Naval Facilities Engineering Command Southwest
Contracts Department
1220 Pacific Highway
San Diego, California 92132-5190

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FINAL
2010 PERFORMANCE MONITORING REPORT

ENHANCED *IN-SITU* BIOREMEDIATION
INSTALLATION RESTORATION PROGRAM SITE 70
NAVAL WEAPONS STATION SEAL BEACH
SEAL BEACH, CALIFORNIA

Delivery Order No. 0014

August 2011

Prepared for:

U.S. Department of the Navy
Naval Facilities Engineering Command Southwest
1220 Pacific Highway
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EXECUTIVE SUMMARY

This Performance Monitoring Report (PMR) presents the results of activities associated with the installation and monitoring of the Enhanced *In-Situ* Bioremediation (EISB) at Installation Restoration (IR) Program Site 70 (Research, Testing, and Evaluation [RT&E] Area), at Naval Weapons Station (NAVWPNSTA) Seal Beach, Seal Beach, California (Figure 1-1), which is being implemented to treat elevated levels of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC). This PMR has been prepared on behalf of Naval Facilities Engineering Command Southwest (NAVFAC SW) under Contract No. N68711-04-D-1107, Delivery Order No. 0014.

The remediation at IR Site 70 is being conducted under the IR Program. NAVWPNSTA Seal Beach is an active federal facility and is not on the National Priorities List. The lead federal agency is the Department of the Navy. The California Environmental Protection Agency, the (California) Department of Toxic Substances Control, and the (California) Regional Water Quality Control Board (RWQCB) Santa Ana Region are the state regulatory agencies providing support and oversight.

The EISB remediation activities are being conducted in accordance with the technical and functional requirements specified in the Remedial Action Work Plan (RAWP) (ECC/Geosyntec 2008a). Injection of emulsified vegetable oil (EVO) and *Dehalococcoides* (Dhc) bacteria in the form of the KB-1® culture have been injected into the source area and into 6 downgradient biobarriers. The source area treatment grid and the 6 biobarriers treat contaminants of concern in 4 hydrostratigraphic zones including the Upper Fines, First Sand, Second Sand, and Shell Horizon.

Installation of these amendments in the Source Area Biobarrier (SAB), Second Sand Biobarrier-1 (SSB-1), and Shell Horizon Biobarrier-3 (SHB-3) was completed in 2009. Installation activities and associated performance monitoring results at these biobarriers are described in the 2009 PMR (Insight 2010).

EISB injections that were performed during the period documented in this PMR, between November 2009 and December 2010, were performed in the following sequence:

1. First Sand Biobarrier-2 (FSB-2) - completed on November 24, 2009
2. First Sand Biobarrier-1 (FSB-1) - completed on February 12, 2010
3. Shell Horizon Biobarrier-1 (SHB-1) - completed on April 7, 2010
4. Source Area Treatment Grid (SATG) - completed on August 3, 2010

In addition to the injection of the EVO and KB-1® amendments, a number of field activities were performed between November 2009 and December 2010, to support the installation of the biobarriers, to evaluate the performance of the newly installed biobarriers and to evaluate the

overall efficacy of the remedy. These field activities were performed as established in the Standard Operating Procedures (SOPs) contained in Attachment B-2 of the Sampling and Analysis Plan (SAP). Specific activities included the following:

- Twenty-three SATG injection wells were constructed in May 2010 to support the injection of the EISB amendments in the SATG, following completion of the Environmental Security Technology Certification Program (ESTCP) project in that area.
- Groundwater elevations were measured in 74 groundwater monitoring wells. Results are used to update the site conceptual model, ensure that the installation of the biobarriers are not adversely impacting groundwater flow, and to confirm that the biobarriers are placed to intersect the dissolved phase plume.
- Groundwater samples were collected from 86 groundwater monitoring wells (74 monitoring and 12 injection), which included monthly and semi-annual periodic performance monitoring in addition to the annual monitoring event. Groundwater samples were analyzed for volatile organic compounds (VOCs), dissolved hydrocarbon gases (DHGs), volatile fatty acids (VFAs), anions, total dissolved solids (TDS), alkalinity, total organic carbon (TOC), dissolved hydrogen sulfide, dissolved metals, and Dhc with VC reductase A gene (*vcr*A) (Table 1-1). The results are used to evaluate the performance of the remedy and update the conceptual design for the site.
- Field parameters (groundwater temperature, pH, dissolved oxygen [DO], oxidation-reduction potential [ORP], specific conductance, turbidity), and depth to water, were measured as part of the performance monitoring for the EISB activities, per the schedule outlined in Table 1-1, to ensure that the remedy is performing according to design. The data also provide important lines of evidence for determining if and when further injection of amendments will be required.
- Twelve soil vapor probes were sampled and ambient air was monitored for methane and hydrogen sulfide. These chemicals are byproducts of EISB and indicate that bioremediation is occurring. These compounds can be hazardous at elevated concentrations and must be closely monitored.

The EISB field activities at the SATG were performed last, in order to ensure that the IR Site 70 remediation activities do not interfere with the ESTCP demonstration project performed by Camp, Dresser, and McKee (CDM) in the area, which was completed in December 2009.

The data from the performance monitoring event was used to develop recommendations for future EISB activities in the different hydrostratigraphic zones. Review of the performance monitoring data indicates that that EISB activities in all 4 hydrostratigraphic zones and 7 biobarrier areas, are promoting reductive dechlorination to VC and ethene.

Multiple lines of evidence were evaluated and support that EISB is working effectively at the biobarrier areas at IR Site 70. The remedy performance is summarized as follows:

- DO and ORP values measured during and after injection activities in the biobarriers and in downgradient performance monitoring wells indicate anaerobic and strongly reducing conditions. These conditions are expected to continue to provide the prerequisite conditions to promote degradation of the chlorinated ethenes at the site.
- Although a significant drop in pH was observed during injection of the amendments, in most areas, the pH is gradually returning to baseline conditions. Low pH (i.e. <5.5) could adversely impact the ability of the Dhc bacteria to dechlorinate the chlorinated ethenes.
- A significant reduction of total moles of all contaminants of concern (COCs) is observed in all the biobarriers, which provides one line of evidence that conversion of TCE to DCE to VC to ethene and ethane is occurring.
- In general, within the biobarrier wells, TCE concentrations reported as part of the baseline monitoring in 2008 were converted to cis-1,2-DCE soon after the installation of the biobarriers, and continued conversion to ethene is occurring.
- TOC concentrations were high in the biobarrier wells soon after injection activities and TOC concentrations have generally increased above 100 milligrams per liter (mg/L) in most biobarriers. However, TOC concentrations have decreased in biobarriers SAB and SSB-1, which were installed during the first half of 2009.
- VFAs increased in all the biobarriers soon after injection. During subsequent monitoring events, concentrations of VFAs decreased suggesting that they are being consumed by the microbes in the biobarriers.
- Increased concentrations of DHGs, particularly methane and ethene, were evident in all of the biobarriers and is supporting evidence that methanogenesis is occurring as a result of the EISB.
- Moderate to optimum concentrations (10^7 cells/Liter) of Dhc and *vcr*A were measured in all the biobarriers, indicating microbial activity is present for further biodegradation. The concentration of Dhc remains in the moderate to optimal range in several of the downgradient performance monitoring wells such as MW-70-PMW03A (SAB), MW-70-PMW05A and MW-70-PMW05B (FSB-1), MW-70-PMW08A and MW-70-PMW08B (FSB-2), MW-70-PMW12A and MW-70-PMW12B (SHB-3), and MW-70-PMW14A and MW-70-PMW14B (SSB-1). However, in SHB-1, where EISB was completed in April 2010, Dhc was not yet reported in the downgradient performance monitoring well MW-70-PMW10 during the Fall of 2010 sampling. The lack of Dhc reported in MW-70-PMW10 is not unexpected since there may not have been sufficient time for amended water to reach MW-70-PMW10.

The CSM was updated to provide an analysis and visualization of both the subsurface hydrogeology and dissolved phase plume morphologies. The highlights of the CSM update for the 2010 PMR are summarized as follows:

- Groundwater elevations have increased approximately 6 feet in all hydrostratigraphic zones since 2009, which may be attributable to an increase in rainfall in Water Year 2010. Hydraulic gradients and directions remain similar to 2009. Groundwater monitoring data does not indicate that the injection of the biobarriers has impacted groundwater flow.
- The updated extent of the 250 micrograms per liter (µg/L) plume for TCE was simulated using EarthVision in two- and three-dimensions and demonstrates that the post-EISB dissolved plume has decreased in width, length and vertical distribution compared to the baseline CSM.
- The dissolved phase plume remains within the point of compliance (POC) boundary.
- The lateral extent of the 250 µg/L TCE plume in the Second Sand is generally wider than originally anticipated per the Remedial Design (Geosyntec 2006b). The addition of well MW-70-14 to the Second Sand monitoring program in 2009, allowed characterization of the northeastern portion of the dissolved plume.
- The toe of the Second Sand plume, located downgradient of SSB-1, appears to be expanding to the south and southeast, based on increased concentrations of COCs in MW-70-MNA16, MW-70-MNA-17, and MW-70-15.

Based on the results of the 2010 PMR at IR Site 70, the following recommendations are made:

1. Due to the lateral extent of TCE concentrations in the Second Sand well MW-70-14, it is recommended that a Second Sand monitoring well, screened in the lower portion of the Second Sand, be installed downgradient of MW-70-14, and to the north/northeast of the SSB-1 (See Figure 4-20 for proposed location).
2. Due to the increased TCE concentrations in the toe of the dissolved COC plume in the Second Sand, this area will need to be monitored closely to ensure that amended water is effectively dechlorinating the Second Sand downgradient of the SSB-1. Pending results of COCs in the Second Sand during the next monitoring period, additional injection wells in the Second Sand may be considered.
3. It is not anticipated that additional EVO and/or KB-1® is required during 2011. However, additional assessment will be made at the next annual groundwater monitoring event by reviewing all lines of evidence including possible increases in ORP and DO, and changes in concentrations of chlorinated ethenes, Dhc/*vcr*A, TOC, and VFAs.
4. In First Sand Biobarrier, FSB-1, it is recommended that well RDO-4 be re-installed and monitored in 2011 to determine whether the recirculation of EVO and KB-1® between adjacent wells FSB-114 and FSB-115 in 2010 was sufficient in distributing the EVO and KB-1®, or whether additional injection in RDO-4 is required.

5. Since methane can accumulate in the subsurface and migrate to the surface, continued monitoring of methane in the vapor points and monitoring at the surface is recommended. Special care (venting, explosion-proof meters, etc.) must be taken prior to any sampling or intrusive activities in this area to minimize the risk of fire or explosion. A methane monitoring plan has been put in place to ensure that onsite workers are protected.
6. The data presented in the 2010 PMR support the remedial action goals for IR Site 70 (Geosyntec 2006a) and demonstrate the remedial action is reducing the contaminant concentrations at IR Site 70. The frequency of the groundwater monitoring at IR Site 70 was affected by the continuing resolution of the federal government in early 2011. The Navy will conduct a quarterly monitoring event between the next two sampling events: July 2011 and October 2011, as proposed in Table 6-1. The data acquired during this quarterly event, will be evaluated to determine the next frequency of groundwater monitoring at IR Site 70 and will be presented in the 2011 PMR.

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ACRONYMS/ABBREVIATIONS

BEI	Bechtel Environmental, Inc.
bgs	below ground surface
BNI	Bechtel National, Inc.
cells/L	cells per liter
CDM	Camp, Dresser, and McKee
COC	contaminant of concern
DCE	dichloroethene
Dhc	*Dehalococcoides*
Dhc/*vcr*A	*Dehalococcoides* with the vinyl chloride reductase A gene
DHGs	dissolved hydrocarbon gases
DNA	deoxyribonucleic acid
DNAPL	non-aqueous phase liquid
DO	dissolved oxygen
ECC	Environmental Chemical Corporation
EISB	Enhanced *In-Situ* Bioremediation
ESTCP	Environmental Security Technology Certification Program
EVO	emulsified vegetable oil
°F	degrees Fahrenheit
FSB	First Sand Biobarrier
ft	feet
Geosyntec	Geosyntec Consultants
gpm	gallons per minute
IR	Installation Restoration (Program)
KB-1®	dechlorinating microbial culture
LEL	lower explosive limit
µM	micromolar
µg/L	micrograms per liter
MCL	maximum contaminant level
mg/L	milligrams per liter
MNA	monitored natural attenuation
MSL	mean sea level
mV	millivolts
NAVWPNSTA	Naval Weapons Station
NASA	National Aeronautics and Space Administration
NAVFAC SW	Naval Facilities Engineering Command Southwest

OCWD	Orange County Water District
ORP	oxidation-reduction potential
PCE	tetrachloroethylene
PCR	polymerase chain reaction
pH	potential of hydrogen
PMR	Performance Monitoring Report
PMW	performance monitoring well
POC	point of compliance
ppb	parts per billion
ppmV	parts per million by volume
QA	quality assurance
QC	quality control
RAWP	Remedial Action Work Plan
RD	remedial design
RDO	remedial design optimization
redox	oxidation-reduction
RT&E	Research, Testing, and Evaluation
RWQCB	(California) Regional Water Quality Control Board
SAB	Source Area Biobarrier
SAP	Sampling and Analysis Plan
SAT	source area treatment
SATG	source area treatment grid
SHB	Shell Horizon Biobarrier
SOP	Standard Operating Procedure
SSB	Second Sand Biobarrier
TCE	trichloroethene
TCG	target cleanup goal
TDS	total dissolved solids
TOC	total organic carbon
UEL	upper explosive limit
U.S. EPA	United States Environmental Protection Agency
VC	vinyl chloride
*vcr*A	vinyl chloride reductase A gene
VFA	volatile fatty acid
VOC	volatile organic compound
WQP	water quality parameters
WY	water year

Section 1
INTRODUCTION

This Performance Monitoring Report (PMR) presents the results of injection activities for the Enhanced *In-Situ* Bioremediation (EISB) at Installation Restoration (IR) Program Site 70 (Research, Testing, and Evaluation [RT&E] Area), at Naval Weapons Station (NAVWPNSTA) Seal Beach, Seal Beach, California (Figure 1-1). The PMR has been prepared on behalf of Naval Facilities Engineering Command Southwest (NAVFAC SW) under Contract No. N68711-04-D-1107, Delivery Order No. 0014.

The remediation at IR Site 70 is being conducted under the IR Program. NAVWPNSTA Seal Beach is an active federal facility and is not on the National Priorities List. The lead federal agency is the Department of the Navy. The California Environmental Protection Agency, the (California) Department of Toxic Substances Control, and the (California) Regional Water Quality Control Board (RWQCB) Santa Ana Region are the state regulatory agencies providing support and oversight.

NAVFAC SW directs the remedial action in accordance with requirements of the Comprehensive Environmental Response, Compensation, and Liability Act and the National Oil and Hazardous Substances Pollution Contingency Plan. The Final Remedial Action Work Plan (RAWP) defines the site-specific requirements for implementation of EISB at IR Site 70 (Environmental Chemical Corporation [ECC]/Geosyntec 2008a). The performance monitoring field activities documented in this PMR, were conducted between November 2009 and September 2010 (Table 1-1).

The EISB remediation activities are being conducted in accordance with the technical and functional requirements specified in the RAWP (ECC/Geosyntec 2008a). Field activities are being performed as established in the Standard Operating Procedures (SOPs) contained in Attachment B-2 of the Sampling and Analysis Plan (SAP). Variances to the monitoring schedule are discussed in Section 6.

The 2010 performance monitoring event documents the EISB activities performed in the Source Area Treatment Grid (SATG), First Sand Biobarrier 1 (FSB-1), First Sand Biobarrier 2 (FSB-2) and Shell Horizon Biobarrier (SHB)-1, including the following activities (Table 1-1, Figure 1-2):

- Twenty-three SATG injection wells were constructed in May 2010 as part of completion of the EISB activities in the SATG, following completion of the Environmental Security Technology Certification Program (ESTCP) project in that area. Well construction details for the new SATG wells and all wells at Site 70 are documented in Table 1-2 and Appendix F.
- Groundwater-level elevations were measured in 74 groundwater monitoring wells.

- Groundwater samples were collected from 86 groundwater monitoring wells (74 groundwater monitoring wells and 12 injection wells) and analyzed for volatile organic compounds (VOCs), dissolved hydrocarbon gases (DHGs), volatile fatty acids (VFAs), anions, total dissolved solids (TDS), alkalinity, total organic carbon (TOC), dissolved hydrogen sulfide, dissolved metals, and Dehalococcoides (Dhc) with vinyl chloride (VC) reductase A gene (*vcr*A) (Table 1-1).
- Field parameters (groundwater temperature, potential of hydrogen (pH), dissolved oxygen [DO], oxidation-reduction potential [ORP], specific conductance, turbidity) and depth to water, were measured as part of the performance monitoring for the EISB activities, per the schedule outlined in Table 1-1.
- Twelve soil vapor probes were sampled for methane and hydrogen sulfide.

The groundwater monitoring well network shown in Figure 1-2 consists of wells screened within five hydrostratigraphic units designated as: Upper Fines, First Sand, Shell Horizon, Second Sand, and Deep Sand. The monitoring well network wells were designed as follows (Geosyntec 2006b):

1) Monitored Natural Attenuation (MNA) or "sentinel" wells provide early indications of undesired plume migration and provide information with regards to attenuation of lower concentrations of trichloroethene (TCE) on the fringe of the plume;

2) Performance Monitoring Wells (PMW), located along the core of the plume between biobarriers, provide some indication of potential biobarrier operation timeframe; and

3) Point of Compliance (POC) Wells are monitored to determine if the plume is migrating off the station.

The majority of these wells were installed in 2007 during the remedial action construction phase of the project (ECC/Geosyntec 2008b) and were sampled for the first time during the baseline monitoring event in 2008. The 2010 monitoring event included analyses of samples collected from all monitoring MNA, PMW, and POC wells monitored during the 2008 baseline monitoring round (Insight 2009a) as well as injection wells that were sampled to monitor the remedy performance at the biobarriers per the schedule outlined in Table 1-1.

EISB injection at IR Site 70 began in November 2008 after the conclusion of baseline groundwater monitoring activities. To date, installation of all seven injection biobarriers have been completed with one round of injection activities. Injection activities of the biobarrier areas were performed in the following sequence:

1. Source Area Biobarrier (completed on January 30, 2009) – documented in the 2009 PMR (Insight 2010).

2. Second Sand Biobarrier 1 (completed on March 18, 2009) – documented in the 2009 PMR (Insight 2010).
3. Shell Horizon Biobarrier 3 (completed on September 25, 2009) – documented in the 2009 PMR (Insight 2010).
4. First Sand Biobarrier 2 (completed on November 24, 2009) – documented as part of this 2010 PMR.
5. First Sand Biobarrier 1 (completed on February 12, 2010) – documented as part of this 2010 PMR.
6. Shell Horizon Biobarrier 1 (completed on April 7, 2010) – documented as part of this 2010 PMR.
7. Source Area Treatment Grid (completed on August 3, 2010) – documented as part of this 2010 PMR.

The EISB field activities at the SATG was performed last, in order to ensure that the IR Site 70 remediation activities do not interfere with ESTCP demonstration project performed by Camp, Dresser, and McKee (CDM), which was completed in December 2009. The additional SATG wells (IW-70-SAT35 through IW-70-SAT57) were installed in April and May 2010 (Figure 2-1) after conclusion of injection activities at FSB-1, FSB-2 and SHB-1. Analytical methods are summarized in Table 1-1 and Section 5.

The data from the groundwater monitoring events were used to develop recommendations for future EISB activities in the different hydrostratigraphic zones.

1.1 PURPOSE

An EISB system was implemented at IR Site 70 for treatment of dense non-aqueous phase liquids (DNAPLs) and dissolved phase chlorinated solvent plumes. The EISB is a semi-passive approach comprised of biostimulation and bioaugmentation, which incorporates a grid of treatment wells in the source area and rows of injection wells that transect the dissolved phase plume, into which electron donor and bacteria are added. Emulsified vegetable oil (EVO) is used as the electron donor and injected into the wells using a recirculation approach that facilitates its distribution. In addition, injection wells receive a one-time addition of dechlorinating culture (KB-1®) capable of complete dechlorination of TCE to ethene.

The remedy design was based on the vertical and lateral extent of the 250 micrograms per liter (µg/L) TCE plume per previous monitoring results (ECC/Geosyntec 2008b, BEI 2006). Active treatment will be terminated once the TCE concentrations in groundwater are reduced to 200 µg/L. MNA will be employed after the active treatment phase until target cleanup goals (TCGs) for contaminants of concern (COCs) are achieved (Table 1-3).

Table 1-4 summarizes the components of the performance monitoring and why they are monitored. Analysis of these parameters during and after injection, ensure that the biobarriers are working as planned.

1.2 BACKGROUND

IR Site 70, also known as the RT&E Area, is located south of Westminster Boulevard and east of Seal Beach Boulevard (Figure 1-1). IR Site 70 encompasses approximately 40 acres. Groundwater at IR Site 70 is impacted by chlorinated solvents, primarily TCE and associated degradation products. Groundwater impacted by TCE extends to a depth of approximately 160 feet (ft) below ground surface (bgs) (ECC/Geosyntec 2008b; BEI 2006). The remedial approach for the site was first presented in the Revised Feasibility Study (Geosyntec 2005). Previous investigations are summarized in the RAWP (ECC/Geosyntec 2008a) and the Fifth Annual Groundwater Monitoring Report (BEI 2006). The EISB baseline results and 2009 performance monitoring of the biobarriers have been documented (Insight 2009a, 2010).

IR Site 70 consists of multi-story office and production buildings, asphalt-paved parking areas, an assortment of aboveground tanks and attendant above- and below-ground piping distribution systems, and several concrete-lined sumps. From 1962 to 1973, the National Aeronautics and Space Administration (NASA) utilized the area for the design and manufacture of the second stage of the Saturn V launch vehicle for the Apollo Program. Subsequent to NASA leaving the area, the United States Department of Energy and Garrett Engineering (Allied Signal) conducted pilot test assembly operations for a classified uranium enrichment process in portions of Building 112. The tests were conducted from 1980 to 1985 but did not include either the manufacture or enrichment of uranium. Currently, the building is used for storage, communications research, and office space.

The Final Removal Site Evaluation Report for IR Site 70 (BNI 1996) addressed potential waste from the following areas:

- Bulkhead Fabrication Building 128;
- Vertical Assembly and Hydrotest Building 112;
- Pneumatic Test, Paint, and Packaging Building 122;
- Tool and Maintenance Building 130;
- Structural Test Tower; and
- Water Conditioning Plant.

Operations at these facilities included the use of diluted acids, VOCs (including chlorinated solvents such as TCE), phenolic compounds, petroleum oils, sodium dichromate containing hexavalent chromium, detergents, metals containing paint wastes, and machine lubricating oil.

1.2.1 PHYSICAL SETTING AND SITE CONDITIONS

NAVWPNSTA Seal Beach is situated at latitude 33° 45’ 27” N and longitude 118° 4’ 22” W, San Bernardino Baseline and Meridian. NAVWPNSTA Seal Beach is located within the Los Angeles-Orange County coastal plain. Most of NAVWPNSTA Seal Beach lies in the flat alluvial deposits in the southeastern portion of the Los Angeles Basin. The Los Angeles Basin is bounded on the north by the Santa Monica Mountains, to the northeast by the Repetto and Puente Hills, to the east and southeast by the Santa Ana Mountains and the San Joaquin Hills, and to the south, southwest, and west by the Palos Verdes Hills and the Pacific Ocean. NAVWPNSTA Seal Beach slopes evenly from approximately 20 ft above mean sea level (MSL) in the northwestern part, near IR Site 70, to sea level in the tidal flats of the Seal Beach National Wildlife Refuge in the southeast (Figure 1-1, ECC/Geosyntec 2008a). The most pronounced feature at NAVWPNSTA Seal Beach is part of the Landing Hill on the southwest at a maximum elevation of 50 ft above MSL (ECC/Geosyntec 2008a).

The climate in the area is classified as a marine-influenced southern California coastal region with temperature ranges from winter lows that range from 30 degrees Fahrenheit (°F) to summer highs around 90°F. Annual precipitation is variable with an average of 12.5 inches. Precipitation data for Water Year 2010 (WY 2010), between October 2009 and September 2010, is presented in Appendix G. Prevailing winds average 4 miles per hour from the west with occasional strong dry winds (“Santa Anas”), and occur in the fall and winter. Groundwater levels are influenced by years of high precipitation or drought, as well as tidal cycles (ECC/Geosyntec 2008a).

The sequence of stratigraphic units underlying NAVWPNSTA Seal Beach from youngest (shallowest) to oldest (deepest) is:

- Recent Alluvium with a maximum thickness of approximately 80 to 100 ft bgs. The upper 50 ft consists of fine sands, silty clays, and clays; lower unit consists of sands and gravels, silty sands, silty clays, and clays.
- Upper Pleistocene Lakewood Formation is present at the site starting at depths of approximately 80 to 100 ft bgs and extending to depths of approximately 350 ft bgs, beyond the scope of the investigations at IR Site 70. Units are discontinuous and contain zones of high and low permeability (DWR 1961).
- Lower Pleistocene San Pedro Formation.
- Pliocene Pico Formation.

NAVWPNSTA Seal Beach is located in the Newport-Inglewood fault zone. Two faults, the Seal Beach fault and the Los Alamitos fault, are part of the Newport-Inglewood fault zone. The Seal Beach fault is located in the southern portion of the Newport-Inglewood fault zone. On the station, the Seal Beach fault has uplifted Upper Pleistocene deposits at Landing Hill and Hog Island (JEG 1995). Movement along the fault appears to not have displaced recent sediments.

The Los Alamitos fault lies parallel to the Seal Beach fault and about 2.25 miles northeast of the Alamitos Gap (Appendix H).

1.2.2 SITE SPECIFIC HYDROGEOLOGY

NAVWPNSTA Seal Beach is located at the southwestern corner of the Orange County Basin. The Orange County Basin contains the Artesia, Gage, Hollydale, Jefferson, Lynwood, and Silverado aquifers. The Lynwood and Silverado aquifers are merged across most of the station (JEG 1995).

There are four general aquifer zones identified at NAVWPSTA Seal Beach and include (JEG 1995):

- a semi-perched, unconfined zone within the upper Recent alluvial deposits;
- a confined fresh groundwater zone contained in lower Recent alluvial deposits;
- Late and Early Pleistocene deposits of the Lakewood and San Pedro formations, respectively, and in some parts, deposits of the Late Pliocene Pico Formation; and
- a confined zone of saline water underlying the freshwater zone.

The shallow groundwater underlying NAVWPNSTA Seal Beach (upper Recent Alluvium deposits) is within the Lower Santa Ana River Basin (Orange County management zone) (RWQCB 1995, with Amendment R8-2004-001 2004). Beneficial uses of groundwater within the Orange County management zone include municipal and domestic supply, agricultural supply, industrial service supply, and industrial process supply. Shallow groundwater underlying IR Site 70 does not serve as a water source for any of the beneficial uses designated in the Water Quality Control Plan, Santa Ana River Basin (Basin Plan) (RWQCB 1995).

The principal freshwater body (lower Recent Alluvium deposits and Upper Pleistocene Lakewood Formation) is a large confined aquifer occupying two zones. The first zone is approximately 75 to 200 ft deep and saline. The second zone is approximately 250 to 1,000 ft deep and freshwater. This second zone is the primary water supply source for neighboring cities. Groundwater levels in this principal freshwater zone fluctuate from year to year due to variations in pumping, infiltration, and recharge. Recharge to this aquifer is primarily from unconfined areas upgradient and from unlined rivers that are hydraulically connected to the aquifer. Seasonal variations occur with highs in the wet winter months and lows in the dry summer months when large quantities of water are used for irrigation (JEG 1995).

The six hydrostratigraphic units presented in the Final Technical Memorandum (ECC/Geosyntec 2008b) are:

1. **Upper Fines Unit (ground surface to approximately 60 ft bgs).** The Upper Fines Unit comprises three zones: a) a shallow zone of surficial soils and recent clayey sediments; b) an intermediate zone of interbedded silts, clays, and sandy silts and clays that include a semi-perched zone; and c) a lower zone of interbedded silts, clays, and fine- to coarse-

grained, silty to clayey sands. A zone of organic material, mainly wood chips, was encountered in a number of boreholes at a depth of approximately 45 to 50 ft bgs.

2. **First Sand Unit (approximately 60 to 105 ft bgs).** The First Sand Unit consists of poorly-graded, fine-grained sands and silty sands. A coarse sand/fine gravel layer was encountered in several borings between 80 and 95 ft bgs. This coarse layer lies just above or slightly within the underlying Shell Horizon Unit. The First Sand Unit varies in thickness from approximately 30 to 50 ft.

3. **Shell Horizon Unit (approximately 105 to 135 ft bgs).** The Shell Horizon Unit is characterized by a sequence of interbedded clays, silts, sands, and gravels with laterally discontinuous interbeds of dense shells and shell fragments. This unit is characterized by a sequence of interbedded clays, silts, sands, and gravels below the source area grading to predominantly fine grained sand in the vicinity of remedial design optimization (RDO) wells RDO-6A and RDO-6B between 1st and 2nd Street (Figure 2-3) in the dissolved-phase plume area. This unit has been subdivided into the Shell Horizon (interbedded clays) and Shell Horizon (fine-grained sands) to reflect differences in the hydrogeologic characteristics and potential plume migration behavior. Shell and gravel layers were encountered in some but not all borings, comprising interbeds within the Shell Horizon Unit that do not appear to be spatially extensive. Wood chips were encountered in several borings at a depth of about 110 ft bgs.

4. **Second Sand Unit (approximately 135 to 170 ft bgs).** Similar in character to the First Sand Unit, however, this deeper unit appears to be slightly coarser in its upper section.

5. **Deep Clay Unit (approximately 170 to 190 ft bgs).** The Deep Clay Unit consists of an upper clay to silty clay horizon and an underlying clayey silt, silt, sandy silt, or sandy clay layer. The upper clay to silty clay horizon appears to be a continuous low-permeability unit that is encountered at depths ranging between 164 to 176 ft bgs. The upper clay to silty clay unit grades downward to clayey silt, silt, sandy silt, or sandy clay. This underlying layer is 3 to 20 ft thick, extending to depths of 175 to 188 ft bgs. Below the clayey silt, silt, sandy silt, or sandy clay layer is a silty sand and sand layer, up to 6 ft thick, which has been found to a depth of 191 ft bgs in extended removal site evaluation borings at NAVWPNSTA Seal Beach.

6. **Deep Sand Unit (approximately 190 ft bgs and below).** The Deep Sand Units, where encountered, consists of variable sands (i.e., fine-grained sands and silty sands) and appears to be similar in character to the First and Second Sand Units.

1.2.3 NATURE AND EXTENT OF CONTAMINATION

The nature and extent of contamination at IR Site 70 is based on previous and current groundwater and soil investigations at IR Site 70 as well as the baseline groundwater monitoring report, and formed the basis of the current EISB design (BEI 2006; BEI 2002; Geosyntec 2006b; Insight 2009a).

Groundwater contamination at IR Site 70 may be described in two distinct areas:

(i) A source area, located between 0 to 60 feet bgs in the Upper Fines unit, with suspected residual DNAPLs, and dissolved TCE concentrations exceeding 1,000 μg/L; and

(ii) A dissolved-phase VOC plume extending downgradient in a south-southeasterly direction from the source area.

The principal COC in the dissolved-phase plume is TCE. The areal extent of the dissolved TCE plume in groundwater, prior to implementation of the EISB, was approximately 4,000 ft by 1,200 ft, with vertical migration to depths of approximately 160 ft bgs. The water table is approximately 20 ft bgs, although it can be shallower in wetter years (Insight 2009a; BEI 2006). The dissolved-phase plume is identified in the following three hydrostratigraphic units; a) the First Sand Unit (60 to 105 ft bgs), b) the Shell Horizon Unit (105 to 135 ft bgs), and c) the Second Sand Unit (135 to 170 ft bgs). The results of the 2010 EISB monitoring of groundwater documents the change in the size of the original dissolved TCE plume as described in Section 4.

The TCE plume morphology is consistent with the previous conceptual site models (CSMs) for IR Site 70 (Insight 2009a; ECC/Geosyntec 2008b), where the termination of the fine-grained horizons causes a downward "stair casing" of the TCE plume. The CSM has been updated to reflect the new morphology of the plume as a result of the active EISB remediation activities (Section 4).

1.3 REPORT ORGANIZATION

This PMR is organized as follows:

- Section 2 summarizes fieldwork activities, background, and strategies during the EISB implementation,
- Section 3 presents remedy performance and the results of groundwater quality monitoring,
- Section 4 presents the conceptual site model update and the results of the soil gas survey monitoring,
- Section 5 presents variances from the work plan and Quality Assurance (QA)/Quality Control (QC) Summary,
- Section 6 presents the summary and recommendations,
- Section 7 lists the references utilized in this report,
- Appendix A presents field sample collection and purge logs,
- Appendix B presents chain of custody documentation,
- Appendix C presents laboratory analytical results,
- Appendix D presents laboratory data validation reports and summary of the QC results,
- Appendix E presents the database export of analytical results,
- Appendix F presents SATG well construction logs and survey report,

- Appendix G presents PMR plume maps,
- Appendix H presents Orange County Well Information, precipitation data from Long Beach Airport and the Alamitos Barrier Injection Project Map, and
- Appendix I presents injection volumes and parameter data.
- Appendix J presents the regulatory agency comments and responses.

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Section 1

TABLES

Table 1-1
2010 Groundwater and Performance Monitoring Schedule

	Biobarrier Installation Completion Date	November 2009	December 2009	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010	August/September 2010 (Annual Monitoring)
Source Area Treatment Grid/Upper Fines										
IW-70-SAT03* (25-55)										ABCEFG
IW-70-SAT16* (25-55)										ABCEFG
IW-70-SAT31* (25-55)	**8/3/2010**									ABCEFG
IW-70-SAT35* (25-55)										ABCEFG
IW-70-SAT36* (25-55)										ABCEFG
IW-70-SAT45* (25-55)										ABCEFG
IW-70-SAT46* (25-55)										ABCEFG
IW-70-SAT50* (25-55)										ABCEFG
MW-70-PMW01A[j] (25-35)										ABCDEF
MW-70-PMW01B[j] (25-55)										ABCDEF
MW-70-27[j] (25.5-35.5)										ABCDEFG
MW-70-28[j] (50.3-60.3)	**8/3/2010**									ABCDEFG
MW-70-MNA01 (40-50)										ABCG
MW-70-MNA02 (35-45)										ABC
MW-70-MNA03 (35-45)										ABC
MW-70-MNA04 (35-45)										ABC
Source Area Biobarrier/First Sand										
IW-70-SAB01 (60-80)		–	–	–	–	–	–	–	–	–
IW-70-SAB02 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB03* (65-105)		A	A	A	ABCEFG	A	A	A	A	ABCEFG
IW-70-SAB04 (60-80/85-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB05 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB06[j] (65-80/85-105)		–	–	–	–	–	–	–	–	ABCDEFG
IW-70-SAB07 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB08 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB09 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB10 (67-87/92-107)	**1/30/2009**	–	–	–	–	–	–	–	–	–
IW-70-SAB11* (65-105)		A	A	A	ABCEFGH	A	A	A	A	ABCEFG
IW-70-SAB12 (65-105)		–	–	–	–	–	–	–	–	–
IW-70-SAB13 (65-106)		–	–	–	–	–	–	–	–	–
IW-70-SAB14 (60-105)		–	–	–	–	–	–	–	–	–
MW-70-MNA05 (70-80)		–	AI	–	–	–	–	–	–	ABC
MW-70-PMW02A (70.5-80.5)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW02B (90-100)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW03A* (70.5-80.5)		A	AI	A	ABCEF	A	A	A	A	ABCDEFGH
MW-70-PMW03B* (90-100)		A	A	A	ABCEFG	A	A	A	A	ABCDEFGH

Table 1-1 (continued)

	Biobarrier Installation Completion Date	November 2009	December 2009	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010	August/September 2010 (Annual Monitoring)
First Sand Biobarrier 1										
MW-70-38 (80-100)				–	–	–	–	–	–	ABCDEFH
IW-70-FSB108[j*] (60-105)				–	A	A	A	ABCEF	A	ABCDEFG
IW-70-FSB118[j*] (60-105)				–	A	A	A	ABCEF	A	ABCDEFG
MW-70-PMW04A* (70-80)				–	A	A	A	ABCEFG	A	ABCDEFG
MW-70-PMW04B* (90-100)				–	A	A	A	ABCEFG	A	ABCDEFG
MW-70-PMW05A* (70-80)				–	A	A	A	ABCEFG	A	ABCDEFG
MW-70-PMW05B* (90-100)				–	A	A	A	ABCEFG	A	ABCDEFG
MW-70-PMW06A (69.5-79.5)	**2/12/2010**			–	–	–	–	–	–	ABCDEF
MW-70-PMW06B (91-101)				–	–	–	–	–	–	ABCDEF
RDO-5 (65-105)				–	–	–	–	–	–	ABCG
MW-70-MNA08 (80-90)				–	–	–	–	–	–	ABCG
MW-70-MNA06 (80-90)				–	–	–	–	–	–	ABC
MW-70-MNA11 (80-90)				–	–	–	–	–	–	ABC
MW-70-MNA07 (90-100)				–	–	–	–	–	–	ABCG
MW-70-43A (86-106)				–	–	–	–	–	–	AB
First Sand Biobarrier 2										
IW-70-FSB216[c] (65-100)		A	A	A	A	A	ABCEFG	A	A	ABCDEFG
IW-70-FSB229* (65-100)		A	A	A	A	A	ABCEFG	A	A	ABCEFG
MW-70-PMW07A* (65-75)		A	A	A	A	A	ABCEFG	A	A	ABCDEFGH
MW-70-PMW07B* (85-95)		A	A	A	A	A	ABCEFG	A	A	ABCDEFGH
MW-70-PMW08A* (65-75)	**11/24/2009**	A	A	A	A	A	ABCEFG	A	A	ABCDEFGH
MW-70-PMW08B* (85-95)		A	A	A	A	A	ABCEFG	A	A	ABCDEFGH
MW-70-MNA09 (64-74)		–	–	–	–	–	–	–	–	ABCG
MW-70-MNA10 (75-85)		–	–	–	–	–	–	–	–	ABCG
MW-70-MNA12 (75-85)		–	–	–	–	–	–	–	–	ABCG
Shell Horizon Biobarrier 1										
IW-70-SHB113[j*] (105-130)							A	A	ABCEFG	ABCDEFGH
MW-70-PMW09* (120-130)							A	A	ABCEFG	ABCDEFG
MW-70-PMW10* (120-130)	**4/7/2010**						A	A	ABCEFG	ABDEFGH
IW-70-SHB217 (105-130)							–	–	–	ABCG
MW-70-MNA13 (115-125)							–	–	–	ABC
Shell Horizon Biobarrier 3										
IW-70-SHB310[j] (105-130)		–	–	–	–	–	–	–	–	ABCDEFG
IW-70-SHB311* (80-95)		A	A	A	ABCEFG	A	A	A	A	ABCEFG
IW-70-SHB319* (80-100/110-130)	**9/25/2009**	A	A	A	ABCEFG	A	A	A	A	ABCEFG
MW-70-PMW11A (85-95)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW11B (115-125)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW12A* (85-95)		A	AI	A	ABCEFG	A	A	A	A	ABCDEFGH

Table 1-1 (continued)

	Biobarrier Installation Completion Date	November 2009	December 2009	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010	August/September 2010 (Annual Monitoring)
MW-70-PMW12B* (115-125)	9/25/2009	A	A	A	ABCEFG	A	A	A	A	ABCDEFGH
MW-70-MNA14 (115-125)		–	–	–	–	–	–	–	–	ABCG
Second Sand Biobarrier 1										
IW-70-SSB109[j*](125.75-165.75)	3/18/2009	A	A	A	ABCEFG	A	A	A	A	ABCDEFG
IW-70-SSB119* (125-165)		A	A	A	ABCEFG	A	A	A	A	ABCEFG
MW-70-PMW13A (125-135)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW13B (145-155)		–	–	–	–	–	–	–	–	ABCDEFH
MW-70-PMW14A* (128-138)		A	AI	A	ABCEFG	A	A	A	A	ABCDEFGH
MW-70-PMW14B* (149-159)	3/18/2009	A	AI	A	ABCEFG	A	A	A	A	ABCDEFGH
MW-70-MNA16 (141-151)		–	–	–	–	–	–	–	–	ABCG
MW-70-MNA17 (140-150)		–	–	–	–	–	–	–	–	ABCG
MW-70-15 (161-171)		–	–	–	–	–	–	–	–	ABC
MW-70-14 (160-170)		–	–	–	–	–	–	–	–	AB
MW-70-43B (136-146)		–	–	–	–	–	–	–	–	AB
Point of Compliance/Upper Fines										
MW-70-02 (20-30)	Not Applicable	–	AI	–	–	–	–	–	–	AB
MW-70-03 (20-30)		–	AI	–	–	–	–	–	–	–
MW-70-10 (30-40)		–	AI	–	–	–	–	–	–	AB
MW-70-17 (30-40)		–	–	–	–	–	–	–	–	AB
MW-70-22 (20-30)		–	–	–	–	–	–	–	–	AB
Point of Compliance/First Sand										
MW-70-11 (80-100)	Not Applicable	–	–	–	–	–	–	–	–	AB
MW-70-16 (95-105)		–	–	–	–	–	–	–	–	AB
MW-70-35 (90-100)		–	AI	–	–	–	–	–	–	AB
MW-70-POC01 (80-90)		–	AI	–	–	–	–	–	–	AB
Point of Compliance/Shell Horizon	Not Applicable									
MW-70-23 (110-130)		–	AI	–	–	–	–	–	–	AB
Point of Compliance/Second Sand										
MW-70-21 (150-170)	Not Applicable	–	AI	–	–	–	–	–	–	AB
MW-70-36 (150-160)		–	–	–	–	–	–	–	–	AB
MW-70-POC02 (190-200)		–	AI	–	–	–	–	–	–	AB
MW-70-POC03 (190-200)		–	–	–	–	–	–	–	–	AB
MW-70-POC04 (195-205)		–	AI	–	–	–	–	–	–	AB
Soil Vapor Samples										
SV-70-01	Not Applicable	–	–	–	–	–	–	–	–	V
SV-70-02		–	–	–	–	–	–	–	–	V
SV-70-03		–	–	–	–	–	–	–	–	V
SV-70-04		–	–	–	–	–	–	–	–	V
SV-70-05		–	–	–	–	–	–	–	–	V

Table 1-1 (continued)

	Biobarrier Installation Completion Date	November 2009	December 2009	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010	August/September 2010 (Annual Monitoring)
SV-70-06	Not Applicable	–	–	–	–	–	–	–	–	V
SV-70-07		–	–	–	–	–	–	–	–	V
SV-70-08		–	–	–	–	–	–	–	–	V
SV-70-09		–	–	–	–	–	–	–	–	V
SV-70-10		–	–	–	–	–	–	–	–	V
SV-70-11		–	–	–	–	–	–	–	–	V
SV-70-12		–	–	–	–	–	–	–	–	V

Notes:

A - Field parameter and on-site analysis
B - Volatile organic compounds (EPA Method 8260B)
C - Dissolved hydrogen gases (RSK 175)
D - Includes one or more of the following: Anions (EPA Method 300.0)/TDS (EPA Method 2540C)/Dissolved Metals (EPA Method 6010B)/Alkalinity (EPA Method 2320B)
E - Volatile Fatty acids (300.0M)
F - Total Organic Carbon (EPA Method 5310B)
G - Polymerase Chain Reaction Assay (Dehalococcoides/vinyl chloride reductase A)
H - includes Dissolved Hydrogen Sulfide (EPA Method 4500F)
I - 1,4-dioxane (EPA Method 8270C)
J - Quarterly sampling frequency listed in Remedial Action Work Plan
V - Soil Vapor samples collected and analyzed for hydrogen sulfide (ASTM D5504) and methane(25C)
* - Part of monthly and semi-annual (Periodic) Performance Monitoring; the August 2010 semi-annual is combined with the 2010 Annual
** - Wells sampled twice during the months of December 2008 and January 2010: IW-70-SAB09 (December 10 and 23); IW-70-SAB11 (December 10 and 22), IW-70-SAB12 (December 9 and 22), and IW-70-SAB14 (December 9 and 23); IW-70-SAB03 (January 6 and 16th); IW-70-SAB06 (January 5 and 16)
— - not sampled

Field Parameters - pH, dissolved oxygen, oxidation-reduction potential, specific conductance, temperature, and turbidity
Onsite Analyses - alkalinity, sulfide, sulfate, Iron (total), nitrate
Offsite Laboratory Analyses - A through I listed above
Grey shaded area indicates that the biobarrier had not been implemented

Table 1-2
Well Construction Summary

Well Number	Well Installation: Date Installed	Well Installation: Coordinates (feet NAD83): Northing	Well Installation: Coordinates (feet NAD83): Easting	Construction Depths (feet bgs): Borehole Depth	Construction Depths (feet bgs): Filter Pack: Top	Construction Depths (feet bgs): Filter Pack: Bottom	Construction Depths (feet bgs): Screen Interval: Top	Construction Depths (feet bgs): Screen Interval: Bottom	Construction Elevations (feet MSL, NGVD29): TOC	Construction Elevations (feet MSL, NGVD29): Ground Surface	Construction Elevations (feet MSL, NGVD29): Filter Pack: Top	Construction Elevations (feet MSL, NGVD29): Filter Pack: Bottom	Construction Elevations (feet MSL, NGVD29): Screen Interval: Top	Construction Elevations (feet MSL, NGVD29): Screen Interval: Bottom	Screen Dimensions: Length (feet)	Screen Dimensions: Diameter (inches)	Screen Dimensions: Slot Size (inches)	Well Maintenance: Date Last Developed	Well Maintenance: Well Depth: Date Measured	Well Maintenance: Well Depth: Measurement (feet below TOC)
Source Area Treatment/Upper Fines																				
MW-70-27	07/03/01	2224170.00	6005991.20	36.00	23.00	36.00	25.50	35.50	8.25	8.80	-14.20	-27.20	-16.70	-26.70	10.00	4	0.010	08/21/01	07/09/01	35.90
MW-70-28	07/03/01	2224165.50	6005991.20	62.00	45.00	62.00	50.30	60.30	8.30	8.65	-36.35	-53.35	-41.65	-51.65	10.00	4	0.010	08/21/01	07/09/01	60.70
MW-70-MNA01	02/21/07	2224281.89	6006003.22	57.00	38.00	57.00	40.00	50.00	8.36	8.76	-29.24	-48.24	-31.24	-41.24	10.00	4	0.020	03/15/07	03/15/07	50.42
MW-70-MNA02	02/13/07	2224020.66	6006052.91	47.00	33.00	46.00	35.00	45.00	8.51	8.78	-24.22	-37.22	-26.22	-36.22	10.00	4	0.020	03/06/07	03/06/07	45.58
MW-70-MNA03	02/26/07	2224096.48	6006104.81	47.00	31.00	47.00	35.00	45.00	9.18	9.47	-21.53	-37.53	-25.53	-35.53	10.00	4	0.020	03/06/07	03/06/07	45.42
MW-70-MNA04	02/14/07	2224052.55	6005800.63	47.00	32.00	46.00	35.00	45.00	8.39	8.65	-23.35	-37.35	-26.35	-36.35	10.00	4	0.020	03/05/07	03/05/07	45.66
MW-70-PMW01A	02/26/07	2224162.70	6005948.30	37.00	20.00	37.00	25.00	35.00	8.23	8.51	-11.49	-28.49	-16.49	-26.49	10.00	4	0.020	03/19/07	03/19/07	35.67
MW-70-PMW01B	02/27/07	2224163.30	6005952.70	57.00	41.90	57.00	45.00	55.00	8.21	8.49	-33.41	-48.51	-36.51	-46.51	10.00	4	0.020	03/19/07	03/19/07	55.08
IW-70-SAT01	02/22/07	2224308.07	6005882.81	57.00	20.00	57.00	25.00	55.00	9.21	9.44	-10.56	-47.56	-15.56	-45.56	30.00	4	0.020	03/26/07	03/26/07	55.40
IW-70-SAT02	02/13/07	2224286.80	6005883.15	57.00	20.00	57.00	25.00	55.00	9.19	9.45	-10.55	-47.55	-15.55	-45.55	30.00	4	0.020	04/02/07	04/02/07	55.80
IW-70-SAT03	06/05/07	2224286.83	6005948.18	57.00	22.00	57.00	25.00	55.00	9.16	9.30	-12.7	-47.7	-15.70	-45.70	30.00	4	0.020	06/14/07	06/14/07	54.80
IW-70-SAT04	06/07/07	2224281.63	6005958.82	57.00	20.00	57.00	25.00	55.00	9.01	9.16	-10.84	-47.84	-15.84	-45.84	30.00	4	0.020	06/13/07	06/13/07	52.40
IW-70-SAT05	04/24/07	2224283.87	6005900.79	57.00	21.50	57.00	25.00	55.00	9.39	9.60	-11.9	-47.4	-45.40	-45.40	30.00	4	0.020	05/09/07	05/08/07	54.00
IW-70-SAT06	05/01/07	2224279.17	6005925.75	57.00	21.50	57.00	25.00	55.00	9.14	9.36	-12.14	-47.64	-45.64	-45.64	30.00	4	0.020	05/08/07	05/08/07	55.40
IW-70-SAT07	06/06/07	2224271.70	6005956.20	57.00	21.00	57.00	25.00	55.00	8.89	9.15	-11.85	-47.85	-15.85	-45.85	30.00	4	0.020	06/20/07	06/20/07	54.90
IW-70-SAT08	02/08/07	2224266.79	6005871.29	62.00	20.00	60.00	25.00	55.00	9.00	9.31	-10.69	-50.69	-15.69	-45.69	30.00	4	0.020	04/03/07	04/03/07	53.70
IW-70-SAT09	04/23/07	2224268.38	6005896.88	57.00	22.00	57.00	25.00	55.00	9.18	9.44	-12.56	-47.56	-15.56	-45.56	30.00	4	0.020	05/09/07	05/08/07	55.00
IW-70-SAT10	05/03/07	2224267.02	6005934.82	57.00	22.00	57.00	25.00	55.00	9.26	9.42	-12.58	-47.58	-15.58	-45.58	30.00	4	0.020	05/08/07	05/08/07	55.67
IW-70-SAT11	04/19/07	2224260.42	6005960.01	57.00	22.00	57.00	25.00	55.00	8.95	9.23	-12.77	-47.77	-15.77	-45.77	30.00	4	0.020	06/20/07	06/14/07	52.90
IW-70-SAT12	06/04/07	2224266.96	6005945.79	57.00	20.00	57.00	25.00	55.00	9.24	9.41	-10.59	-47.59	-15.59	-45.59	30.00	4	0.020	06/14/07	06/14/07	55.00
IW-70-SAT13	06/01/07	2224220.16	6005941.83	57.00	20.00	57.00	25.00	55.00	9.10	9.29	-10.71	-47.71	-15.71	-15.71	30.00	4	0.020	06/11/07	06/11/07	55.50
IW-70-SAT14	05/30/07	2224216.81	6005949.90	57.00	20.00	57.00	25.00	55.00	9.20	9.32	-10.68	-47.68	-15.68	-45.68	30.00	4	0.020	06/11/07	06/11/07	55.20
IW-70-SAT15	05/31/07	2224218.67	6005973.62	57.00	20.00	57.00	25.00	55.00	9.12	9.30	-10.7	-47.7	-15.70	-45.70	30.00	4	0.020	06/12/07	06/12/07	55.50
IW-70-SAT16	05/29/07	2224206.66	6005943.24	57.00	20.00	57.00	25.00	55.00	8.93	9.18	-10.82	-47.82	-15.82	-45.82	30.00	4	0.020	06/12/07	06/12/07	53.40
IW-70-SAT17	02/28/07	2224206.64	6005963.27	57.00	21.00	57.00	25.00	55.00	9.06	9.23	-11.77	-47.77	-15.77	-45.77	30.00	4	0.020	03/15/07	03/15/07	55.50
IW-70-SAT18	02/22/07	2224206.59	6005983.32	57.00	20.00	57.00	25.00	55.00	8.61	8.81	-11.19	-48.19	-16.19	-46.19	30.00	4	0.020	03/14/07	03/14/07	55.50
IW-70-SAT19	02/21/07	2224199.76	6005923.20	57.00	20.00	57.00	25.00	55.00	8.66	8.87	-11.13	-48.13	-16.13	-26.13	30.00	4	0.020	03/28/07	03/28/07	55.20
IW-70-SAT20	02/07/07	2224186.41	6005878.23	57.00	21.00	56.00	25.00	55.00	8.63	8.86	-12.14	-47.14	-16.14	-46.14	30.00	4	0.020	03/28/07	03/28/07	53.00
IW-70-SAT21	02/13/07	2224189.36	6005933.56	57.00	20.00	57.00	25.00	55.00	8.65	8.83	-11.17	-48.17	-16.17	-46.17	30.00	4	0.020	03/26/07	03/22/07	55.67
IW-70-SAT22	02/27/07	2224189.38	6005953.39	57.00	20.00	57.00	25.00	55.00	8.69	8.90	-11.1	-48.1	-16.10	-46.10	30.00	4	0.020	03/22/07	03/21/07	55.00
IW-70-SAT23	02/12/07	2224166.93	6005881.47	57.00	20.00	57.00	25.00	55.00	8.50	8.64	-11.36	-48.36	-16.36	-46.36	30.00	4	0.020	03/27/07	03/27/07	53.60
IW-70-SAT24	02/14/07	2224166.75	6005949.70	57.00	20.00	57.00	25.00	55.00	8.30	8.56	-11.44	-48.44	-16.44	-46.44	30.00	4	0.020	03/21/07	03/20/07	55.10
IW-70-SAT25	02/06/07	2224166.69	6005963.20	62.00	21.00	59.00	25.00	55.00	8.34	8.57	-12.43	-50.43	-16.43	-46.43	30.00	4	0.020	03/20/07	03/20/07	55.58
IW-70-SAT26	02/26/07	2224147.43	6005877.11	57.00	20.00	57.00	25.00	55.00	8.10	8.34	-11.66	-48.66	-16.66	-46.66	30.00	4	0.020	03/27/07	03/27/07	55.50
IW-70-SAT27	02/27/07	2224128.90	6005902.08	57.00	20.60	57.00	25.00	55.00	7.98	8.22	-12.38	-48.78	-16.78	-46.78	30.00	4	0.020	03/12/07	03/12/07	55.58
IW-70-SAT28	03/01/07	2224146.56	6005933.34	57.00	19.00	57.00	25.00	55.00	8.13	8.30	-10.7	-48.7	-16.70	-46.70	30.00	4	0.020	04/05/07	04/04/07	55.40
IW-70-SAT29	02/15/07	2224146.68	6005953.13	57.00	20.00	57.00	25.00	55.00	8.24	8.32	-11.68	-48.68	-16.68	-46.68	30.00	4	0.020	03/14/07	03/13/07	55.33
IW-70-SAT30	02/28/07	2224131.36	6005923.41	57.00	21.40	56.00	25.00	55.00	8.22	8.18	-13.22	-47.82	-16.82	-46.82	30.00	4	0.020	03/12/07	03/12/07	55.33
IW-70-SAT31	02/28/07	2224130.42	6005942.91	57.00	21.60	57.00	25.00	55.00	8.18	8.07	-13.53	-48.93	-16.93	-46.93	30.00	4	0.020	03/13/07	03/13/07	56.08
IW-70-SAT32	02/23/07	2224097.57	6005993.18	57.00	21.00	57.00	25.00	55.00	8.53	8.77	-12.23	-48.23	-16.23	-46.23	30.00	4	0.020	03/08/07	03/08/07	55.90
IW-70-SAT33	02/22/07	2224100.53	6006013.44	57.00	21.00	57.00	25.00	55.00	8.56	8.76	-12.24	-48.24	-16.24	-46.24	30.00	4	0.020	03/08/07	03/07/07	55.50
IW-70-SAT34	02/22/07	2224100.68	6006034.35	57.00	21.75	57.00	25.00	55.00	8.65	8.92	-12.83	-48.08	-16.08	-46.08	30.00	4	0.020	03/07/07	03/07/07	56.16
IW-70-SAT35	04/13/10	2224242.29	6005863.16	57.00	21.00	57.00	25.00	55.00	9.02	9.34	-11.66	-47.66	-15.66	-45.66	30.00	4	0.020	04/21/10	04/21/10	56.00
IW-70-SAT36	05/10/10	2224240.96	6005881.59	57.00	21.00	57.00	25.00	55.00	8.86	9.19	-11.81	-47.81	-15.81	-45.81	30.00	4	0.020	05/13/10	05/13/10	55.00

Table 1-2 (continued)

Well Number	Well Installation: Date Installed	Well Installation: Coordinates (feet NAD83): Northing	Well Installation: Coordinates (feet NAD83): Easting	Construction Depths (feet bgs): Borehole Depth	Construction Depths (feet bgs): Filter Pack: Top	Construction Depths (feet bgs): Filter Pack: Bottom	Construction Depths (feet bgs): Screen Interval: Top	Construction Depths (feet bgs): Screen Interval: Bottom	Construction Elevations (feet MSL, NGVD29): TOC	Construction Elevations (feet MSL, NGVD29): Ground Surface	Construction Elevations (feet MSL, NGVD29): Filter Pack: Top	Construction Elevations (feet MSL, NGVD29): Filter Pack: Bottom	Construction Elevations (feet MSL, NGVD29): Screen Interval: Top	Construction Elevations (feet MSL, NGVD29): Screen Interval: Bottom	Screen Dimensions: Length (feet)	Screen Dimensions: Diameter (inches)	Screen Dimensions: Slot Size (inches)	Well Maintenance: Date Last Developed	Well Maintenance: Well Depth: Date Measured	Well Maintenance: Well Depth: Measurement (feet below TOC)
IW-70-SAT37	04/13/10	2224229.21	6005880.64	57.00	22.00	57.00	26.50	56.50	8.96	9.06	-12.94	-47.94	-17.44	-47.44	30.00	4	0.020	05/13/10	05/13/10	55.00
IW-70-SAT38	05/12/10	2224215.28	6005887.15	57.00	21.00	57.00	25.00	55.00	8.77	9.16	-11.84	-47.84	-15.84	-45.84	30.00	4	0.020	05/17/10	05/17/10	55.00
IW-70-SAT39	04/14/10	2224199.16	6005880.05	57.00	21.00	57.00	25.00	55.00	8.63	9.04	-11.96	-47.96	-15.96	-45.96	30.00	4	0.020	04/21/10	04/21/10	55.60
IW-70-SAT40	04/14/10	2224201.29	6005893.29	57.00	21.00	57.00	25.00	55.00	8.75	9.16	-11.84	-47.84	-15.84	-45.84	30.00	4	0.020	04/22/10	04/22/10	55.00
IW-70-SAT41	04/15/10	2224196.03	6005916.09	57.00	20.50	57.00	25.00	55.00	8.55	8.92	-11.58	-48.08	-16.08	-46.08	30.00	4	0.020	04/22/10	04/22/10	55.50
IW-70-SAT42	04/16/10	2224183.70	6005896.09	57.00	21.00	57.00	25.00	55.00	8.77	8.98	-12.02	-48.02	-16.02	-46.02	30.00	4	0.020	04/23/10	04/23/10	55.00
IW-70-SAT43	04/28/10	2224183.59	6005916.47	57.00	21.00	57.00	25.00	55.00	8.42	8.84	-12.16	-48.16	-16.16	-46.16	30.00	4	0.020	05/04/10	05/04/10	55.00
IW-70-SAT44	04/16/10	2224181.51	6005974.36	57.00	21.00	57.00	25.00	55.00	8.43	8.81	-12.19	-48.19	-16.19	-46.19	30.00	4	0.020	04/23/10	04/23/10	54.90
IW-70-SAT45	04/26/10	2224193.23	6005995.85	57.00	21.00	57.00	25.00	55.00	8.30	8.67	-12.33	-48.33	-16.33	-46.33	30.00	4	0.020	05/04/10	05/04/10	55.00
IW-70-SAT46	05/13/10	2224155.27	6005884.75	57.00	21.00	57.00	25.00	55.00	8.19	8.48	-12.52	-48.52	-16.52	-46.52	30.00	4	0.020	05/17/10	05/17/10	55.00
IW-70-SAT47	05/14/10	2224180.44	6005940.92	57.00	21.00	57.00	25.00	55.00	8.44	8.86	-12.14	-48.14	-16.14	-46.14	30.00	4	0.020	05/18/10	05/18/10	55.00
IW-70-SAT48	04/27/10	2224168.70	6005984.54	57.00	21.00	57.00	25.00	55.00	8.42	8.83	-12.17	-48.17	-16.17	-46.17	30.00	4	0.020	05/03/10	05/03/10	55.00
IW-70-SAT49	04/13/10	2224166.15	6006005.15	57.00	21.00	57.00	25.00	55.00	7.96	8.37	-12.63	-48.63	-16.63	-46.63	30.00	4	0.020	04/28/10	04/28/10	55.60
IW-70-SAT50	05/13/10	2224145.73	6005926.70	57.00	21.00	57.00	25.00	55.00	7.97	8.33	-12.67	-48.67	-16.67	-46.67	30.00	4	0.020	05/18/10	05/18/10	55.00
IW-70-SAT51	04/19/10	2224144.99	6005975.30	57.00	21.00	57.00	25.00	55.00	8.00	8.38	-12.62	-48.62	-16.62	-46.62	30.00	4	0.020	04/28/10	04/28/10	55.20
IW-70-SAT52	04/28/10	2224144.89	6005996.09	57.00	21.00	57.00	25.00	55.00	7.94	8.31	-12.69	-48.69	-16.69	-46.69	30.00	4	0.020	05/04/10	05/04/10	55.00
IW-70-SAT53	04/23/10	2224143.90	6006027.57	57.00	21.00	57.00	25.00	55.00	7.77	8.20	-12.8	-48.8	-16.80	-46.80	30.00	4	0.020	04/27/10	04/27/10	56.10
IW-70-SAT54	04/21/10	2224128.75	6005967.94	57.00	21.00	57.00	25.00	55.00	7.73	8.06	-12.94	-48.94	-16.94	-46.94	30.00	4	0.020	04/26/10	04/26/10	55.00
IW-70-SAT55	04/20/10	2224128.29	6005986.14	57.00	21.00	57.00	25.00	55.00	7.80	8.23	-12.77	-48.77	-16.77	-46.77	30.00	4	0.020	04/26/10	04/26/10	55.00
IW-70-SAT56	04/20/10	2224127.58	6006005.90	57.00	20.00	57.00	25.00	55.00	7.65	8.12	-11.88	-48.88	-16.88	-46.88	30.00	4	0.020	04/26/10	04/26/10	56.00
IW-70-SAT57	04/22/10	2224128.64	6005886.17	57.00	21.00	57.00	25.00	55.00	8.13	8.35	-12.65	-48.65	-16.65	-46.65	30.00	4	0.020	04/27/10	04/27/10	56.00
Source Area Biobarrier/First Sand																				
MW-70-MNA05	01/24/07	2224052.67	6005796.72	87.00	67.00	82.00	70.00	80.00	8.46	8.67	-58.33	-73.33	-61.33	-71.33	10.00	4	0.020	02/07/07	02/07/07	81.45
MW-70-PMW02A	02/15/07	2223909.82	6005902.30	82.00	67.84	82.00	70.50	80.50	8.35	8.56	-59.28	-73.44	-61.94	-71.94	10.00	4	0.020	03/01/07	03/01/07	81.33
MW-70-PMW02B	02/21/07	2223912.08	6005905.73	102.00	86.75	102.00	90.00	100.00	8.38	8.57	-78.18	-93.43	-81.43	-91.43	10.00	4	0.020	03/05/07	03/05/07	100.25
MW-70-PMW03A	02/15/07	2223867.82	6005930.07	82.00	66.00	82.00	70.00	80.00	7.94	8.21	-57.79	-73.79	-61.79	-71.79	10.00	4	0.020	03/01/07	03/01/07	80.75
MW-70-PMW03B	02/20/07	2223870.34	6005933.39	102.00	87.00	102.00	90.00	100.00	7.88	8.21	-78.79	-93.79	-81.79	-91.79	10.00	4	0.020	02/28/07	02/28/07	100.91
IW-70-SAB01	01/23/07	2223802.98	6005831.22	120.00	57.00	82.00	60.00	80.00	7.55	7.71	-49.29	-74.29	-52.29	-72.29	20.00	4	0.020	02/06/07	02/06/07	81.30
IW-70-SAB02	01/29/07	2223817.58	6005849.48	117.00	60.00	107.00	65.00	105.00	7.58	7.78	-52.22	-99.22	-57.22	-97.22	40.00	4	0.020	02/06/07	02/06/07	105.60
IW-70-SAB03	01/31/07	2223836.63	6005867.03	107.00	60.00	107.00	65.00	105.00	8.11	8.36	-51.64	-98.64	-56.64	-96.64	40.00	4	0.020	02/23/07	02/23/07	106.50
IW-70-SAB04 (Screen 1)	01/23/07	2223846.50	6005889.02	107.00	57.00	81.00	60.00	80.00	8.14	8.33	-48.67	-72.67	-51.67	-71.67	20.00	4	0.020	02/07/07	02/07/07	105.00
IW-70-SAB04 (Screen 2)	01/23/07	2223846.50	6005889.02	107.00	84.00	106.00	85.00	105.00	8.14	8.33	-75.67	-97.67	-76.67	-96.67	20.00	4	0.020	02/07/07	02/07/07	105.00
IW-70-SAB05	02/07/07	2223861.03	6005908.25	107.00	61.50	107.00	65.00	105.00	7.83	8.07	-53.43	-98.93	-56.93	-96.93	40.00	4	0.020	02/23/07	02/23/07	105.00
IW-70-SAB06 (Screen 1)	02/05/07	2223875.37	6005927.28	117.00	60.00	80.00	65.00	80.00	8.07	8.25	-51.75	-71.75	-56.75	-71.75	15.00	4	0.020	02/27/07	02/27/07	106.08
IW-70-SAB06 (Screen 2)	02/05/07	2223875.37	6005927.28	117.00	85.00	106.00	85.00	105.00	8.07	8.25	-76.75	-97.75	-76.75	-96.75	20.00	4	0.020	02/27/07	02/27/07	106.08
IW-70-SAB07	02/08/07	2223889.57	6005946.53	107.00	60.00	107.00	65.00	105.00	8.18	8.47	-51.53	-98.53	-56.53	-96.53	40.00	4	0.020	02/28/07	02/28/07	105.00
IW-70-SAB08	01/31/07	2223904.42	6005965.58	117.00	60.00	107.00	65.00	105.00	8.36	8.60	-51.40	-98.40	-56.40	-96.40	40.00	4	0.020	02/21/07	02/21/07	105.00
IW-70-SAB09	02/01/07	2223918.58	6005984.74	107.00	59.50	107.00	65.00	105.00	8.46	8.75	-50.75	-98.25	-56.25	-96.25	40.00	4	0.020	02/19/07	02/19/07	105.00
IW-70-SAB10 (Screen 1)	02/05/07	2223927.98	6006003.88	117.00	62.00	87.00	67.00	87.00	8.05	8.09	-53.91	-78.91	-58.91	-78.91	20.00	4	0.020	02/15/07	02/15/07	108.00
IW-70-SAB10 (Screen 2)	02/05/07	2223927.98	6006003.88	117.00	91.00	108.00	92.00	107.00	8.05	8.09	-82.91	-99.91	-83.91	-98.91	15.00	4	0.020	02/15/07	02/15/07	108.00
IW-70-SAB11	02/06/07	2223947.40	6006023.16	107.00	61.00	107.00	65.00	105.00	8.02	8.19	-52.81	-98.81	-56.81	-96.81	40.00	4	0.020	02/15/07	02/15/07	105.40
IW-70-SAB12	01/29/07	2223961.76	6006042.52	117.00	60.00	106.00	65.00	105.00	8.19	8.34	-51.66	-97.66	-56.66	-96.66	40.00	4	0.020	04/04/07	04/04/07	104.70
IW-70-SAB13	04/16/07	2223976.19	6006061.42	106.00	61.00	106.00	65.00	105.00	8.54	8.85	-52.15	-97.15	-56.15	-96.15	40.00	4	0.020	05/07/07	05/07/07	105.50
IW-70-SAB14	01/25/07	2223999.69	6006072.38	107.00	58.50	106.00	60.00	105.00	8.81	9.02	-49.48	-96.98	-50.98	-95.98	45.00	4	0.020	02/08/07	02/08/07	105.00
First Sand Biobarrier 1																				
MW-70-38	09/17/03	2223522.20	6006119.80	101.50	75.00	101.50	80.00	100.00	6.85	4.37	-70.63	-97.13	-75.63	-95.63	20.00	4	0.010	09/24/03	09/16/03	102.98
MW-70-43A	07/19/05	2222847.90	6007211.10	150.00	82.30	108.60	85.50	105.50	10.76	7.93	-71.54	-100.67	-77.57	-97.57	10.00	2	0.010	07/22/05	NM	NM
MW-70-MNA06	05/03/07	2223223.94	6005822.01	92.00	74.50	91.00	80.00	90.00	3.95	4.30	-70.20	-86.70	-75.70	-85.70	10.00	4	0.020	05/08/07	05/08/07	90.30

Table 1-2 (continued)

Well Number	Well Installation			Construction Depths (feet bgs)					Construction Elevations (feet MSL, NGVD29)						Screen Dimensions			Well Maintenance		
		Coordinates (feet NAD83)			Filter Pack		Screen Interval				Filter Pack		Screen Interval						Well Depth	
	Date Installed	Northing	Easting	Borehole Depth	Top	Bottom	Top	Bottom	TOC	Ground Surface	Top	Bottom	Top	Bottom	Length (feet)	Diameter (inches)	Slot Size (inches)	Date Last Developed	Date Measured	Measurement (feet below TOC)
MW-70-MNA07	05/10/07	2223353.52	6006032.68	102.00	86.00	102.00	90.00	100.00	4.63	5.00	-81.00	-97.00	-85.00	-95.00	10.00	4	0.020	05/17/07	05/17/07	99.70
MW-70-MNA08	03/29/07	2223428.52	6006211.91	92.00	75.00	92.00	80.00	90.00	7.66	8.00	-67.00	-84.00	-72.00	-82.00	10.00	4	0.020	04/19/07	04/19/07	90.10
MW-70-MNA11	03/28/07	2223538.78	6006673.87	94.00	75.00	94.00	80.00	90.00	8.30	8.80	-66.20	-85.20	-71.20	-81.20	10.00	4	0.020	04/18/07	04/18/07	89.90
MW-70-PMW04A	05/07/07	2223422.47	6005948.01	92.00	65.00	82.00	70.00	80.00	4.52	5.00	-60.00	-77.00	-65.00	-75.00	10.00	4	0.020	05/21/07	05/21/07	80.10
MW-70-PMW04B	05/08/07	2223422.44	6005942.78	102.00	85.00	99.00	90.00	100.00	4.53	5.00	-80.00	-94.00	-85.00	-95.00	10.00	4	0.020	05/22/07	05/22/07	100.57
MW-70-PMW05A	05/14/07	2223356.43	6005957.41	82.00	64.00	82.00	70.00	80.00	4.21	4.60	-59.40	-77.40	-65.40	-75.40	10.00	4	0.020	08/07/07	08/07/07	80.25
MW-70-PMW05B	05/14/07	2223355.68	6005965.64	102.00	87.00	102.00	90.00	100.00	4.34	4.90	-82.10	-97.10	-85.10	-95.10	10.00	4	0.020	05/23/07	05/23/07	100.35
MW-70-PMW06A	05/08/07	2223555.96	6006088.30	82.00	65.25	80.00	69.50	79.50	4.14	4.60	-60.65	-75.40	-64.90	-74.90	10.00	4	0.020	05/21/07	05/21/07	79.70
MW-70-PMW06B	05/09/07	2223550.60	6006086.34	102.00	85.00	102.00	91.00	101.00	4.16	4.60	-80.40	-97.40	-86.40	-96.40	10.00	4	0.020	05/14/07	05/14/07	101.30
IW-70-FSB101	05/01/07	2223378.30	6005796.47	107.00	56.50	106.00	60.50	105.50	4.49	4.55	-51.95	-101.45	-55.95	-100.95	45.00	4	0.020	05/08/07	05/08/07	105.50
IW-70-FSB102	04/26/07	2223377.60	6005819.46	107.00	56.50	105.00	61.00	106.00	4.38	4.45	-52.05	-100.55	-56.55	-101.55	45.00	4	0.020	05/08/07	05/08/07	103.45
IW-70-FSB103	04/25/07	2223377.79	6005842.17	107.00	56.00	107.00	60.00	105.00	4.31	4.35	-51.65	-102.65	-55.65	-100.65	45.00	4	0.020	05/07/07	05/07/07	105.00
IW-70-FSB104	04/24/07	2223378.19	6005864.40	107.00	55.95	107.00	60.00	105.00	4.35	4.45	-51.5	-102.55	-55.55	-100.55	45.00	4	0.020	NM	NM	105.00
IW-70-FSB105	04/19/07	2223377.45	6005886.78	107.00	57.00	107.00	60.00	105.00	4.51	4.75	-52.25	-102.25	-55.25	-100.25	45.00	4	0.020	05/02/07	05/02/07	105.50
IW-70-FSB106	04/18/07	2223377.49	6005910.28	107.00	57.00	107.00	60.00	105.00	4.48	4.55	-52.45	-102.45	-55.45	-100.45	45.00	4	0.020	05/02/07	05/02/07	106.50
IW-70-FSB107	04/18/07	2223376.75	6005933.24	107.00	54.00	107.00	60.00	105.00	4.39	4.65	-49.35	-102.35	-55.35	-100.35	45.00	4	0.020	05/02/07	05/02/07	103.70
IW-70-FSB108	04/17/07	2223375.30	6005955.71	107.00	56.00	107.00	60.00	105.00	4.64	4.90	-51.1	-102.1	-55.10	-100.10	45.00	4	0.020	05/01/07	05/01/07	105.30
IW-70-FSB109	04/16/07	2223375.40	6005978.82	107.00	56.00	107.00	60.00	105.00	4.72	4.85	-51.15	-102.15	-55.15	-100.15	45.00	4	0.020	04/30/07	04/30/07	105.65
IW-70-FSB110	04/11/07	2223374.32	6006001.81	107.00	54.50	107.00	59.00	104.00	4.46	4.65	-49.85	-102.35	-54.35	-99.35	45.00	4	0.020	04/26/07	04/26/07	104.50
IW-70-FSB111	04/11/07	2223374.26	6006024.77	107.00	55.00	107.00	60.70	105.70	4.08	4.25	-50.75	-102.75	-56.45	-101.45	45.00	4	0.020	04/25/07	04/25/07	105.70
IW-70-FSB112	04/10/07	2223393.48	6006037.31	107.00	55.00	107.00	60.00	105.00	4.04	4.15	-50.85	-102.85	-55.85	-100.85	45.00	4	0.020	04/24/07	04/24/07	104.70
IW-70-FSB113	04/09/07	2222413.19	6006049.43	107.00	55.00	107.00	60.00	105.00	4.26	4.45	-50.55	-102.55	-55.55	-100.55	45.00	4	0.020	04/24/07	04/23/07	104.60
IW-70-FSB114	04/03/07	2223432.63	6006061.39	107.00	57.00	107.00	60.00	105.00	4.32	4.45	-52.55	-102.55	-57.55	-102.55	45.00	4	0.020	04/23/07	04/23/07	103.90
IW-70-FSB115	05/09/07	2223476.05	6006085.17	107.00	58.00	107.00	65.00	105.00	4.21	4.35	-53.65	-102.65	-60.65	-100.65	45.00	4	0.020	05/16/07	05/16/07	106.40
IW-70-FSB116	05/08/07	2223492.98	6006094.23	107.00	55.00	107.00	60.00	105.00	4.13	4.35	-50.65	-102.65	-55.65	-100.65	45.00	4	0.020	05/17/07	05/17/07	105.60
IW-70-FSB117	05/07/07	2223514.06	6006104.40	107.00	61.00	107.00	60.00	105.00	4.09	4.35	-56.65	-102.65	-55.65	-100.65	45.00	4	0.020	05/16/07	05/16/07	105.20
IW-70-FSB118	05/02/07	2223552.40	6006128.68	107.00	55.00	107.00	60.00	105.00	4.42	4.60	-50.4	-102.4	-55.40	-100.40	45.00	4	0.020	05/15/07	05/15/07	105.45
IW-70-FSB119	05/01/07	2223569.99	6006142.21	107.00	55.00	107.00	60.00	105.00	4.44	4.65	-50.35	-102.35	-55.35	-100.35	45.00	4	0.020	05/15/07	05/15/07	105.65
IW-70-FSB120	04/30/07	2223588.30	6006155.56	107.00	55.00	107.00	60.00	105.00	4.66	4.75	-50.25	-102.25	-55.25	-100.25	45.00	4	0.020	05/15/07	05/15/07	105.50
IW-70-FSB121	04/25/07	2223606.06	6006169.28	107.00	55.00	107.00	60.00	105.00	4.68	4.75	-50.25	-102.25	-55.25	-100.25	45.00	4	0.020	05/14/07	05/14/07	105.00
IW-70-FSB122	04/24/07	2223648.83	6006186.92	107.00	55.00	107.00	60.00	105.00	4.86	4.95	-50.05	-102.05	-55.05	-100.05	45.00	4	0.020	05/14/07	05/14/07	105.40
IW-70-FSB123	04/23/07	2223664.05	6006207.36	107.00	55.00	106.00	60.00	105.00	4.96	5.15	-49.85	-100.85	-54.85	-99.85	45.00	4	0.020	05/10/07	05/10/07	105.50
IW-70-FSB124	04/19/07	2223683.35	6006219.55	107.00	53.00	107.00	60.00	105.00	5.25	5.25	-47.75	-101.75	-54.75	-99.75	45.00	4	0.020	05/09/07	05/09/07	105.00
IW-70-FSB125	04/17/07	2223703.25	6006232.21	107.00	56.00	107.00	60.00	105.00	5.21	5.35	-50.65	-101.65	-54.65	-99.65	45.00	4	0.020	05/10/07	05/10/07	105.35
IW-70-FSB126	04/16/07	2223722.50	6006244.80	107.00	54.00	107.00	60.00	105.00	4.96	4.95	-49.05	-102.05	-55.05	-100.05	45.00	4	0.020	05/08/07	05/08/07	105.95
IW-70-FSB127	04/12/07	2223742.00	6006357.78	107.00	57.00	107.00	60.00	105.00	5.14	5.35	-51.65	-101.65	-54.65	-99.65	45.00	4	0.020	04/26/07	04/26/07	105.00
IW-70-FSB128	04/11/07	2223762.66	6006265.42	107.00	55.00	107.00	60.00	105.00	5.98	6.25	-48.75	-100.75	-53.76	-98.75	45.00	4	0.020	05/17/07	05/17/07	105.20
IW-70-FSB129	04/10/07	2223780.39	6006283.15	107.00	57.00	107.00	60.00	105.00	5.95	5.95	-51.05	-101.05	-54.05	-99.05	45.00	4	0.020	04/25/07	04/25/07	105.50
IW-70-FSB130	04/05/07	2223818.20	6006309.06	107.00	56.00	107.00	60.00	105.00	5.45	5.51	-50.49	-101.49	-54.49	-99.49	45.00	4	0.020	04/24/07	04/24/07	104.00
IW-70-FSB131	04/03/07	2223835.73	6006324.05	107.00	53.00	107.00	60.00	105.00	5.39	5.45	-47.55	-101.55	-54.55	-99.55	45.00	4	0.020	04/23/07	04/23/07	105.20
IW-70-FSB132	04/02/07	2223854.61	6006338.08	112.00	55.00	105.00	60.00	105.00	5.47	5.55	-49.45	-99.45	-54.45	-99.45	45.00	4	0.020	04/19/07	04/19/07	105.30
RDO-1	08/19/05	2223799.53	6006296.04	110.00	60.50	107.00	65.10	105.10	5.21	5.35	-55.15	-101.65	-59.75	-99.75	40.00	4	0.020	08/28/07	08/28/07	105.10
RDO-2	08/18/05	2223624.53	6006182.61	110.00	60.50	107.00	65.10	105.10	4.62	4.65	-55.85	-102.35	-60.45	-100.45	40.00	4	0.020	08/29/07	08/29/07	105.10
RDO-3A	08/23/05	2223534.56	6006114.83	31.00	16.50	31.00	20.00	30.00	9.28	7.09	-9.41	-23.91	-12.91	-22.91	10.00	4	0.020	NM	NM	NM
RDO-3B	08/23/05	2223534.56	6006114.83	107.00	61.30	107.00	65.00	105.00	6.96	4.35	-56.95	-102.65	-60.65	-100.65	40.00	4	0.020	09/06/07	09/06/07	106.08
RDO-4	08/16/05	2223452.05	6006074.35	111.50	60.00	107.00	65.00	105.00	4.13	4.15	-55.85	-102.85	-60.85	-100.85	40.00	4	0.020	09/07/07	09/07/07	105.60
RDO-5	08/15/05	2223283.80	6005966.40	107.00	61.00	107.00	65.00	105.00	6.01	4.00	-57.00	-103.00	-61.00	-101.00	40.00	4	0.020	08/19/05	08/19/05	103.39
RDO-6A	08/30/05	2223072.00	6006285.00	109.00	90.30	107.50	95.00	105.00	11.30	9.28	-81.02	-98.22	-85.72	-95.72	10.00	4	0.020	NM	NM	NM

Table 1-2 (continued)

Well Number	Well Installation: Date Installed	Well Installation: Coordinates (feet NAD83): Northing	Well Installation: Coordinates (feet NAD83): Easting	Construction Depths (feet bgs): Borehole Depth	Construction Depths (feet bgs): Filter Pack: Top	Construction Depths (feet bgs): Filter Pack: Bottom	Construction Depths (feet bgs): Screen Interval: Top	Construction Depths (feet bgs): Screen Interval: Bottom	Construction Elevations (feet MSL, NGVD29): TOC	Construction Elevations (feet MSL, NGVD29): Ground Surface	Construction Elevations (feet MSL, NGVD29): Filter Pack: Top	Construction Elevations (feet MSL, NGVD29): Filter Pack: Bottom	Construction Elevations (feet MSL, NGVD29): Screen Interval: Top	Construction Elevations (feet MSL, NGVD29): Screen Interval: Bottom	Screen Dimensions: Length (feet)	Screen Dimensions: Diameter (inches)	Screen Dimensions: Slot Size (inches)	Well Maintenance: Date Last Developed	Well Maintenance: Well Depth: Date Measured	Well Maintenance: Well Depth: Measurement (feet below TOC)
RDO-6B	08/25/05	2223059.00	6006258.00	145.00	125.00	142.00	130.00	140.00	10.60	8.44	-116.56	-133.56	-121.56	-131.56	10.00	4	0.020	08/19/05	08/19/05	103.39
First Sand Biobarrier 2																				
MW-70-MNA09	03/05/07	2222951.70	6006103.60	87.00	60.00	76.00	64.25	74.25	6.82	7.10	-52.90	-68.90	-57.15	-67.15	10.00	4	0.020	04/18/07	04/18/07	73.80
MW-70-MNA10	03/27/07	2223077.90	6006534.00	87.00	71.50	87.00	74.50	84.50	7.01	7.40	-64.10	-79.60	-67.10	-77.10	10.00	4	0.020	05/18/07	04/18/07	84.10
MW-70-MNA12	03/29/07	2222706.20	6006650.50	87.00	70.00	87.00	75.00	85.00	5.85	6.10	-63.90	-80.90	-68.90	-78.90	10.00	4	0.020	04/18/07	04/18/07	85.30
MW-70-PMW07A	03/22/07	2223191.90	6006440.40	77.00	61.00	77.00	65.00	75.00	7.89	8.10	-52.90	-68.90	-56.90	-66.90	10.00	4	0.020	04/04/07	04/04/07	75.40
MW-70-PMW07B	03/27/07	2223194.30	6006445.20	97.00	80.00	97.00	85.00	95.00	7.52	8.00	-72.00	-89.00	-77.00	-87.00	10.00	4	0.020	04/04/07	04/04/07	95.60
MW-70-PMW08A	03/28/07	2223146.80	6006447.80	77.00	60.00	77.00	65.00	75.00	9.04	9.20	-50.80	-67.80	-55.80	-65.80	10.00	4	0.020	04/05/07	04/05/07	75.50
MW-70-PMW08B	03/28/07	2223144.40	6006442.70	97.00	80.00	97.00	85.00	95.00	9.08	9.20	-70.80	-87.80	-75.80	-85.80	10.00	4	0.020	04/09/07	04/05/07	95.50
IW-70-FSB201	03/06/07	2222968.01	6006154.54	107.00	61.00	107.00	65.00	100.00	8.24	8.45	-52.55	-98.55	-56.55	-91.55	35.00	4	0.020	04/17/07	04/17/07	100.30
IW-70-FSB202	03/06/07	2222994.69	6006169.02	107.00	62.50	101.00	65.00	100.00	8.75	8.95	-53.55	-92.05	-56.05	-91.05	35.00	4	0.020	04/16/07	04/16/07	100.10
IW-70-FSB203	03/07/07	2223008.01	6006188.90	107.00	61.00	107.00	65.00	100.00	7.78	7.85	-53.15	-99.15	-57.15	-92.15	35.00	4	0.020	04/17/07	04/17/07	100.40
IW-70-FSB204	03/08/07	2223020.91	6006210.05	107.00	61.00	107.00	65.00	100.00	6.50	6.65	-54.35	-100.35	-58.35	-93.35	35.00	4	0.020	04/12/07	04/12/07	100.90
IW-70-FSB205	03/12/07	2223033.98	6006229.89	107.00	61.00	102.00	65.00	100.00	5.75	5.95	-55.05	-96.05	-59.05	-94.05	35.00	4	0.020	04/16/07	04/16/07	100.60
IW-70-FSB206	03/13/07	2223045.69	6006249.09	107.00	63.00	107.00	65.00	100.00	5.94	6.15	-56.85	-100.85	-58.85	-93.85	35.00	4	0.020	04/12/07	04/12/07	100.10
IW-70-FSB207	03/14/07	2223059.19	6006269.71	107.00	62.00	105.00	65.00	100.00	6.27	6.15	-55.85	-98.85	-58.85	-93.85	35.00	4	0.020	04/12/07	04/12/07	100.00
IW-70-FSB208	03/13/07	2223071.31	6006292.10	107.00	59.00	107.00	65.00	100.00	7.30	7.05	-51.95	-99.95	-57.95	-92.95	35.00	4	0.020	04/11/07	04/11/07	100.00
IW-70-FSB209	03/15/07	2223084.89	6006310.87	107.00	60.00	107.00	65.00	100.00	7.81	8.15	-51.85	-98.85	-56.85	-91.85	35.00	4	0.020	04/11/07	04/11/07	100.00
IW-70-FSB210	03/21/07	2223107.56	6006328.12	102.00	60.00	102.00	65.00	100.00	8.01	8.35	-51.65	-93.65	-56.65	-91.65	35.00	4	0.020	04/10/07	04/10/07	100.40
IW-70-FSB211	03/20/07	2223111.01	6006352.02	102.00	62.00	102.00	65.00	100.00	8.84	9.13	-52.87	-92.87	-55.87	-90.87	35.00	4	0.020	04/11/07	04/11/07	99.90
IW-70-FSB212	03/19/07	2223124.06	6006371.93	102.00	61.00	102.00	65.00	100.00	8.72	9.03	-51.97	-92.97	-55.97	-90.97	35.00	4	0.020	04/09/07	04/09/07	99.50
IW-70-FSB213	03/20/07	2223135.90	6006391.89	102.00	60.33	102.00	65.00	100.00	8.69	8.88	-51.45	-93.12	-56.12	-91.12	35.00	4	0.020	04/10/07	04/10/07	100.30
IW-70-FSB214	03/20/07	2223148.98	6006411.70	102.00	59.83	102.00	65.00	100.00	8.75	8.96	-50.87	-93.04	-56.04	-91.05	35.00	4	0.020	04/09/07	04/09/07	100.00
IW-70-FSB215	03/05/07	2223162.09	6006433.16	102.00	61.00	102.00	66.00	101.00	8.53	8.55	-52.45	-93.45	-57.45	-92.45	35.00	4	0.020	04/05/07	04/05/07	99.50
IW-70-FSB216	03/06/07	2223174.70	6006453.10	102.00	61.00	102.00	65.00	100.00	8.34	8.60	-52.40	-93.40	-56.40	-91.40	35.00	4	0.020	04/09/07	04/05/07	99.70
IW-70-FSB217	03/06/07	2223187.76	6006472.94	102.00	61.00	102.00	65.00	100.00	8.33	8.45	-52.55	-93.55	-56.55	-91.55	35.00	4	0.020	04/04/07	04/04/07	100.00
IW-70-FSB218	03/07/07	2223202.19	6006493.55	102.00	60.00	102.00	65.00	100.00	8.39	8.45	-51.55	-93.55	-56.55	-91.55	35.00	4	0.020	04/04/07	04/04/07	99.95
IW-70-FSB219	03/07/07	2223213.05	6006514.05	102.00	61.00	102.00	65.50	100.50	8.14	8.25	-52.75	-93.75	-57.25	-92.25	35.00	4	0.020	04/03/07	04/03/07	100.20
IW-70-FSB220	03/26/07	2223236.28	6006523.70	102.00	62.00	102.00	65.00	100.00	7.70	7.75	-54.25	-94.25	-57.25	-92.25	35.00	4	0.020	04/02/07	04/02/07	100.60
IW-70-FSB221	03/08/07	2223239.02	6006554.31	102.00	54.00	102.00	65.00	100.00	7.43	7.55	-46.45	-94.45	-57.45	-92.45	35.00	4	0.020	04/03/07	04/03/07	100.20
IW-70-FSB222	03/12/07	2223251.90	6006575.07	102.00	60.00	102.00	65.00	100.00	7.47	7.55	-52.45	-94.45	-57.45	-92.45	35.00	4	0.020	03/29/07	03/29/07	100.30
IW-70-FSB223	03/13/07	2223263.90	6006595.39	102.00	60.00	102.00	65.00	100.00	7.48	7.65	-52.35	-94.35	-57.35	-92.35	35.00	4	0.020	03/28/07	03/28/07	100.00
IW-70-FSB224	03/13/07	2223274.28	6006617.78	102.00	60.00	102.00	65.00	100.00	7.37	7.35	-52.65	-94.65	-57.65	-92.65	35.00	4	0.020	03/29/07	03/29/07	100.30
IW-70-FSB225	03/15/07	2223283.98	6006640.13	102.00	58.66	102.00	65.00	100.00	7.09	6.95	-51.71	-95.05	-58.05	-93.05	35.00	4	0.020	03/28/07	03/28/07	100.50
IW-70-FSB226	03/15/07	2223292.06	6006663.09	102.00	59.33	102.00	65.00	100.00	7.22	7.25	-52.08	-94.75	-57.75	-92.75	35.00	4	0.020	03/28/07	03/28/07	100.00
IW-70-FSB227	03/19/07	2223293.29	6006693.53	102.00	60.00	102.00	65.00	100.00	6.91	6.95	-53.05	-95.05	-58.05	-93.05	35.00	4	0.020	03/27/07	03/27/07	100.70
IW-70-FSB228	03/21/07	2223321.92	6006698.54	102.00	60.00	102.00	65.00	100.00	6.94	6.85	-53.15	-95.15	-58.05	-93.05	35.00	4	0.020	03/28/07	03/28/07	98.45
IW-70-FSB229	03/22/07	2223341.19	6006714.70	102.00	60.00	102.00	65.00	100.00	6.83	7.05	-52.95	-94.95	-57.95	-92.95	35.00	4	0.020	03/27/07	03/27/07	99.70
Shell Horizon Biobarrier 1																				
MW-70-MNA13	07/17/07	2222951.31	6006096.89	128.00	113.00	128.00	115.00	125.00	6.64	6.90	-106.10	-121.10	-108.10	-118.10	10.00	4	0.020	07/30/07	07/30/07	121.50
MW-70-PMW09	06/28/07	2223253.90	6006226.30	132.00	117.00	132.00	120.00	130.00	6.82	7.00	-110.00	-125.00	-113.00	-123.00	10.00	4	0.020	07/10/07	07/10/07	130.59
MW-70-PMW10	08/02/07	2223215.80	6006247.20	132.00	116.00	132.00	120.00	130.00	6.60	7.00	-109.00	-125.00	-113.00	-123.00	10.00	4	0.020	07/09/07	07/09/07	130.70
IW-70-SHB101	05/22/07	2223111.23	6006007.76	137.00	101.00	137.00	105.00	130.00	7.77	7.95	-93.05	-129.05	-97.05	-122.05	25.00	4	0.200	06/28/07	06/28/07	128.10
IW-70-SHB102	07/17/07	2223127.25	6006021.88	132.00	102.00	132.00	105.00	130.00	8.10	8.45	-93.55	-123.55	-96.55	-121.55	25.00	4	0.200	07/31/07	07/31/07	129.52
IW-70-SHB103	07/26/07	2223136.27	6006040.01	132.00	100.00	132.00	105.00	130.00	8.65	8.86	-91.14	-123.14	-96.14	-121.14	25.00	4	0.200	08/08/07	08/08/07	121.40
IW-70-SHB104	07/30/07	2223144.96	6006057.96	132.00	100.00	132.00	105.00	130.00	8.83	9.03	-90.97	-122.97	-95.97	-120.97	25.00	4	0.200	08/02/07	08/02/07	129.90
IW-70-SHB105	07/31/07	2223154.22	6006076.12	132.00	101.00	132.00	105.00	130.00	8.67	8.82	-92.18	-123.18	-96.18	-121.18	25.00	4	0.200	08/08/07	08/08/07	129.15
IW-70-SHB106	07/10/07	2223163.10	6006093.86	132.00	99.00	132.00	105.00	130.00	8.36	8.89	-90.11	-123.11	-96.11	-121.11	25.00	4	0.200	08/02/07	08/02/07	129.40

Table 1-2 (continued)

	Well Installation			Construction Depths (feet bgs)					Construction Elevations (feet MSL, NGVD29)						Screen Dimensions			Well Maintenance		
		Coordinates (feet NAD83)			Filter Pack		Screen Interval				Filter Pack		Screen Interval						Well Depth	
Well Number	Date Installed	Northing	Easting	Borehole Depth	Top	Bottom	Top	Bottom	TOC	Ground Surface	Top	Bottom	Top	Bottom	Length (feet)	Diameter (inches)	Slot Size (inches)	Date Last Developed	Date Measured	Measurement (feet below TOC)
IW-70-SHB107	06/18/07	2223172.96	6006113.11	132.00	100.00	132.00	105.00	130.00	8.40	8.45	-91.55	-123.55	-96.55	-121.55	25.00	4	0.200	07/03/07	07/03/07	129.80
IW-70-SHB108 (Screen 1)	06/20/07	2223181.38	6006129.32	132.00	100.00	111.50	105.00	110.00	8.58	8.65	-91.35	-102.85	-96.35	-101.35	5.00	4	0.200	07/10/07	07/10/07	130.00
IW-70-SHB108 (Screen 2)	06/20/07	2223181.38	6006129.32	132.00	113.50	132.00	115.00	130.00	8.58	8.65	-104.85	-123.35	-106.35	-121.35	15.00	4	0.200	07/10/07	07/10/07	130.00
IW-70-SHB109 (Screen 1)	06/21/07	2223190.18	6006146.80	135.00	94.50	110.50	100.00	110.00	8.20	8.45	-86.05	-102.05	-91.55	-101.55	10.00	4	0.200	07/11/07	07/11/07	130.55
IW-70-SHB109 (Screen 2)	06/21/07	2223190.18	6006146.80	135.00	114.00	135.00	115.00	130.00	8.20	8.45	-105.55	-126.55	-106.55	-121.55	15.00	4	0.200	07/11/07	07/11/07	130.55
IW-70-SHB110	06/26/07	2223200.36	6006164.79	132.00	101.00	132.00	105.00	130.00	8.50	8.45	-92.55	-123.55	-96.55	-121.55	25.00	4	0.200	07/31/07	07/31/07	129.25
IW-70-SHB111 (Screen 1)	07/09/07	2223228.40	6006171.38	132.00	95.00	112.50	100.00	110.00	8.31	8.55	-86.45	-103.95	-91.45	-101.45	10.00	4	0.200	07/30/07	07/30/07	127.54
IW-70-SHB111 (Screen 2)	07/09/07	2223228.40	6006171.38	132.00	115.00	132.00	120.00	130.00	8.31	8.55	-106.45	-123.45	-111.45	-121.45	10.00	4	0.200	07/30/07	07/30/07	127.54
IW-70-SHB112 (Screen 1)	06/28/07	2223218.79	6006200.98	132.00	94.50	110.50	100.00	110.00	8.21	8.25	-86.25	-102.25	-91.75	-101.75	10.00	4	0.200	07/11/07	07/11/07	130.50
IW-70-SHB112 (Screen 2)	06/28/07	2223218.79	6006200.98	132.00	113.00	132.00	115.00	130.00	8.21	8.25	-104.75	-123.75	-106.75	-121.75	15.00	4	0.200	07/11/07	07/11/07	130.50
IW-70-SHB113	05/16/07	2223226.40	6006218.07	132.00	100.00	132.00	105.00	130.00	7.49	7.60	-92.40	-124.40	-97.40	-122.40	25.00	4	0.020	05/24/07	06/27/07	131.20
IW-70-SHB114	05/21/07	2223236.09	6006235.54	137.00	100.00	137.00	105.00	130.00	6.72	6.85	-93.15	-130.15	-98.15	-123.15	25.00	4	0.020	05/23/07	05/23/07	130.35
IW-70-SHB115 (Screen 1)	05/30/07	2223244.79	6006254.10	132.00	100.00	110.50	105.00	110.00	6.33	6.55	-93.45	-103.95	-98.45	-103.45	5.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB115 (Screen 2)	05/30/07	2223244.79	6006254.10	132.00	111.00	132.00	115.00	130.00	6.33	6.55	-104.45	-125.45	-108.45	-123.45	15.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB116 (Screen 1)	5/31/1/07	2223254.20	6006271.93	132.00	99.00	111.50	105.00	110.00	6.41	6.55	-92.45	-104.95	-98.45	-103.45	5.00	4	0.020	06/27/07	06/27/07	130.80
IW-70-SHB116 (Screen 2)	5/31-6/1/07	2223254.20	6006271.93	132.00	112.50	132.00	115.00	130.00	6.41	6.55	-105.95	-125.45	-108.45	-123.45	15.00	4	0.020	06/27/07	06/27/07	130.80
IW-70-SHB117 (Screen 1)	06/06/07	2223262.61	6006290.12	132.00	100.50	111.00	105.50	110.50	6.48	6.65	-93.85	-104.35	-98.85	-103.85	5.00	4	0.020	07/09/07	07/09/07	130.00
IW-70-SHB117 (Screen 2)	06/06/07	2223262.61	6006290.12	132.00	113.00	131.00	115.50	130.50	6.48	6.65	-106.35	-124.35	-108.85	-123.85	15.00	4	0.020	07/09/07	07/09/07	130.00
IW-70-SHB118 (Screen 1)	06/13/07	2223279.23	6006304.06	132.00	93.00	110.50	100.00	110.00	6.31	6.55	-86.45	-103.95	-93.45	-103.45	10.00	4	0.020	07/02/07	07/02/07	128.70
IW-70-SHB118 (Screen 2)	06/13/07	2223279.23	6006304.06	132.00	114.00	132.00	115.00	130.00	6.31	6.55	-107.45	-125.45	-108.45	-123.45	15.00	4	0.020	07/02/07	07/02/07	128.70
IW-70-SHB119 (Screen 1)	06/19/07	2223288.27	6006320.24	132.00	98.00	110.50	100.00	110.00	7.00	7.25	-90.75	-103.25	-92.75	-102.75	10.00	4	0.020	06/28/07	06/28/07	130.30
IW-70-SHB119 (Screen 2)	06/19/07	2223288.27	6006320.24	132.00	114.00	132.00	115.00	130.00	7.00	7.25	-106.75	-124.75	-107.75	-122.75	15.00	4	0.020	06/28/07	06/28/07	130.30
IW-70-SHB120 (Screen 1)	06/21/07	2223289.71	6006342.88	137.00	96.00	112.00	100.00	110.00	7.83	8.05	-87.95	-103.95	-91.95	-101.95	10.00	4	0.020	06/27/07	06/28/07	130.60
IW-70-SHB120 (Screen 2)	06/21/07	2223289.71	6006342.88	137.00	117.00	132.00	120.00	130.00	7.83	8.05	-108.95	-123.95	-111.95	-121.95	10.00	4	0.020	06/28/07	06/28/07	130.60
IW-70-SHB121 (Screen 1)	06/14/07	2223298.01	6006360.94	132.00	98.00	112.00	100.00	110.00	8.57	8.75	-89.25	-103.25	-91.25	-101.25	10.00	4	0.020	06/27/07	06/27/07	130.00
IW-70-SHB121 (Screen 2)	06/14/07	2223298.01	6006360.94	132.00	117.00	132.00	120.00	130.00	8.57	8.75	-108.25	-123.25	-111.25	-121.25	10.00	4	0.020	06/27/07	06/27/07	130.00
IW-70-SHB122 (Screen 1)	06/13/07	2223303.82	6006380.97	132.00	96.00	112.00	100.00	110.00	8.15	8.35	-87.65	-103.65	-91.65	-101.65	10.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB122 (Screen 2)	06/13/07	2223303.82	6006380.97	132.00	117.50	132.00	120.00	130.00	8.15	8.35	-109.15	-123.65	-111.65	-121.65	10.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB123 (Screen 1)	06/11/07	2223302.16	6006405.55	132.00	97.00	112.00	100.00	110.00	6.46	6.55	-90.45	-105.45	-93.45	-103.45	10.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB123 (Screen 2)	06/11/07	2223302.16	6006405.55	132.00	119.00	132.00	120.00	130.00	6.46	6.55	-112.45	-125.45	-113.45	-123.45	10.00	4	0.020	06/26/07	06/26/07	130.00
IW-70-SHB124 (Screen 1)	06/01/07	2223337.35	6006409.84	132.00	100.00	112.00	105.00	110.00	7.58	7.65	-92.35	-104.35	-97.35	-102.35	5.00	4	0.020	06/19/07	06/19/07	130.00
IW-70-SHB124 (Screen 2)	06/01/07	2223337.35	6006409.84	132.00	113.00	132.00	115.00	130.00	7.58	7.65	-105.35	-124.35	-107.35	-122.35	15.00	4	0.020	06/19/07	06/19/07	130.00
IW-70-SHB125	05/31/07	2223336.14	6006431.77	135.00	100.00	135.00	105.00	130.00	6.53	6.65	-93.35	-128.35	-98.35	-123.35	15.00	4	0.020	06/20/07	06/20/07	130.30
IW-70-SHB126 (Screen 1)	05/30/07	2223345.25	6006449.68	132.00	101.00	112.00	105.00	110.00	6.57	6.65	-94.35	-105.35	-98.35	-103.35	5.00	4	0.020	06/21/07	06/21/07	130.60
IW-70-SHB126 (Screen 2)	05/30/07	2223345.25	6006449.68	132.00	113.08	132.00	115.00	130.00	6.57	6.65	-106.43	-125.35	-108.35	-123.35	15.00	4	0.020	06/21/07	06/21/07	130.60
IW-70-SHB127	05/17/07	2223353.91	6006467.89	132.00	99.00	132.00	103.50	128.50	6.79	6.85	-92.15	-125.15	-96.65	-121.65	25.00	4	0.020	05/24/07	05/24/07	127.60
IW-70-SHB128	05/16/07	2223362.83	6006485.63	132.00	102.00	132.00	105.00	130.00	7.61	7.75	-94.25	-124.25	-97.25	-122.25	25.00	4	0.020	05/22/07	05/22/07	130.85
IW-70-SHB129 (Screen 1)	07/11/07	2223371.33	6006504.09	132.00	96.00	112.00	100.00	110.00	8.58	8.75	-87.25	-103.25	-91.25	-101.25	10.00	4	0.020	08/01/07	08/01/07	130.00
IW-70-SHB129 (Screen 2)	07/11/07	2223371.33	6006504.09	132.00	116.00	132.00	120.00	130.00	8.58	8.75	-107.25	-123.25	-111.25	-121.25	10.00	4	0.020	08/01/07	08/01/07	130.00
IW-70-SHB130 (Screen 1)	07/13/07	2223380.74	6006521.04	132.00	97.00	110.00	100.00	110.00	9.01	9.16	-87.84	-100.84	-100.84	-110.84	10.00	4	0.020	08/01/07	08/01/07	130.00
IW-70-SHB130 (Screen 2)	07/13/07	2223380.74	6006521.04	132.00	116.00	132.00	120.00	130.00	9.01	9.16	-106.84	-122.84	-110.84	-120.84	10.00	4	0.020	08/01/07	08/01/07	130.00
IW-70-SHB131 (Screen 1)	07/12/07	2223389.92	6006538.90	132.00	97.00	112.00	100.00	110.00	9.06	9.19	-87.81	-102.81	-90.81	-100.81	10.00	4	0.020	08/01/07	08/01/07	129.90
IW-70-SHB131 (Screen 2)	07/12/07	2223389.92	6006538.90	132.00	116.00	132.00	120.00	130.00	9.06	9.19	-106.81	-122.81	-110.81	-120.81	10.00	4	0.020	08/01/07	08/01/07	129.90
IW-70-SHB132 (Screen 1)	06/07/07	2223398.76	6006557.30	135.00	101.00	111.20	105.00	110.00	8.57	8.65	-92.35	-102.55	-96.35	-101.35	5.00	4	0.020	06/25/07	06/25/07	132.90
IW-70-SHB132 (Screen 2)	06/07/07	2223398.76	6006557.30	135.00	113.50	135.00	115.00	130.00	8.57	8.65	-104.85	-126.35	-110.35	-120.35	15.00	4	0.020	06/25/07	06/25/07	132.90
IW-70-SHB133 (Screen 1)	06/05/07	2223407.64	6006574.95	132.00	98.00	113.00	100.00	110.00	8.34	8.55	-89.45	-104.45	-91.45	-101.45	10.00	4	0.020	06/21/07	06/21/07	130.35
IW-70-SHB133 (Screen 2)	06/05/07	2223407.64	6006574.95	132.00	118.00	132.00	120.00	130.00	8.34	8.55	-109.45	-123.45	-111.45	-121.45	10.00	4	0.020	06/21/07	06/21/07	130.35
IW-70-SHB134 (Screen 1)	06/04/07	2223416.72	6006593.08	132.00	100.00	117.00	105.00	115.00	9.01	9.15	-90.85	-107.85	-95.85	-105.85	10.00	4	0.020	06/20/07	06/20/07	130.60

Table 1-2 (continued)

Well Number	Well Installation			Construction Depths (feet bgs)					Construction Elevations (feet MSL, NGVD29)						Screen Dimensions			Well Maintenance		
		Coordinates (feet NAD83)			Filter Pack		Screen Interval				Filter Pack		Screen Interval						Well Depth	
	Date Installed	Northing	Easting	Borehole Depth	Top	Bottom	Top	Bottom	TOC	Ground Surface	Top	Bottom	Top	Bottom	Length (feet)	Diameter (inches)	Slot Size (inches)	Date Last Developed	Date Measured	Measurement (feet below TOC)
IW-70-SHB134 (Screen 2)	06/04/07	2223416.72	6006593.08	132.00	118.00	132.00	120.00	130.00	9.01	9.15	-108.85	-122.85	-110.85	-120.85	10.00	4	0.020	06/20/07	06/20/07	130.60
IW-70-SHB135 (Screen 1)	07/02/07	2223426.03	6006610.97	134.00	99.00	112.50	105.00	110.00	9.17	9.28	-89.72	-103.22	-95.72	-100.72	5.00	4	0.020	07/11/07	07/11/07	130.50
IW-70-SHB135 (Screen 2)	07/02/07	2223426.03	6006610.97	134.00	117.00	134.00	120.00	130.00	9.17	9.28	-107.72	-124.72	-110.72	-120.72	10.00	4	0.020	07/11/07	07/11/07	130.50
IW-70-SHB136 (Screen 1)	07/09/07	2223436.16	6006627.91	132.00	103.00	112.00	105.00	110.00	9.12	9.24	-93.76	-102.76	-95.76	-100.76	5.00	4	0.020	07/11/07	07/11/07	130.33
IW-70-SHB136 (Screen 2)	07/09/07	2223436.16	6006627.91	132.00	116.00	132.00	120.00	130.00	9.12	9.24	-106.76	-122.76	-110.76	-120.76	10.00	4	0.020	07/11/07	07/11/07	130.33
IW-70-SHB137 (Screen 1)	05/29/07	2223444.88	6006646.03	137.00	100.00	117.00	105.00	115.00	9.02	9.14	-90.86	-107.86	-95.86	-100.86	10.00	4	0.020	06/19/07	06/19/07	130.90
IW-70-SHB137 (Screen 2)	05/29/07	2223444.88	6006646.03	137.00	118.00	137.00	120.00	130.00	9.02	9.14	-108.86	-127.86	-110.86	-120.86	10.00	4	0.020	06/19/07	06/19/07	130.90
IW-70-SHB201	05/23/07	2222510.01	6006405.50	137.00	100.00	132.00	105.00	130.00	7.63	7.45	-92.55	-124.55	-97.55	-122.55	25.00	4	0.020	08/02/07	08/02/07	130.50
IW-70-SHB217	05/24/07	2222624.89	6006709.51	137.00	100.00	137.00	105.00	130.00	8.67	8.70	-91.30	-128.30	-96.30	-121.30	25.00	4	0.020	07/12/07	07/12/07	130.50
IW-70-SHB232	05/23/07	2222844.20	6006893.69	137.00	101.00	131.00	105.00	130.00	7.93	7.85	-93.15	-123.15	-97.15	-122.15	25.00	4	0.020	07/12/07	07/12/07	130.50
Shell Horizon Biobarrier 3																				
MW-70-MNA14	07/13/07	2222157.30	6007254.70	130.00	110.00	130.00	115.00	125.00	8.86	9.20	-100.80	-120.80	-105.80	-115.80	10.00	4	0.020	07/30/07	07/30/07	125.80
MW-70-PMW11A	08/14/07	2222552.20	6007015.00	97.00	81.00	95.00	85.00	95.00	8.13	8.40	-72.60	-86.60	-76.60	-86.60	10.00	4	0.020	09/07/07	09/07/07	95.95
MW-70-PMW11B	08/23/07	2222545.80	6007013.60	127.00	110.00	127.00	115.00	125.00	7.95	8.30	-101.70	-118.70	-106.70	-116.70	10.00	4	0.020	09/06/07	09/06/07	125.30
MW-70-PMW12A	08/14/07	2222526.80	6007058.10	97.00	79.00	97.00	85.00	95.00	7.86	8.20	-70.80	-88.80	-76.80	-86.80	10.00	4	0.020	09/05/07	09/05/07	94.90
MW-70-PMW12B	08/10/07	2222518.10	6007051.40	127.00	110.00	127.00	115.00	125.00	8.09	8.30	-101.70	-118.70	-106.70	-116.70	10.00	4	0.020	08/22/07	08/22/07	125.50
IW-70-SHB301 (Screen 1)	07/26/07	2222266.64	6006863.01	132.00	76.00	97.00	80.00	95.00	7.96	8.23	-67.77	-88.77	-71.77	-86.77	15.00	4	0.020	08/08/07	08/08/07	129.20
IW-70-SHB301 (Screen 2)	07/26/07	2222266.64	6006863.01	132.00	103.00	132.00	105.00	130.00	7.96	8.23	-94.77	-123.77	-96.77	-121.77	25.00	4	0.020	08/08/07	08/08/07	129.20
IW-70-SHB302 (Screen 1)	07/31/07	2222286.47	6006875.79	132.00	76.00	97.00	80.00	95.00	8.07	8.38	-67.62	-88.62	-71.62	-86.62	15.00	4	0.020	08/08/07	08/08/07	129.75
IW-70-SHB302 (Screen 2)	07/31/07	2222286.47	6006875.79	132.00	102.50	132.00	105.00	130.00	8.07	8.38	-94.12	-123.62	-96.62	-121.62	25.00	4	0.020	08/08/07	08/08/07	129.75
IW-70-SHB303 (Screen 1)	08/01/07	2222306.99	6006888.87	132.00	75.50	96.50	80.00	95.00	8.46	8.78	-66.72	-87.72	-71.22	-86.22	15.00	4	0.020	08/09/07	08/09/07	130.00
IW-70-SHB303 (Screen 2)	08/01/07	2222306.99	6006888.87	132.00	101.50	132.00	105.00	130.00	8.46	8.78	-92.72	-123.22	-96.22	-121.22	25.00	4	0.020	08/09/07	08/09/07	130.00
IW-70-SHB304 (Screen 1)	07/23/07	2222330.86	6006904.23	132.00	77.00	100.00	82.00	97.00	8.67	9.07	-67.93	-90.93	-72.93	-87.93	10.00	4	0.020	08/10/07	08/10/07	127.00
IW-70-SHB304 (Screen 2)	07/23/07	2222330.86	6006904.23	132.00	104.00	132.00	107.00	127.00	8.67	9.07	-94.93	-122.93	-97.93	-117.93	20.00	4	0.020	08/10/07	08/10/07	127.00
IW-70-SHB305 (Screen 1)	07/24/07	2222347.45	6006915.08	132.00	76.00	97.00	80.50	95.50	8.88	9.15	-66.85	-87.85	-71.35	-86.35	15.00	4	0.020	08/13/07	08/13/07	130.50
IW-70-SHB305 (Screen 2)	07/24/07	2222347.45	6006915.08	132.00	103.00	132.00	105.50	130.50	8.88	9.15	-93.85	-122.85	-96.35	-121.35	25.00	4	0.020	08/13/07	08/13/07	130.50
IW-70-SHB306 (Screen 1)	08/07/07	2222367.42	6006928.33	132.00	76.50	97.00	80.00	95.00	8.91	9.11	-67.39	-87.89	-70.89	-85.89	15.00	4	0.020	08/15/07	08/15/07	130.00
IW-70-SHB306 (Screen 2)	08/07/07	2222367.42	6006928.33	132.00	103.00	131.50	105.00	130.00	8.91	9.11	-93.89	-122.39	-95.89	-120.89	25.00	4	0.020	08/15/07	08/15/07	130.00
IW-70-SHB307 (Screen 1)	08/08/07	2222387.55	6006941.19	133.00	77.00	97.00	80.00	95.00	8.70	9.13	-67.87	-87.87	-70.87	-85.87	15.00	4	0.020	08/22/07	08/22/07	130.00
IW-70-SHB307 (Screen 2)	08/08/07	2222387.55	6006941.19	133.00	102.50	133.00	105.00	130.00	8.70	9.13	-93.37	-123.87	-95.87	-120.87	25.00	4	0.020	08/22/07	08/22/07	130.00
IW-70-SHB308 (Screen 1)	08/10/07	2222407.92	6006954.21	132.00	76.40	97.00	80.00	95.00	8.89	9.07	-67.33	-87.93	-70.93	-85.93	15.00	4	0.020	08/16/07	08/16/07	129.60
IW-70-SHB308 (Screen 2)	08/10/07	2222407.92	6006954.21	132.00	103.00	132.00	105.00	130.00	8.89	9.07	-93.93	-122.93	-95.93	-120.93	25.00	4	0.020	08/16/07	08/16/07	129.60
IW-70-SHB309 (Screen 1)	07/26/07	2222427.88	6006967.25	132.00	75.00	97.00	80.00	95.00	8.89	9.09	-65.91	-87.91	-70.91	-85.91	15.00	4	0.020	08/23/07	08/23/07	130.50
IW-70-SHB309 (Screen 2)	07/26/07	2222427.88	6006967.25	132.00	103.00	130.50	105.00	130.00	8.89	9.09	-93.91	-121.41	-95.91	-120.91	25.00	4	0.020	08/23/07	08/23/07	130.50
IW-70-SHB310 (Screen 1)	07/30/07	2222447.97	6006980.50	137.00	77.00	95.00	80.00	95.00	8.73	9.11	-67.89	-85.89	-70.89	-85.89	15.00	4	0.020	08/27/07	08/27/07	130.70
IW-70-SHB310 (Screen 2)	07/30/07	2222447.97	6006980.50	137.00	103.00	132.00	105.00	130.00	8.73	9.11	-93.89	-122.89	-95.89	-120.89	25.00	4	0.020	08/27/07	08/27/07	130.70
IW-70-SHB311 (Screen 1)	08/01/07	2222466.38	6006996.03	132.00	76.00	98.00	80.00	95.00	8.78	9.06	-66.94	-88.94	-70.94	-85.94	15.00	4	0.020	08/14/07	08/14/07	130.00
IW-70-SHB311 (Screen 2)	08/01/07	2222466.38	6006996.03	132.00	103.00	132.00	105.00	130.00	8.78	9.06	-93.94	-122.94	-95.94	-120.94	25.00	4	0.020	08/14/07	08/14/07	130.00
IW-70-SHB312 (Screen 1)	07/25/07	2222488.35	6007006.82	132.00	76.70	102.00	80.00	100.00	8.67	8.78	-67.92	-93.22	-71.22	-91.22	20.00	4	0.020	08/13/07	08/13/07	131.00
IW-70-SHB312 (Screen 2)	07/25/07	2222488.35	6007006.82	132.00	108.00	132.00	110.00	130.00	8.67	8.78	-99.22	-123.22	-101.22	-121.22	20.00	4	0.020	08/13/07	08/13/07	131.00
IW-70-SHB313 (Screen 1)	07/23/07	2222508.44	6007019.69	132.00	76.00	103.00	80.50	100.50	8.26	8.46	-67.54	-94.54	-72.04	-92.04	20.00	4	0.020	08/10/07	08/10/07	129.55
IW-70-SHB313 (Screen 2)	07/23/07	2222508.44	6007019.69	132.00	108.00	132.00	110.50	130.50	8.26	8.46	-99.54	-123.54	-102.04	-122.04	20.00	4	0.020	08/10/07	08/10/07	129.55
IW-70-SHB314 (Screen 1)	08/09/07	2222527.76	6007033.48	132.00	75.00	102.00	80.00	100.00	7.88	8.05	-66.95	-93.95	-71.95	-91.95	20.00	4	0.020	08/20/07	08/20/07	129.80
IW-70-SHB314 (Screen 2)	08/09/07	2222527.76	6007033.48	132.00	107.00	132.00	110.00	130.00	7.88	8.05	-98.95	-123.95	-101.95	-121.95	20.00	4	0.020	08/20/07	08/20/07	129.80
IW-70-SHB315 (Screen 1)	08/08/07	2222544.33	6007043.63	132.00	75.50	102.00	80.00	100.00	8.06	8.25	-67.25	-93.75	-71.75	-91.75	20.00	4	0.020	08/21/07	08/21/07	129.80
IW-70-SHB315 (Screen 2)	08/08/07	2222544.33	6007043.63	132.00	107.50	132.00	110.00	130.00	8.06	8.25	-99.25	-123.75	-101.75	-121.75	20.00	4	0.020	08/21/07	08/21/07	129.80
IW-70-SHB316 (Screen 1)	07/18/07	2222561.57	6007056.54	132.00	75.50	102.50	80.00	100.00	8.77	8.95	-66.55	-93.55	-71.05	-91.05	20.00	4	0.020	08/07/07	08/07/07	129.70
IW-70-SHB316 (Screen 2)	07/18/07	2222561.57	6007056.54	132.00	107.00	132.00	110.00	130.00	8.77	8.95	-98.05	-123.05	-101.05	-121.05	20.00	4	0.020	08/07/07	08/07/07	129.70

Table 1-2 (continued)

Well Number	Well Installation			Construction Depths (feet bgs)					Construction Elevations (feet MSL, NGVD29)						Screen Dimensions			Well Maintenance		
		Coordinates (feet NAD83)			Filter Pack		Screen Interval				Filter Pack		Screen Interval						Well Depth	
	Date Installed	Northing	Easting	Borehole Depth	Top	Bottom	Top	Bottom	TOC	Ground Surface	Top	Bottom	Top	Bottom	Length (feet)	Diameter (inches)	Slot Size (inches)	Date Last Developed	Date Measured	Measurement (feet below TOC)
IW-70-SHB317 (Screen 1)	08/13/07	2222587.72	6007073.02	132.00	75.00	102.00	80.00	100.00	8.75	8.95	-66.05	-93.05	-71.05	-91.05	20.00	4	0.020	08/16/07	08/16/07	130.35
IW-70-SHB317 (Screen 2)	08/13/07	2222587.72	6007073.02	132.00	107.00	132.00	110.00	130.00	8.75	8.95	-98.05	-123.05	-101.05	-121.05	20.00	4	0.020	08/16/07	08/16/07	130.35
IW-70-SHB318 (Screen 1)	08/07/07	2222611.82	6007089.34	132.00	75.00	101.50	80.00	100.00	7.76	7.85	-67.15	-93.65	-72.15	-92.15	20.00	4	0.020	08/21/07	08/21/07	130.30
IW-70-SHB318 (Screen 2)	08/07/07	2222611.82	6007089.34	132.00	105.50	132.00	110.00	130.00	7.76	7.85	-97.65	-124.15	-102.15	-121.15	20.00	4	0.020	08/21/07	08/21/07	130.30
IW-70-SHB319 (Screen 1)	08/01/07	2222631.06	6007100.61	132.00	75.00	101.00	80.00	100.00	7.54	7.85	-67.15	-93.15	-72.15	-92.15	20.00	4	0.020	08/22/07	08/22/07	128.80
IW-70-SHB319 (Screen 2)	08/01/07	2222631.06	6007100.61	132.00	107.00	132.00	110.00	130.00	7.54	7.85	-99.15	-124.15	-102.15	-121.15	20.00	4	0.020	08/22/07	08/22/07	128.80
IW-70-SHB320 (Screen 1)	07/23/07	2222648.10	60076112.67	137.00	75.00	102.66	80.00	100.00	7.78	8.15	-66.85	-94.51	-71.85	-91.85	20.00	4	0.020	08/20/07	08/20/07	130.50
IW-70-SHB320 (Screen 2)	07/23/07	2222648.10	60076112.67	137.00	105.50	137.00	110.00	130.00	7.78	8.15	-97.35	-128.85	-101.85	-121.85	20.00	4	0.020	08/20/07	08/20/07	130.50
Second Sand Biobarrier 1																				
MW-70-14	03/19/98	2223055.91	6007290.58	172.50	154.00	187.00	160.00	170.00	11.01	8.51	-145.49	-178.49	-151.49	-161.49	10.00	5	0.010	03/26/98	04/09/98	172.50
MW-70-15	03/23/98	2221994.30	6008038.90	175.00	155.00	175.00	160.80	170.30	9.41	7.14	-147.86	-167.86	-153.66	-163.16	9.50	5	0.010	03/30/98	04/08/98	172.82
MW-70-43B	07/19/05	2222847.90	6007211.10	150.00	131.30	150.00	135.50	145.50	10.58	7.93	-123.37	-142.07	-127.57	-137.57	20.00	2	0.010	07/22/05	NM	NM
MW-70-MNA15	06/04/07	2222706.18	6006650.49	160.00	136.00	151.00	140.00	150.00	5.96	6.10	-129.90	-144.90	-133.90	-143.90	10.00	4	0.020	06/18/07	06/18/07	151.10
MW-70-MNA16	06/04/07	2222145.26	6007245.65	155.00	135.50	155.00	140.50	150.50	8.65	9.22	-126.28	-145.78	-131.28	-141.28	10.00	4	0.020	07/26/07	07/26/07	150.60
MW-70-MNA17	06/06/07	2222026.24	6007015.43	167.00	135.00	152.00	140.00	150.00	6.80	7.00	-128.00	-145.00	-133.00	-143.00	10.00	4	0.020	06/19/07	06/19/07	140.35
MW-70-PMW13A	08/20/07	2222293.78	6007163.19	137.00	119.00	137.00	125.00	135.00	7.47	4.60	-114.40	-132.40	-120.40	-130.40	10.00	4	0.020	09/06/07	09/06/07	135.60
MW-70-PMW13B	08/15/07	2222303.10	6007169.25	157.00	139.00	157.00	145.00	155.00	7.48	4.70	-134.30	-152.30	-140.30	-150.30	10.00	4	0.020	09/05/07	09/05/07	155.15
MW-70-PMW14A	08/22/07	2222253.67	6007203.49	140.00	123.00	140.00	128.00	138.00	7.64	8.00	-115.00	-132.00	-120.00	-130.00	10.00	4	0.020	09/05/07	09/05/07	139.35
MW-70-PMW14B	08/22/07	2222270.94	6007216.27	160.00	138.00	160.00	149.00	159.00	7.92	8.20	-129.80	-151.80	-140.80	-150.80	10.00	4	0.020	09/04/07	09/04/07	159.15
IW-70-SSB101	06/19/07	2222076.99	6007048.06	170.00	120.00	170.00	125.00	165.00	7.77	7.85	-112.15	-162.15	-117.15	-157.15	40.00	4	0.020	07/24/07	07/24/07	163.40
IW-70-SSB102	07/13/07	2222093.15	6007066.72	167.00	120.00	167.00	125.00	165.00	7.82	7.85	-112.15	-159.15	-117.15	-157.15	40.00	4	0.020	07/25/07	07/25/07	165.30
IW-70-SSB103	07/16/07	2222111.08	6007083.61	167.00	121.00	167.00	125.00	165.00	7.69	7.65	-113.35	-159.35	-117.35	-157.35	40.00	4	0.020	07/26/07	07/26/07	165.50
IW-70-SSB104	07/18/07	2222131.43	6007097.29	167.00	119.60	167.00	125.00	165.00	7.54	7.65	-111.95	-159.35	-117.35	-157.35	40.00	4	0.020	07/24/07	07/24/07	165.75
IW-70-SSB105	07/19/07	2222151.11	6007109.73	167.00	121.00	167.00	125.00	165.00	7.51	7.75	-113.25	-159.25	-117.25	-157.25	40.00	4	0.020	07/25/07	07/25/07	165.75
IW-70-SSB106	08/16/07	2222171.01	6007123.05	167.00	121.00	167.00	125.00	165.00	8.04	8.05	-112.95	-158.95	-116.95	-156.95	40.00	4	0.020	08/28/07	08/28/07	165.20
IW-70-SSB107	08/20/07	2222191.24	6007136.11	167.00	120.00	167.00	125.00	165.00	7.93	7.95	-112.05	-159.05	-117.05	-157.05	40.00	4	0.020	08/29/07	08/29/07	165.20
IW-70-SSB108	08/21/07	2222207.47	6007147.74	167.00	120.10	167.00	125.00	165.00	8.02	8.05	-112.05	-158.95	-116.95	-156.95	40.00	4	0.020	08/30/07	08/30/07	165.20
IW-70-SSB109	08/23/07	2222230.86	6007162.75	167.00	120.00	167.00	125.75	165.75	7.96	8.10	-111.90	-158.90	-117.65	-157.65	40.00	4	0.020	08/20/07	08/20/07	165.81
IW-70-SSB110	08/10/07	2222256.03	6007179.36	167.00	122.00	167.00	125.00	165.00	8.90	9.05	-112.95	-157.95	-115.95	-155.95	40.00	4	0.020	08/29/07	08/29/07	165.30
IW-70-SSB111	08/09/07	2222270.57	6007189.28	167.00	120.50	167.00	125.00	165.00	8.90	9.05	-111.45	-157.95	-115.95	-155.95	40.00	4	0.020	08/14/07	08/14/07	165.00
IW-70-SSB112	06/20/07	2222290.37	6007203.00	167.00	120.00	170.00	125.00	165.00	7.87	8.05	-111.95	-161.95	-116.95	-156.95	40.00	4	0.020	07/16/07	07/16/07	165.50
IW-70-SSB113	08/08/07	2222310.44	6007215.97	167.00	121.50	167.00	125.00	165.00	7.84	7.85	-113.65	-159.15	-117.15	-157.15	40.00	4	0.020	08/15/07	08/14/07	165.00
IW-70-SSB114	07/11/07	2222330.31	6007229.33	167.00	121.00	167.00	125.00	165.00	7.68	7.85	-113.15	-159.15	-117.15	-157.15	40.00	4	0.020	07/19/07	07/19/07	166.00
IW-70-SSB115	07/10/07	2222350.66	6007242.08	167.00	120.00	167.00	125.00	165.00	7.98	8.05	-111.95	-158.95	-116.95	-156.95	40.00	4	0.020	07/18/07	07/18/07	165.50
IW-70-SSB116	06/27/07	2222370.00	6007255.79	167.00	120.00	167.00	125.00	165.00	8.42	8.45	-111.55	-158.55	-116.55	-156.55	40.00	4	0.020	07/17/07	07/17/07	165.50
IW-70-SSB117	07/02/07	2222389.76	6007268.13	167.00	120.50	167.00	125.00	165.00	8.45	8.55	-111.95	-158.45	-116.45	-156.45	40.00	4	0.020	07/18/07	07/18/07	165.50
IW-70-SSB118	08/13/07	2222409.23	6007281.32	167.00	122.00	165.00	125.00	165.00	8.54	8.75	-113.25	-156.25	-116.25	-156.25	40.00	4	0.020	08/28/07	08/28/07	164.15
IW-70-SSB119	08/14/07	2222429.64	6007294.68	167.00	121.00	167.00	125.00	165.00	9.06	9.34	-111.66	-157.66	-115.66	-155.66	40.00	4	0.020	08/27/07	08/27/07	166.30
IW-70-SSB120	08/13/07	2222452.33	6007308.58	167.00	122.00	167.00	125.00	165.00	8.24	8.75	-113.25	-158.25	-116.25	-156.25	40.00	4	0.020	08/23/07	08/23/07	163.30
IW-70-SSB121	06/26/07	2222469.91	6007320.42	167.00	120.00	167.00	125.00	165.00	8.34	8.55	-111.45	-158.45	-116.45	-156.45	40.00	4	0.020	07/19/07	07/19/07	165.50
IW-70-SSB122	06/21/07	2222487.22	6007331.79	170.00	120.00	170.00	125.00	165.00	8.20	8.45	-111.55	-161.55	-116.55	-156.55	40.00	4	0.020	07/18/07	07/18/07	165.50
Point of Compliance/Upper Fines																				
MW-70-02	07/21/97	2224602.60	6005708.20	32.00	17.00	32.00	20.00	30.00	7.85	5.90	-11.10	-26.10	-14.10	-24.10	10.00	4	0.010	08/04/97	07/21/97	33.95
MW-70-10	04/13/00	2223724.30	6007203.10	41.50	27.00	41.50	30.10	40.10	10.10	8.37	-18.63	-33.13	-21.73	-31.73	10.00	4	0.010	04/24/00	04/24/00	42.28
MW-70-17	04/14/00	2222804.90	6005569.00	41.50	27.00	41.50	30.00	40.00	4.58	2.85	-24.15	-38.65	-27.15	-37.15	10.00	4	0.010	05/01/00	05/01/00	42.10
MW-70-22	04/17/00	2221971.60	6007067.40	32.00	17.00	32.00	20.00	30.00	10.21	8.67	-8.33	-23.33	-11.33	-21.33	10.00	4	0.010	05/03/00	05/03/00	32.09
Point of Compliance/First Sand																				
MW-70-11	04/21/00	2223726.20	6007217.50	102.00	67.80	102.00	80.00	100.00	11.07	8.56	-59.24	-93.44	-71.44	-91.44	20.00	5	0.010	04/24/00	04/24/00	101.70

Table 1-2 (continued)

Well Number	Well Installation			Construction Depths (feet bgs)					Construction Elevations (feet MSL, NGVD29)						Screen Dimensions			Well Maintenance		
		Coordinates (feet NAD83)			Filter Pack		Screen Interval				Filter Pack		Screen Interval						Well Depth	
	Date Installed	Northing	Easting	Borehole Depth	Top	Bottom	Top	Bottom	TOC	Ground Surface	Top	Bottom	Top	Bottom	Length (feet)	Diameter (inches)	Slot Size (inches)	Date Last Developed	Date Measured	Measurement (feet below TOC)
MW-70-16	03/26/98	2222003.60	6008020.10	110.00	89.50	110.00	94.70	104.70	9.76	7.19	-82.31	-102.81	-87.51	-97.51	10.00	5	0.010	04/01/98	04/09/98	107.22
MW-70-35	03/01/02	2222536.90	6005190.60	103.00	84.00	103.00	90.00	100.00	6.31	3.67	-80.33	-99.33	-86.33	-96.33	10.00	4	0.010	03/04/02	05/02/02	103.50
MW-70-POC01	09/21/07	2224584.60	6005713.40	96.00	77.00	96.00	80.00	90.00	8.88	6.41	-70.59	-89.59	-73.59	-83.59	10.00	4	0.020	10/02/07	10/02/07	93.50
Point of Compliance/Shell Horizon																				
MW-70-23	04/18/00	2223145.60	6008894.60	132.00	103.90	132.00	110.00	130.00	11.17	8.46	-95.44	-123.54	-101.54	-121.54	20.00	5	0.010	04/21/00	04/21/00	132.00
Point of Compliance/Second Sand																				
MW-70-21	04/25/00	2221200.70	6008513.60	172.00	143.00	172.00	150.00	170.00	7.70	5.33	-137.67	-166.67	-144.67	-164.67	20.00	5	0.010	04/27/00	04/27/00	170.20
MW-70-36	03/04/02	2221672.00	6006269.80	170.00	143.00	170.00	150.00	160.00	9.04	6.71	-136.29	-163.29	-143.29	-153.29	10.00	4	0.010	03/08/02	05/23/02	163.23
Point of Compliance/Deep Sand																				
MW-70-POC02	09/19/07	2223170.00	6008885.30	240.00	186.00	202.00	190.00	200.00	8.25	8.68	-177.32	-193.32	-181.32	-191.32	10.00	4	0.020	10/03/07	10/03/07	200.50
MW-70-POC03	09/11/07	2221664.30	6006260.90	205.00	187.00	205.00	190.00	200.00	9.64	7.19	-179.81	-197.81	-182.81	-192.81	10.00	4	0.020	10/03/07	10/03/07	203.30
MW-70-POC04	10/18/07	2221192.20	6008511.20	210.00	191.00	210.00	195.00	205.00	8.50	5.87	-185.13	-204.13	-189.13	-199.13	10.00	4	0.020	10/07/08	10/07/08	208.48

Acronyms/Abbreviations:
- bgs - below ground surface
- MSL - mean sea level
- NM - not measured
- NAD83 - North American Datum of 1983
- NGVD29 - National Geodetic Vertical Datum of 1929
- TOC - top of casing

Table 1-3
Contaminants of Concern and Target Cleanup Goals

Contaminant of Concern	Exposure Rate	Receptor(s)	Target Cleanup Goal (µg/L)
Chloroform	Ingestion	Future residential groundwater users	100
1,1-Dichloroethene	Ingestion	Future residential groundwater users	6
cis-1,2-Dichloroethene	Ingestion	Future residential groundwater users	6
trans-1,2-Dichloroethene	Ingestion	Future residential groundwater users	10
Tetrachloroethene	Ingestion	Future residential groundwater users	5
Trichloroethene	Ingestion	Future residential groundwater users	5
Vinyl Chloride	Ingestion	Future residential groundwater users	0.5

Source: ECC/Geosyntec (2008a) – Remedial Action Work Plan. Target Cleanup Goals are based on Applicable or Relevant and Appropriate Requirements. Reevaluation of the Target Cleanup Goals may be required at a future date, per trends in remedial performance.

Note:
µg/L – micrograms per liter

Table 1-4
Summary of Performance Monitoring Rationale

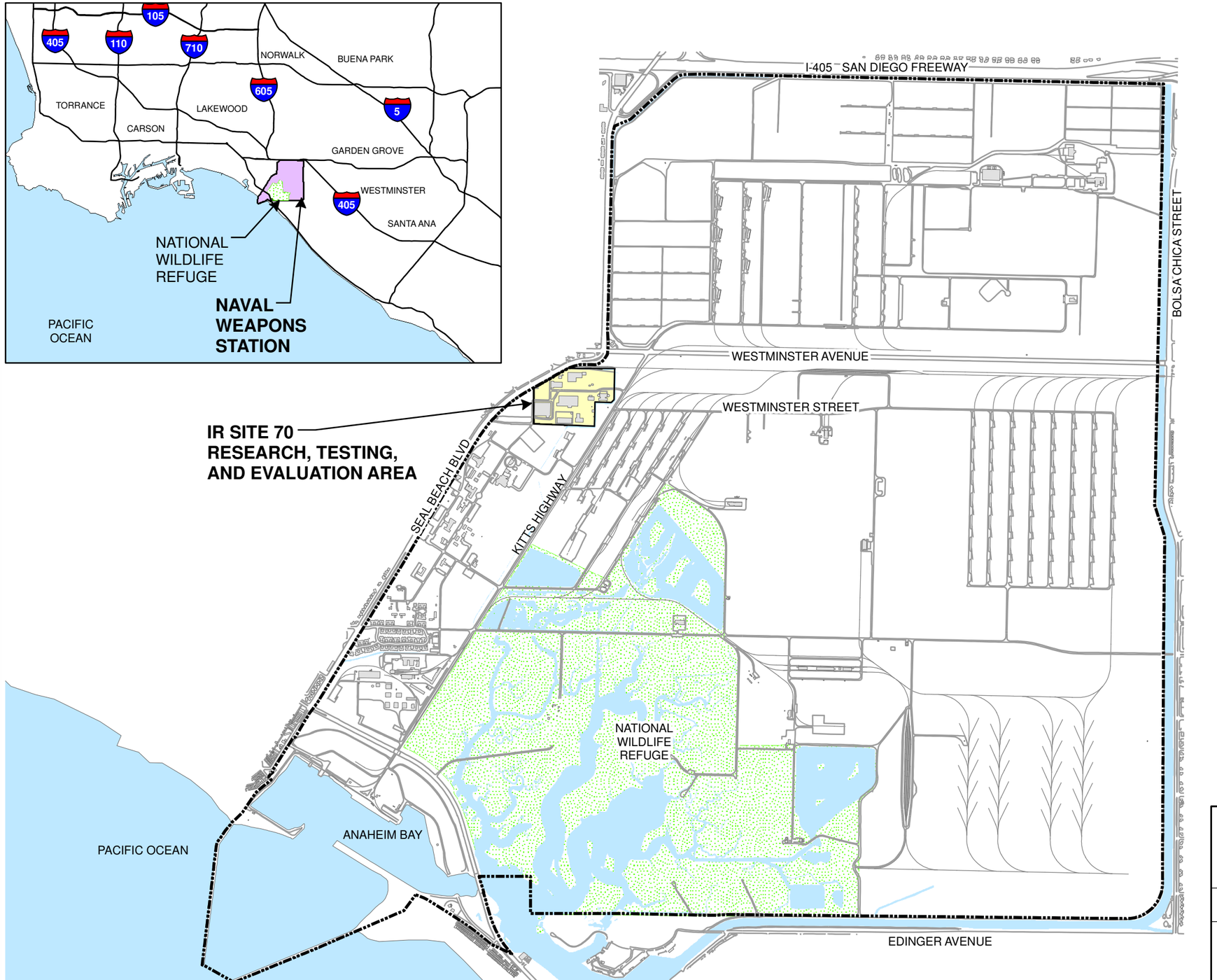
Measurement	Primary Purpose
Groundwater elevations	Ensure barriers are not impacting groundwater flow direction
VOCs	Monitor changes in plume size/location
VOCs and Dhcs	Evaluate remedial performance
Geochemistry (DO, ORP, pH, nitrate, sulfate, ferrous iron)	Determine conditions are present for Dhc survival and proliferation
TOC and VFAs	Determine distribution of EVO
qPCR (Dhc and *vcr*A)	Track growth and distribution of Dhc in groundwater
Dissolved metals	Evaluate impacts to groundwater quality

Acronyms/Abbreviations:

Dhc – *Dehalococcoides*
DO – dissolved oxygen
EVO – emulsified vegetable oil
ORP – oxidation-reduced potential
pH – potential of hydrogen
qPCR – quantitation polymerase chain reaction
TOC – total organic carbon
VFA – volatile fatty acid
*vcr*A – vinyl chloride reductase A gene
VOC – volatile organic compound

Section 1

FIGURES



LEGEND

- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING

N

0 1,000 2,000 4,000 Feet

2010 Performance Monitoring Report

Figure 1-1

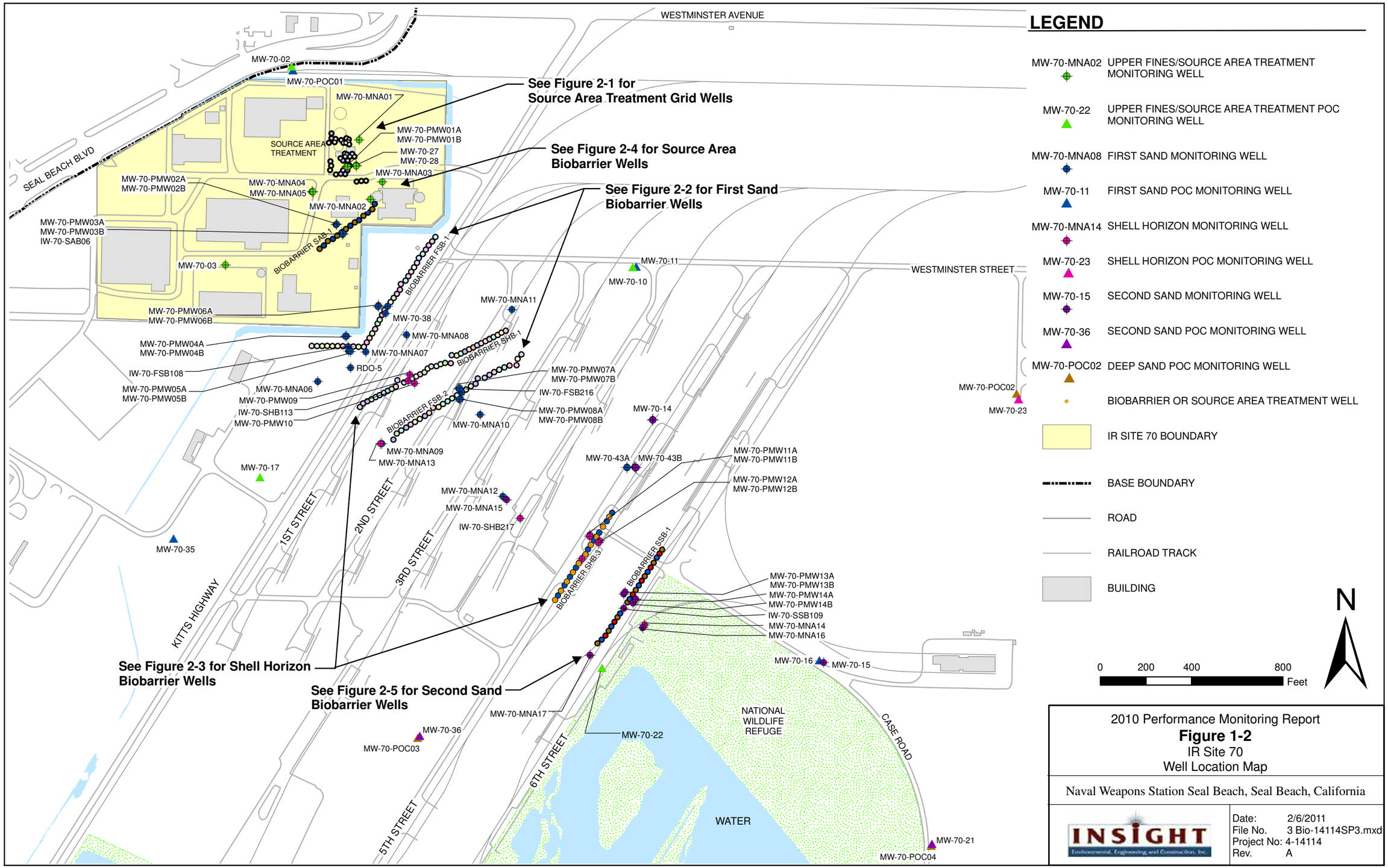
IR Site 70

Site Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	01/23/2011
File No.	14114vic1.mxd
Project No.:	4-14114
Rev.	A



2010 Performance Monitoring Report

Figure 1-2

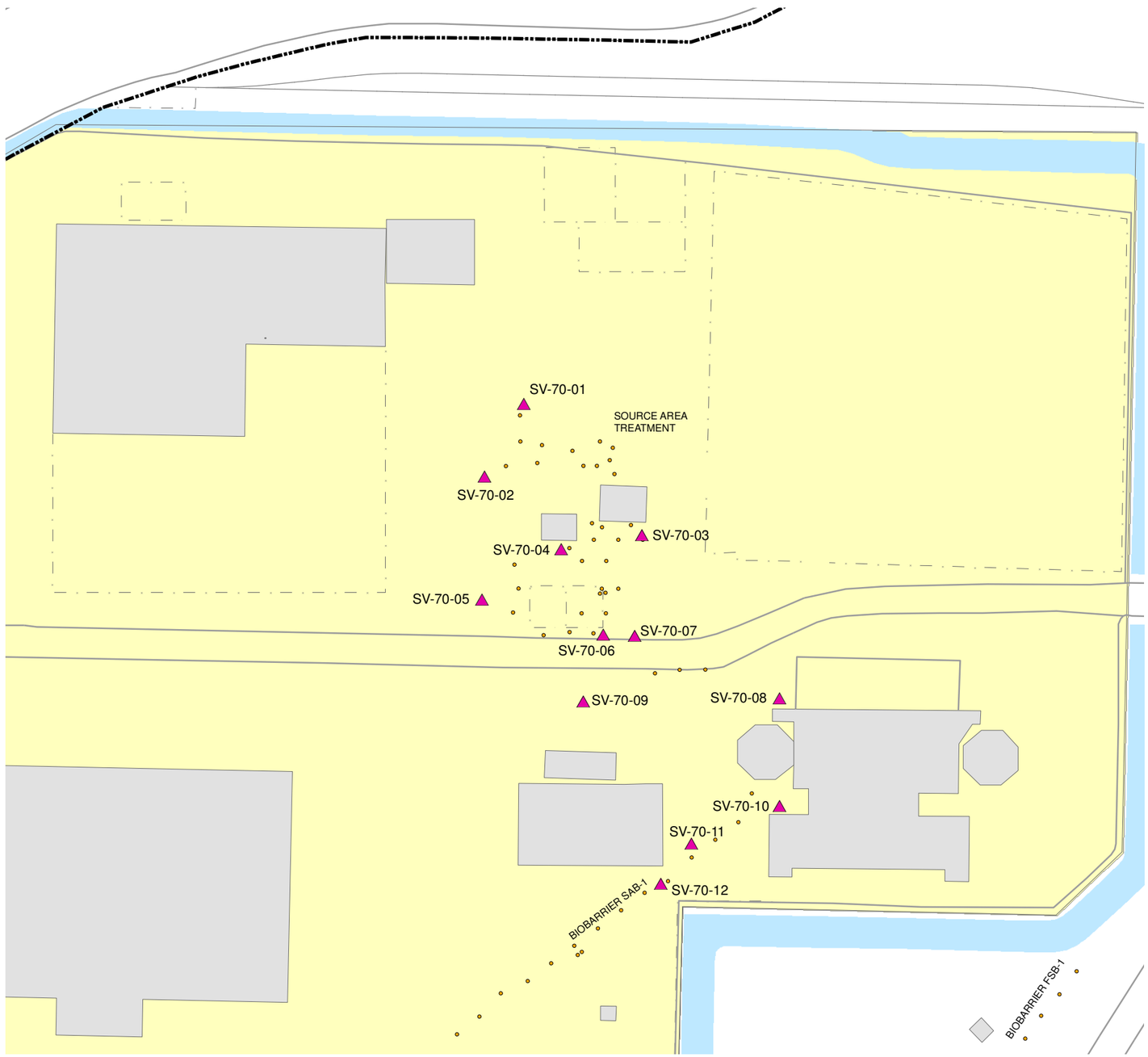
IR Site 70

Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 2/6/2011
File No. 3 Bio-14114SP3.mxd
Project No: 4-14114
Rev. A



LEGEND

- SV-70-09 — SOIL VAPOR PROBE LOCATION SHOWING ID
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- FENCE
- BUILDING

N

0 50 100 200 Feet

2010 Performance Monitoring Report

Figure 1-3

IR Site 70

Soil Vapor Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 01/23/2011
File No. 14114sv2.mxd
Project No.: 4-14114
Rev. A

Section 2
ENHANCED *IN-SITU* BIOREMEDIATION IMPLEMENTATION

Implementation of an EISB system at IR Site 70 began in November 2008 after the conclusion of baseline groundwater monitoring activities for treatment of DNAPL and dissolved phase chlorinated solvent plumes. The 2009 PMR documents the EISB remediation activities that were completed at the Source Area Biobarrier (SAB), SSB-1, and SHB-3 (Figure 1-1; Insight 2010). This report documents the activities associated with the EISB implementation at FSB-2, FSB-1, SHB-1 and SATG, the locations of which are shown in Figures 2-1 through 2-3; Figures 2-6 through 2-17. The EISB remediation activities were conducted in accordance with the technical and functional requirements specified in the RAWP (ECC/Geosyntec 2008a). Field activities are being performed as established in the SOPs contained in Attachment B-2 of the SAP. Variances to the monitoring schedule are discussed in Section 6. Performance monitoring was also conducted in the SAB, SHB-3, and SSB-1, where EISB was completed in 2009 per the schedule summarized in Table 1-1 (Figures 2-3 through 2-5). Field parameter monitoring after injection indicate that pH, DO, and ORP have stabilized in all these biobarriers (Figures 2-18 through 2-23). The discussion of the remedy performance for these biobarriers is summarized in Section 3.

2.1 EISB IMPLEMENTATION METHODOLOGY

The EISB is a semi-passive approach comprised of biostimulation and bioaugmentation, which incorporates a grid of treatment wells in the source area and rows of injection wells that transect the dissolved phase plume, into which electron donor and bacteria are added. EVO (Newman Zone™) is used as the electron donor and injected into the wells using a recirculation approach that facilitates its distribution. In addition, injection wells receive a one-time addition of a KB-1® capable of complete dechlorination of TCE to ethene.

A mobile injection system that could be moved easily between biobarriers was used. The system consisted of a box truck that contained the injection pump, mixing equipment, and flow meters and valves. The EVO was supplied in a 6,000-gallon airtight tank contained on a separate trailer, which was delivered from the vendor prior to beginning the injections at each location.

The general approach for the EISB injection activities consisted of extracting groundwater from a group of wells (typically 10) using submersible pumps. The wells were connected through a manifold containing a series of valves and flow measuring devices. EVO was dosed into the extracted groundwater stream at the process control truck through an airtight line and was well mixed via an in-line mixer to form an emulsion of one percent EVO by volume. The flow rate of EVO was measured using a digital flow meter/totalizer. The amended groundwater was split into multiple streams and was injected into a second group of wells (typically 10 wells arranged in an alternating pattern with the extraction wells). The flow rate and pressure of each stream was carefully monitored and controlled inside the trailer using a combination of pressure gauges, flow control valves, and digital flow meter/totalizers.

Eighty percent of the EVO target volume was injected into each of the wells[1] followed by injection of the KB-1® culture. Addition of the KB-1® culture was performed as detailed in the KB-1® injection procedure (see SOPs), which involves flanking injection of the culture with anoxic groundwater (350 to 640 gallon total volume) as well as purging residual oxygen from the well with argon prior to injecting the KB-1® culture. After introducing the KB-1® and anoxic water, the remaining 20 percent of the target volume of EVO was injected into the wells, which helped to further distribute the KB-1® into the formation.

Prior to injecting EVO and KB-1® at each biobarrier, groundwater elevations were measured and baseline groundwater samples were collected for measurement of field parameters (DO, ORP, pH, conductivity, turbidity, and temperature) to determine aquifer conditions at each biobarrier immediately prior to injecting the EVO and KB-1® and to compare conditions during and after injection of the amendments (Table 1-4).

The EISB implementation activities performed at SATG, FSB-1, FSB-2, and SHB-1 are described in the following sections and were performed in the following sequence:

- First Sand Biobarrier-2 (completed on November 24, 2009);
- First Sand Biobarrier-1 (completed on February 12, 2010);
- Shell Horizon Biobarrier-1 (completed on April 7, 2010); and
- Source Area Treatment Grid (completed on August 3, 2010).

A summary of the volume of EVO injected and volume of KB-1® injected for the EISB implementation as part of the 2010 PMR is presented in Tables 2-1 through 2-4. Figures showing the locations of the injection wells associated with each biobarrier are provided in Figures 2-1 through 2-5. A summary of injection volumes and field parameter monitoring during the EISB activities for each of the hydrostratigraphic zones is presented in Figures 2-6 through 2-9. Detailed data from the injection activities and associated field parameters is presented in Appendix I.

2.2 EISB IMPLEMENTATION AT SOURCE AREA TREATMENT GRID

The EISB injection activities were performed at the SATG between May 26, 2010 and August 3, 2010, after 23 additional injection wells were installed. Well construction details and well surveying data are summarized in Table 1-2 and Appendix F. The following sections describe the field activities and field parameter monitoring during the EISB implementation activities at the SATG.

[1] A study was performed at the SAB which indicated that operational benefits could be realized by injecting the majority of the EVO prior to injecting the bacterial culture (Insight 2010).

2.2.1 INJECTION WELLS INSTALLATION IN THE SATG

The remedial design and RAWP for the EISB implementation at the SATG required 57 injection wells in the Source Area (Geosyntec 2006b; ECC/Geosyntec 2008a). Twenty-three of the 57 injection well installations were installed as part of the 2010 field activities, after the completion of the ESTCP demonstration project, performed by CDM, in the SATG area in December 2009.

The 23 injection wells (IW-70-SAT35 through IW-70-SAT57, Figure 2-1) were installed from April 12 through May 18, 2010 per the RAWP and associated SOPs (ECC/Geosyntec 2008a). Well Construction details are summarized in Table 1-2. Lithologic logs, well construction diagrams, and a civil survey report are included in Appendix F.

2.2.2 SUMMARY OF APPROACH IN THE SATG

The approach utilized for installing the SATG consisted of injecting 80 percent of the EVO target volume, followed by injecting the KB-1®, and then the remaining 20 percent of the EVO.

To facilitate EVO injection across the fifty-seven single screen wells comprising the SATG, the wells were divided into three sections, Section 1, Section 2, and Section 3, as shown in the Figure 2-1. Each section was further divided into two groups, Group 1 and Group 2 (Table 2-1). Note that injection of the EVO and the KB-1® was completed in all of the wells within each group prior to beginning the injections into the following group.

In each of the three sections, first EVO was injected into Group 1 wells, and groundwater was extracted from Group 2 wells. Then, EVO was injected into Group 2 wells, and groundwater was extracted from Group 1 wells. The cumulative volume of EVO injected into the SATG wells is shown in Figure 2-6, and detailed in Appendix I. The well groupings and injection sequence differed slightly from the design presented in the RAWP (Geosyntec 2008a). The changes were made to account for small changes made to the placement of the injection wells due to aboveground obstructions and subsurface utilities as well as an effort to optimize injection and distribution of the EVO in the aquifer.

In summary, a total of 1,326,162 gallons of amended EVO and 171 liters of KB-1® culture were injected in the fifty-seven SATG wells consistent with the volumes outlined in the RAWP. The pre-KB-1® culture injection field parameters were measured during implementation of the biobarrier to ensure field parameters were within the requirements in the RAWP and that the SiREM standards were met (see Section 2.2.3). A summary of the injection/extraction quantities and flow rates are shown in Table 2-1 and detailed in Appendix I.

2.2.3 FIELD PARAMETER MONITORING IN THE SATG

Groundwater samples were collected during injection of the EVO at a frequency of two to three times per day and analyzed for operational field parameters (i.e., DO, ORP, pH, conductivity, and temperature) using a Horiba™ Meter. Samples were collected from each line at the

extraction manifold. As shown in Table 2-5 and Figure 2-10, during the injection of amendments into the SATG (between May 26, 2010 and August 3, 2010), the DO concentrations in the extracted water remained at 0.0 milligrams per liter (mg/L) and the ORP concentrations in the extracted water decreased from -166 millivolts (mV) to -310 mV. Both DO and ORP levels maintained the conditions necessary for the KB-1® culture after bioaugmentation was performed.

The pH measured in samples collected from the extraction wells is presented in Table 2-5 and Figure 2-11. Prior to the EISB implementation injection activities at the SATG, the pH ranged from 6.44 to 7.11. During the EVO injection, the pH ranged from 6.21 to 7.00. Per the RAWP, to mitigate the potential for a decrease in pH, sodium bicarbonate (a food-grade pH-adjusting chemical) buffer solution was included in the anoxic chase water used for the KB-1® injections in all wells. Post-injection pH ranged from 4.99 to 6.72. As noted in the results of the other biobarriers where EISB was completed in 2009 (SAB, SHB-3, and SSB-1), pH is expected to recover to pre-injection levels (Figures 2-19, 2-21 and 2-23).

2.3 EISB IMPLEMENTATION AT FIRST SAND BIOBARRIER-1

The EISB injection activities were performed at the FSB-1 between December 8, 2009 and February 12, 2010. The following sections describe the approach, field activities, and field parameter monitoring associated with this biobarrier.

2.3.1 SUMMARY OF APPROACH IN THE FSB-1

The approach utilized for installing the FSB-1 consisted of injecting 80 percent of the EVO target volume, followed by injecting the KB-1®, and then the remaining 20 percent of the EVO.

To facilitate EVO injection across the thirty-five single screen wells comprising the FSB-1 (Figure 2-2), the wells were divided into four groups (Table 2-2). Note that injection of the EVO and the KB-1® was completed in all of the wells within each group prior to beginning the injections into the following group.

First, EVO was injected into Group 1 wells, and groundwater was extracted from Group 2 and Group 4 wells. Then, EVO was injected into Group 2 wells, and groundwater was extracted from Group 3 wells. Then, EVO was injected into Group 3 wells, and groundwater extracted from Group 4 wells. Finally, EVO was injected into Group 4 wells, and groundwater was extracted from Group 1 wells. The cumulative volume of EVO injected into the FSB-1 wells is shown in Figure 2-7, and detailed in Appendix I.

One of the variations to the original implementation, discussed also in Section 5, is that one of the injection wells, RDO-4 was not available for injection upon commencement of field activities. Upon field examination of the injection well RDO-4, it was found that the casing was compromised and filled with sand. A 3/4-inch pipe was used to gauge the sand thickness and depth, which could only be pushed approximately 4 feet from the top of the casing. Well RDO-4 is located between injection wells IW-70-FSB114 and IW-70-FSB115. Therefore, the target

volume (total 47,327 gallons) of EVO that was originally designed to be injected in RDO-4 well was injected into the adjacent injection well IW-70-FSB114 while continuing to extract the groundwater from IW-70-FSB115. Hence, the target EVO and KB-1® volumes for IW-70-FSB114, was doubled to maintain the total volume of injection for FSB-1.

In summary, a total of 1,656,455 gallons of amended EVO and 105 liters of KB-1® culture were injected in the thirty-five FSB-1 wells consistent with the volumes outlined in the RAWP. The pre-KB-1® culture injection field parameters were measured during implementation of the biobarrier to ensure field parameters were within the requirements in the RAWP and that the SiREM standards were met (see Section 2.3.2). A summary of the injection/extraction quantities and flow rates are shown in Table 2-2 and detailed in Appendix I.

2.3.2 FIELD PARAMETER MONITORING IN THE FSB-1

Groundwater samples were collected during injection of the EVO at a frequency of two to three times per day and analyzed for operational field parameters (i.e., DO, ORP, pH, conductivity, and temperature) using a Horiba™ Meter. Samples were collected from each line at the extraction manifold. As shown in Table 2-6 and Figure 2-12, during the EISB implementation injection activities period (between December 8, 2009 and February 12, 2010) at the FSB-1, the DO concentrations in the extracted water remained at 0.0 mg/L. During the same EISB implementation period at the FSB-1, the ORP concentrations in the extracted water decreased from -202 mV to -405 mV. Both DO and ORP levels maintained the conditions necessary for the KB-1® culture after bioaugmentation.

The pH measured in samples collected from the extraction wells is presented in Table 2-6 and Figure 2-13. Prior to adding the amendments at the FSB-1, the pH ranged from 6.40 to 7.45. Then, during injection of the EVO, the pH in Groups 1, 2, and 4 ranged from 5.91 to 6.58. In Group 3, the pH ranged from 5.58 to 5.99. Per the RAWP, in order to mitigate the decrease in pH, sodium bicarbonate (a food-grade pH-adjusting chemical) buffer solution was added to the anoxic chase water used for the KB-1® injections in all wells. Post-injection pH ranged from 5.45 to 6.98.

Water level elevations were measured in the nearby performance monitoring wells MW-70-PMW4A, MW-70-PMW4B (upgradient of the FSB-1), MW-70-PMW5A and MW-70-PMW5B (downgradient of the FSB-1) to evaluate if injection of the EVO and subsequent geochemical and biological processes would alter the natural flow of groundwater at the site. The net change in water levels in these four performance monitoring wells was about 1/100th of a foot, which indicates that there is no mounding effect due to extraction/injection activities.

2.4 EISB IMPLEMENTATION AT FIRST SAND BIOBARRIER-2

The EISB injection activities were performed at the FSB-2 between October 13, 2009 and November 24, 2009. The following sections describe the approach, field activities, and field parameter monitoring associated with this biobarrier.

2.4.1 SUMMARY OF APPROACH IN THE FSB-2

The approach utilized for installing the FSB-2 consisted of injecting 80 percent of the EVO target volume, followed by injecting the KB-1®, and then the remaining 20 percent of the EVO.

To facilitate EVO injection across the twenty-nine single screen wells comprising the FSB-2 (Figure 2-2), the wells were divided into three groups (Table 2-3). Note that injection of the EVO and the KB-1® was completed in all of the wells within each group prior to beginning the injections into the following group.

The sequence of injections in FSB-2 wells was completed with the well groupings listed in Table 2-3 and Figure 2-2 as follows: 1) EVO was injected into Group 1 wells, and groundwater was extracted from Group 2; 2) EVO was injected into Group 2 wells, and groundwater was extracted from Group 3 wells; 3) EVO was injected into Group 3 wells, and groundwater was extracted from Group 2 wells. The cumulative volume of EVO injected into the FSB-2 wells is shown in Figure 2-8, and detailed in Appendix I.

In summary, a total of 1,067,490 gallons of amended EVO and 87 liters of KB-1® culture were injected in the twenty-nine FSB-2 wells consistent with the volumes outlined in the RAWP. The pre-KB-1® culture injection field parameters were measured during implementation of the biobarrier to ensure field parameters were within the requirements in the RAWP and that the SiREM standards were met (see Section 2.4.2). A summary of the injection/extraction quantities and flow rates are shown in Table 2-3 and detailed in Appendix I.

2.4.2 FIELD PARAMETER MONITORING IN THE FSB-2

Groundwater samples were collected during injection of the EVO at a frequency of two to three times per day and analyzed for operational field parameters (i.e., DO, ORP, pH, conductivity, and temperature) using a Horiba™ Meter. Samples were collected from each line at the extraction manifold. As shown in Table 2-7 and Figure 2-14, during the EISB implementation injection activities period (between October 13, 2009 and November 24, 2009) at the FSB-2, the DO concentrations in the extracted water remained at 0.0 mg/L. During the same EISB implementation period at the FSB-2, the ORP concentrations in the extracted water decreased from -105 mV to -338 mV. Both DO and ORP levels maintained the conditions necessary for the KB-1® culture after bioaugmentation.

The pH measured in samples collected from the extraction wells is presented in Table 2-7 and Figure 2-15. Prior to the EISB implementation injection activities at the FSB-2, the pH ranged from 6.59 to 7.12. Then, during the EVO injection, the pH in Groups 1 and 2 ranged from 6.00 to 7.02. In Group 3, the pH ranged from 5.62 to 5.88 (Table 2-7 and Figure 2-15). Per the RAWP, to mitigate the decrease in pH, sodium bicarbonate (a food-grade pH-adjusting chemical) buffer solution was included in the anoxic chase water used for the KB-1® injections in all wells. Post-injection pH ranged from 5.62 to 7.49.

Water level elevations were measured in the nearby performance monitoring wells MW-70-PMW7A, MW-70-PMW7B (upgradient of the FSB-2), MW-70-PMW8A and MW-70-PMW8B (downgradient of the FSB-2), during installation of the biobarrier, to evaluate if injection of the EVO and subsequent geochemical and biological processes were altering the natural flow of groundwater at the site. The net change in water levels in these four performance monitoring wells was about 1/100th of a foot, which indicates that there was no immediate mounding effect due to extraction/injection activities. Long-term impacts to groundwater flow after the installation of the biobarrier was completed are minimal as discussed in Section 4.

2.5 EISB IMPLEMENTATION AT SHELL HORIZON BIOBARRIER-1

The EISB injection activities were performed at the SHB-1 between February 25, 2010 and April 17, 2010. The following sections describe the approach, field activities, and field parameter monitoring associated with this biobarrier (Table 2-4, Figure 2-3).

2.5.1 SUMMARY OF APPROACH IN THE SHB-1

Based on lessons learned during injection of the SHB-3, the injection strategy for SHB-1 (which contains dual screen wells like SHB-3) was modified in order to optimize the installation of this biobarrier. The SHB-1, which contains thirty-seven wells, was subdivided into two sections: one section containing 19 wells and the other section containing 18 wells (Figure 2-3). The EISB amendments were completely installed in Section 1 prior to beginning installation in Section 2. The time required from beginning to completing the injections was less than half of the time it took to install the SHB-3. The degree of biofouling was significantly less and injection rates were greater.

Similar to the procedure used during the installation of previous biobarriers, the sections were divided into two groups containing 9 or 10 wells each (Figure 2-3 and Table 2-4). Group 1 was injected into while extracting from the Group 2 wells, after which the Group 1 wells became the extraction wells and the Group 2 wells became the injection wells. Similar to installation of the previous biobarriers, 80 percent of the EVO was added, followed by the KB-1®, followed by the remaining 20 percent of the EVO.

A single flow-through packer was used in each well. The packer was placed in the blank screen located between each screened interval. Groundwater amended with EVO was pumped through the packer into the lower screen while simultaneously pumping EVO-amended water through a stinger located in the upper interval. A rigid pipe was connected through an airtight well-seal and used to introduce the amendments through the packer. The pipe also served to maintain the packer at the correct interval and minimize its movement within the well. Flow regulators and meters were utilized to ensure that the design target volume of EVO is added to each interval.

This approach offered the following advantages:

- Injection of the amendments were performed simultaneously in both the upper and lower screens; hence, the total time to install the barrier was significantly reduced compared to the time required to first inject into the lower and then into the upper screens. Shorter installation time resulted in less time available for fouling to occur.
- The packers were placed in the blank casing located between the two screen intervals and the amendments will be added through a rigid line extending through the packer. It was no longer necessary to properly align the packer screen with the well screen to achieve maximum flow.
- Since fluids were simultaneously injected into both the upper and lower screens, the pressure drop across the packer was much less compared to using the packer to inject into a single interval as was done during installation of the SHB-3. Hence, there was far less risk of the packer moving (and ejecting) from the well. Also, the rigid line, through which the amendments were added to the screen beneath the packer, helped keep the packer in place.

The SHB-1 consists of thirteen single-screen and twenty-four dual-screen injection wells, IW-70-SHB101 through IW-70-SHB137, as shown in Figure 2-3. The wells were divided in two sections and each section has two groups (Table 2-4).

Each of the SHB-1 dual-screen wells are comprised of the upper screen ranging from about 100 to 110 ft bgs and the lower ranging from 115 to 130 ft bgs. The design volume of EVO for each well was divided into two quantities, based on the ratio of the two screen lengths in a well. As an example, if 20,000 gallons of EVO were to be injected in a well and the well contained a 10-ft-long and a 15-ft-long screen interval, then 40 percent of the EVO (8,000 gallons) would be injected into the 10-ft-long screen and 60 percent (12,000 gallons would be injected into the 15-ft-long screen. Similarly, the total target KB-1® volume for each well was divided into two volumes; one for the upper screen interval and the other for the lower screen interval. Packers were used to isolate the screen intervals during injections to ensure that the amendments were injected through the appropriate screen interval.

In summary, a total of 629,307 gallons of amended EVO and 111 liters of KB-1® culture were injected in the thirty-seven SHB-1 wells consistent with the volumes outlined in the RAWP. The pre-KB-1® culture injection field parameters were measured during implementation of the biobarrier to ensure field parameters were within the requirements in the RAWP and that the SiREM standards were met (see Section 2.5.2). A summary of the injection/extraction quantities and flow rates are shown in Table 2-4 and detailed in Appendix I.

2.5.2 FIELD PARAMETER MONITORING IN THE SHB-1

Groundwater samples were collected during injection of the EVO at a frequency of two to three times per day and analyzed for operational field parameters (i.e., DO, ORP, pH, conductivity, and temperature) using a Horiba™ Meter. Samples were collected from each line at the extraction manifold. As shown in Table 2-8 and Figure 2-16, during the EISB implementation injection activities period (between February 25, 2010 and April 17, 2010) at the SHB-1, the DO

concentrations in the extracted water remained at 0.0 mg/L. During the same EISB implementation period at the SHB-1, the ORP concentrations in the extracted water decreased from -270 mV to -336 mV. Both DO and ORP levels maintained the conditions necessary for the KB-1® culture after bioaugmentation.

The pH measured in samples collected from the extraction wells is presented in Table 2-8 and Figure 2-17. Prior to the EISB implementation injection activities at the SHB-1, the pH ranged from 6.78 to 7.99. Then, during the EVO injection, the pH ranged from 5.48 to 6.07. Per the RAWP, to mitigate the decrease in pH, sodium bicarbonate (a food-grade pH-adjusting chemical) buffer solution was included in the anoxic chase water used for the KB-1® injections in all wells. Post-injection pH ranged from 6.25 to 6.37.

Water level elevations were measured in the nearby performance monitoring wells MW-70-PMW09 (upgradient of the SHB-1) and MW-70-PMW10 (downgradient of the SHB-1) to evaluate if injection of the EVO and subsequent geochemical and biological processes would alter the natural flow of groundwater at the site. The net change in water levels in these four performance monitoring wells was about 1/100th of a foot, which indicates that there is no mounding effect due to extraction/injection activities.

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Section 2

TABLES

Table 2-1
Source Area Treatment Grid Injection Summary

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
Source Area Treatment Grid: Consists of fifty-seven single-screen injection wells. The wells are divided into three sections (Section 1, Section 2, and Section 3) and each section has two groups (Group 1 and Group 2)						
Section 1, Group 1: IW-70-SAT01 IW-70-SAT08 IW-70-SAT37 IW-70-SAT20 IW-70-SAT46 IW-70-SAT57 IW-70-SAT30 IW-70-SAT54 IW-70-SAT56 IW-70-SAT33	10	234	2,340	232,660	30 (3 liters per well)	Started injection in Section 1, Group 1 wells on May 26, 2010 and completed target volumes injection on June 7, 2010. Groundwater was extracted from all of the Section 1, Group 2 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 8 gpm.
Section 1, Group 2: IW-70-SAT02 IW-70-SAT35 IW-70-SAT39 IW-70-SAT23 IW-70-SAT26 IW-70-SAT27 IW-70-SAT31 IW-70-SAT55 IW-70-SAT32 IW-70-SAT34	10	234	2,340	232,660	30 (3 liters per well)	Started injection in Section 1, Group 2 wells on June 8, 2010 and completed target volumes injection on June 18, 2010. Groundwater was extracted from all Section 1, Group 1 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 9 gpm.
Section 2, Group 1: IW-70-SAT05 IW-70-SAT36 IW-70-SAT40 IW-70-SAT42 IW-70-SAT50 IW-70-SAT28 IW-70-SAT29 IW-70-SAT51 IW-70-SAT52	9	234	2,106	209,394	27 (3 liters per well)	Started injection in Section 2, Group 1 wells on June 22, 2010 and completed target volumes injection on June 30, 2010. Groundwater was extracted from all of the Section 2, Group 2 wells. The EVO emulsion was injected at an average rate of 9 gpm and groundwater extraction rates were maintained at 10 gpm.

Table 2-1 (continued)

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
Section 2, Group 2: IW-70-SAT09 IW-70-SAT38 IW-70-SAT53 IW-70-SAT49 IW-70-SAT48 IW-70-SAT25 IW-70-SAT24 IW-70-SAT47 IW-70-SAT43 IW-70-SAT41	10	234	2,340	232,660	30 (3 liters per well)	Started injection in Section 2, Group 2 wells on July 1, 2010 and completed target volumes injection on July 13, 2010. Groundwater was extracted from all Section 2, Group 1 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 10 gpm.
Section 3, Group 1: IW-70-SAT04 IW-70-SAT06 IW-70-SAT12 IW-70-SAT13 IW-70-SAT14 IW-70-SAT15 IW-70-SAT21 IW-70-SAT22 IW-70-SAT44 IW-70-SAT45	10	234	2,340	232,660	30 (3 liters per well)	Started injection in Section 3, Group 1 wells on July 13, 2010 and completed target volumes injection on July 22, 2010. Groundwater was extracted from all of the Section 3, Group 2 wells. The EVO emulsion was injected at an average rate of 8.5 gpm and groundwater extraction rates were maintained at 12 gpm.
Section 3, Group 2: IW-70-SAT03 IW-70-SAT07 IW-70-SAT10 IW-70-SAT11 IW-70-SAT16 IW-70-SAT17 IW-70-SAT18 IW-70-SAT19	8	234	1,872	186,128	24 (3 liters per well)	Started injection in Section 3, Group 2 wells on July 22, 2010 and completed target volumes injection on August 3, 2010. Groundwater was extracted from all Section 3, Group 1 wells. The EVO emulsion was injected at an average rate of 5 gpm and groundwater extraction rates were maintained at 5 gpm.
Totals	**57**		**13,338**	**1,326,262**	**171**	**Target Volumes Complete**

Notes:
*Total amended volume is the summation of extracted groundwater and EVO.
EVO – emulsified vegetable oil
gpm – gallons per minute
KB-1® - dichlorinating microbial culture

Table 2-2
First Sand Biobarrier-1 Injection Summary

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
First Sand Biobarrier-1: Injection wells have single screen and are divided into four groups (Group 1, Group 2, Group 3, and Group 4).						
Group 1: IW-70-FSB101 IW-70-FSB105 IW-70-FSB109 IW-70-FSB113 IW-70-FSB117 IW-70-FSB121 IW-70-FSB125 IW-70-FSB129 IW-70-FSB132	9	476	4,284	425,943	27 (3 liters per well)	Started injection in Group 1 wells on December 8, 2009 and completed target volumes injection on December 22, 2009. Groundwater was extracted from wells IW-70-FSB102 and IW-70-FSB131 in Group 2 and from all of the Group 4 wells. The EVO emulsion was injected at an average rate of 9 gpm and groundwater extraction rates were maintained at 10 gpm.
Group 2: IW-70-FSB102 IW-70-FSB106 IW-70-FSB110 IW-70-FSB114 RDO-3B RDO-2 IW-70-FSB124 IW-70-FSB126 RDO-1	9	476	4,284	425,943	27 (3 liters per well)	Started injection in Group 2 wells on December 23, 2009 and completed target volumes injection on January 12, 2010. Groundwater was extracted from all Group 3 wells. The EVO emulsion was injected at an average rate of 9 gpm and groundwater extraction rates were maintained at 11 gpm.
Group 3: IW-70-FSB103 IW-70-FSB107 IW-70-FSB111 IW-70-FSB116 IW-70-FSB118 IW-70-FSB120 IW-70-FSB122 IW-70-FSB127 IW-70-FSB130	9	476	4,284	425,943	27 (3 liters per well)	Started injection in Group 3 wells on January 13, 2010 and completed target volumes injection on January 27, 2010. Groundwater was extracted from wells IW-70-FSB102 and IW-70-FSB131 in Group 2 and from all of the Group 4 wells. The EVO emulsion was injected at an average rate of 10 gpm and groundwater extraction rates were maintained at 12

Table 2-2 (continued)

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
						gpm.
Group 4: IW-70-FSB104 IW-70-FSB108 IW-70-FSB112 IW-70-FSB115 IW-70-FSB119 IW-70-FSB123 IW-70-FSB128 IW-70-FSB131	8	476	3,808	378,616	24 (3 liters per well)	Started injection in Group 4 wells on January 28, 2010 and completed target volumes injection on February 12, 2010. Groundwater was extracted from all Group 1 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 7 gpm.
Totals	**35**		**16,660**	**1,656,445**	**105**	**Target Volumes Complete**

Notes:

*Total amended volume is the summation of extracted groundwater and EVO.

EVO – emulsified vegetable oil

gpm – gallons per minute

KB-1® - dichlorinating microbial culture

Table 2-3
First Sand Biobarrier-2 Injection Summary

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
First Sand Biobarrier-2: Injection wells have single screen and are divided into three groups (Group 1, Group 2, and Group 3).						
Group 1: IW-70-FSB201 IW-70-FSB204 IW-70-FSB207 IW-70-FSB210 IW-70-FSB213 IW-70-FSB216 IW-70-FSB219 IW-70-FSB222 IW-70-FSB225 IW-70-FSB228	10	370	3,700	368,100	30 (3 liters per well)	Started injection in Group 1 wells on October 13, 2009 and completed target volumes injection on October 27, 2009. Groundwater was extracted from all of the Group 2 wells. The EVO emulsion was injected at an average rate of 10 gpm and groundwater extraction rates were maintained at 10 gpm.
Group 2: IW-70-FSB202 IW-70-FSB205 IW-70-FSB208 IW-70-FSB211 IW-70-FSB214 IW-70-FSB217 IW-70-FSB220 IW-70-FSB223 IW-70-FSB226 IW-70-FSB229	10	370	3,700	368,100	30 (3 liters per well)	Started injection in Group 2 wells on October 28, 2009 and completed target volumes injection on November 9, 2009. Groundwater was extracted from all Group 3 wells. The EVO emulsion was injected at an average rate of 9 gpm and groundwater extraction rates were maintained at 11 gpm.
Group 3: IW-70-FSB203 IW-70-FSB206 IW-70-FSB209 IW-70-FSB212 IW-70-FSB215 IW-70-FSB218	9	370	3,330	331,290	27 (3 liters per well)	Started injection in Group 3 wells on November 10, 2009 and completed target volumes injection on November 24, 2009. Groundwater was extracted from all Group 2 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were

Table 2-3 (continued)

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
IW-70-FSB221 IW-70-FSB224 IW-70-FSB227						maintained at 10 gpm.
Totals	**29**		**10,730**	**1,067,490**	**87**	**Target Volumes Complete**

Notes:

*Total amended volume is the summation of extracted groundwater and EVO.

EVO – emulsified vegetable oil

gpm – gallons per minute

KB-1® - dichlorinating microbial culture

Table 2-4
Shell Horizon Biobarrier-1 Injection Summary

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
Shell Horizon Biobarrier-1: Consists of thirteen single-screen and twenty-four dual-screen injection wells. The wells are divided into two sections (Section 1 and Section 2) and each section has two groups (Group 1 and Group 2)						
Section 1, Group 1: IW-70-SHB101 IW-70-SHB103 IW-70-SHB105 IW-70-SHB107 IW-70-SHB109 IW-70-SHB111 IW-70-SHB113 IW-70-SHB115 IW-70-SHB117 IW-70-SHB119	10	155 to 194 (depending on the screen length of the well)	1,862	185,318	30 (3 liters per well)	Started injection in Section 1, Group 1 wells on February 25, 2010 and completed target volumes injection on March 5, 2010. Groundwater was extracted from all of the Section I, Group 2 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 9 gpm.
Section 1, Group 2: IW-70-SHB102 IW-70-SHB104 IW-70-SHB106 IW-70-SHB108 IW-70-SHB110 IW-70-SHB112 IW-70-SHB114 IW-70-SHB116 IW-70-SHB118	9	155 to 194 (depending on the screen length of the well)	1,668	166,014	27 (3 liters per well)	Started injection in Section 1, Group 2 wells on March 8, 2010 and completed target volumes injection on March 15, 2010. Groundwater was extracted from all Section I, Group 1 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 8 gpm.
Section 2, Group 1: IW-70-SHB121 IW-70-SHB123 IW-70-SHB125 IW-70-SHB127 IW-70-SHB129	9	155 to 194 (depending on the screen length of the well)	1,554	142,848	27 (3 liters per well)	Started injection in Section 2, Group 1 wells on March 18, 2010 and completed target volumes injection on March 29, 2010. Groundwater was extracted from all of the Section II, Group 2 wells. The EVO emulsion was injected at an average rate of 8 gpm and groundwater extraction

Table 2-4 (continued)

Injection Well Group	Total No. of Injection Wells	Target EVO Volume per Well (gallons)	Total EVO Volume (gallons)	Total Amended Volume (gallons)*	Total KB-1® Volume (liters)	Remarks
IW-70-SHB131 IW-70-SHB133 IW-70-SHB135 IW-70-SHB137						rates were maintained at 8 gpm.
Section 2, Group 2: IW-70-SHB120 IW-70-SHB122 IW-70-SHB124 IW-70-SHB126 IW-70-SHB128 IW-70-SHB130 IW-70-SHB132 IW-70-SHB134 IW-70-SHB136	9	155 to 194 (depending on the screen length of the well)	1,503	138,987	27 (3 liters per well)	Started injection in Section 2, Group 2 wells on March 29, 2010 and completed target volumes injection on April 7, 2010. Groundwater was extracted from all Section 2, Group 1 wells. The EVO emulsion was injected at an average rate of 7 gpm and groundwater extraction rates were maintained at 8 gpm.
Totals	**37**		**6,587**	**633,167**	**111**	**Target Volumes Complete**

Notes:

*Total amended volume is the summation of extracted groundwater and EVO.

EVO – emulsified vegetable oil

gpm – gallons per minute

KB-1® - dichlorinating microbial culture

Table 2-5
Soure Area Treatment Grid Performance Monitoring Redox Parameters

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SAT-31	5/17/2010	22.9	7200	0.00	6.44	-165	50	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-36	5/17/2010	22.4	5880	0.00	6.91	-162	54	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-03	5/18/2010	21.9	5010	0.00	6.77	-145	18	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-50	5/18/2010	22.0	7000	0.00	6.71	-155	81	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-16	5/19/2010	22.0	4880	0.00	6.59	-177	32	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-35	5/19/2010	22.0	6000	0.00	6.57	-101	22	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-45	5/19/2010	21.9	4880	0.00	6.99	-89	89	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-46	5/19/2010	22.1	5600	0.00	7.11	-175	22	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SAT-31	5/27/2010	22.3	7000	0.00	6.34	-188	54	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-35	5/27/2010	22.0	5990	0.00	6.55	-166	77	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-03	6/2/2010	22.0	5000	0.00	6.58	-199	242	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-16	6/2/2010	22.4	5000	0.00	6.34	-201	524	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-36	6/2/2010	22.1	6000	0.00	6.57	-198	>800	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-45	6/3/2010	21.0	5000	0.00	6.88	-179	>800	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-46	6/3/2010	25.0	5340	0.00	6.94	-233	775	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-50	6/3/2010	22.1	6660	0.00	6.70	-176	552	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-46	6/10/2010	22.3	5500	0.00	7.00	-200	303	NM	NM	NM	NM	Operational Monitoring
IW-70-SAT-31	6/16/2010	22.8	6550	0.00	6.28	-249	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-35	6/16/2010	21.9	6340	0.00	6.36	-199	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-45	6/21/2010	21.5	6850	0.00	6.31	-278	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-36	6/28/2010	22.0	5990	0.00	6.30	-221	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-50	6/28/2010	22.3	6000	0.00	6.29	-199	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-03	7/31/2010	20.1	5880	0.00	6.22	-299	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-16	8/2/2010	19.0	4900	0.00	6.21	-310	>800	NM	NM	NM	NM	Pre-KB-1
IW-70-SAT-50	9/28/2010	24.6	4830	0.00	6.66	-373	249	100	2000	75	19	Post Injection
IW-70-SAT-16	9/29/2010	25.8	6830	0.00	5.22	-243	194	100	4300	0	19	Post Injection
IW-70-SAT-31	9/29/2010	24.0	7030	0.00	5.35	-240	268	100	1750	8	20	Post Injection
IW-70-SAT-35	9/29/2010	22.7	7650	0.00	6.37	-311	33	80	500	0	18	Post Injection
IW-70-SAT-36	9/29/2010	23.5	7310	0.00	5.50	-256	0	150	569	0	17	Post Injection
IW-70-SAT-45	9/29/2010	25.7	9290	0.00	6.72	-391	79	120	100	0	25	Post Injection
IW-70-SAT-46	9/29/2010	23.8	5750	0.00	5.64	-242	0	80	1800	32	22	Post Injection
IW-70-SAT-03	9/30/2010	22.4	6750	0.00	4.99	-233	21	100	5000	0	25	Post Injection

Notes:
°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential

Table 2-6
First Sand Biobarrier-1 Performance Monitoring Redox Parameters

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB128	11/23/2009	7.07	2800	601	0	22.5	-101	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB129	11/23/2009	7.08	2730	622	0	22.5	-109	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB130	11/23/2009	6.97	3340	389	0	23.3	-89	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB131	11/23/2009	6.83	2200	281	0	23.1	-90	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB132	11/23/2009	6.59	2420	780	0	22.1	-71	NM	NM	NM	NM	Pre-Injection Baseline
RDO-1	11/23/2009	6.99	3260	228	0	22.3	-81	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB118	11/24/2009	7.12	2300	139	0	22.7	-151	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB119	11/24/2009	7.08	3010	281	0	22.8	-123	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB120	11/24/2009	7.01	3570	307	0	25.1	-167	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB121	11/24/2009	7.08	2120	680	0	22.3	-126	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB122	11/24/2009	6.40	3180	211	0	23.4	-90	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB123	11/24/2009	7.07	2960	545	0	22.0	-87	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB124	11/24/2009	7.11	2880	603	0	22.1	-92	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB125	11/24/2009	7.08	3000	248	0	23.4	-103	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB126	11/24/2009	7.15	3010	304	0	23.3	-110	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB127	11/24/2009	7.22	2440	535	0	22.5	-118	NM	NM	NM	NM	Pre-Injection Baseline
RDO-2	11/24/2009	6.92	2220	161	0	23.5	-116	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB110	11/25/2009	7.29	1450	444	0	22.3	-142	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB111	11/25/2009	7.19	1500	231	0	22.3	-155	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB112	11/25/2009	7.15	1730	211	0	22.3	-165	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB113	11/25/2009	7.20	1900	145	0	22.2	-189	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB114	11/25/2009	7.18	2000	44	0	22.2	-121	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB115	11/25/2009	7.20	1900	77	0	22.0	-144	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB116	11/25/2009	7.24	1870	87	0	22.4	-157	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB117	11/25/2009	7.18	2130	173	0	22.4	-137	NM	NM	NM	NM	Pre-Injection Baseline
RDO-3B	11/25/2009	7.18	1950	74	0	22.5	-140	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB101	11/27/2009	7.30	1900	121	0	22.1	-151	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB102	11/27/2009	7.45	1580	145	0	22.2	-148	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB103	11/27/2009	7.20	1600	15	0	22.3	-125	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB104	11/27/2009	7.10	1740	14	0	22.3	-134	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB105	11/27/2009	7.15	2200	178	0	22.3	-122	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB106	11/27/2009	7.20	2400	45	0	22.3	-155	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB107	11/27/2009	7.25	1900	68	0	22.1	-178	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB108	11/27/2009	7.20	1500	78	0	22.1	-147	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB109	11/27/2009	7.30	1780	158	0	22.0	-122	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW05A	11/30/2009	7.60	1200	55	0	22.1	-155	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW05B	11/30/2009	7.49	1200	79	0	22.2	-20	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW06A	11/30/2009	7.19	2200	87	0	22.1	-110	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW06B	11/30/2009	7.42	1570	54	0	22.2	-148	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW04A	12/2/2009	7.59	1100	10	0	22.0	-158	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW04B	12/2/2009	7.55	1570	32	0	22.1	-110	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB101	12/17/2009	6.10	2350	92	0	21.5	-237	NM	NM	NM	NM	Pre-KB1 Injection Group 1

Table 2-6 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB105	12/17/2009	6.15	3000	75	0	21.7	-250	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB109	12/17/2009	6.29	2980	60	0	22.0	-241	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB113	12/17/2009	6.51	2330	133	0	21.8	-283	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB125	12/17/2009	6.58	2300	89	0	22.0	-270	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB129	12/17/2009	6.48	2460	75	0	22.0	-253	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB117	12/18/2009	6.49	2200	200	0	22.0	-257	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB121	12/18/2009	6.58	2500	88	0	22.0	-202	NM	NM	NM	NM	Pre-KB1 Injection Group 1
IW-70-FSB-102	1/7/2010	5.99	2390	>800	0.00	20.0	-251	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-106	1/7/2010	5.91	3080	>800	0.00	20.9	-266	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-110	1/7/2010	5.98	2990	>800	0.00	20.9	-261	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-114	1/7/2010	6.22	5480	>800	0.00	22.0	-311	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-124	1/7/2010	6.32	2560	>800	0.00	21.4	-323	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-126	1/7/2010	6.55	2600	>800	0.00	21.1	-318	NM	NM	NM	NM	Pre-KB1 Injection Group 2
RDO-1	1/7/2010	6.20	2570	>800	0.00	21.2	-315	NM	NM	NM	NM	Pre-KB1 Injection Group 2
RDO-2	1/7/2010	6.57	2660	266	0.00	23.0	-344	NM	NM	NM	NM	Pre-KB1 Injection Group 2
RDO-3B	1/7/2010	6.37	2680	>800	0.00	22.0	-323	NM	NM	NM	NM	Pre-KB1 Injection Group 2
IW-70-FSB-122	1/21/2010	5.94	2310	655	0	20.0	-277	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-127	1/21/2010	5.99	2570	585	0	20.0	-296	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-130	1/21/2010	5.95	2390	697	0	20.1	-283	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-103	1/25/2010	5.75	2100	432	0	20.1	-347	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-107	1/26/2010	5.81	3010	588	0	20.1	-309	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-111	1/27/2010	5.37	1950	418	0	20.1	-289	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-114	1/28/2010	5.61	1840	487	0	21.4	-319	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-116	1/29/2010	5.90	2110	173	0	21.6	-308	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-118	1/30/2010	5.59	1970	204	0	21.5	-276	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-120	1/31/2010	5.58	3080	>800	0	21.3	-269	NM	NM	NM	NM	Pre-KB1 Injection Group 3
IW-70-FSB-104	2/9/2010	5.58	2370	589	0	20.5	-342	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-108	2/9/2010	5.98	2370	248	0	20.2	-338	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-112	2/9/2010	6.25	2390	203	0	19.7	-382	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-115	2/9/2010	6.21	2360	356	0	19.7	-405	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-119	2/9/2010	6.08	2400	214	0	19.6	-398	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-123	2/9/2010	6.21	2380	146	0	19.6	-404	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-128	2/9/2010	6.24	2400	421	0	19.7	-386	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB-131	2/9/2010	6.23	2370	729	0	19.7	-377	NM	NM	NM	NM	Pre-KB1 Injection Group 4
IW-70-FSB108	3/15/2010	5.45	2370	89	0	22.6	-263	65	4605	18	4.4	Post Injection
IW-70-FSB118	3/15/2010	6.32	3090	72	0	22.6	-333	375	70250	0	0.0	Post Injection
MW-70-PMW04A	3/15/2010	6.28	1080	0	0	22.4	-175	200	257	196	0.0	Post Injection
MW-70-PMW04B	3/15/2010	6.67	978	1.3	0	22.2	-214	125	27	141	0.0	Post Injection
MW-70-PMW05A	3/15/2010	6.35	2340	47	0	22.0	-201	275	259	35	6.6	Post Injection
MW-70-PMW05B	3/15/2010	6.88	1980	55	0	22.6	-189	250	24	336	0.8	Post Injection
IW-70-FSB108	4/7/2010	6.01	2590	170	0	23.1	-268	175	15120	0	8.8	Post Injection
IW-70-FSB118	4/7/2010	6.55	3100	150	0	23.0	-355	450	47650	0	0.0	Post Injection

Table 2-6 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
MW-70-PMW04A	4/7/2010	8.28	1170	19.3	0	22.9	-269	175	400	64	0.0	Post Injection
MW-70-PMW04B	4/7/2010	8.32	1180	0	0	23.6	-287	135	0	125	0.0	Post Injection
MW-70-PMW05A	4/7/2010	7.76	1200	285	0	23.4	-332	250	1160	97	1.2	Post Injection
MW-70-PMW05B	4/7/2010	7.28	1770	61	0	22.9	-251	175	1653	530	0.9	Post Injection
IW-70-FSB108	5/26/2010	6.37	2430	484	0	23.0	-210	150	10200	0	18.0	Post Injection
IW-70-FSB118	5/26/2010	6.98	3310	142	0	22.5	-336	400	32000	0	0.0	Post Injection
MW-70-PMW04A	5/26/2010	8.31	1230	155	0	23.2	-219	125	300	100	0.0	Post Injection
MW-70-PMW04B	5/26/2010	8.48	1120	84	0	23.7	-243	125	0	100	0.0	Post Injection
MW-70-PMW05A	5/26/2010	7.39	1420	238	0	22.9	-249	250	700	63	4.8	Post Injection
MW-70-PMW05B	5/26/2010	7.60	5230	132	0	23.0	-337	150	2300	0	0.5	Post Injection
IW-70-FSB108	6/30/2010	5.82	2450	335	0	23.1	-244	300	943	5	20.0	Post Injection
IW-70-FSB118	6/30/2010	6.21	3360	345	0	23.3	-303	400	20000	0	1.0	Post Injection
MW-70-PMW04A	6/30/2010	6.17	1440	10.3	0	21.9	-68	200	200	134	0.8	Post Injection
MW-70-PMW04B	6/30/2010	6.82	1260	14.3	0	22.1	-188	150	61	98	1.0	Post Injection
MW-70-PMW05A	6/30/2010	6.27	1450	93	0	23.1	-139	250	462	22	6.0	Post Injection
MW-70-PMW05B	6/30/2010	6.55	5420	249	0	22.3	-324	300	11100	19	0.6	Post Injection
IW-70-FSB108	7/28/2010	6.22	2420	369	0	22.1	-239	300	777	0	15.0	Post Injection
IW-70-FSB118	7/28/2010	6.39	3400	569	0	22.0	-272	300	17100	0	10.0	Post Injection
MW-70-PMW04A	7/28/2010	6.55	1400	10	0	22.0	-99	200	100	150	0.0	Post Injection
MW-70-PMW04B	7/28/2010	7.87	1400	5.8	0	22.1	-300	150	55	136	0.0	Post Injection
MW-70-PMW05A	7/28/2010	6.45	1410	222	0	22.2	-129	300	401	44	5.9	Post Injection
MW-70-PMW05B	7/28/2010	6.69	4110	251	0	22.9	-339	300	5900	42	0.5	Post Injection
MW-70-PMW04A	9/7/2010	6.94	1440	0	0	21.6	-165	200	120	150	0.0	Post Injection
MW-70-PMW04B	9/7/2010	7.52	1360	3.6	0	22.3	-279	150	60	150	0.6	Post Injection
IW-70-FSB108	9/8/2010	6.17	2360	477	0	21.7	-222	300	453	0	6.1	Post Injection
IW-70-FSB118	9/8/2010	6.55	3300	724	0	21.9	-234	300	9800	0	11.0	Post Injection
MW-70-PMW05A	9/8/2010	6.61	1370	>800	0	21.5	-169	400	302	57	3.4	Post Injection
MW-70-PMW05B	9/8/2010	6.73	3400	341	0	21.5	-343	400	3600	98	0.6	Post Injection

Notes:

°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential
pH - power of hydrogen

Table 2-7
First Sand Biobarrier-2 Performance Monitoring Redox Parameters

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB201	10/1/2009	6.77	10960	87	0.00	24.8	-123	80	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB201	10/20/2009	6.07	21800	68	0.00	21.9	-255	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB202	10/1/2009	6.77	13700	26	0.00	25.9	-104	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB202	10/15/2009	6.42	15100	207	0.00	22.7	-110	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB202	10/16/2009	6.58	15700	136	0.00	22.5	-142	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB202	10/19/2009	6.60	15800	60	0.00	21.9	-107	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB202	11/6/2009	6.48	7090	>800	0.00	19.8	-288	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB202	11/11/2009	5.73	12900	224	0.00	22.2	-293	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB202	11/17/2009	5.82	15200	377	0.00	22.4	-268	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB203	10/1/2009	6.72	27200	39	0.00	26.6	-100	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB203	11/2/2009	6.30	8000	189	0.00	21.8	-201	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB203	11/3/2009	6.25	95601	155	0.00	21.5	-221	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB203	11/4/2009	6.25	7340	164	0.00	21.7	-222	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB203	11/19/2009	5.81	12200	>800	0.00	21.1	-295	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB204	10/1/2009	6.85	16800	10	0.00	27.5	-116	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB204	10/20/2009	6.10	41800	21	0.00	21.8	-260	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB205	10/1/2009	6.79	20900	13	0.00	27.5	-101	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB205	10/15/2009	6.57	11900	293	0.00	22.0	-109	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB205	10/16/2009	6.71	11200	160	0.00	22.0	-153	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB205	10/19/2009	6.61	11700	107	0.00	23.8	-170	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB205	11/2/2009	6.10	11000	180	0.00	21.8	-208	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB205	11/3/2009	6.44	9220	172	0.00	21.6	-242	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB205	11/4/2009	6.06	13000	167	0.00	21.7	-217	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB205	11/5/2009	6.45	5890	>800	0.00	22.5	-285	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB205	11/11/2009	5.83	11900	831	0.00	22.4	-302	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB205	11/17/2009	5.75	16700	852	0.00	22.5	-268	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB206	10/1/2009	6.89	16600	65	0.00	27.2	-112	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB206	11/18/2009	5.72	7130	>800	0.00	22.5	-279	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB207	10/5/2009	7.12	7530	83	0.00	27.0	-112	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB207	10/20/2009	6.08	12900	55	0.00	22.0	-211	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB208	10/5/2009	6.62	5160	13	0.00	23.9	-333	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB208	10/15/2009	6.66	9100	352	0.00	21.9	-126	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB208	10/16/2009	6.76	9500	180	0.00	22.0	-179	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB208	10/19/2009	6.70	7860	91	0.00	22.2	-188	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB208	11/6/2009	6.51	8000	>800	0.00	19.8	-280	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB208	11/11/2009	5.69	7560	615	0.00	22.1	-300	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB208	11/17/2009	5.73	9800	533	0.00	22.2	-251	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB209	10/5/2009	6.59	9570	13	0.00	22.7	-182	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB209	11/2/2009	6.21	9990	150	0.00	21.8	-221	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB209	11/3/2009	6.33	11000	145	0.00	21.7	-223	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB209	11/4/2009	6.00	10300	216	0.00	21.6	-224	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB209	11/18/2009	5.84	19100	>800	0.00	22.3	-289	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB210	10/5/2009	6.70	23400	21	0.00	24.3	-112	NM	NM	NM	NM	Pre-Injection Baseline

Table 2-7 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB210	10/20/2009	6.03	40100	32	0.00	22.5	-213	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB211	10/5/2009	6.74	22300	69	0.00	23.9	-101	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB211	10/15/2009	6.70	6960	342	0.00	21.9	-104	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB211	10/16/2009	6.77	7560	197	0.00	22.2	-183	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB211	10/19/2009	6.61	7350	80	0.00	22.2	-200	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB211	11/6/2009	6.44	6800	>800	0.00	19.9	-299	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB211	11/11/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	OFFLINE
IW-70-FSB211	11/17/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	OFFLINE
IW-70-FSB212	10/6/2009	6.60	32100	33	0.00	24.4	-108	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB212	11/2/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	OFFLINE
IW-70-FSB212	11/2/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	OFFLINE
IW-70-FSB212	11/2/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	OFFLINE
IW-70-FSB212	11/18/2009	5.86	2340	>800	0.00	22.2	-298	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB213	10/6/2009	6.87	12500	43	0.00	24.0	-116	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB213	10/20/2009	6.00	30000	90	0.00	21.9	-241	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB214	10/6/2009	6.69	6760	62	0.00	23.7	-153	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB214	10/15/2009	6.72	9040	365	0.00	22.1	-105	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB214	10/16/2009	6.77	9220	245	0.00	22.5	-174	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB214	10/19/2009	6.65	9000	914	0.00	22.5	-196	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB214	11/6/2009	6.25	6910	>800	0.00	20.1	-338	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB214	11/11/2009	5.86	7840	739	0.00	23.5	-324	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB214	11/17/2009	5.64	9100	511	0.00	24.4	-243	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB215	10/6/2009	6.77	5580	0	0.00	22.8	-152	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB215	11/2/2009	6.00	12800	210	0.00	21.7	-225	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB215	11/3/2009	6.21	8740	200	0.00	21.7	-220	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB215	11/4/2009	5.83	11300	221	0.00	21.7	-228	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB215	11/18/2009	5.87	7550	>800	0.00	20.0	-307	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB216	10/6/2009	6.59	12700	79	0.00	22.0	-185	200	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB216	10/23/2009	6.00	12000	42	0.00	20.0	-255	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB216	2/11/2010	4.75	12500	297	0.00	20.7	-274	0	41310	NM	19.0	Post-injection*
IW-70-FSB216	3/15/2010	5.62	18800	145	0.00	22.3	-321	175	69480	14	1.3	Post Injection
IW-70-FSB216	4/8/2010	6.43	27700	30	0.00	22.0	-344	400	79850	0	0.0	Post Injection
IW-70-FSB216	5/27/2010	6.97	32000	344	0.00	21.9	-328	250	40000	0	0.5	Post Injection
IW-70-FSB216	6/22/2010	6.59	27300	>800	0.00	24.4	-361	250	60000	0	0.8	Post Injection
IW-70-FSB216	8/2/2010	6.39	30300	389	0.00	22.0	-333	300	10000	0	0.5	Post Injection
IW-70-FSB216	9/1/2010	6.25	30700	577	0.00	22.9	-329	500	1414	0	0.6	Post Injection
IW-70-FSB217	10/6/2009	6.64	10000	43	0.00	20.6	-106	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB217	10/15/2009	6.84	9170	355	0.00	22.6	-121	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB217	10/16/2009	6.51	9600	130	0.00	23.2	-154	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB217	10/19/2009	6.50	14400	26	0.00	25.0	-152	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB217	11/5/2009	6.56	5870	>800	0.00	23.1	-291	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB217	11/11/2009	5.76	6610	810	0.00	22.2	-302	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB217	11/17/2009	5.50	4790	488	0.00	23.3	-213	NM	NM	NM	NM	Group 3 Operational Data

Table 2-7 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB218	10/7/2009	6.77	10200	19	0.00	21.1	-117	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB218	11/2/2009	6.24	8000	30	0.00	21.7	-236	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB218	11/3/2009	6.08	8700	22	0.00	21.7	-225	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB218	11/4/2009	6.46	6720	15	0.00	21.6	-209	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB218	11/19/2009	5.81	19600	>800	0.00	19.0	-289	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB219	10/7/2009	6.99	3740	0	0.00	21.5	-132	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB219	10/20/2009	5.98	16300	78	0.00	21.8	-271	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB220	10/7/2009	6.92	4700	0	0.00	23.0	-129	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB220	10/15/2009	7.01	5140	398	0.00	24.6	-129	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB220	10/16/2009	6.64	4080	63	0.00	21.8	-162	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB220	10/19/2009	6.73	4030	106	0.00	22.0	-162	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB220	11/5/2009	6.47	6450	>800	0.00	22.1	-301	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB220	11/11/2009	5.62	7440	715	0.00	22.1	-291	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB220	11/17/2009	5.29	5850	419	0.00	22.2	-186	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB221	10/7/2009	6.86	4990	36	0.00	23.6	-132	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB221	11/2/2009	6.25	5440	25	0.00	21.7	-245	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB221	11/3/2009	6.20	5000	15	0.00	21.6	-278	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB221	11/4/2009	6.62	4800	13	0.00	21.6	-218	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB221	11/19/2009	5.93	10800	>800	0.00	19.9	-301	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB222	10/7/2009	6.99	6080	22	0.00	23.7	-125	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB222	10/23/2009	6.23	15000	80	0.00	20.1	-241	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB223	10/7/2009	7.12	1540	34	0.00	23.2	-147	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB223	10/15/2009	7.02	3060	268	0.00	21.6	-125	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB223	10/16/2009	6.66	3250	53	0.00	21.8	-164	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB223	10/19/2009	6.77	3340	189	0.00	21.9	-174	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB223	11/5/2009	6.46	8180	>800	0.00	21.9	-303	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB223	11/11/2009	5.75	6520	815	0.00	22.1	-303	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB223	11/17/2009	5.46	5810	860	0.00	23.7	-237	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB224	10/7/2009	7.01	1810	17	0.00	23.3	-133	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB224	11/2/2009	6.44	4550	24	0.00	21.7	-255	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB224	11/3/2009	6.18	2280	45	0.00	21.7	-245	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB224	11/4/2009	6.64	3340	18	0.00	21.5	-217	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB224	11/19/2009	5.80	7540	>800	0.00	20.8	-302	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
IW-70-FSB225	10/7/2009	7.17	1470	19	0.00	23.4	-119	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB225	10/20/2009	5.95	11000	78	0.00	21.9	-290	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB226	10/8/2009	7.18	1590	20	0.00	23.5	-151	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB226	10/15/2009	7.01	2290	249	0.00	21.6	-120	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB226	10/16/2009	6.63	3010	43	0.00	21.8	-165	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB226	10/19/2009	6.78	3170	152	0.00	21.9	-176	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB226	11/5/2009	6.63	5850	>800	0.00	21.8	-286	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB226	11/11/2009	5.72	6590	651	0.00	22.3	-274	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB226	11/17/2009	5.62	4000	473	0.00	22.3	-238	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB227	1/19/2009	5.88	3990	>800	0.00	21.0	-298	NM	NM	NM	NM	Pre-KB-1 Injection Group 3

Table 2-7 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-FSB227	10/8/2009	7.10	1460	30	0.00	23.8	-165	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB227	11/2/2009	6.13	3000	15	0.00	21.7	-266	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB227	11/3/2009	6.15	3660	12	0.00	21.7	-210	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB227	11/4/2009	6.69	2740	21	0.00	21.8	-224	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB228	10/8/2009	7.10	1590	20	0.00	23.6	-155	NM	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB228	10/23/2009	6.21	13200	71	0.00	20.1	-218	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
IW-70-FSB229	10/8/2009	7.07	1640	80	0.00	23.4	-136	60	NM	NM	NM	Pre-Injection Baseline
IW-70-FSB229	10/15/2009	6.97	2910	246	0.00	21.5	-123	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB229	10/16/2009	6.56	3270	18.1	0.00	22.9	-164	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB229	10/19/2009	6.76	3140	198	0.00	22.2	-176	NM	NM	NM	NM	Group 1 Operational Data
IW-70-FSB229	11/5/2009	6.45	8410	>800	0.00	21.6	-306	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
IW-70-FSB229	11/11/2009							NM	NM	NM	NM	Offline
IW-70-FSB229	11/17/2009	5.68	4400	554	0.00	22.5	-243	NM	NM	NM	NM	Group 3 Operational Data
IW-70-FSB229	2/11/2010	5.95	3930	11	0.00	22.0	-364	250	200	NM	0.2	Post Injection
IW-70-FSB229	3/15/2010	5.71	40000	234	0.00	21.2	-212	300	4470	227	1.2	Post Injection
IW-70-FSB229	4/8/2010	7.49	38900	400	0.00	23.1	-339	275	4140	510	0.8	Post Injection
IW-70-FSB229	5/27/2010	7.45	38500	>800	0.00	24.8	-321	250	13000	430	1.8	Post Injection
IW-70-FSB229	6/22/2010	7.00	33700	592	0.00	24.0	-332	250	12000	0	1.0	Post Injection
IW-70-FSB229	8/2/2010	6.89	34300	589	0.00	23.6	-312	350	8000	189	0.0	Post Injection
IW-70-FSB229	9/1/2010	6.73	35600	716	0.00	23.7	-306	400	3600	200	0.0	Post Injection
IW-70-FSB230	11/2/2009	6.21	10200	8	0.00	21.7	-205	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB230	11/3/2009	6.23	9010	7	0.00	21.6	-218	NM	NM	NM	NM	Group 2 Operational Data
IW-70-FSB230	11/4/2009	6.55	8110	28	0.00	19.5	-273	NM	NM	NM	NM	Group 2 Operational Data
MW-70-PMW07A	10/8/2009	6.57	45100	38	0.00	22.6	-191	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW07A	10/21/2009	6.67	41200	121	0.00	21.4	-130	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
MW-70-PMW07A	11/6/2009	6.52	38600	4.5	0.00	21.0	-246	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
MW-70-PMW07A	11/19/2009	6.54	45700	4.8	0.00	20.1	-292	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
MW-70-PMW07A	2/11/2010	5.78	48200	>800	0.00	20.6	-368	48	9310	760	1.2	Post Injection
MW-70-PMW07A	3/15/2010	6.43	46850	30	0.00	22.5	-364	300	79800	690	0.4	Post Injection
MW-70-PMW07A	4/8/2010	7.14	50700	0	0.00	21.3	-444	350	73150	1060	0.4	Post Injection
MW-70-PMW07A	5/27/2010	7.21	47900	37	0.00	21.0	-351	250	70000	0	1.0	Post Injection
MW-70-PMW07A	6/22/2010	7.05	41200	488	0.00	23.2	-430	200	65000	800	1.5	Post Injection
MW-70-PMW07A	8/2/2010	6.99	39900	301	0.00	23.2	-379	350	30000	810	1.1	Post Injection
MW-70-PMW07A	8/31/2010	6.75	38300	259	0.00	23.3	-369	500	20	790	1.0	Post Injection
MW-70-PMW07B	10/8/2009	6.67	31000	0	0.00	22.9	-150	NM	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW07B	10/21/2009	6.78	30000	60.2	0.00	22.8	-128	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
MW-70-PMW07B	11/6/2009	6.66	27300	0	0.00	22.3	-206	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
MW-70-PMW07B	11/19/2009	6.62	30400	8.6	0.00	23.3	-228	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
MW-70-PMW07B	2/11/2010	6.28	22100	>800	0.00	20.7	-290	90	180	400	2.4	Post Injection
MW-70-PMW07B	3/15/2010	6.93	15300	40	0.00	22.8	-292	175	650	366	1.2	Post Injection
MW-70-PMW07B	4/8/2010	7.72	13500	0	0.00	23.8	-298	200	240	750	1.4	Post Injection
MW-70-PMW07B	5/27/2010	8.13	7450	92	0.00	21.4	-283	200	500	250	2.0	Post Injection
MW-70-PMW07B	6/22/2010	7.64	6160	13.7	0.00	24.1	-302	225	35000	700	2.1	Post Injection

Table 2-7 (continued)

Well ID	Date	pH	Conductivity µS/cm	Turbidity NTU	DO mg/L	Temp. °C	ORP mV	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
MW-70-PMW07B	8/2/2010	7.43	6000	198	0.00	23.1	-299	250	8900	450	2.0	Post Injection
MW-70-PMW07B	8/31/2010	7.22	5460	265	0.00	23.0	-288	250	619	500	1.1	Post Injection
MW-70-PMW08A	10/8/2009	6.39	13800	4	0.00	23.1	-131	30	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW08A	10/21/2009	6.81	26100	142	0.00	22.6	-109	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
MW-70-PMW08A	11/6/2009	6.75	24100	21.7	0.00	23.6	-189	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
MW-70-PMW08A	11/19/2009	6.77	29400	31.8	0.00	22.2	-232	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
MW-70-PMW08A	2/11/2010	5.69	32000	>800	0.00	20.0	-278	160	58	NM	2.8	Post Injection
MW-70-PMW08A	3/15/2010	6.82	28500	25	0.00	23.1	-171	225	32	724	1.8	Post Injection
MW-70-PMW08A	4/8/2010	6.54	30600	9	0.00	22.8	-121	250	0	1160	2.1	Post Injection
MW-70-PMW08A	5/27/2010	7.75	30800	104	0.00	24.9	-239	200	35	400	2.9	Post Injection
MW-70-PMW08A	6/22/2010	7.08	26400	0	0.00	22.6	-88	200	50	500	2.0	Post Injection
MW-70-PMW08A	8/2/2010	7.01	27100	100	0.00	22.0	-199	200	322	480	2.5	Post Injection
MW-70-PMW08A	9/1/2010	6.89	27300	81.8	0.00	24.0	-219	200	665	500	2.8	Post Injection
MW-70-PMW08B	10/8/2009	6.79	4370	0	0.00	23.5	-187	50	NM	NM	NM	Pre-Injection Baseline
MW-70-PMW08B	10/21/2009	7.04	10200	264	0.00	22.8	-167	NM	NM	NM	NM	Pre-KB-1 Injection Group 1
MW-70-PMW08B	11/6/2009	7.02	10200	50.1	0.00	22.6	-233	NM	NM	NM	NM	Pre-KB-1 Injection Group 2
MW-70-PMW08B	11/19/2009	6.89	13000	43	0.00	22.3	-285	NM	NM	NM	NM	Pre-KB-1 Injection Group 3
MW-70-PMW08B	2/11/2010	5.64	8330	>800	0.00	20.0	-303	98	998	NM	1.4	Post Injection
MW-70-PMW08B	3/15/2010	6.85	9200	65	0.00	24.3	-253	200	24	420	2.8	Post Injection
MW-70-PMW08B	4/8/2010	7.12	9800	0	0.00	20.0	-270	300	0	490	2.6	Post Injection
MW-70-PMW08B	5/27/2010	7.90	10000	331	0.00	23.5	-246	250	45	400	3.0	Post Injection
MW-70-PMW08B	6/22/2010	7.25	8150	58	0.00	26.0	-230	250	55	200	3.1	Post Injection
MW-70-PMW08B	8/2/2010	7.10	7980	88	0.00	22.1	-248	300	62	298	3.8	Post Injection
MW-70-PMW08B	9/1/2010	6.94	7800	67	0.00	23.7	-244	350	85	315	4.0	Post Injection

Notes:

°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential
pH - power of hydrogen
*very foul odor and thick gray matter

Table 2-8
Shell Horizon Biobarrier-1 Performance Monitoring Redox Parameters

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB113	2/17/2010	22.4	2070	0.00	6.78	-160	2.0	NM	NM	NM	NM	Pre-injection Monitoring
MW-70-PMW09	2/17/2010	21.6	1500	0.00	7.07	-179	0.0	NM	NM	NM	NM	Pre-injection Monitoring
MW-70-PMW10	2/17/2010	22.2	2030	0.00	7.99	-123	17.3	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB113	3/3/2010	23.5	2020	0.00	6.07	-334	>800	NM	NM	NM	NM	Operational Monitoring
IW-70-SHB113	3/9/2010	22.1	1760	0.00	5.56	-270	65.0	NM	NM	NM	NM	Operational Monitoring
IW-70-SHB113	3/11/2010	22.1	2300	0.00	5.48	-336	82.0	NM	NM	NM	NM	Pre-KB-1
MW-70-PMW09	3/11/2010	22.2	1480	0.00	7.09	-182	0.0	NM	NM	NM	NM	Pre-KB-1
MW-70-PMW10	3/11/2010	22.2	2020	0.00	8.05	-188	36.0	NM	NM	NM	NM	Pre-KB-1
IW-70-SHB113	5/26/2010	23.1	2420	0.00	6.72	-321	132.0	175	1921	9	1.0	Post Injection
MW-70-PMW09	5/26/2010	21.2	1430	0.00	7.25	-180	0.0	125	72	113	1.9	Post Injection
MW-70-PMW10	5/26/2010	23.1	2040	0.00	8.11	-275	42.0	150	58	82	2.1	Post Injection
IW-70-SHB113	7/1/2010	21.3	2370	0.00	6.25	-287	600.0	200	12040	27	1.6	Post Injection
MW-70-PMW09	7/1/2010	21.2	1460	0.00	7.01	-250	4.7	200	143	111	1.0	Post Injection
MW-70-PMW10	7/1/2010	21.7	2100	0.00	7.24	-298	5.8	200	339	206	1.0	Post Injection
IW-70-SHB113	7/30/2010	22.3	2300	0.00	6.37	-255	589.0	200	10000	54	2.3	Post Injection
MW-70-PMW09	7/30/2010	23.0	1440	0.00	7.71	-255	3.2	200	89	100	1.8	Post Injection
MW-70-PMW10	7/30/2010	22.0	2200	0.00	7.33	-277	3.7	250	200	33	0.8	Post Injection
IW-70-SHB113	9/15/2010	23.0	2210	0.00	6.41	-212	401.0	200	8000	81	5.1	Post Injection
MW-70-PMW09	9/15/2010	23.1	1440	0.00	7.76	-264	0.0	250	100	101	1.5	Post Injection
MW-70-PMW10	9/15/2010	21.7	2060	0.00	7.58	-252	4.0	200	89	39	0.6	Post Injection

Notes:
°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential
pH - power of hydrogen

Table 2-9
Source Area Biobarrier Performance Monitoring Redox Parameters

Well ID	Date	DO mg/L	ORP mV	pH	Conductivity µs/cm	Turbidity NTU	Temp. °C	TOC mg/L	Sulfide µg/L	Alkalinity mg/L	Sulfate mg/L	Fe (Total) mg/L	Nitrate as Nitrogen (NO3) mg/L	Manganese mg/L	Comments
MW-70-PMW02A	12/8/2008	0.24	-267	7.61	1610	51.1	22.96	3.2	NM	NM	200	0.7	0.4	0.5	
MW-70-PMW02B	12/8/2008	0.00	-217	7.48	1740	0	23.08	3.2	NM	NM	190	0	0.3	0.5	
IW-70-SAB10	12/9/2008	0.00	-310	6.09	2970	>800	22.5	1210	NM	NM	30	0.5	1.2	0.1	
IW-70-SAB12	12/9/2008	0.00	-351	6.32	2930	>800	22.6	3190	NM	NM	150	0	5.5	11	
IW-70-SAB14	12/9/2008	0.00	-347	6.32	2610	>800	20.32	3110	NM	NM	30	0	0.7	0.4	
IW-70-SAB08	12/10/2008	0.00	-352	5.83	1780	>800	21.97	356	NM	NM	20	0.9	0.3	0	
IW-70-SAB09	12/10/2008	0.00	-330	5.71	2220	147	22.01	32	NM	NM	10	2	0.2	1	
IW-70-SAB11	12/10/2008	0.00	-350	5.91	2660	0	22.26	30	NM	NM	116	NM	0.6	13.6	
IW-70-SAB13	12/10/2008	0.23	-324	5.69	3440	266	23.09	42	NM	NM	280	2	0.4	5.8	
IW-70-SAB08	12/11/2008	0.00	-350	5.51*	1810	0	23.57	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB09	12/11/2008	0.00	-343	5.55*	1970	48.6	22.68	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB11	12/11/2008	0.00	-356	5.69*	2520	0	22.31	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB08	12/12/2008	0.00	-316	5.91	2900	>800	21.25	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB09	12/12/2008	0.00	-333	6.08	2860	141	21.82	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB11	12/12/2008	0.00	-347	6.10	3860	35.1	21.47	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB13	12/12/2008	0.00	-327	5.76	5050	277	22.14	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW03A	12/12/2008	0.00	-326	6.67	1460	0	22.02	37	NM	NM	140	0.68	0.3	0.2	
MW-70-PMW03B	12/12/2008	0.00	-338	6.65	1420	0	21.31	1	NM	NM	250	NM	0.4	NM	
IW-70-SAB08	12/15/2008	NM	-254	5.50	3330	400	18.3	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB13	12/15/2008	NM	-280	5.61	1860	>800	19.9	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB08	12/22/2008	0.00	-313	5.83	2510	273	21.6	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB10	12/22/2008	0.00	-289	5.47	2130	>800	20.21	811	NM	NM	NM	NM	NM	NM	
IW-70-SAB11	12/22/2008	0.00	-349	6.58	2670	147	21.11	469	NM	NM	9	0	0	1.7	
IW-70-SAB12	12/22/2008	0.00	-331	6.18	3620	250	21.44	552	NM	NM	0	1.2	0.6	0.5	
IW-70-SAB13	12/22/2008	0.00	-337	6.25	2890	408	21.17	429	NM	NM	NM	NM	NM	NM	
IW-70-SAB09	12/23/2008	0.00	-347	6.18	2510	125	21.39	389	NM	NM	11	0.8	0.6	3	
IW-70-SAB14	12/23/2008	0.00	-327	5.99	2340	415	20.44	421	NM	NM	15	1.2	0.5	1	
IW-70-SAB04	1/5/2009	0.15	-270	5.66	2380	>800	23.2	897	NM	NM	12	9	2.2	0	
IW-70-SAB05	1/5/2009	0.11	-324	6.23	8870	237	23.5	247	NM	NM	62	1.3	0	0	
IW-70-SAB06	1/5/2009	0.03	-274	5.51	2090	>800	22.5	860	NM	NM	0	7.5	0.9	1.9	
IW-70-SAB07	1/5/2009	0.02	-342	6.34	9110	665	23.0	187	NM	NM	52	0.6	1.8	9.1	
IW-70-SAB01	1/6/2009	0.44	-273	6.06	1570	298	23.5	239	NM	NM	70	6.6	0.4	0	
IW-70-SAB02	1/6/2009	0.33	-266	5.51	2120	>800	23.2	776	NM	NM	0	>10.0	0.4	0	
IW-70-SAB03	1/6/2009	0.13	-314	6.38	1930	405	23	298	NM	NM	4	1.4	0.2	0	
IW-70-SAB01	1/16/2009	0.08	-341	7.03	2910	89	23.9	456	NM	NM	1	0.4	0.5	0	
IW-70-SAB02	1/16/2009	0.04	-291	6.55	2940	130	25.1	807	NM	NM	NM	NM	NM	NM	
IW-70-SAB03	1/16/2009	0.00	-353	7.04	2780	94	24.7	479	NM	NM	1	0.3	0.4	0.3	
IW-70-SAB04	1/16/2009	0.00	-314	6.47	2930	378	23.6	793	NM	NM	NM	NM	NM	NM	
IW-70-SAB05	1/16/2009	0.12	-349	7.13	2880	83	23.7	480	NM	NM	NM	NM	NM	NM	
IW-70-SAB06	1/16/2009	0.10	-320	6.71	2970	251	22.51	730	NM	NM	10	0.5	0.9	0.2	
IW-70-SAB06	2/10/2009	0.00	-274	5.74	2660	>800	23.3	222	NM	NM	0.8	NM	101	22	

Table 2-9 (continued)

Well ID	Date	DO mg/L	ORP mV	pH	Conductivity µs/cm	Turbidity NTU	Temp. °C	TOC mg/L	Sulfide µg/L	Alkalinity mg/L	Sulfate mg/L	Fe (Total) mg/L	Nitrate as Nitrogen (NO3) mg/L	Manganese mg/L	Comments
IW-70-SAB07	2/10/2009	0.00	-358	6.80	3020	201	23.9	220	NM	NM	0.4	NM	0.6	2	
IW-70-SAB08	2/10/2009	0.00	-237	5.28	3440	56.9	22.4	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB01	2/11/2009	0.00	-242	6.11	2020	298	22.9	211	NM	NM	1	4	0.6	1.4	
IW-70-SAB02	2/11/2009	0.00	-234	5.92	2020	594	22.8	221	NM	NM	6	2.1	0	1.1	
IW-70-SAB03	2/11/2009	0.00	-289	6.33	2260	214	22.8	217	NM	NM	0	2	0.3	0.3	
IW-70-SAB04	2/11/2009	0.00	-242	5.93	2300	218	22.6	222	NM	NM	1	2.1	0.8	0.7	
IW-70-SAB05	2/11/2009	0.00	-280	6.35	2180	407	22.1	216	NM	NM	0	2	0.5	0.3	
IW-70-SAB10	2/12/2009	0.00	-317	5.85	2890	263	20.6	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB13	2/12/2009	0.00	-317	5.90	69.7	0	19.3	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB14	2/12/2009	0.00	-250	5.23	1180	156	18.1	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB08	3/2/2009	0.00	-203	5.13	2910	396	22.3	221	NM	NM	5	2.8	0.1	5.5	
IW-70-SAB09	3/2/2009	0.00	-255	5.17	1790	835	21.9	222	NM	NM	21	0.8	0.7	1.1	
IW-70-SAB10	3/2/2009	0.00	-329	5.89	2530	907	21.9	208	NM	NM	3.9	1	0.2	3.6	
IW-70-SAB11	3/3/2009	0.00	-258	5.18	2320	>800	21.0	444	NM	NM	0.2	1.4	1	1.2	
IW-70-SAB12	3/3/2009	0.00	-300	5.75	2770	718	21.5	380	NM	NM	0.1	2.2	0.8	3.1	
IW-70-SAB13	3/3/2009	0.00	-286	5.56	3190	855	22.6	440	NM	NM	0	1.8	1.1	0	
IW-70-SAB14	3/4/2009	0.00	-227	5.10	3200	328	18.6	231	NM	NM	0	2.2	0.4	0.9	
MW-70-PMW03A	3/4/2009	0.00	-272	5.82	1690	689	21.3	219	NM	NM	0	2	1	5.4	
MW-70-PMW03B	3/4/2009	0.00	-294	7.32	1650	0	21.7	2	NM	NM	360	1	0.6	1.1	
MW-70-PMW02A	3/27/2009	0.00	-302	7.43	1340	61	25.1	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW02B	3/27/2009	0.00	-249	7.47	1450	51	24.5	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW03A	3/27/2009	203µg/L	-277	5.96	1730	361	25.6	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW03B	3/27/2009	0.00	-299	7.45	1590	35	24.8	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB12	4/3/2009	385µg/L	-253	5.72	4230	303	23.8	NM	24100	NM	NM	NM	NM	NM	Sulfide sample 1:20 Dilution
IW-70-SAB13	4/3/2009	256µg/L	-267	5.60	3690	476	24.2	NM	17510	NM	NM	NM	NM	NM	BLACK PRECIPITATE IN WELL
IW-70-SAB02	4/6/2009	>800µg/L	-175	6.07	2110	327	25.6	NM	900	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB03	4/6/2009	>800µg/L	-213	6.44	2020	508	25.9	NM	764	NM	NM	NM	NM	NM	
IW-70-SAB04	4/6/2009	>800µg/L	-196	6.08	1480	428	26.8	NM	600	NM	NM	NM	NM	NM	VERY THICK BLACK PRECIPITATE IN WELL
IW-70-SAB06	4/6/2009	738µg/L	-252	6.16	2120	269	26.9	NM	3460	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB07	4/6/2009	17µg/L	-310	6.49	2460	182	29.3	NM	4940	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB08	4/6/2009	399µg/L	-213	5.25	3360	107	26.8	NM	1920	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB01	4/8/2009	>800µg/L	-185	6.71	2080	540	22.8	NM	400	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB05	4/8/2009	>800µg/L	-189	6.64	2340	325	25.4	NM	683	NM	NM	NM	NM	NM	
IW-70-SAB10	4/8/2009	357µg/L	-297	6.19	2870	271	22.3	NM	21750	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB11	4/8/2009	14µg/L	-237	5.19	4270	381	22.3	NM	15600	NM	NM	NM	NM	NM	GRAY FOAMY MATTER IN WELL
IW-70-SAB14	4/8/2009	586µg/L	-228	5.47	3480	122	21.2	NM	5550	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB09	4/9/2009	232µg/L	-229	5.19	4170	146	24.2	NM	9000	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB01	5/15/2009	0.00	-161	6.45	2190	>800	23.4	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB02	5/15/2009	NM	-140	6.05	2000	>800	24.0	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB03	5/15/2009	0.00	-166	6.44	2160	>800	24.5	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB04	5/15/2009	0.00	-171	6.33	1490	>800	24.5	NM	NM	NM	NM	NM	NM	NM	

Table 2-9 (continued)

Well ID	Date	DO mg/L	ORP mV	pH	Conductivity µs/cm	Turbidity NTU	Temp. °C	TOC mg/L	Sulfide µg/L	Alkalinity mg/L	Sulfate mg/L	Fe (Total) mg/L	Nitrate as Nitrogen (NO3) mg/L	Manganese mg/L	Comments
IW-70-SAB05	5/15/2009	0.05	-179	6.41	2180	>800	24.3	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB06	5/15/2009	NM	-226	6.23	2050	>800	24.1	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB07	5/15/2009	NM	-241	6.36	2520	>800	25.4	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB08	5/20/2009	NM	-192	5.22	3720	>800	24.6	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB09	5/20/2009	NM	-197	5.27	3900	>800	28.1	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB10	5/20/2009	NM	-290	6.10	1770	>800	24.7	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB11	5/20/2009	NM	-218	5.05	4010	>800	22.5	NM	NM	NM	NM	NM	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
IW-70-SAB12	5/20/2009	NM	-264	6.01	2960	>800	22.3	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB13	5/20/2009	NM	-258	6.22	3220	>800	22.1	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB14	5/20/2009	NM	-233	6.17	3180	>800	21.8	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB01	6/4/2009	NM	-210	6.49	2180	364	23.7	NM	389	NM	NM	NM	NM	NM	
IW-70-SAB02	6/4/2009	NM	-203	6.05	2520	587	24.1	NM	431	NM	NM	NM	NM	NM	
IW-70-SAB03	6/4/2009	NM	-216	6.40	2320	976	23.9	NM	282	NM	NM	NM	NM	NM	
IW-70-SAB04	6/4/2009	NM	-222	6.33	1690	469	24.3	NM	418	NM	NM	NM	NM	NM	
IW-70-SAB05	6/4/2009	NM	-221	6.39	2550	735	24.1	NM	167	NM	NM	NM	NM	NM	
IW-70-SAB06	6/4/2009	NM	-268	6.33	2170	>800	24.2	NM	4310	NM	NM	NM	NM	NM	Sulfide sample 1:5 Dilution
IW-70-SAB07	6/4/2009	NM	-253	6.47	2660	748	26.5	NM	1340	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB08	6/5/2009	NM	-212	5.80	2710	>800	23.1	NM	426	NM	NM	NM	NM	NM	
IW-70-SAB09	6/5/2009	NM	-202	5.07	4080	696	23.0	NM	8880	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB10	6/5/2009	NM	-283	6.33	2060	>800	22.1	NM	2080	NM	NM	NM	NM	NM	Sulfide sample 1:4 Dilution
IW-70-SAB11	6/5/2009	NM	-234	5.08	4100	555	23.1	NM	6200	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB12	6/5/2009	NM	-301	6.25	2540	506	22.8	NM	5280	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB13	6/5/2009	NM	-287	6.30	3540	256	23.0	NM	9000	NM	NM	NM	NM	NM	Sulfide sample 1:50 Dilution
IW-70-SAB14	6/5/2009	NM	-245	6.31	2570	574	22.0	NM	4500	NM	NM	NM	NM	NM	Sulfide sample 1:5 Dilution
IW-70-SAB06	6/30/2009	0.00	-295	6.42	2350	223	24.2	NM	3810	NM	NM	NM	NM	NM	Sulfide sample 1:5 Dilution
IW-70-SAB09	6/30/2009	0.00	-236	5.24	4080	51	27.2	NM	4310	NM	NM	NM	NM	NM	Sulfide sample 1:5 Dilution
IW-70-SAB10	6/30/2009	0.00	-295	6.37	3080	68	24.7	NM	1774	NM	NM	NM	NM	NM	Sulfide sample 1:2 Dilution
IW-70-SAB11	6/30/2009	0.00	-263	5.35	4500	643	26.9	NM	3235	NM	NM	NM	NM	NM	Sulfide sample 1:5 Dilution
IW-70-SAB12	6/30/2009	0.00	-254	6.31	3430	38	25.5	NM	2250	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB13	6/30/2009	0.00	-222	6.50	3910	109	23.8	NM	2850	NM	NM	NM	NM	NM	Sulfide sample 1:10 Dilution
IW-70-SAB14	6/30/2009	0.00	-212	6.40	3620	119	22.1	NM	1780	NM	NM	NM	NM	NM	Sulfide sample 1:3 Dilution
IW-70-SAB01	7/1/2009	0.00	-174	6.35	2290	204	23.9	NM	493	NM	NM	NM	NM	NM	
IW-70-SAB02	7/1/2009	0.00	-168	6.34	2280	143	25.1	NM	848	NM	NM	NM	NM	NM	
IW-70-SAB03	7/1/2009	0.00	-166	6.58	2230	460	24.8	NM	439	NM	NM	NM	NM	NM	
IW-70-SAB04	7/1/2009	0.00	-167	6.57	1660	104	24.6	NM	395	NM	NM	NM	NM	NM	
IW-70-SAB05	7/1/2009	0.00	-159	6.59	2510	67	25.4	NM	427	NM	NM	NM	NM	NM	
IW-70-SAB07	7/1/2009	0.00	-181	6.58	2610	40	25.9	NM	862	NM	NM	NM	NM	NM	
IW-70-SAB08	7/1/2009	0.00	-174	6.38	3290	54	27.0	NM	1150	NM	NM	NM	NM	NM	
MW-70-PMW02A	7/6/2009	0.00	-238	7.36	788	54	23.9	NM	46	NM	NM	NM	NM	NM	
MW-70-PMW02B	7/6/2009	0.00	-216	7.13	921	3.2	23.8	NM	47	NM	NM	NM	NM	NM	
MW-70-PMW03A	7/6/2009	0.00	-184	6.21	10900	298	25.6	NM	542	NM	NM	NM	NM	NM	

Table 2-9 (continued)

Well ID	Date	DO mg/L	ORP mV	pH	Conductivity µs/cm	Turbidity NTU	Temp. °C	TOC mg/L	Sulfide µg/L	Alkalinity mg/L	Sulfate mg/L	Fe (Total) mg/L	Nitrate as Nitrogen (NO3) mg/L	Manganese mg/L	Comments
MW-70-PMW03B	7/6/2009	0.00	-333	7.15	925	17	27.5	NM	694	NM	NM	NM	NM	NM	
IW-70-SAB02	8/4/2009	0.00	-212	NM	2580	79	29.2	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB03	8/4/2009	0.00	-230	NM	2400	80	28.9	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB04	8/4/2009	0.00	-223	NM	2030	61	31.0	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB05	8/4/2009	0.00	-221	NM	2710	181	29.9	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW02A	8/4/2009	0.00	-215	NM	1350	65.4	23.6	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW02B	8/4/2009	0.00	-175	NM	1600	0	24.9	NM	NM	NM	NM	NM	NM	NM	
MW-70-PMW03A	8/4/2009	0.00	-184	NM	1830	6.3	27.7	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB07	8/5/2009	0.00	-215	NM	2760	204	28.2	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB08	8/5/2009	0.00	-180	NM	3690	126	27.7	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB10	8/5/2009	0.00	-209	NM	3180	110	26.4	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB12	8/5/2009	0.00	-175	NM	3220	130	25.8	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB13	8/5/2009	0.00	-166	NM	2770	171	24.4	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB14	8/5/2009	0.00	-145	NM	3400	286	23.2	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB01	8/6/2009	0.00	-145	NM	2660	515	26.6	NM	NM	700	NM	NM	NM	NM	
IW-70-SAB06	8/10/2009	0.00	-223	6.38	2270	555	24.4	NM	NM	275	NM	NM	NM	NM	
IW-70-SAB09	8/10/2009	0.00	-194	5.66	4060	493	26.7	NM	NM	0	NM	NM	NM	NM	
IW-70-SAB11	8/10/2009	0.00	-217	5.60	4270	304	25.7	NM	NM	0	NM	NM	NM	NM	
MW-70-PMW03B	8/10/2009	0.00	-345	7.37	1590	18.7	29.9	NM	NM	NM	NM	NM	NM	NM	
IW-70-SAB03	11/11/2009	0.00	-229	6.53	2370	>800	23.7	NM	198	50	2	30	NM	NM	
IW-70-SAB11	11/11/2009	0.00	-231	4.94	4560	286	21.8	NM	473	0	0	15	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	11/11/2009	0.00	-164	6.13	1670	571	23.9	NM	112	100	0	24	NM	NM	
MW-70-PMW03B	11/11/2009	0.00	-309	7.04	1540	190	23.8	NM	42	100	160	1	NM	NM	
IW-70-SAB03	12/28/2009	0.00	-133	6.84	1950	774	23.2	NM	140	50	0	30	NM	NM	
IW-70-SAB11	12/29/2009	0.00	-141	5.67	3730	551	22.5	NM	500	0	0	12	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	12/30/2009	0.00	-179	6.81	1590	93	22.8	NM	100	150	0	22	NM	NM	
MW-70-PMW03B	12/31/2009	0.00	-205	6.98	1440	295	23.4	NM	40	100	220	4	NM	NM	
MW-70-PMW03A	2/4/2010	0.00	-147	6.18	1820	37	23.0	NM	379	>100	0	22.2	NM	NM	
MW-70-PMW03B	2/4/2010	0.00	-192	7.02	1440	9.1	23.2	NM	0	95	300	0.6	NM	NM	
IW-70-SAB11	2/11/2010	0.00	-276	5.52	4200	>800	22.1	NM	710	0	NM	2.4	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
IW-70-SAB03	2/12/2010	0.00	-189	6.77	2010	>800	22.0	NM	200	>100	NM	22	NM	NM	
IW-70-SAB03	3/18/2010	0.00	-143	6.19	2810	137	24.5	NM	490	75	0	22.2	NM	NM	
IW-70-SAB11	3/18/2010	0.00	-148	6.17	4990	390	22.1	NM	1210	50	0	16.2	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	3/18/2010	0.00	-120	5.42	1710	222	22.3	NM	280	125	8	19.2	NM	NM	
MW-70-PMW03B	3/18/2010	0.00	-133	5.63	1590	282	23.5	NM	22	125	300	0.6	NM	NM	
IW-70-SAB03	4/7/2010	0.00	-242	7.60	2640	183	25.2	NM	70	90	0	24.4	NM	NM	
IW-70-SAB11	4/7/2010	0.00	-193	7.43	4130	>800	22.2	NM	930	275	0	36	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	4/7/2010	0.00	-110	6.86	1850	641	22.9	NM	420	275	0	23	NM	NM	
MW-70-PMW03B	4/7/2010	0.00	-133	7.25	1590	620	22.7	NM	25	190	290	0.8	NM	NM	
IW-70-SAB03	5/25/2010	0.00	-214	7.72	2870	198	21.4	NM	560	500	0	19.5	NM	NM	
IW-70-SAB11	5/25/2010	0.00	-239	7.50	4470	694	22.3	NM	1220	720	0	16.6	NM	NM	

Table 2-9 (continued)

Well ID	Date	DO mg/L	ORP mV	pH	Conductivity µs/cm	Turbidity NTU	Temp. °C	TOC mg/L	Sulfide µg/L	Alkalinity mg/L	Sulfate mg/L	Fe (Total) mg/L	Nitrate as Nitrogen (NO3) mg/L	Manganese mg/L	Comments
MW-70-PMW03A	5/25/2010	0.00	-266	6.49	2120	677	23.0	NM	400	500	0	23.7	NM	NM	
MW-70-PMW03B	5/25/2010	0.00	-309	7.55	1870	19.3	23.6	NM	30	160	600	0.4	NM	NM	
IW-70-SAB03	6/29/2010	0.00	-169	6.61	1490	345	23.0	NM	517	300	0	20	NM	NM	
IW-70-SAB11	6/29/2010	0.00	-159	6.83	2510	161	21.5	NM	1000	800	0	18.4	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	6/29/2010	0.00	-131	6.48	1130	265	23.2	NM	100	500	0	23	NM	NM	
MW-70-PMW03B	6/29/2010	0.00	-273	7.38	1120	40	23.5	NM	96	200	200	1.3	NM	NM	
IW-70-SAB03	7/29/2010	0.00	-199	6.60	1590	231	22.9	NM	899	300	0	15.5	NM	NM	
IW-70-SAB11	7/29/2010	0.00	-172	6.90	3500	189	22.9	NM	745	700	0	18.5	NM	NM	
MW-70-PMW03A	7/29/2010	0.00	-155	6.49	1500	NM	NM	NM	102	500	0	23.1	NM	NM	
MW-70-PMW03B	7/29/2010	0.00	-272	7.51	1400	NM	NM	NM	75	150	300	NM	NM	NM	
IW-70-SAB03	8/30/2010	0.00	-129	6.63	1730	55.3	28.9	NM	1563	350	0	11.3	NM	NM	
IW-70-SAB11	8/30/2010	0.00	-167	6.65	3870	194	22.7	NM	518	620	0	18.0	NM	NM	HAD TO PUNCH THROUGH CAP ON TOP OF WATER
MW-70-PMW03A	9/2/2010	0.00	-166	6.48	1850	>800	23.9	NM	134	450	0	18	NM	NM	
MW-70-PMW03B	9/2/2010	0.00	-276	7.52	1600	>800	24.4	NM	61	150	375	1.2	NM	NM	

Notes:
°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential
pH - power of hydrogen

Table 2-10
Shell Horizon Biobarrier-3 Performance Monitoring Redox Parameters

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB316	3/16/2009	22.3	4780	0.00	6.94	-248	685.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB317	3/16/2009	22.6	5610	0.00	6.96	-264	503.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB318	3/16/2009	22.7	5170	0.00	6.87	-192	340.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB319	3/16/2009	22.9	3760	0.00	7.02	-200	118.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB320	3/16/2009	23.0	5430	0.00	6.86	-198	75.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB301	3/19/2009	24.0	7090	0.00	7.02	-143	447.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB302	3/19/2009	24.0	7110	0.00	7.00	-152	244.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB303	3/19/2009	24.3	7120	0.00	7.02	-164	306.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB304	3/19/2009	22.0	6900	0.00	6.88	-160	44.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB305	3/19/2009	22.0	6940	0.00	6.89	-155	53.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB306	3/19/2009	24.0	6600	0.00	6.98	-141	64.3	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB307	3/19/2009	24.3	6500	0.00	6.99	-152	279.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB308	3/19/2009	24.7	6320	0.00	7.01	-153	86.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB309	3/19/2009	23.7	6440	0.00	7.05	-177	30.8	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB310	3/19/2009	21.6	6240	0.00	7.08	-235	OR	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB311	3/19/2009	21.7	6510	0.00	7.21	-165	OR	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB312	3/19/2009	19.7	6030	0.00	7.01	-109	50.6	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB313	3/19/2009	19.9	6430	0.00	7.02	-127	4.4	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB314	3/19/2009	19.2	9130	0.00	7.11	-158	60.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB315	3/19/2009	19.0	5290	0.00	7.01	-157	4.8	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SHB302	4/1/2009	23.1	5970	0.00	7.14	-151	33.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/1/2009	21.4	5670	0.00	7.09	-148	29.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/1/2009	21.5	5750	0.00	7.06	-146	19.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/1/2009	21.6	5630	0.00	7.05	-143	12.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/1/2009	21.9	4910	0.00	7.07	-134	6.8	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB312	4/1/2009	22.0	5120	0.00	7.02	-128	85.5	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/1/2009	21.7	4000	0.00	7.11	-139	88.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/1/2009	21.7	4540	0.00	7.07	-149	98.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/1/2009	21.7	5060	0.00	6.98	-151	106.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/1/2009	22.1	4030	0.00	7.04	-157	107.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/2/2009	21.4	5250	0.00	7.13	-151	107.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/2/2009	21.3	5250	0.00	7.14	-147	103.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/2/2009	21.3	5570	0.00	7.13	-144	123.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/2/2009	21.5	5420	0.00	7.11	-138	117.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/2/2009	22.1	4800	0.00	7.15	-126	99.9	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB312	4/2/2009	21.3	3820	0.00	7.26	-140	11.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/2/2009	21.3	3800	0.00	7.26	-143	12.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/2/2009	21.4	4490	0.00	7.16	-150	13.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/2/2009	21.5	4830	0.00	7.06	-151	16.8	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/2/2009	21.6	3970	0.00	7.13	-156	121.6	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/3/2009	21.4	5540	0.00	7.05	-123	157.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/3/2009	21.4	5490	0.00	7.07	-129	165.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/3/2009	21.2	5840	0.00	7.06	-132	193.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/3/2009	21.3	5680	0.00	7.07	-138	204	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/3/2009	21.4	5110	0.00	7.10	-141	229.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB312	4/3/2009	21.2	3970	0.00	7.20	-144	4.9	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/3/2009	21.3	3920	0.00	7.20	-150	5.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/3/2009	21.4	4340	0.00	7.12	-154	97.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/3/2009	21.5	4830	0.00	7.02	-153	10.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/3/2009	21.6	4230	0.00	7.07	-157	14.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/6/2009	21.4	5890	0.00	7.08	-131	110.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/6/2009	21.4	5550	0.00	7.08	-131	100.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/6/2009	21.5	5990	0.00	7.07	-133	200.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/6/2009	21.5	5470	0.00	7.09	-141	198	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/6/2009	21.5	5000	0.00	7.09	-155	201.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB312	4/6/2009	21.5	3880	0.00	7.15	-148	18.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/6/2009	21.5	3880	0.00	7.19	-152	10.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/6/2009	21.4	4880	0.00	7.11	-155	88.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/6/2009	21.5	4880	0.00	7.05	-155	48.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/6/2009	21.5	4330	0.00	7.10	-158	22.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/7/2009	21.0	6000	0.00	7.07	-131	22.3	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/7/2009	21.3	5690	0.00	7.08	-143	99.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/7/2009	21.0	5880	0.00	7.09	-145	45.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/7/2009	21.0	5550	0.00	7.12	-149	89.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/7/2009	20.9	5230	0.00	7.16	-139	155.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB312	4/7/2009	21.1	3900	0.00	7.17	-140	54.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/7/2009	21.0	4000	0.00	7.19	-150	25.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/7/2009	21.0	4790	0.00	7.11	-148	59.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/7/2009	21.0	4800	0.00	7.05	-151	54.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/7/2009	21.0	4300	0.00	7.14	-158	23.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/8/2009	21.0	6100	0.00	7.07	-122	54.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/8/2009	21.0	5570	0.00	7.09	-144	54.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/8/2009	21.0	5910	0.00	7.11	-177	99.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/8/2009	20.9	5690	0.00	7.10	-145	54.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/8/2009	21.0	5440	0.00	7.11	-145	189.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB312	4/8/2009	20.0	4050	0.00	7.18	-123	238.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB314	4/8/2009	21.0	4020	0.00	7.20	-134	26.6	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB316	4/8/2009	21.0	4750	0.00	7.13	-140	28.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB318	4/8/2009	21.1	4880	0.00	7.06	-156	32.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB320	4/8/2009	20.9	4060	0.00	7.15	-195	38.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB302	4/9/2009	20.8	6300	0.00	7.03	-102	13.5	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB304	4/9/2009	20.8	5730	0.00	7.06	-158	3.3	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB306	4/9/2009	20.7	5990	0.00	7.16	-208	75.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB308	4/9/2009	20.8	5890	0.00	7.17	-216	57.6	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB310	4/9/2009	20.3	5460	0.00	7.21	-200	203.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen
IW-70-SHB303	4/14/2009	23.7	5500	0.00	6.91	-346	>800	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB307	4/14/2009	24.1	4700	0.00	6.72	-323	27	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB309	4/14/2009	24.9	5200	0.00	6.49	-304	580	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB311	4/14/2009	23.2	6300	0.00	6.78	-327	290	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB313	4/14/2009	21.8	4500	0.00	6.87	-313	54	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB315	4/14/2009	20.1	4500	0.00	6.84	-304	57	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB317	4/14/2009	20.5	4700	0.00	6.74	-284	45	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB319	4/14/2009	17.9	3500	0.00	6.96	-293	22	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB301	4/15/2009	21.0	6800	0.00	6.90	-292	44	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB305	4/15/2009	21.1	5700	0.00	6.81	-310	33	NM	NM	NM	NM	Pre-KB-1 Lower, Group 1
IW-70-SHB302	4/16/2009	25.1	5040	0.00	7.02	-272	0.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB306	4/16/2009	21.5	5280	0.00	6.98	-238	76.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB308	4/16/2009	22.1	4710	0.00	7.03	-224	67.8	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB310	4/16/2009	22.0	4680	0.00	7.02	-211	45.5	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB312	4/16/2009	21.8	3740	0.00	7.08	-110	72.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB314	4/16/2009	21.5	3740	0.00	7.10	-151	89.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB316	4/16/2009	21.7	4380	0.00	7.01	-166	105.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB318	4/16/2009	21.8	4540	0.00	6.91	-211	134.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB320	4/16/2009	22.1	3710	0.00	6.98	-206	173.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Lower Screen, 100%
IW-70-SHB302	4/21/2009	22.2	5520	0.00	7.12	-253	9.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB304	4/21/2009	21.8	5500	0.00	7.12	-249	151.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB306	4/21/2009	21.8	5800	0.00	7.09	-250	126.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB308	4/21/2009	22.2	5180	0.00	7.14	-237	105	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB310	4/21/2009	25.1	5110	0.00	7.10	-229	80.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB312	4/21/2009	21.8	4170	0.00	7.26	-244	2.4	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB314	4/21/2009	21.5	4100	0.00	7.26	-240	3.5	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB316	4/21/2009	21.6	4110	0.00	7.25	-243	4.6	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB318	4/21/2009	21.9	4960	0.00	7.09	-240	6.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB320	4/21/2009	22.3	4110	0.00	7.15	-239	7.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB302	4/24/2009	22.2	5010	0.00	6.53	-294	34.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB304	4/24/2009	21.6	5010	0.00	6.53	-292	31.1	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB306	4/24/2009	21.4	5010	0.00	6.53	-290	44.9	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB308	4/24/2009	22.0	5020	0.00	6.54	-286	45.7	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB310	4/24/2009	22.6	4980	0.00	6.54	-280	43.3	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB312	4/24/2009	21.8	3750	0.00	6.70	-292	28.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB314	4/24/2009	21.8	3590	0.00	6.67	-288	23.3	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB316	4/24/2009	22.4	3670	0.00	6.64	-238	21.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB318	4/24/2009	22.1	4320	0.00	6.49	-268	19.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB320	4/24/2009	22.9	3680	0.00	6.51	-276	14.9	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB304	4/28/2009	21.6	5340	0.00	6.93	-217	58.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB306	4/28/2009	21.4	5830	0.00	6.89	-210	67.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB308	4/28/2009	22.0	5100	0.00	7.00	-204	71	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB310	4/28/2009	22.2	5120	0.00	7.00	-202	62.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB312	4/28/2009	21.3	4230	0.00	7.04	-259	57.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB314	4/28/2009	21.4	4230	0.00	7.05	-264	58.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB316	4/28/2009	22.0	4310	0.00	7.03	-265	58.0	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB301	5/1/2009	27.7	2550	0.00	5.44	-345	286	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB303	5/1/2009	26.8	2290	0.00	5.50	-360	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB306	5/1/2009	21.1	2730	0.00	5.99	-264	>800	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB307	5/1/2009	28.8	9550	0.00	5.30	-338	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB309	5/1/2009	27.7	2680	0.00	5.35	-361	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB311	5/1/2009	25.2	2930	0.00	5.05	-351	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB312	5/1/2009	21.7	2270	0.00	6.29	-297	10.2	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB314	5/1/2009	21.3	2260	0.00	6.32	-304	2.5	NM	NM	NM	NM	Operational Monitoring, Group 1, Upper Screen, 80%
IW-70-SHB319	5/1/2009	22.8	2390	0.00	5.56	-353	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB305	5/7/2009	24.1	2600	0.00	5.77	-362	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB313	5/7/2009	23.2	2900	0.00	5.66	-357	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB315	5/8/2009	23.2	2400	0.00	5.89	-355	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 1
IW-70-SHB301	5/18/2009	25.0	4520	0.00	5.82	-239	319	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	5/18/2009	23.3	5090	0.00	5.71	-244	329	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	5/18/2009	24.4	5350	0.00	5.47	-220	630	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	5/18/2009	22.9	3520	0.00	5.97	-242	228	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	5/22/2009	23.0	4680	0.00	6.04	-278	278	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	5/22/2009	22.7	5080	0.00	5.84	-292	696	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	5/22/2009	24.5	4900	0.00	5.38	-279	465	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	5/26/2009	23.2	4960	0.00	5.90	-231	248	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	5/26/2009	25.1	5040	0.00	5.75	-267	242	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	5/26/2009	22.4	5050	0.00	5.79	-321	414	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	5/26/2009	22.4	5070	0.00	5.79	-267	236	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	5/26/2009	24.9	5000	0.00	5.40	-314	446	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	5/26/2009	22.3	3530	0.00	6.30	-403	742	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	5/27/2009	22.2	4380	0.00	5.92	-373	506	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	5/27/2009	22.1	4650	0.00	5.77	-345	292	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	5/27/2009	21.9	4830	0.00	5.76	-339	215	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	5/27/2009	21.9	4680	0.00	5.76	-334	>800	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	5/27/2009	24.3	4630	0.00	5.26	-269	768	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB315	5/27/2009	23.2	3700	0.00	5.70	-275	30	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	5/27/2009	21.6	2130	0.00	6.17	-307	>800	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	5/28/2009	22.4	4750	0.00	6.02	-249	269	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	5/28/2009	23.5	4880	0.00	5.87	-260	283	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	5/28/2009	22.6	4970	0.00	5.91	-284	319	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	5/28/2009	22.3	4870	0.00	5.92	-291	351	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	5/28/2009	24.9	4580	0.00	5.38	-284	248	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	5/28/2009	22.4	3380	0.00	6.31	-384	54	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/1/2009	22.1	4480	0.00	6.00	-430	233	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/1/2009	22.3	4600	0.00	5.88	-415	180	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	6/1/2009	22.2	5710	0.00	5.98	-374	172	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/1/2009	22.0	4630	0.00	5.88	-423	163	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	6/1/2009	21.7	2980	0.00	6.19	-327	90	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/2/2009	23.8	4550	0.00	6.02	-289	423	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/2/2009	27.1	4470	0.00	6.00	-332	590	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	6/2/2009	23.4	4880	0.00	6.01	-361	456	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/2/2009	22.7	4430	0.00	6.02	-388	596	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	6/2/2009	23.5	2960	0.00	6.47	-397	144	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/3/2009	28.2	5120	0.00	6.20	-401	119	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB309	6/3/2009	21.8	5300	0.00	6.10	-389	64	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB317	6/3/2009	22.1	3760	0.00	6.43	-394	282	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	6/3/2009	22.0	3520	0.00	6.49	-370	35	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/4/2009	21.3	5050	0.00	5.83	-324	996	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/4/2009	22.5	5240	0.00	5.89	-343	446	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/4/2009	21.7	5290	0.00	5.93	-382	271	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	6/4/2009	23.1	5170	0.00	5.34	-319	165	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/8/2009	22.0	4850	0.00	6.48	-318	268	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/8/2009	22.0	4990	0.00	6.28	-325	306	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/8/2009	22.1	4800	0.00	6.20	-380	601	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	6/22/2009	22.7	55500	0.00	6.38	-358	73	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB308	6/22/2009	22.5	5280	0.00	5.41	-302	298	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB309	6/22/2009	22.3	6270	0.00	6.36	-348	538	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB310	6/22/2009	22.4	5380	0.00	5.44	-305	353	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB311	6/22/2009	22.3	2910	0.00	5.86	-311	311	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB312	6/22/2009	22.2	5020	0.00	5.77	-336	221	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB313	6/22/2009	21.9	6200	0.00	5.98	-327	297	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB314	6/22/2009	28.6	25800	0.00	6.20	-420	155	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB315	6/22/2009	28.1	5590	0.00	5.51	-308	375	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB316	6/22/2009	27.4	4880	0.00	5.71	-320	752	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB317	6/22/2009	27.8	23400	0.00	6.02	-356	146	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB318	6/22/2009	28.1	4870	0.00	6.16	-349	397	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB319	6/22/2009	27.1	5140	0.00	6.01	-338	732	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB320	6/22/2009	24.4	5250	0.00	6.17	-355	153	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB301	6/23/2009	24.4	5010	0.00	5.71	-301	412	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB302	6/23/2009	24.5	5200	0.00	5.62	-322	164	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB303	6/23/2009	24.4	6620	0.00	5.69	-272	199	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB304	6/23/2009	24.3	5840	0.00	5.55	-309	293	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB305	6/23/2009	24.2	6210	0.00	5.65	-325	117	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB306	6/23/2009	24.0	4460	0.00	5.91	-323	624	NM	NM	NM	NM	Operational Monitoring, Mid-Injection
IW-70-SHB301	6/25/2009	21.9	7000	0.00	5.99	-365	654	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/25/2009	23.5	2400	0.00	5.79	-356	376	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	6/25/2009	23.7	4900	0.00	6.14	-342	251	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/25/2009	21.7	6170	0.00	5.81	-323	190	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	6/25/2009	21.6	3990	0.00	6.34	-343	37	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	6/30/2009	25.1	6380	0.00	6.16	-460	426	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	6/30/2009	28.0	9800	0.00	6.12	-408	28	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	6/30/2009	26.3	3940	0.00	5.83	-409	90	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	6/30/2009	22.1	6600	0.00	6.26	-423	39	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	6/30/2009	27.1	5440	0.00	5.76	-377	274	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB315	6/30/2009	25.0	4970	0.00	5.85	-422	192	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB317	6/30/2009	27.2	6400	0.00	5.81	-349	62	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	6/30/2009	22.3	4120	0.00	6.39	-367	24	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	7/6/2009	29.7	3930	0.00	6.21	-354	367	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB304	7/6/2009	22.8	7130	0.00	5.56	-318	76.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB305	7/6/2009	32.6	9210	0.00	5.65	-403	306	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	7/6/2009	29.9	15400	0.00	6.21	-402	144	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	7/6/2009	27.1	4636	0.00	6.47	-404	629	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB310	7/6/2009	23.1	7015	0.00	5.78	-330	70.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	7/6/2009	27.8	3440	0.00	5.80	-360	170	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB315	7/6/2009	28.8	3470	0.00	5.82	-350	78	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	7/7/2009	31.1	9700	0.00	6.18	-448	73	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB305	7/7/2009	30.4	14500	0.00	5.76	-449	41	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB307	7/7/2009	28.8	49500	0.00	6.20	-362	23	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB309	7/7/2009	25.4	6820	0.00	6.39	-371	17	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB313	7/7/2009	27.5	5550	0.00	5.78	-342	27	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB315	7/7/2009	26.7	6480	0.00	5.88	-416	27	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB317	7/7/2009	30.7	16200	0.00	5.98	-384	15	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	7/7/2009	23.6	4410	0.00	6.54	-364	8	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB306	7/8/2009	25.5	5700	0.00	6.11	-355	100.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB319	7/8/2009	22.2	4090	0.00	6.58	-379	122	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB320	7/8/2009	27.6	6120	0.00	5.88	-349	174.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB302	7/9/2009	24.5	4360	0.00	6.26	-360	157.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB308	7/9/2009	23.7	7160	0.00	6.15	-357	152.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB312	7/9/2009	23.6	6440	0.00	6.22	-355	240.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB316	7/9/2009	23.0	4650	0.00	6.40	-368	77.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB318	7/9/2009	23.2	5170	0.00	6.61	-369	177.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB314	7/10/2009	22.9	12800	0.00	6.24	-348	168.0	NM	NM	NM	NM	Operational Monitoring, Group 2, Lower Screen, 80%
IW-70-SHB301	7/14/2009	26.3	5740	0.00	6.04	-302	147	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB305	7/14/2009	28.2	12500	0.00	5.75	-479	278	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB307	7/14/2009	27.6	46000	0.00	6.32	-432	164	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB309	7/14/2009	26.2	7020	0.00	6.48	423	86	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB301	7/20/2009	25.1	6550	0.00	6.17	-290	75	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB307	7/20/2009	27.8	39100	0.00	5.79	-253	118	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB309	7/20/2009	26.2	7600	0.00	6.64	-360	83	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB319	7/20/2009	23.1	4350	0.00	6.83	-334	>800	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB301	7/27/2009	27.8	15400	0.00	5.78	-356	432	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB301	7/27/2009	25.8	15100	0.00	5.66	-320	207	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB303	7/27/2009	26.8	28800	0.00	5.87	-388	749	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB307	7/27/2009	28.9	65300	0.00	5.74	-356	315	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB309	7/27/2009	25.7	15500	0.00	5.77	-377	625	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB319	7/27/2009	22.7	10500	0.00	5.58	-347	616	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB305	7/28/2009	22.8	16100	0.00	5.91	-481	173	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB309	7/28/2009	22.6	16200	0.00	6.19	-384	72	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB319	7/28/2009	22.4	8700	0.00	6.20	-291	88	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB301	8/12/2009	26.1	14900	0.00	5.82	-330	300	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB305	8/12/2009	22.9	15800	0.00	5.90	-388	201	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB309	8/12/2009	23.1	15800	0.00	6.01	-399	88	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB319	8/12/2009	23.0	9200	0.00	6.11	-288	102	NM	NM	NM	NM	Operational Monitoring, Group 2, Upper Screen, 80%
IW-70-SHB304	8/19/2009	27.4	7010	0.00	6.19	-324	>800	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB304	8/19/2009	28.7	5380	0.00	6.03	-328	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB308	8/19/2009	27.5	3190	0.00	6.37	-362	>800	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB308	8/19/2009	27.4	3140	0.00	6.32	-355	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB310	8/19/2009	24.2	5650	0.00	5.65	-310	689	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB310	8/19/2009	25.1	2500	0.00	5.89	-329	735	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB312	8/19/2009	29.6	3760	0.00	6.60	-370	733	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB312	8/19/2009	32.2	3660	0.00	6.67	-366	429	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB316	8/19/2009	33.8	3370	0.00	6.77	-373	376	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB316	8/19/2009	33.9	3540	0.00	6.76	-367	289	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB318	8/19/2009	32.1	4880	0.00	6.53	-371	599	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB318	8/19/2009	32.1	4870	0.00	6.61	-380	489	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB302	8/21/2009	28.8	14000	0.00	6.09	-353	570	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB302	8/21/2009	28.2	6780	0.00	6.05	-341	678	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB306	8/21/2009	33.1	4990	0.00	6.31	-378	489	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB306	8/21/2009	33.0	5900	0.00	6.28	-367	398	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB314	8/21/2009	24.4	5220	0.00	6.15	-366	>800	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB314	8/21/2009	23.2	5390	0.00	6.01	-355	>800	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB320	8/21/2009	25.5	4480	0.00	6.33	-377	335	NM	NM	NM	NM	Pre-KB-1 Lower, Group 2
IW-70-SHB320	8/21/2009	25.5	4460	0.00	6.43	-371	431	NM	NM	NM	NM	Pre-KB-1 Upper, Group 2
IW-70-SHB311	11/12/2009	24.8	5580	0.00	6.39	-231	580	75	2195	0	16	Post Injection
IW-70-SHB319	11/12/2009	21.4	3840	0.00	5.87	-210	220	150	1809	12	7	Post Injection
MW-70-PMW12A	11/12/2009	21.5	5000	0.00	7.02	-340	153	100	465	105	1	Post Injection
MW-70-PMW12B	11/12/2009	21.4	5200	0.00	6.61	-315	326	100	126	1	27	Post Injection
MW-70-PMW12A	12/28/2009	21.4	3190	0.00	6.87	-211	261	100	300	89	0	Post Injection
MW-70-PMW12B	12/28/2009	20.8	4530	0.00	6.72	-158	242	100	100	0	25	Post Injection
IW-70-SHB311	12/29/2009	22.0	4990	0.00	6.29	-250	300	100	2000	0	18	Post Injection
IW-70-SHB319	12/29/2009	22.1	4000	0.00	5.91	-290	290	100	1800	5	7	Post Injection
MW-70-PMW12A	2/4/2010	21.1	3420	0.00	6.56	-186	60	70	65	174	1.3	Post Injection
MW-70-PMW12B	2/4/2010	21.2	4590	0.00	6.35	-170	83	>100	42	30	42	Post Injection
IW-70-SHB311	2/12/2010	20.0	4990	0.00	6.33	-230	777	>100	2200	0	14	Post Injection
IW-70-SHB319	2/12/2010	20.0	3980	0.00	5.90	-219	254	>100	2000	5	8	Post Injection
IW-70-SHB311	3/17/2010	21.9	1780	0.00	5.90	-148	>800	450	2730	0	7.2	Post Injection
IW-70-SHB319	3/17/2010	18.5	1330	0.00	5.15	-161	704	250	3560	0	12.6	Post Injection
MW-70-PMW12A	3/17/2010	20.9	4170	0.00	6.00	-227	21.4	125	1660	124	0.4	Post Injection
MW-70-PMW12B	3/17/2010	22.1	5010	0.00	6.14	-196	162	500	94	115	19.8	Post Injection
IW-70-SHB311	4/7/2010	22.0	1900	0.00	6.09	-150	188	200	2200	0	10.1	Post Injection
IW-70-SHB319	4/7/2010	22.0	2500	0.00	6.23	-155	120	250	2200	0	14	Post Injection
MW-70-PMW12A	4/7/2010	21.0	4990	0.00	6.88	-254	89	150	1500	0	0.4	Post Injection
MW-70-PMW12B	4/7/2010	22.5	5710	0.00	7.42	-275	122	300	77	271	18.7	Post Injection
IW-70-SHB311	5/25/2010	22.8	5280	0.00	6.01	-224	107	200	2000	0	14.2	Post Injection
IW-70-SHB319	5/25/2010	24.3	3120	0.00	6.98	-117	26.3	350	1750	0	14.4	Post Injection
MW-70-PMW12A	5/25/2010	21.7	5310	0.00	7.45	-296	13.2	150	1550	0	0.8	Post Injection
MW-70-PMW12B	5/25/2010	21.6	5840	0.00	6.84	-284	177	250	25	390	18.6	Post Injection
MW-70-PMW12A	6/22/2010	25.0	4860	0.00	7.63	-273	318	200	1100	0	0.5	Post Injection
MW-70-PMW12B	6/29/2010	23.2	5350	0.00	5.93	-244	186	250	102	200	20.2	Post Injection

Table 2-10 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SHB311	7/2/2010	25.6	2680	0.00	6.38	-112	271	300	611	10	16.4	Post Injection
IW-70-SHB319	7/2/2010	24.9	2720	0.00	6.27	-98	149	400	482	20	22	Post Injection
IW-70-SHB311	7/30/2010	21.0	3310	0.00	6.44	-118	203	350	483	0	14.1	Post Injection
IW-70-SHB319	7/30/2010	21.1	3010	0.00	6.39	-121	298	400	401	0	21.1	Post Injection
MW-70-PMW12A	7/30/2010	22.0	5090	0.00	7.51	-255	222	200	782	82	1.8	Post Injection
MW-70-PMW12B	7/30/2010	NM	5300	0.00	6.44	-289	301	250	133	151	17.7	Post Injection
IW-70-SHB311	8/31/2010	23.6	3290	0.00	6.51	-210	355	500	297	0	12.1	Post Injection
IW-70-SHB319	8/31/2010	20.1	3400	0.00	6.49	-139	540	500	326	0	17.8	Post Injection
MW-70-PMW12A	9/16/2010	23.3	5080	0.00	7.29	-241	170	200	113	105	2.6	Post Injection
MW-70-PMW12B	9/16/2010	22.5	5260	0.00	6.80	-273	429	300	150	49	14.8	Post Injection

Notes:
°C - degrees Celcius
DO - dissolved oxygen
Fe - Iron
µS/cm - microSiemens per centimeter
µg/L - micrograms per liter
mg/L - milligrams per liter
mV - millivolt
NM - not measured
NTU - nephelometric turbidity unit
ORP - oxidation-reduction potential
pH - power of hydrogen

Table 2-11
Second Sand Biobarrier Performance Monitoring Redox Parameters

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB103	2/12/2009	20.7	1920	0.00	6.94	-215	40.9	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB104	2/12/2009	20.6	1830	0.00	7.00	-220	58.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB105	2/12/2009	20.9	1830	0.00	7.07	-238	47.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB106	2/12/2009	20.9	1520	0.00	7.04	-212	25.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB107	2/12/2009	20.7	1990	0.00	6.99	-238	24.7	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB109	2/12/2009	21.1	1600	0.00	7.00	-219	24.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB112	2/12/2009	21.1	1020	0.00	7.06	-220	68.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB115	2/12/2009	21.1	1150	0.00	7.03	-219	71.1	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB116	2/12/2009	20.5	1160	0.00	7.09	-201	26.6	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB118	2/12/2009	20.5	9880	0.00	7.01	-212	141.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB119	2/12/2009	20.3	7840	0.02	6.95	-187	35.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB122	2/12/2009	20.5	6540	0.00	6.95	-166	131.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB101	2/13/2009	19.6	7610	0.00	7.10	-138	17.3	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB102	2/13/2009	20.3	1160	0.00	7.13	-181	84.8	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB108	2/13/2009	21.9	7780	0.00	7.21	-181	66.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB110	2/13/2009	20.8	2000	0.00	6.95	-230	55.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB111	2/13/2009	20.5	8900	0.00	7.04	-180	40.7	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB113	2/13/2009	20.9	1800	0.00	7.09	-218	75.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB114	2/13/2009	19.9	7860	0.00	7.07	-181	75.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB117	2/13/2009	19.8	1200	0.00	7.01	-160	668.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB120	2/13/2009	20.4	5000	0.00	7.00	-175	25.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB121	2/13/2009	20.6	4230	0.00	7.01	-151	23.0	NM	NM	NM	NM	Pre-injection Monitoring
IW-70-SSB106	2/18/2009	20.5	1630	0.37	6.74	-124	1.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/18/2009	20.6	1610	0.08	6.82	-127	10.4	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/18/2009	21.1	1100	0.00	6.94	-142	9	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/18/2009	21.2	1170	0.05	6.93	-156	11.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/18/2009	21.2	1230	0.07	6.90	-159	15.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/18/2009	21.2	658	0.00	6.90	-171	21.21	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB103	2/19/2009	21.4	2370	0.05	6.85	-181	235.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB103	2/19/2009	22.0	2340	0.06	6.88	-171	64.4	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/19/2009	21.3	2010	0.06	6.87	-175	230.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/19/2009	21.9	1500	0.14	6.95	-152	51.2	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/19/2009	21.7	1480	0.02	6.93	-167	222.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/19/2009	22.2	1430	0.04	6.90	-154	49.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/19/2009	21.5	1440	0.00	6.90	-168	204.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/19/2009	22.2	891	0.00	6.98	-256	5.1	NM	NM	NM	NM	Extraction, Group 1

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB112	2/19/2009	24.3	1030	0.00	6.95	-149	114.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/19/2009	21.7	964	0.00	6.70	-110	10.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/19/2009	21.7	1090	0.00	6.94	-158	120.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/19/2009	21.5	970	0.18	6.79	-121	12.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/19/2009	21.5	1100	0.00	6.93	-162	127.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/19/2009	21.7	1170	0.01	6.84	-134	18.3	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/19/2009	21.6	1170	0.00	6.93	-162	135.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/19/2009	21.8	688	0.00	6.86	-153	23.9	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/19/2009	21.6	698	0.00	6.94	-174	176.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB103	2/20/2009	21.3	911	0.00	7.09	-121	53.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB103	2/20/2009	20.8	2330	0.00	6.86	-118	9.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/20/2009	20.9	2100	0.00	6.90	-127	13.7	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/20/2009	21.2	2080	0.00	6.94	-130	63.2	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/20/2009	20.8	2100	0.00	6.81	-95	4.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/20/2009	21.1	1430	0.00	7.04	-141	54.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/20/2009	17.4	1500	0.00	6.84	-74	2.3	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/20/2009	21.2	1460	0.00	7.05	-147	50.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/20/2009	20.8	1010	0.00	7.03	-136	18.9	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/20/2009	21.4	880	0.00	7.11	-94	6.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/20/2009	19.6	1060	0.00	7.02	-171	24.3	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/20/2009	21.3	911	0.00	7.09	-121	7.8	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/20/2009	20.0	1120	0.00	6.99	-169	42.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/20/2009	21.3	944	0.00	7.05	-128	10.3	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/20/2009	21.2	1120	0.00	6.99	-169	42.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/20/2009	21.5	987	0.00	7.01	-133	14.1	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/20/2009	21.0	620	0.00	6.90	-175	46.8	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/20/2009	21.6	610	0.00	7.03	-142	19.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB103	2/23/2009	21.1	2220	0.00	6.88	-146	8.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/23/2009	21.0	2000	0.00	6.92	-150	10.7	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/23/2009	21.0	1390	0.00	6.99	-163	13.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/23/2009	21.1	1470	0.00	6.98	-174	14.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/23/2009	21.1	862	0.00	6.87	-86	31.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/23/2009	21.1	911	0.00	6.92	-142	35.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/23/2009	21.1	919	0.00	6.92	-132	8.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/23/2009	21.1	964	0.00	6.92	-144	11.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/23/2009	21.1	524	0.00	6.93	-153	15.4	NM	NM	NM	NM	Extraction, Group 1

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB103	2/24/2009	21.0	2180	0.00	6.85	-132	9.3	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/24/2009	21.0	1900	0.00	6.90	-145	9.9	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/24/2009	21.0	1480	0.00	7.00	-159	25.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/24/2009	21.1	1480	0.00	6.97	-180	15.2	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/24/2009	21.1	900	0.00	6.90	-90	17.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/24/2009	21.0	980	0.00	6.95	-140	30.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB117	2/24/2009	21.0	942	0.00	6.95	-138	9.4	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/24/2009	21.0	998	0.00	6.95	-148	12.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/24/2009	21.0	602	0.00	6.95	-162	17.8	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB101	2/26/2009	19.0	1790	0.00	6.77	-289	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB104	2/26/2009	19.0	1780	0.00	6.66	-299	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB107	2/26/2009	22.0	1800	0.00	6.68	-300	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB110	2/26/2009	21.0	1900	0.00	6.70	-301	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB113	2/26/2009	21.0	1900	0.00	6.71	-294	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB119	2/26/2009	22.0	1910	0.00	6.70	-296	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB103	2/27/2009	21.0	1630	0.00	6.86	-205	2.7	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB105	2/27/2009	21.0	1580	0.00	6.73	-219	2.6	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB106	2/27/2009	20.9	2160	0.00	6.79	-188	2.5	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB109	2/27/2009	20.9	2270	0.00	6.76	-184	1.8	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB112	2/27/2009	21.0	1120	0.00	6.90	-160	154.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB115	2/27/2009	21.1	1180	0.00	6.86	-160	148.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB116	2/27/2009	21.0	1810	0.00	6.72	-287	458	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB117	2/27/2009	21.0	1190	0.00	6.80	-171	143.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB118	2/27/2009	21.8	1220	0.00	6.73	-159	142.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB121	2/27/2009	21.0	695	0.00	6.76	-121	127.0	NM	NM	NM	NM	Extraction, Group 1
IW-70-SSB122	2/27/2009	21.0	1800	0.00	6.71	-299	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB103	3/3/2009	20.9	2390	0.00	6.69	-254	861	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB106	3/3/2009	20.7	1660	0.00	6.69	-259	103	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB109	3/3/2009	20.9	1680	0.00	6.82	-258	105	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB112	3/3/2009	20.9	1170	0.00	6.94	-210	45.9	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB115	3/3/2009	21.1	1230	0.00	6.89	-208	210.2	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB118	3/3/2009	21.0	1270	0.00	6.73	-199	35.6	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB121	3/3/2009	21.1	666	0.00	6.80	-137	42.6	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB103	3/4/2009	20.9	2480	0.00	6.68	-271	799	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB106	3/4/2009	21.0	1590	0.00	6.69	-271	77	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB109	3/4/2009	20.8	1700	0.00	6.85	-281	107	NM	NM	NM	NM	Extraction, Group 2

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB112	3/4/2009	21.0	1170	0.00	6.94	-255	210	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB115	3/4/2009	21.0	1200	0.00	6.90	-273	77	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB118	3/4/2009	21.0	1300	0.00	6.76	-251	45	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB121	3/4/2009	20.9	680	0.00	6.87	-287	45.2	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB103	3/5/2009	21.0	2380	0.00	6.62	-292	4.4	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB106	3/5/2009	20.9	1660	0.00	6.64	-299	9.5	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB109	3/5/2009	21.2	1760	0.00	6.83	-299	2.1	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB112	3/5/2009	21.3	1160	0.00	6.96	-276	2.4	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB115	3/5/2009	21.3	1220	0.00	6.89	-292	2.6	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB118	3/5/2009	21.3	1370	0.00	6.79	-299	9	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB121	3/5/2009	21.5	677	0.00	6.89	-302	8.5	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB111	3/6/2009	21.0	1600	0.00	6.64	-258	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB117	3/6/2009	21.0	1510	0.00	6.65	-278	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB102	3/9/2009	20.0	1800	0.00	6.69	-210	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB103	3/9/2009	20.9	2420	0.00	6.69	-281	8	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB105	3/9/2009	21.0	1780	0.00	6.68	-288	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB106	3/9/2009	21.0	1710	0.00	6.62	-310	45	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB108	3/9/2009	19.0	1700	0.00	6.69	-287	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB109	3/9/2009	21.0	1700	0.00	6.79	-320	8	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB112	3/9/2009	20.9	1200	0.00	6.89	-299	5	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB114	3/9/2009	19.0	1710	0.00	6.66	-304	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB115	3/9/2009	21.0	1200	0.00	6.88	-298	1	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB118	3/9/2009	21.0	1290	0.00	6.68	-278	22	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB120	3/9/2009	21.1	1700	0.00	6.73	-300	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB121	3/9/2009	21.0	680	0.00	6.80	-300	5	NM	NM	NM	NM	Extraction, Group 2
IW-70-SSB101	3/11/2009	21.0	1900	0.00	5.71	-288	50	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB104	3/11/2009	21.0	2500	0.00	5.74	-280	10	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB107	3/11/2009	21.0	2100	0.00	5.51	-288	77.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB110	3/11/2009	20.9	1710	0.00	5.71	-271	110.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB113	3/11/2009	21.1	1910	0.00	5.45	-277	210.2	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB116	3/11/2009	21.0	1500	0.00	5.58	-299	35.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB119	3/11/2009	21.1	1700	0.00	5.61	-290	42.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB122	3/11/2009	21.1	1200	0.00	5.41	-290	42.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB101	3/12/2009	21.5	1840	0.00	5.60	-284	37	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB104	3/12/2009	21.3	2520	0.00	5.75	-285	27	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB107	3/12/2009	21.5	2080	0.00	5.49	-280	54.0	NM	NM	NM	NM	Extraction, Group 3

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB110	3/12/2009	21.7	1630	0.00	5.49	-260	35.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB113	3/12/2009	21.4	1830	0.00	5.46	-289	173.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB116	3/12/2009	21.6	1530	0.00	5.55	-294	199.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB119	3/12/2009	21.6	1680	0.00	5.54	-295	211.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB122	3/12/2009	21.7	1220	0.00	5.37	-288	272.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB101	3/13/2009	21.1	1340	0.00	5.77	-254	109	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB104	3/13/2009	21.4	2060	0.00	5.75	-258	125	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB107	3/13/2009	21.4	1640	0.00	5.41	-254	122.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB110	3/13/2009	22.4	1370	0.00	5.46	-227	48.1	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB113	3/13/2009	21.8	1690	0.00	5.44	-228	61.7	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB116	3/13/2009	21.7	1340	0.00	5.60	-236	71.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB119	3/13/2009	21.7	1450	0.00	5.57	-238	88.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB122	3/13/2009	21.7	1040	0.00	5.53	-234	114.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB101	3/16/2009	21.4	1580	0.00	5.69	-257	38.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB104	3/16/2009	21.4	2360	0.00	5.75	-272	65.2	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB106	3/16/2009	22.2	1640	0.00	5.65	-302	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB107	3/16/2009	21.5	1940	0.00	5.73	-272	88.9	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB110	3/16/2009	21.4	1540	0.00	5.64	-281	91.6	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB112	3/16/2009	22.0	1710	0.00	5.65	-291	369	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB113	3/16/2009	21.5	1950	0.00	5.42	-274	120.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB116	3/16/2009	21.6	1430	0.00	5.51	-276	134.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB118	3/16/2009	22.1	1560	0.00	5.65	-280	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB119	3/16/2009	21.6	1580	0.00	5.52	-282	203.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB122	3/16/2009	21.6	1140	0.00	5.57	-275	328.0	NM	NM	NM	NM	Extraction, Group 3
IW-70-SSB103	3/17/2009	18.9	2250	0.00	5.74	-295	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB109	3/17/2009	20.4	1630	0.00	5.62	-300	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB115	3/17/2009	21.1	1630	0.00	5.64	-303	OR	NM	NM	NM	NM	Pre-KB1 Monitoring
IW-70-SSB119	4/22/2009	21.6	7060	0.32	6.00	-339	335	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB120	4/22/2009	21.5	8520	0.52	5.82	-279	533	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB121	4/22/2009	22.0	9150	0.35	5.46	-244	390	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB122	4/22/2009	21.8	6880	0.26	5.16	-233	807	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB115	4/23/2009	21.3	6050	0.51	5.38	-260	627	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB116	4/23/2009	21.7	13900	0.50	5.48	-280	425	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB117	4/23/2009	21.6	11900	0.38	5.68	-299	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB118	4/23/2009	21.4	13200	0.48	5.60	-274	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB110	4/24/2009	22.7	13700	0.38	5.89	-338	191	NM	NM	NM	NM	Post-Injection Monitoring

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB111	4/24/2009	22.3	15500	0.50	5.84	-264	257	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB112	4/24/2009	21.5	12400	0.50	5.27	-241	810	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB113	4/24/2009	21.0	14400	0.37	5.77	-296	736	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB114	4/24/2009	20.7	9220	0.48	5.93	-218	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB106	4/27/2009	21.6	13600	0.48	5.22	-237	452	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB107	4/27/2009	21.1	11500	0.30	5.71	-289	483	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB108	4/27/2009	22.4	7350	0.51	5.75	-245	636	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB109	4/27/2009	21.8	12800	0.40	5.10	-238	717	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB101	4/28/2009	22.7	9330	0.49	5.07	-261	141	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB102	4/28/2009	23.5	3390	0.40	5.78	-344	471	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB103	4/28/2009	23.1	13900	0.30	5.45	-311	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB104	4/28/2009	21.8	14100	0.31	6.01	-340	588	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB105	4/28/2009	22.8	11400	0.28	5.84	-239	451	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB114	5/21/2009	21.2	13200	NM	6.04	-179	341	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB115	5/21/2009	22.9	15000	NM	5.52	-349	119	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB116	5/21/2009	22.9	12900	NM	5.93	-334	39	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB117	5/21/2009	23.2	11800	NM	6.01	-379	127	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB118	5/21/2009	23.3	11800	NM	5.76	-307	202	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB119	5/21/2009	23.7	10500	NM	6.13	-342	189	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB120	5/21/2009	23.8	12200	NM	6.09	-298	275	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB121	5/21/2009	23.5	14400	NM	5.48	-236	305	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB122	5/21/2009	23.4	9410	NM	5.22	-223	303	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB110	5/22/2009	22.0	15700	NM	5.97	-321	509	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB111	5/22/2009	21.9	14600	NM	5.84	-289	761	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB112	5/22/2009	21.7	23300	NM	5.44	-248	241	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB113	5/22/2009	21.5	16100	NM	5.91	-277	392	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB101	5/26/2009	22.8	10000	NM	5.11	-281	245	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB102	5/26/2009	22.8	5100	NM	5.89	-332	248	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB103	5/26/2009	22.6	41500	NM	5.77	-322	356	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB104	5/26/2009	22.9	15800	NM	6.11	-330	545	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB105	5/26/2009	22.4	12800	NM	5.91	-222	217	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB106	5/26/2009	22.8	15200	NM	5.37	-245	648	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB107	5/26/2009	22.0	12100	NM	5.85	-277	555	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB108	5/26/2009	23.4	8800	NM	5.91	-255	456	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB109	5/26/2009	22.6	13100	NM	5.15	-248	487	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB101	6/16/2009	22.9	16800	0.00	5.81	-260	>800	NM	NM	NM	NM	Post-Injection Monitoring

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB102	6/16/2009	23.3	9800	0.00	6.11	-294	39	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB103	6/16/2009	22.9	14200	0.00	5.46	-289	142	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB104	6/16/2009	23.9	12100	0.00	6.32	-323	743	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB105	6/16/2009	23.1	10000	0.00	5.93	-306	462	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB106	6/16/2009	23.1	14200	0.00	5.65	-294	108	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB107	6/16/2009	24.0	14800	0.00	6.03	-320	121	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB108	6/16/2009	23.8	11300	0.00	5.94	-342	138	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB109	6/17/2009	21.7	14400	0.00	5.07	-217	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB110	6/17/2009	22.0	11000	0.00	6.02	-277	654	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB111	6/17/2009	21.7	10200	0.00	5.88	-260	286	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB112	6/17/2009	21.8	10800	0.00	6.06	-241	523	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB113	6/17/2009	23.0	11700	0.00	6.00	-286	305	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB114	6/17/2009	22.3	12700	0.00	6.00	-288	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB115	6/17/2009	22.5	11500	0.00	5.80	-304	492	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB116	6/18/2009	22.2	10500	0.00	6.10	-258	251	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB117	6/18/2009	22.8	10700	0.00	6.08	-317	358	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB118	6/18/2009	22.5	12800	0.00	6.04	-287	789	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB119	6/18/2009	22.6	13100	0.00	6.09	-298	445	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB120	6/18/2009	23.4	9480	0.00	6.04	-302	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB121	6/18/2009	23.0	8800	0.00	6.11	-300	321	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB122	6/18/2009	23.6	10400	0.00	5.71	-310	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB101	7/20/2009	23.4	15100	0.00	5.82	-289	67	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB102	7/20/2009	23.8	15000	0.00	6.14	-299	98	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB103	7/20/2009	22.9	12800	0.00	5.61	-228	323	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB104	7/20/2009	22.4	9550	0.00	6.08	-239	140	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB105	7/20/2009	27.5	11000	0.00	6.16	-256	149	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB106	7/20/2009	27.3	14700	0.00	6.03	-267	73	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB107	7/21/2009	26.7	14500	0.00	6.24	-261	96	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB108	7/21/2009	26.6	14100	0.00	6.19	-248	395	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB109	7/21/2009	25.2	16900	0.00	5.69	-188	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB110	7/21/2009	25.9	12600	0.00	6.24	-192	35	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB111	7/21/2009	25.3	13100	0.00	6.05	-189	196	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB112	7/21/2009	25.1	17700	0.00	5.78	-220	85	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB113	7/21/2009	25.2	13200	0.00	6.03	-183	126	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB114	7/22/2009	25.6	12300	0.00	6.55	-240	183	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB115	7/22/2009	26.1	13900	0.00	6.26	-240	274	NM	NM	NM	NM	Post-Injection Monitoring

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
IW-70-SSB116	7/22/2009	26.6	13200	0.00	6.47	-266	135	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB117	7/22/2009	25.8	13400	0.00	6.69	-283	242	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB118	7/22/2009	24.9	17000	0.00	6.32	-271	157	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB119	7/22/2009	24.6	11400	0.00	6.51	-292	593	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB120	7/23/2009	23.5	12200	0.00	6.37	-265	593	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB121	7/23/2009	24.2	15100	0.00	5.54	-229	>800	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB122	7/23/2009	25.6	12500	0.00	6.49	-209	200	NM	NM	NM	NM	Post-Injection Monitoring
MW-70-PMW13A	7/23/2009	23.1	7550	0.00	7.62	-257	0	NM	NM	NM	NM	Post-Injection Monitoring
MW-70-PMW13B	7/23/2009	21.8	12900	0.00	7.66	-275	0	NM	NM	NM	NM	Post-Injection Monitoring
MW-70-PMW14A	7/23/2009	24.8	5980	0.00	7.11	-244	0	NM	NM	NM	NM	Post-Injection Monitoring
MW-70-PMW14B	7/23/2009	23.0	15000	0.00	6.88	-242	71	NM	NM	NM	NM	Post-Injection Monitoring
IW-70-SSB109	11/14/2009	22.3	14600	0.00	5.76	-169	721	80	1145	0	19.0	Post-Injection Monitoring
IW-70-SSB119	11/14/2009	21.4	11900	0.00	6.47	-299	642	70	6800	0	18.0	Post-Injection Monitoring
MW-70-PMW14A	11/14/2009	22.8	7480	0.00	7.04	-372	43	70	1437	184	1.0	Post-Injection Monitoring
MW-70-PMW14B	11/14/2009	20.9	13800	0.00	6.47	-253	162	250	91	107	32.0	Post-Injection Monitoring
IW-70-SSB109	12/29/2009	20.9	13000	0.00	5.75	-189	689	100	1200	0	22.0	Post-Injection Monitoring
IW-70-SSB119	12/29/2009	20.9	12000	0.00	6.50	-302	576	100	5000	0	15.0	Post-Injection Monitoring
MW-70-PMW14A	12/29/2009	2.0	7000	0.00	6.62	-136	1.3	100	1000	170	0.0	Post-Injection Monitoring
MW-70-PMW14B	12/29/2009	21.4	14800	0.00	6.84	-246	172	200	70	90	30.0	Post-Injection Monitoring
IW-70-SSB109	2/4/2010	20.8	13700	0.00	5.67	-122	27.52	>100	584	5	48.6	Post-Injection Monitoring
IW-70-SSB119	2/4/2010	20.2	10000	0.00	6.55	-199	277	>100	3990	0	17.0	Post-Injection Monitoring
MW-70-PMW14A	2/4/2010	20.5	3880	0.00	6.62	-127	1.4	45	33	0	0.2	Post-Injection Monitoring
MW-70-PMW14B	2/12/2010	21.0	6670	0.00	5.73	-108	35	48	35	210	4.2	Post-Injection Monitoring
IW-70-SSB109	3/15/2010	21.9	15100	0.00	5.65	-151	224	350	780	8	17.6	Post-Injection Monitoring
IW-70-SSB119	3/15/2010	23.9	11600	0.00	5.81	-287	261	135	36760	0	0.2	Post-Injection Monitoring
MW-70-PMW14A	3/15/2010	21.9	12300	0.00	6.47	-201	141	105	170	50	2.0	Post-Injection Monitoring
MW-70-PMW14B	3/15/2010	22.0	14000	0.00	6.12	-181	151	175	34	576	4.8	Post-Injection Monitoring
IW-70-SSB109	4/7/2010	22.5	15000	0.00	6.00	-144	200	475	65	0	34.6	Post-Injection Monitoring
IW-70-SSB119	4/7/2010	22.9	15200	0.00	6.56	-208	785	250	12000	0	1.0	Post-Injection Monitoring
MW-70-PMW14A	4/7/2010	22.0	6310	0.00	7.04	-264	101	190	25	264	5.2	Post-Injection Monitoring
MW-70-PMW14B	4/7/2010	21.5	14300	0.00	6.49	-242	577	225	0	670	5.0	Post-Injection Monitoring
IW-70-SSB109	5/25/2010	21.6	15400	0.00	6.26	-126	48	500	680	0	22.0	Post-Injection Monitoring
IW-70-SSB119	5/25/2010	25.6	10200	0.00	7.11	-192	332	350	5150	0	1.2	Post-Injection Monitoring
MW-70-PMW14A	5/25/2010	21.0	7110	0.00	7.21	-278	0.1	150	54	273	3.9	Post-Injection Monitoring
MW-70-PMW14B	5/25/2010	21.6	13500	0.00	7.18	-271	487	260	22	660	5.6	Post-Injection Monitoring
IW-70-SSB109	7/1/2010	22.5	14700	0.00	6.26	-104	260	500	451	0	29.4	Post-Injection Monitoring

Table 2-11 (continued)

Well ID	Date	Temp. °C	Conductivity µS/cm	DO mg/L	pH	ORP mV	Turbidity NTU	Alkalinity mg/L	Sulfide µg/L	Sulfate mg/L	Fe (Total) mg/L	Comments
MW-70-PMW14A	7/1/2010	22.8	6640	0.00	7.11	-248	15.5	150	89	230	3.9	Post-Injection Monitoring
MW-70-PMW14B	7/1/2010	23.3	13000	0.00	7.09	-318	115	250	10	540	5.4	Post-Injection Monitoring
IW-70-SSB119	7/2/2010	24.2	8550	0.00	6.64	-308	73	300	3880	0	1.2	Post-Injection Monitoring
IW-70-SSB109	7/30/2010	22.1	15600	0.00	6.23	-133	44	350	489	55	19.1	Post-Injection Monitoring
IW-70-SSB119	7/30/2010	23.8	8400	0.00	6.66	-288	89	300	9000	0	1.0	Post-Injection Monitoring
MW-70-PMW14A	7/30/2010	23.1	6700	0.00	7.19	-278	10.1	200	200	225	4.0	Post-Injection Monitoring
MW-70-PMW14B	7/30/2010	23.0	11800	0.00	7.05	-280	200	300	22	480	5.8	Post-Injection Monitoring
IW-70-SSB119	8/30/2010	23.8	8520	0.00	6.65	-338	140	400	12920	0	0.6	Post-Injection Monitoring
IW-70-SSB109	9/20/2010	21.7	15800	0.00	6.24	-157	55.3	300	509	93	8.8	Post-Injection Monitoring
MW-70-PMW14A	9/20/2010	24.5	6850	0.00	7.24	-255	1.9	200	450	200	3.8	Post-Injection Monitoring
MW-70-PMW14B	9/23/2010	22.9	11500	0.00	7.00	-260	312	350	40	360	6.0	Post-Injection Monitoring

Notes:

°C - degrees Celcius

DO - dissolved oxygen

Fe - Iron

µS/cm - microSiemens per centimeter

µg/L - micrograms per liter

mg/L - milligrams per liter

mV - millivolt

NM - not measured

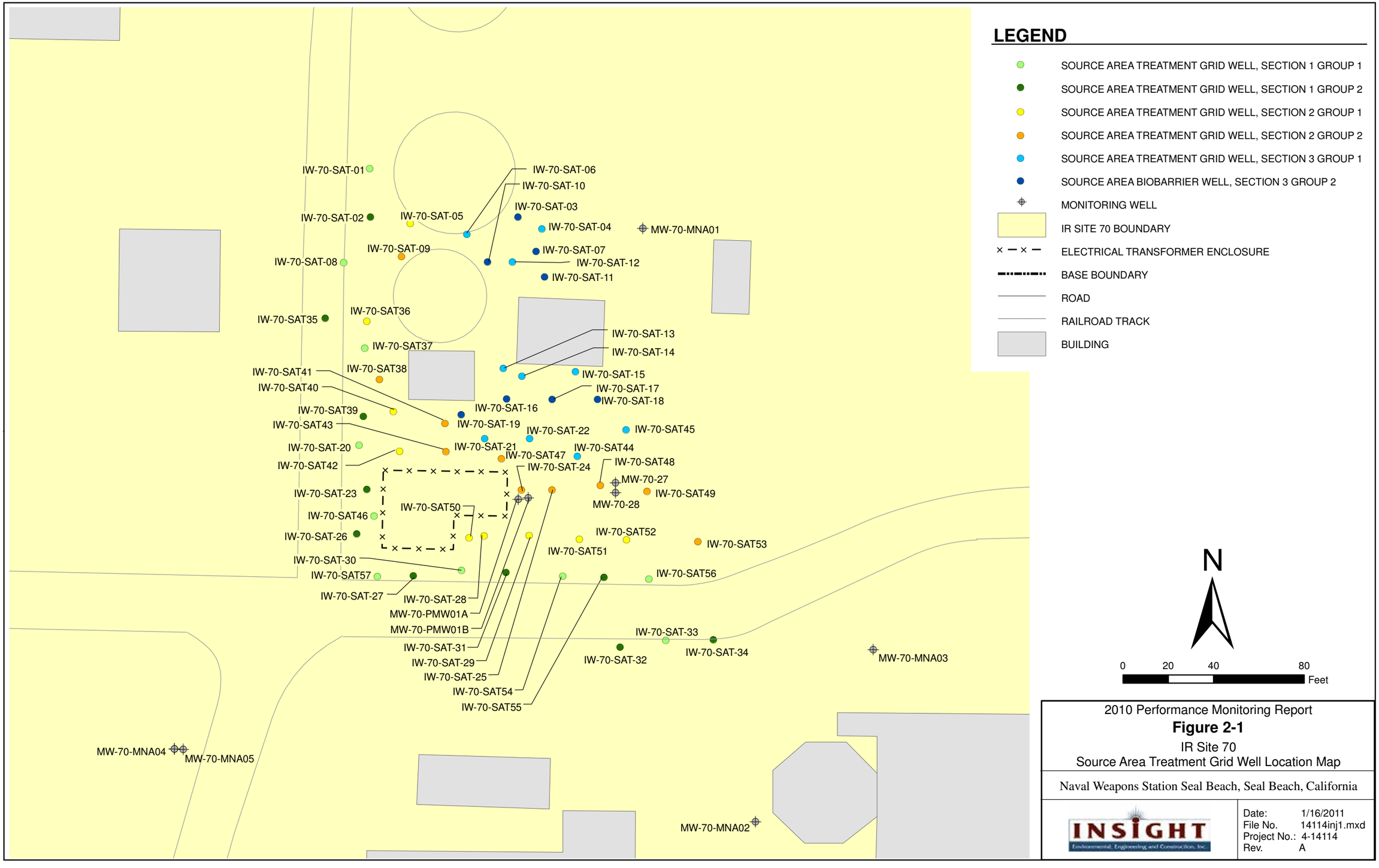
NTU - nephelometric turbidity unit

ORP - oxidation-reduction potential

pH - power of hydrogen

Section 2

FIGURES



2010 Performance Monitoring Report

Figure 2-1

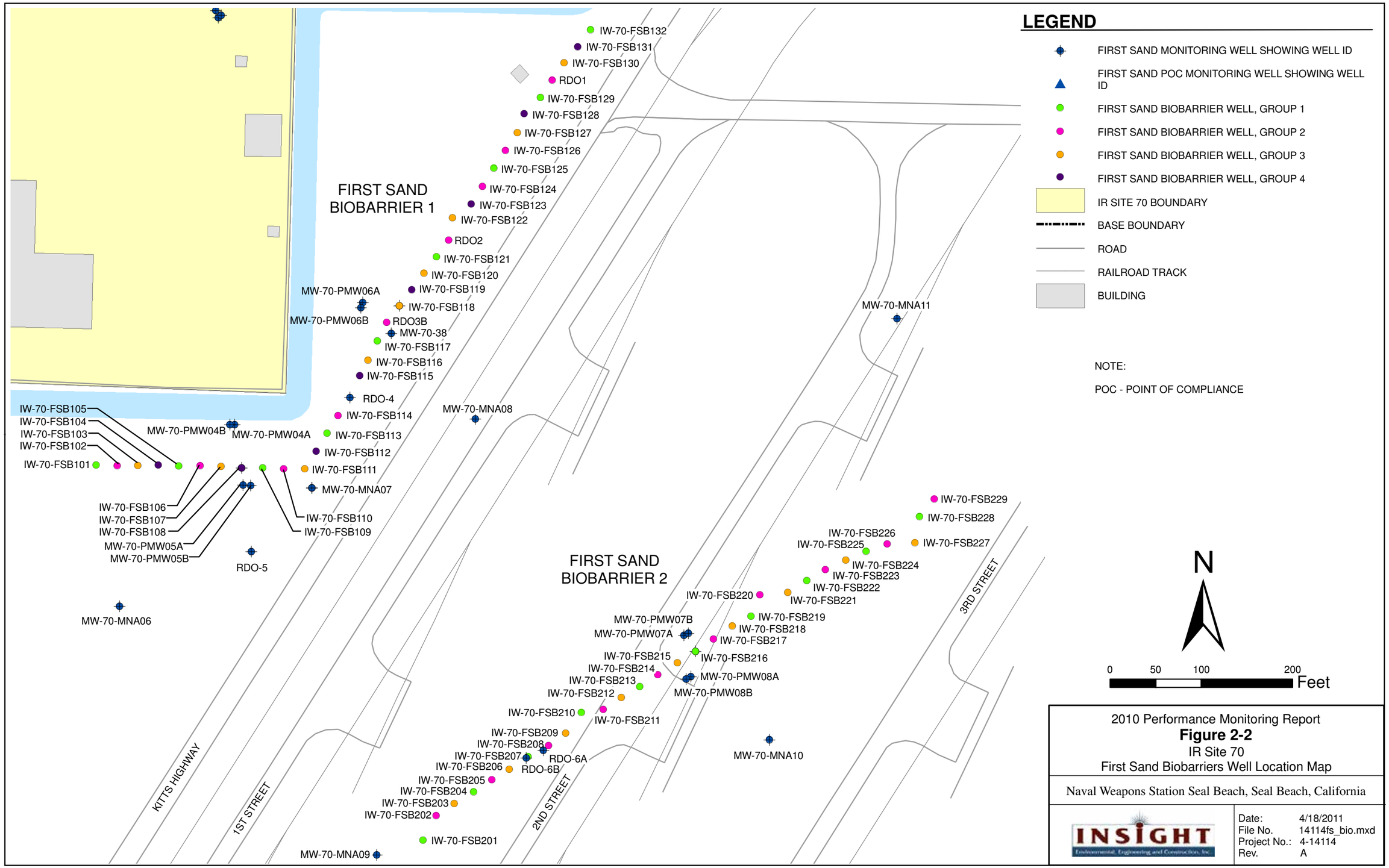
IR Site 70

Source Area Treatment Grid Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/16/2011
File No. 14114inj1.mxd
Project No.: 4-14114
Rev. A



2010 Performance Monitoring Report

Figure 2-2

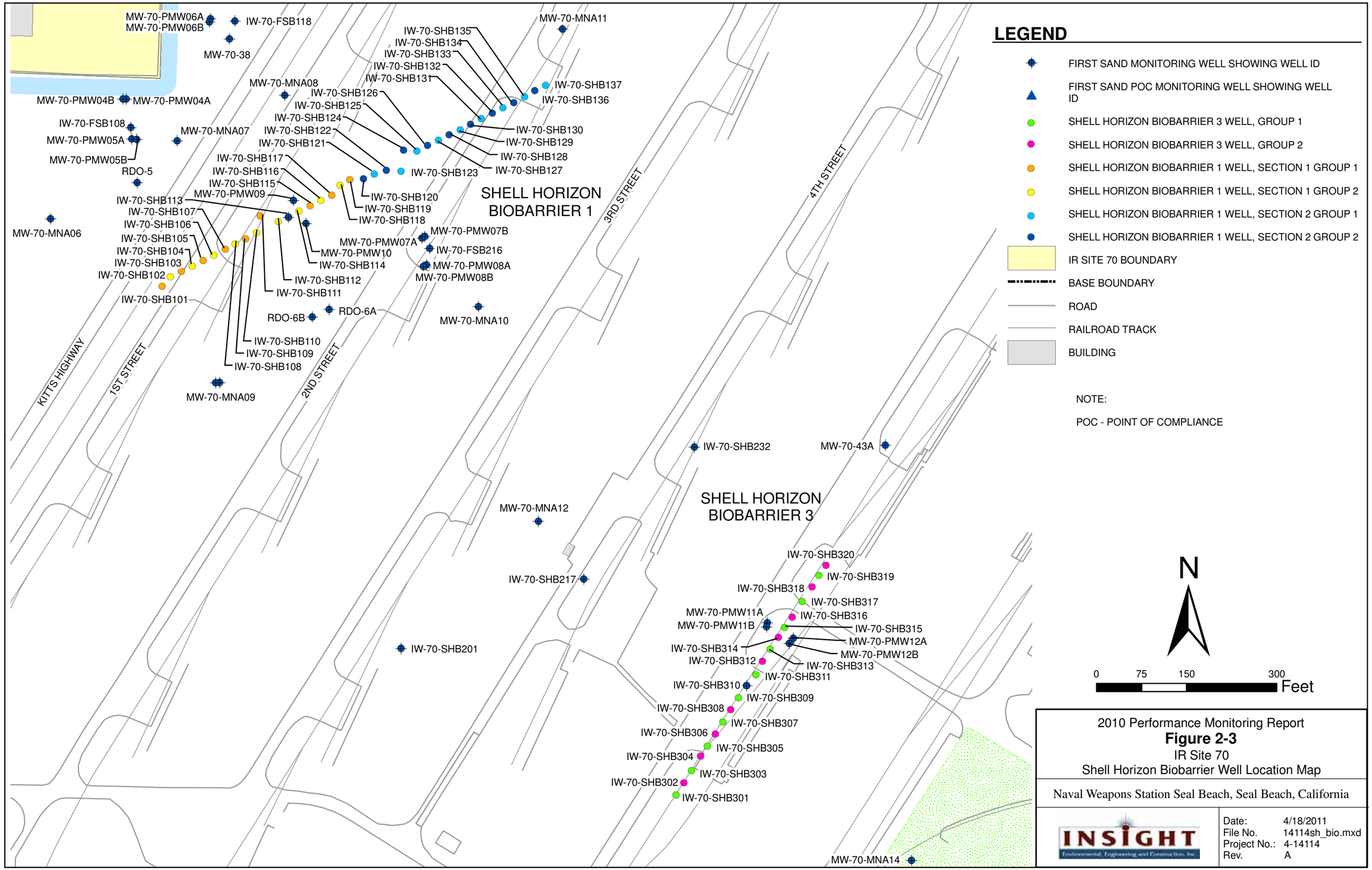
IR Site 70

First Sand Biobarriers Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	4/18/2011
File No.	14114fs_bio.mxd
Project No.:	4-14114
Rev.	A



2010 Performance Monitoring Report

Figure 2-3

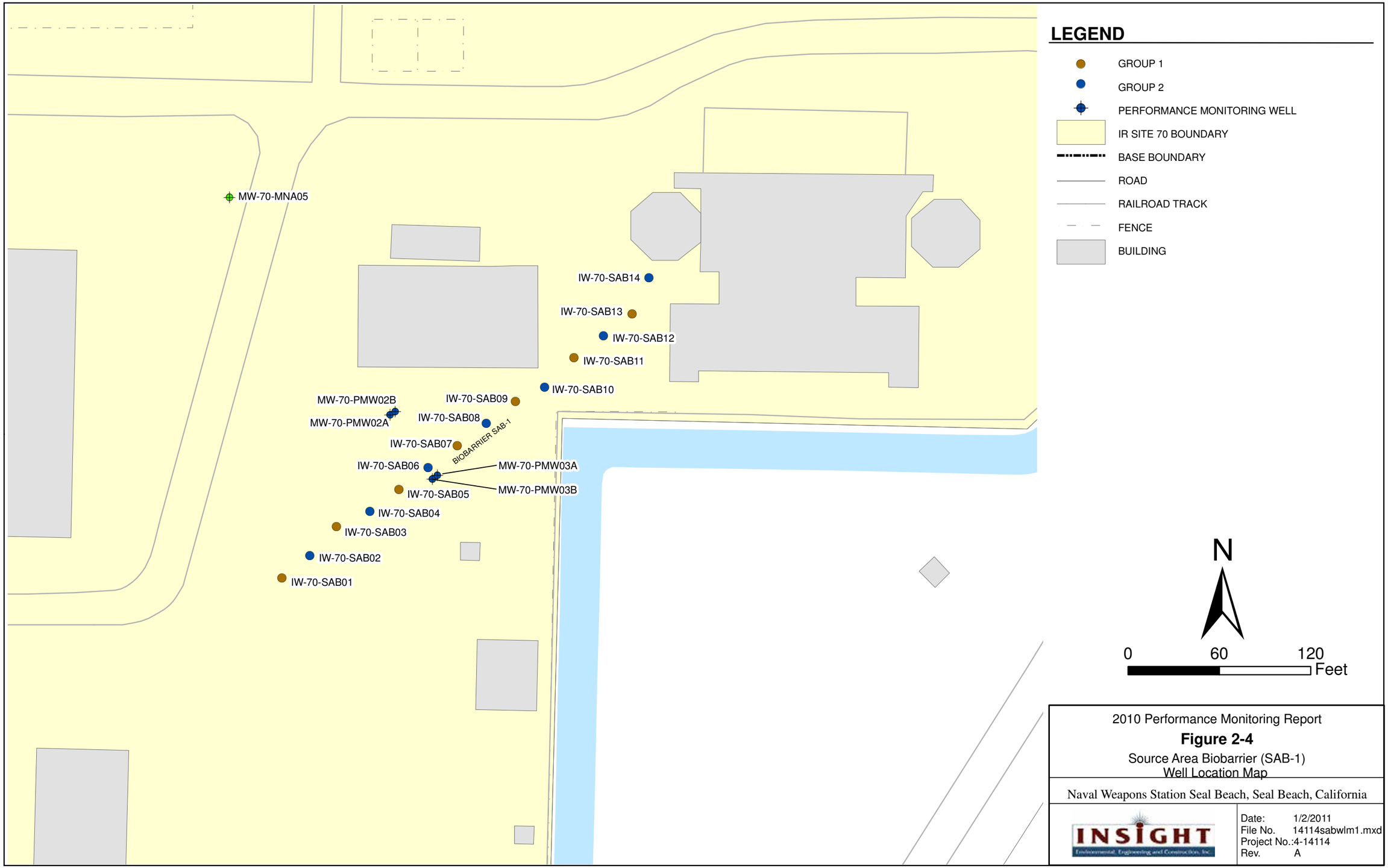
IR Site 70

Shell Horizon Biobarrier Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	4/18/2011
File No.	14114sh_bio.mxd
Project No.:	4-14114
Rev.	A



2010 Performance Monitoring Report

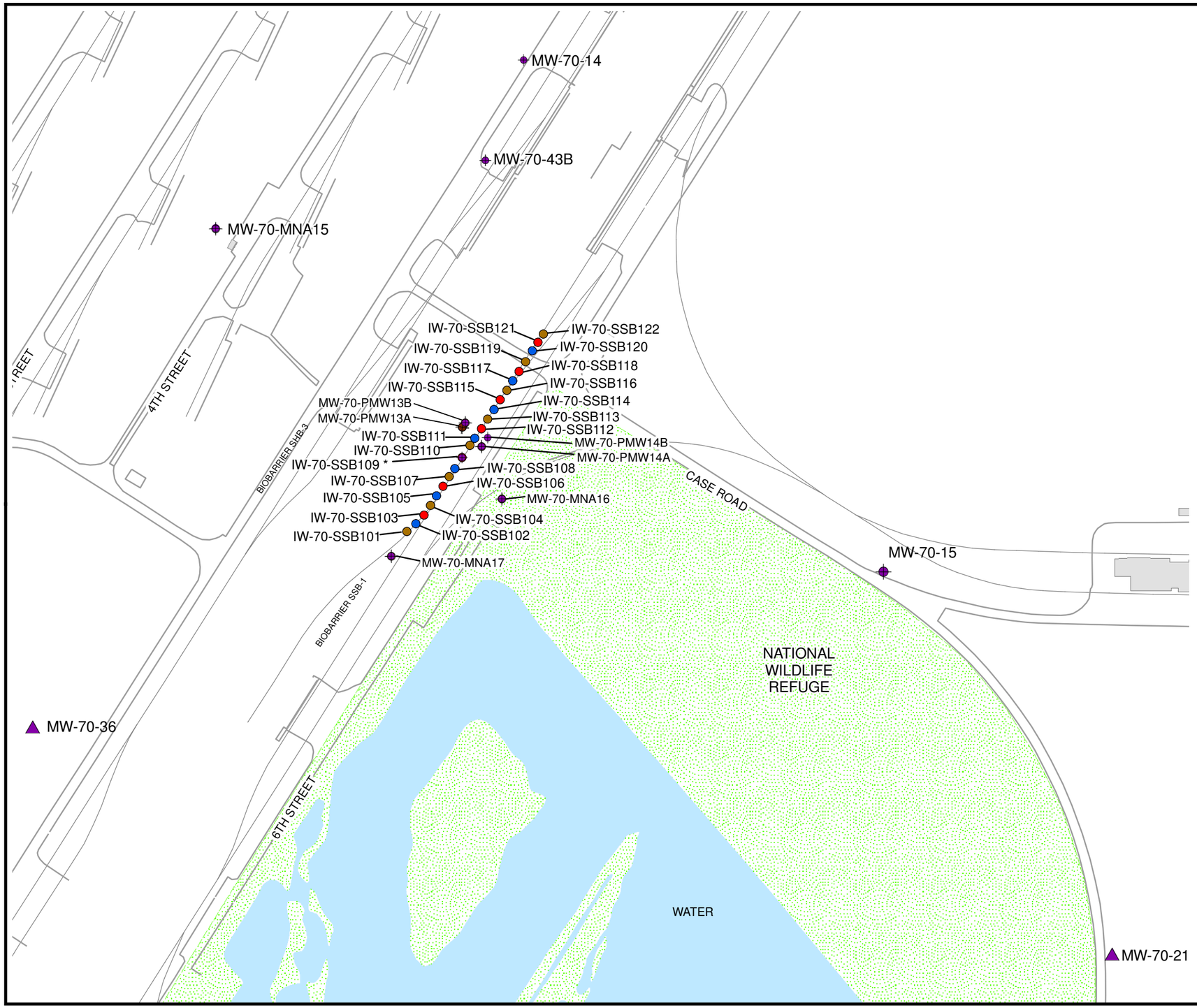
Figure 2-4

Source Area Biobarrier (SAB-1)
Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/2/2011
File No. 14114sabwlm1.mxd
Project No.:4-14114
Rev. A



LEGEND

- GROUP 1
- GROUP 2
- GROUP 3
- PERFORMANCE MONITORING WELL
- POINT OF COMPLIANCE WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING

NOTES:

* IW70-SSB109 SERVERS ALSO AS A GROUP 3 INJECTION WELL.

N

0 110 220 440 Feet

2010 Performance Monitoring Report

Figure 2-5

Second Sand Biobarrier (SSB-1)
Well Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/2/2011
File No. 14114ssbwlm1.mxd
Project No.:4-14114
Rev. A

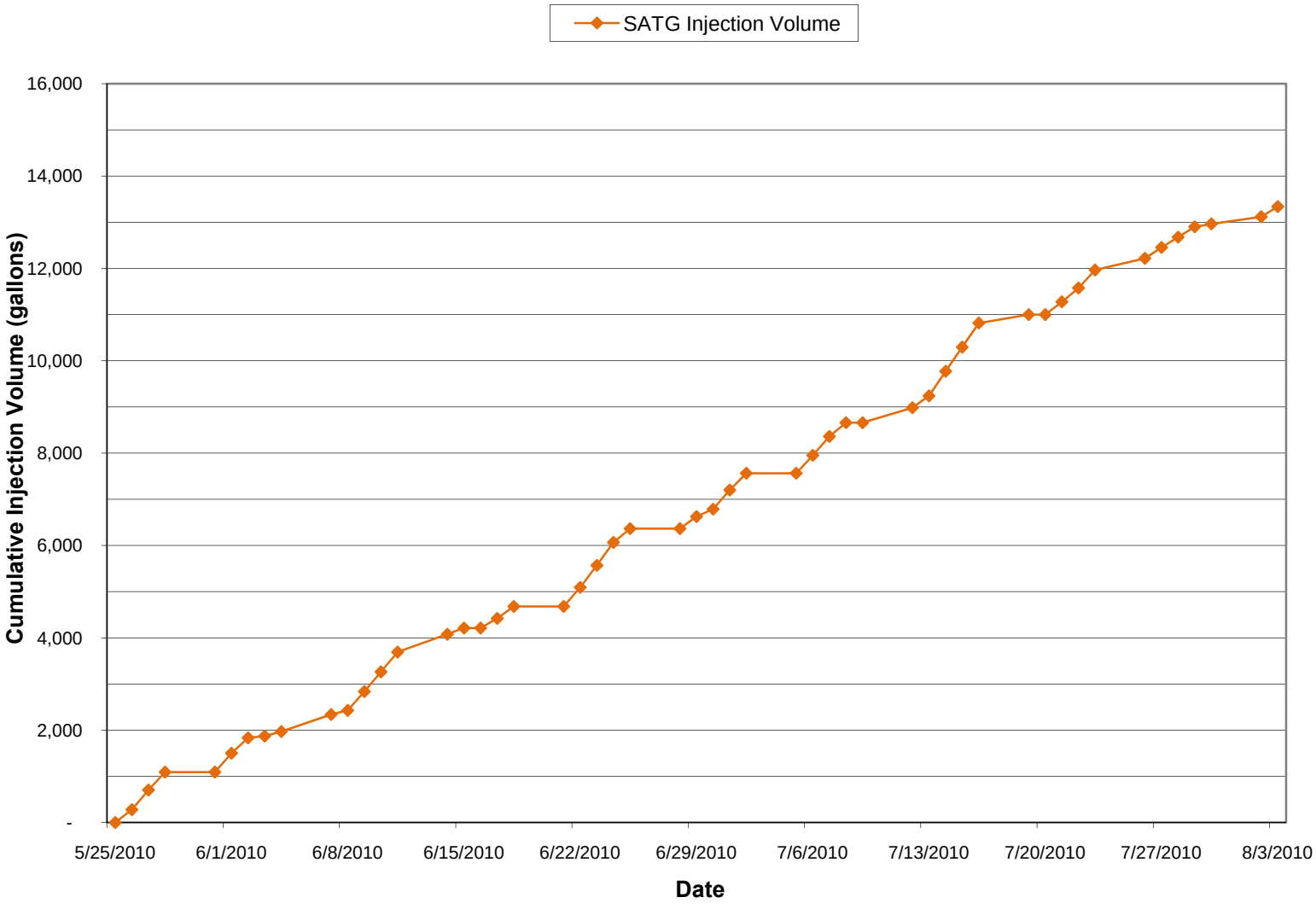


Figure 2-6. Cumulative Volume EVO - SATG

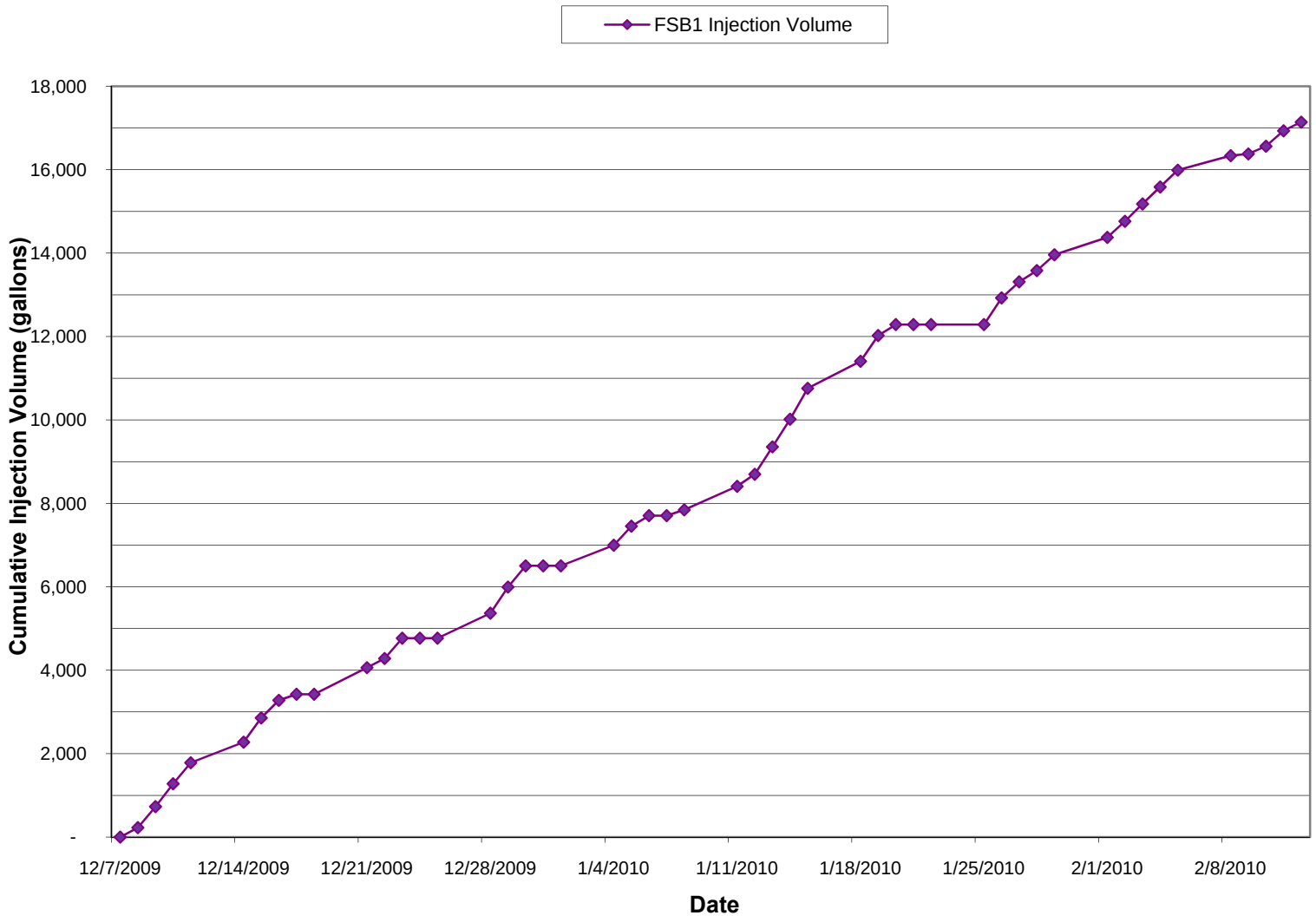


Figure 2-7. Cumulative Volume EVO - FSB-1

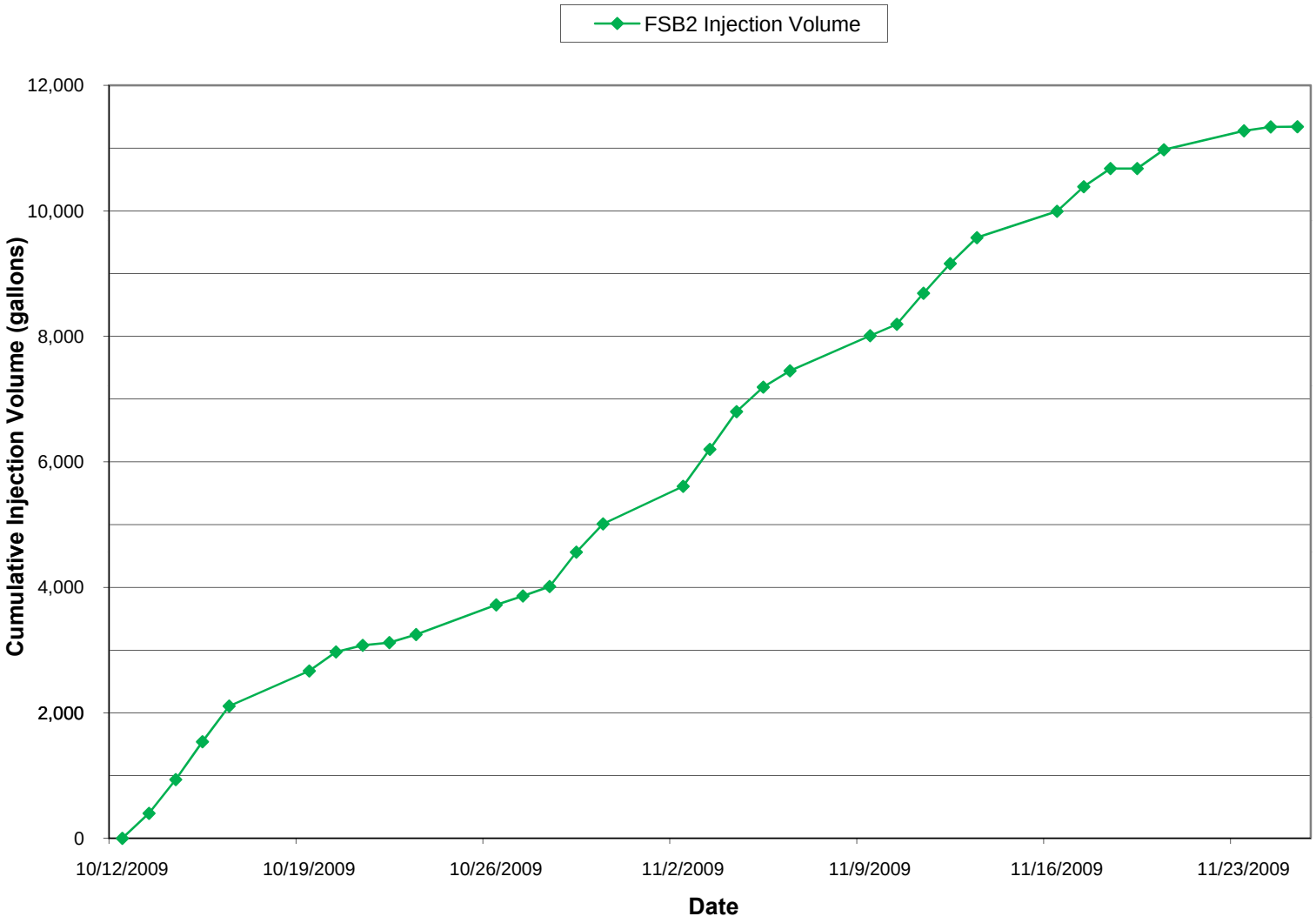


Figure 2-8. Cumulative Volume EVO - FSB-2

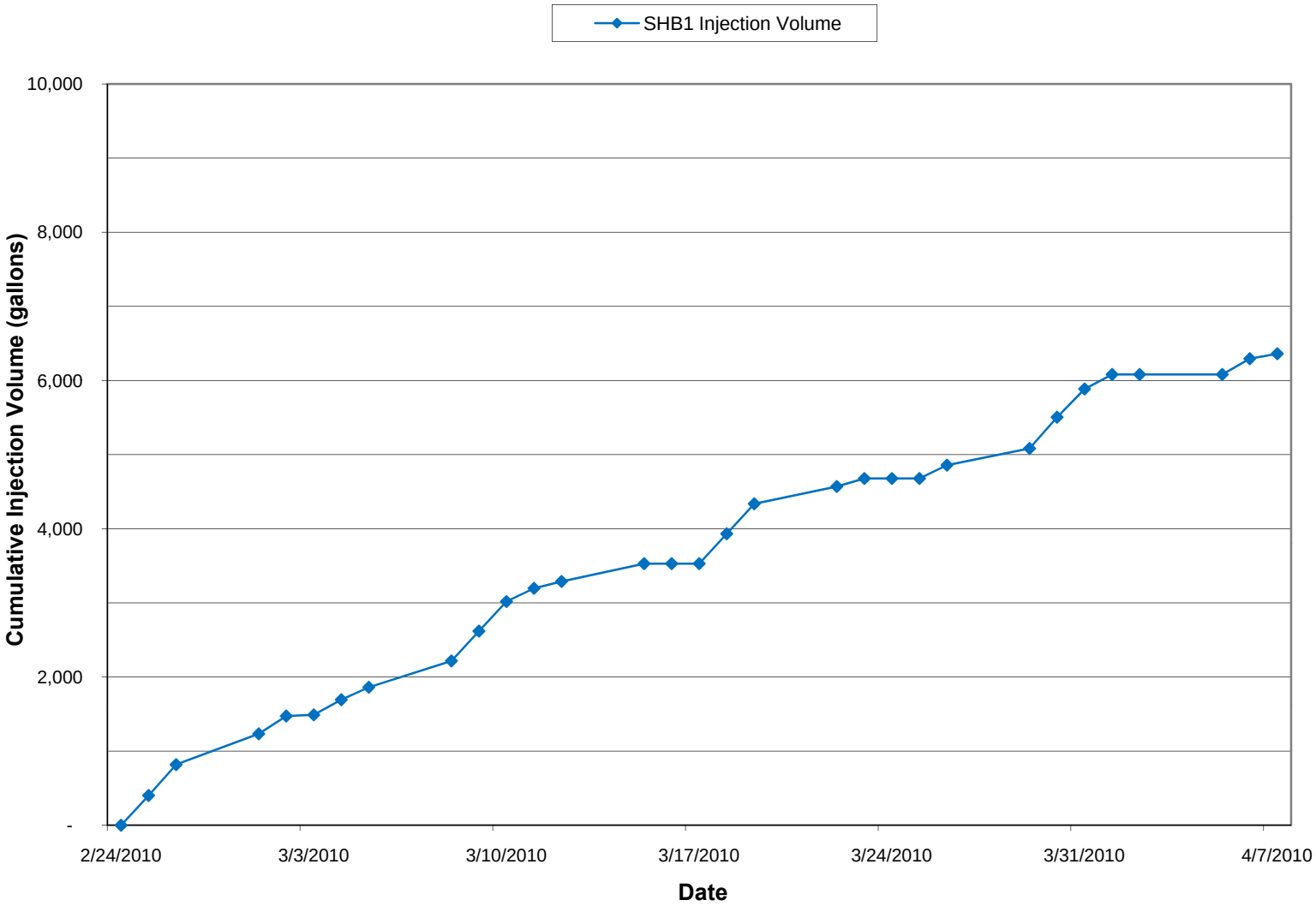


Figure 2-9. Cumulative Volume EVO - SHB-1

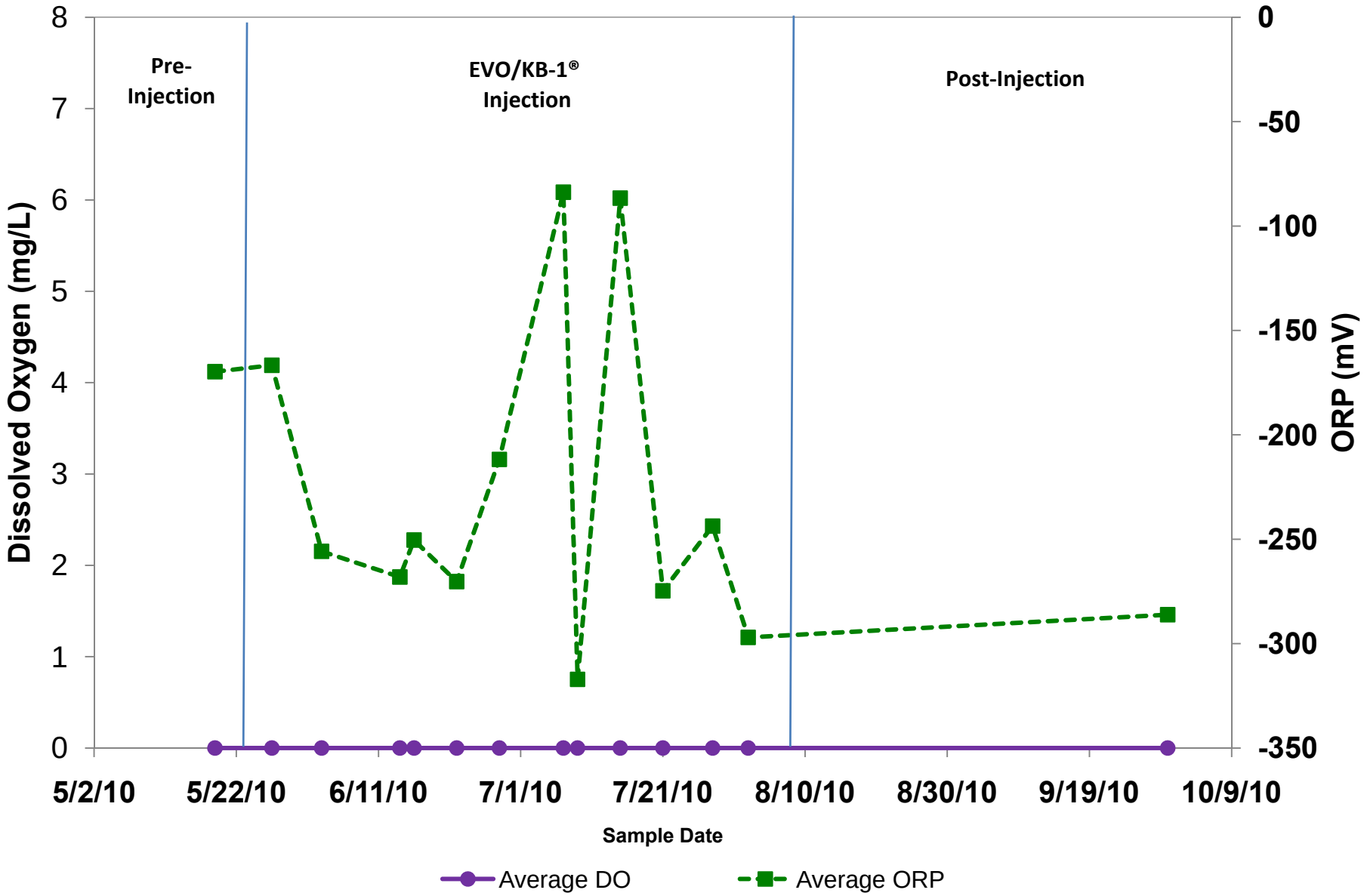


Figure 2-10. DO and ORP Performance Monitoring - SATG

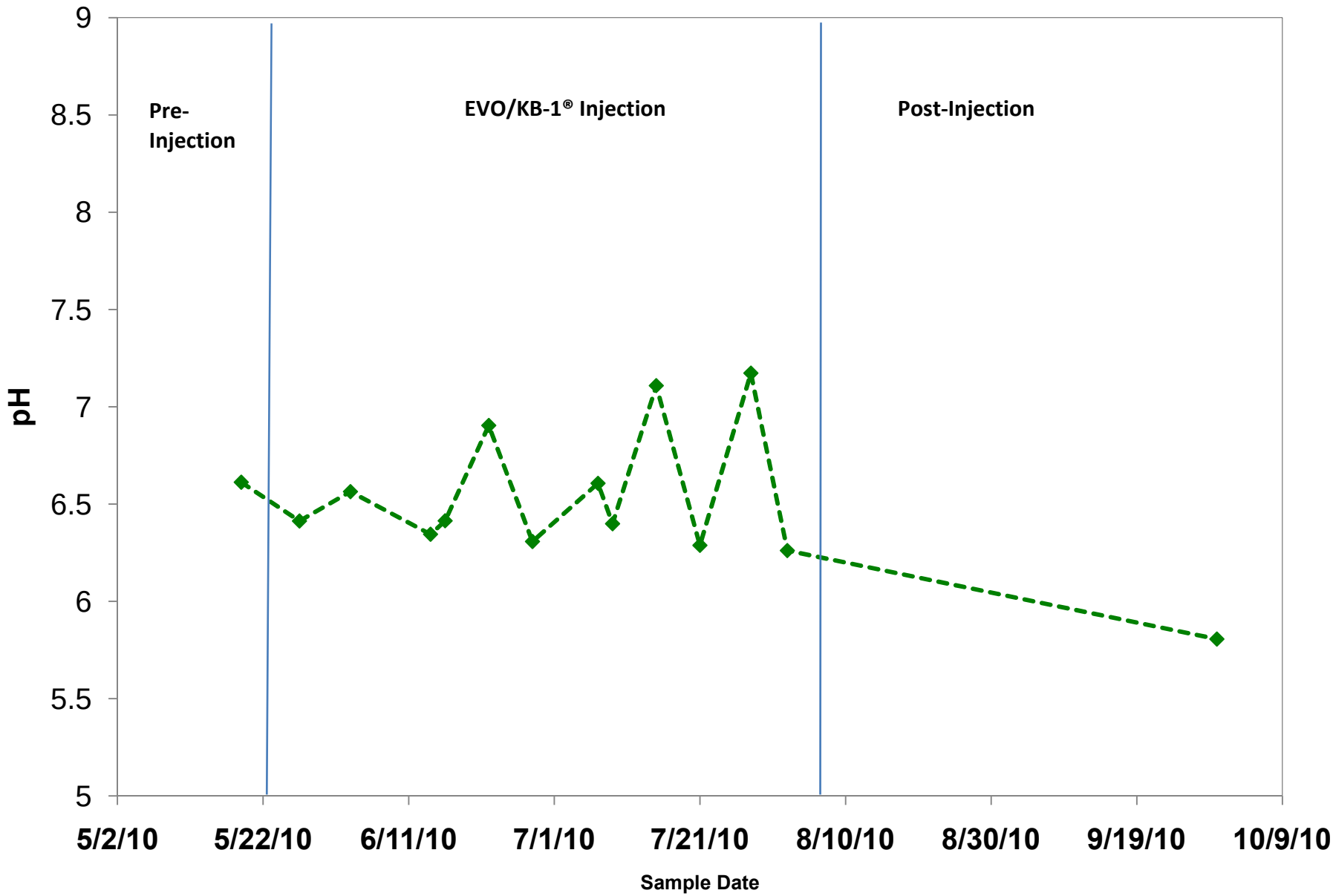


Figure 2-11. pH Performance Monitoring - SATG

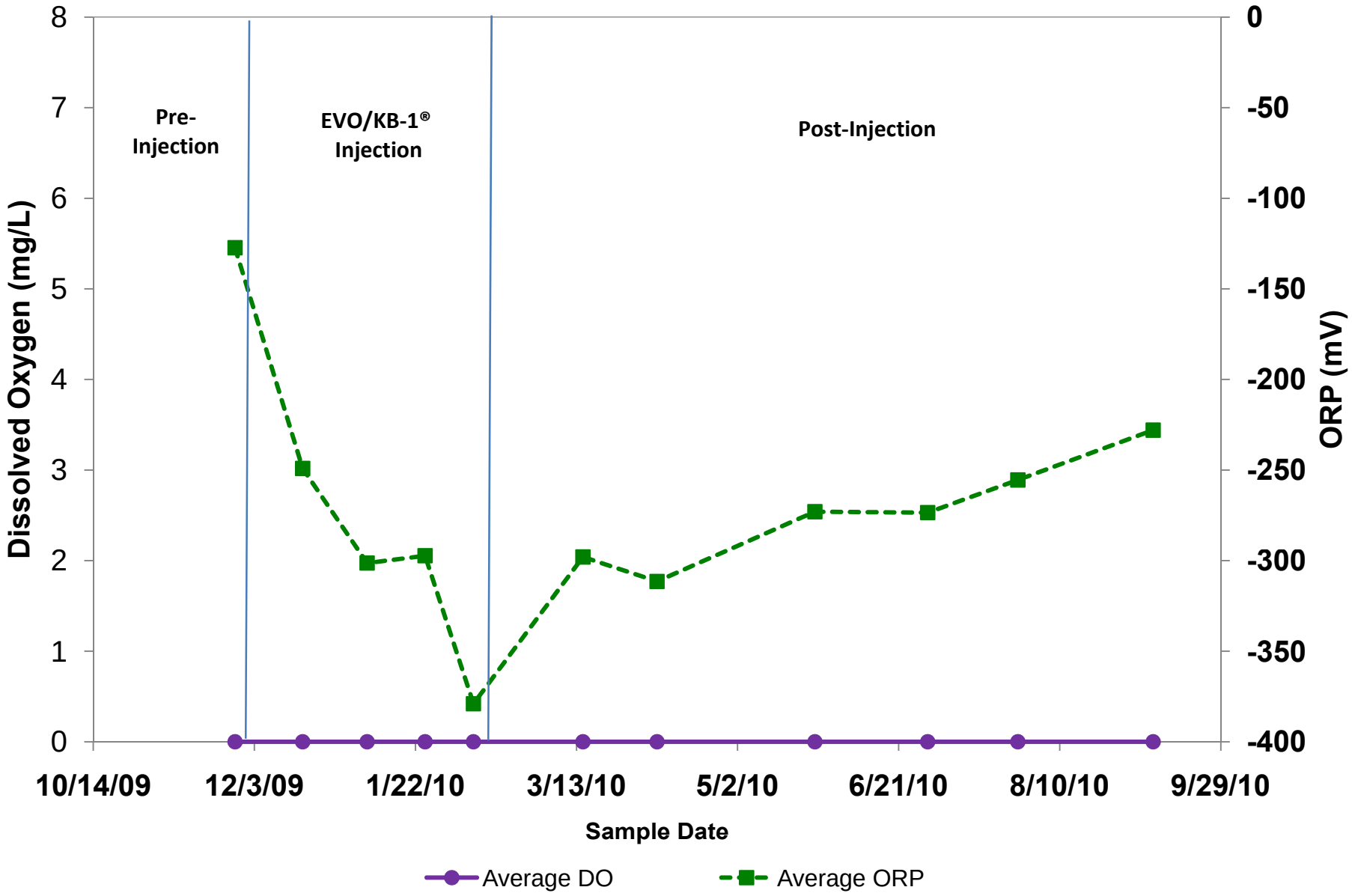


Figure 2-12. DO and ORP Performance Monitoring - FSB-1

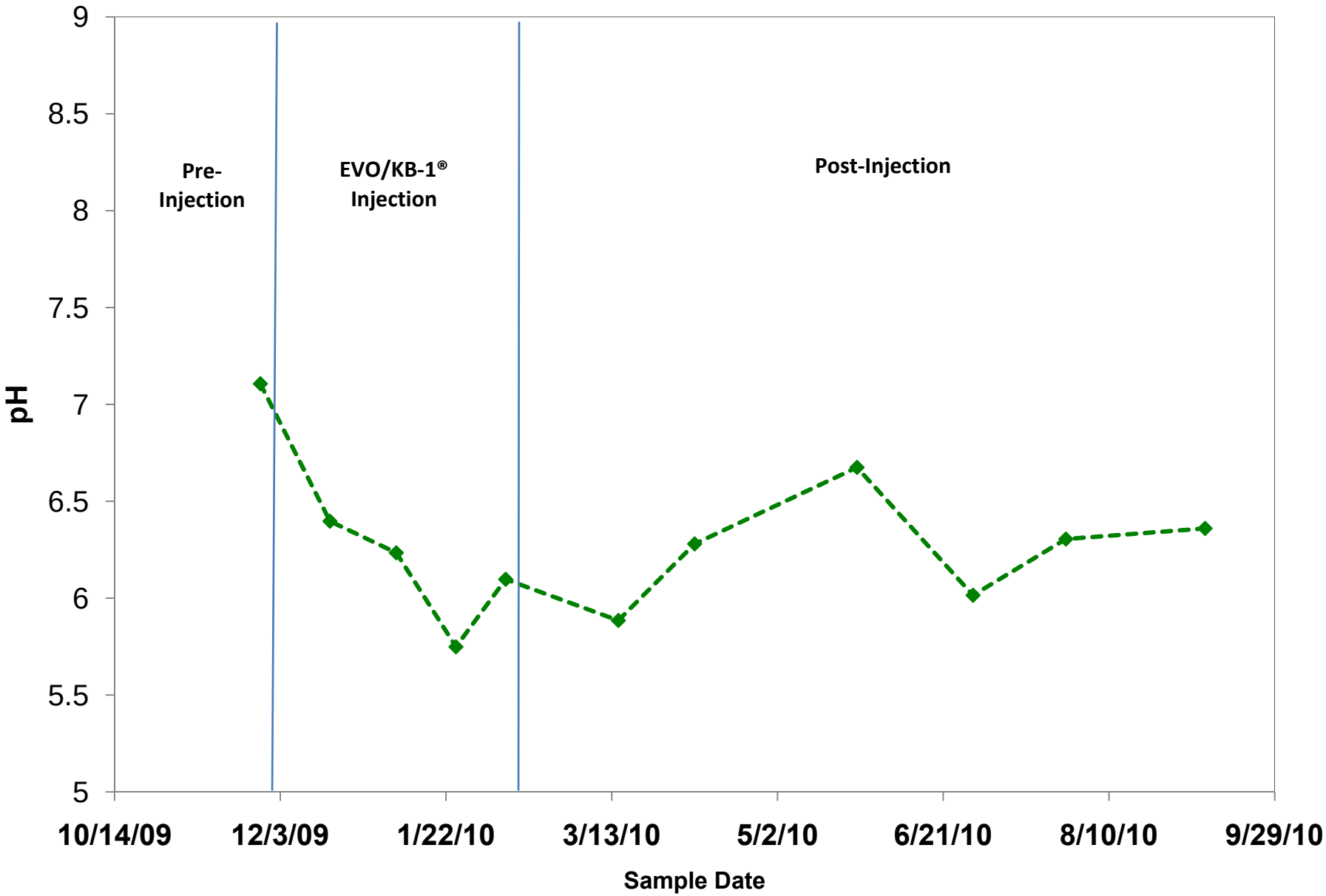


Figure 2-13. pH Performance Monitoring - FSB-1

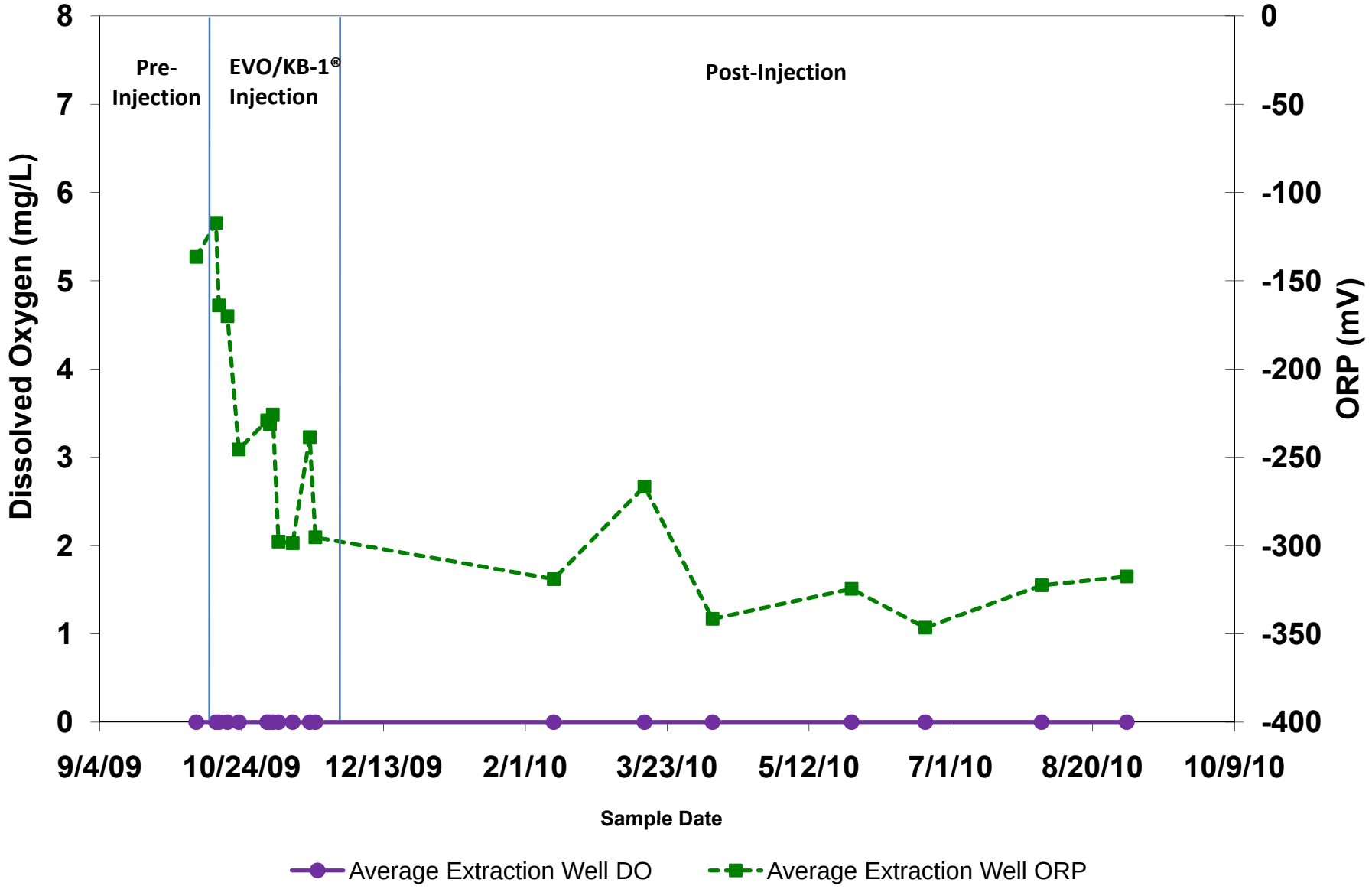


Figure 2-14. DO and ORP Performance Monitoring - FSB-2

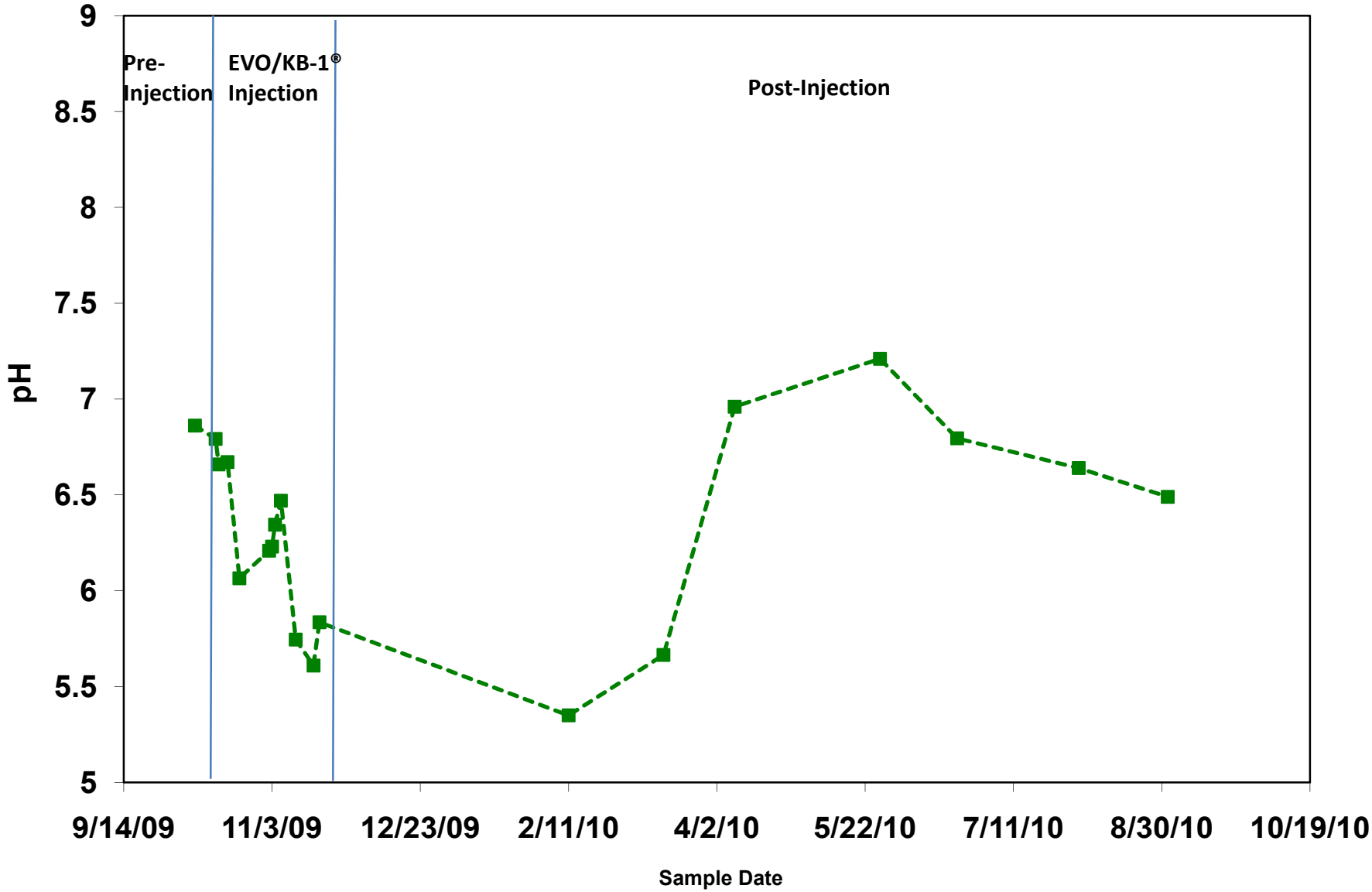


Figure 2-15. pH Performance Monitoring - FSB-2

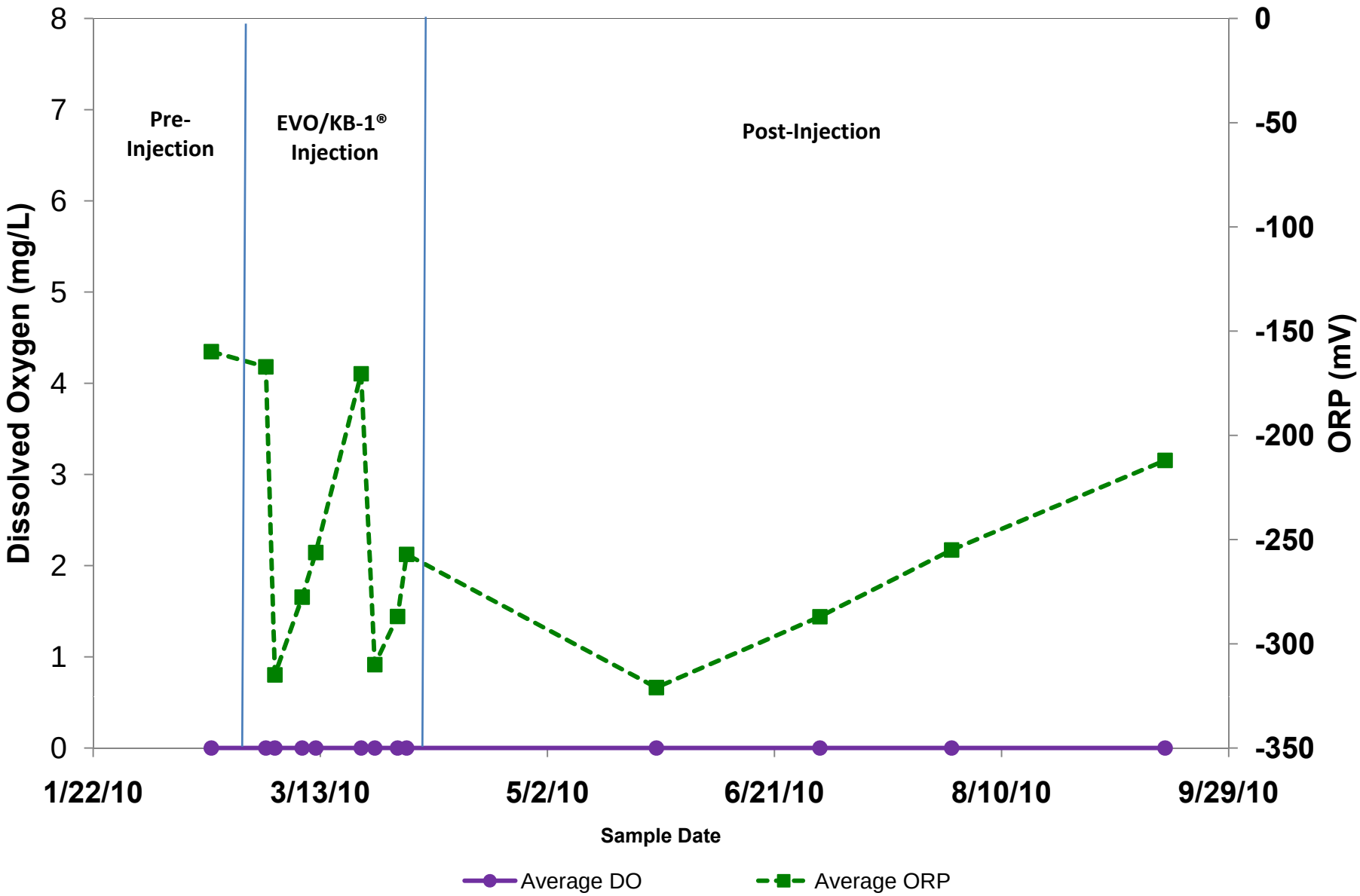


Figure 2-16. DO and ORP Performance Monitoring - SHB-1

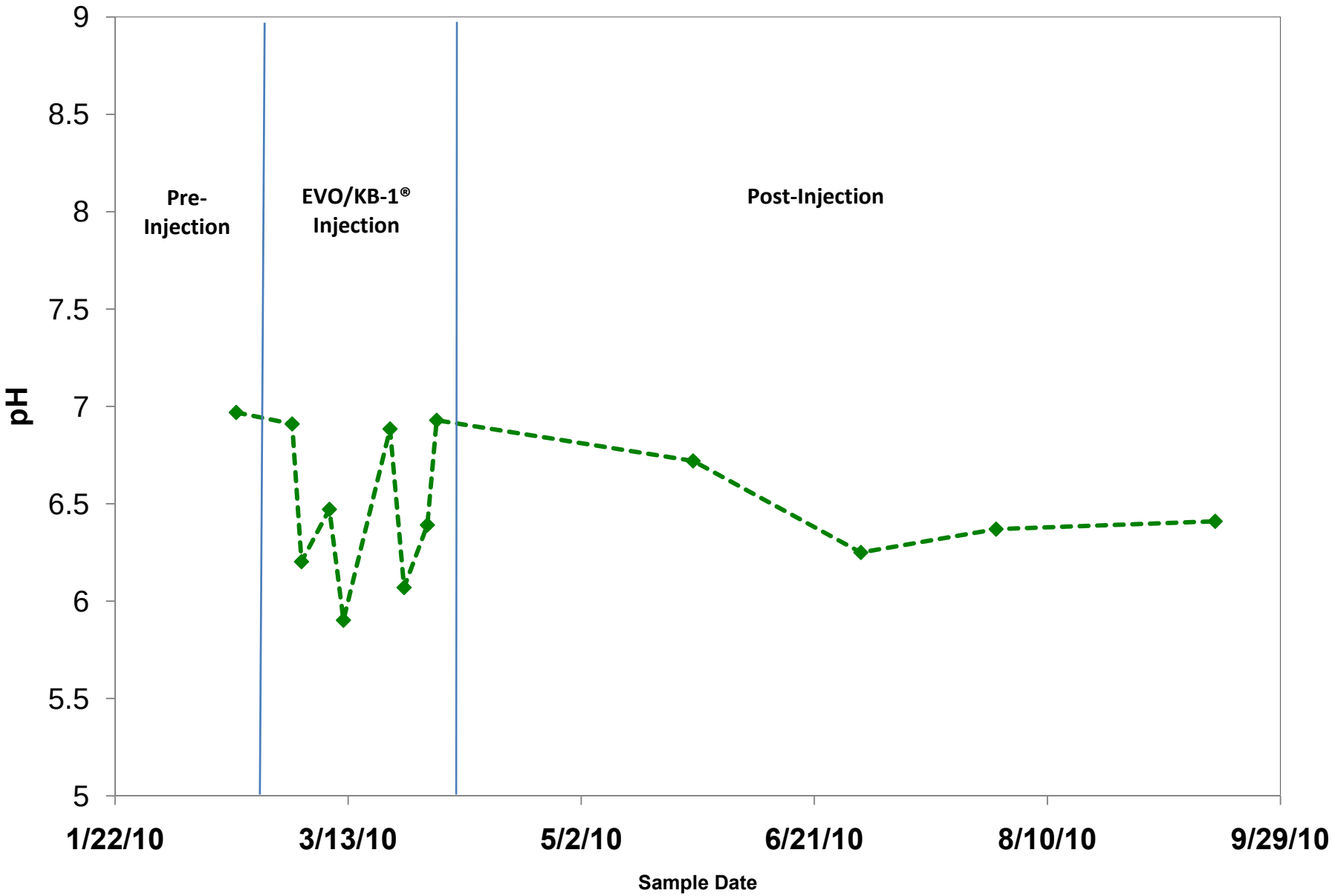


Figure 2-17. pH Performance Monitoring - SHB-1

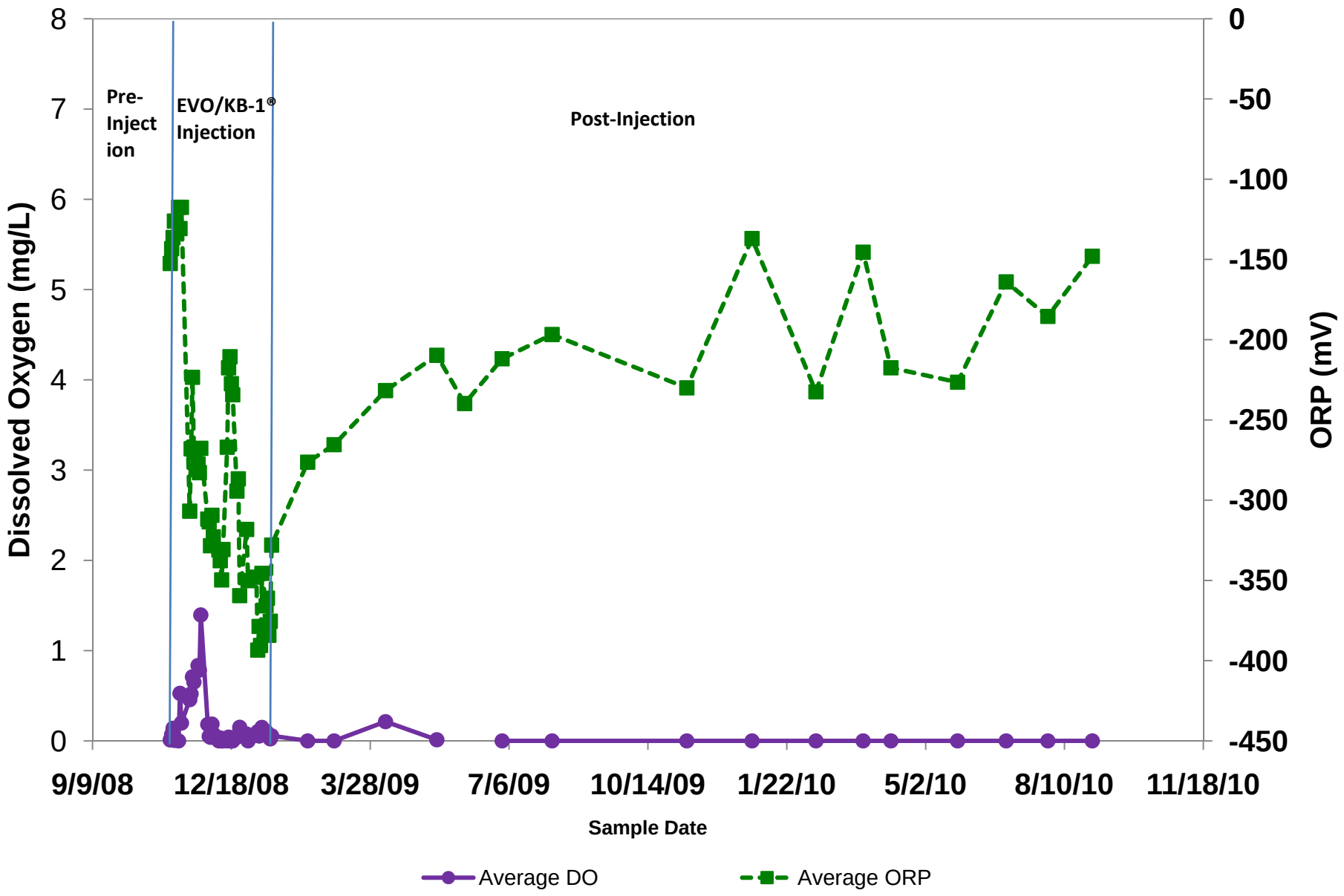


Figure 2-18. DO and ORP Performance Monitoring - SAB

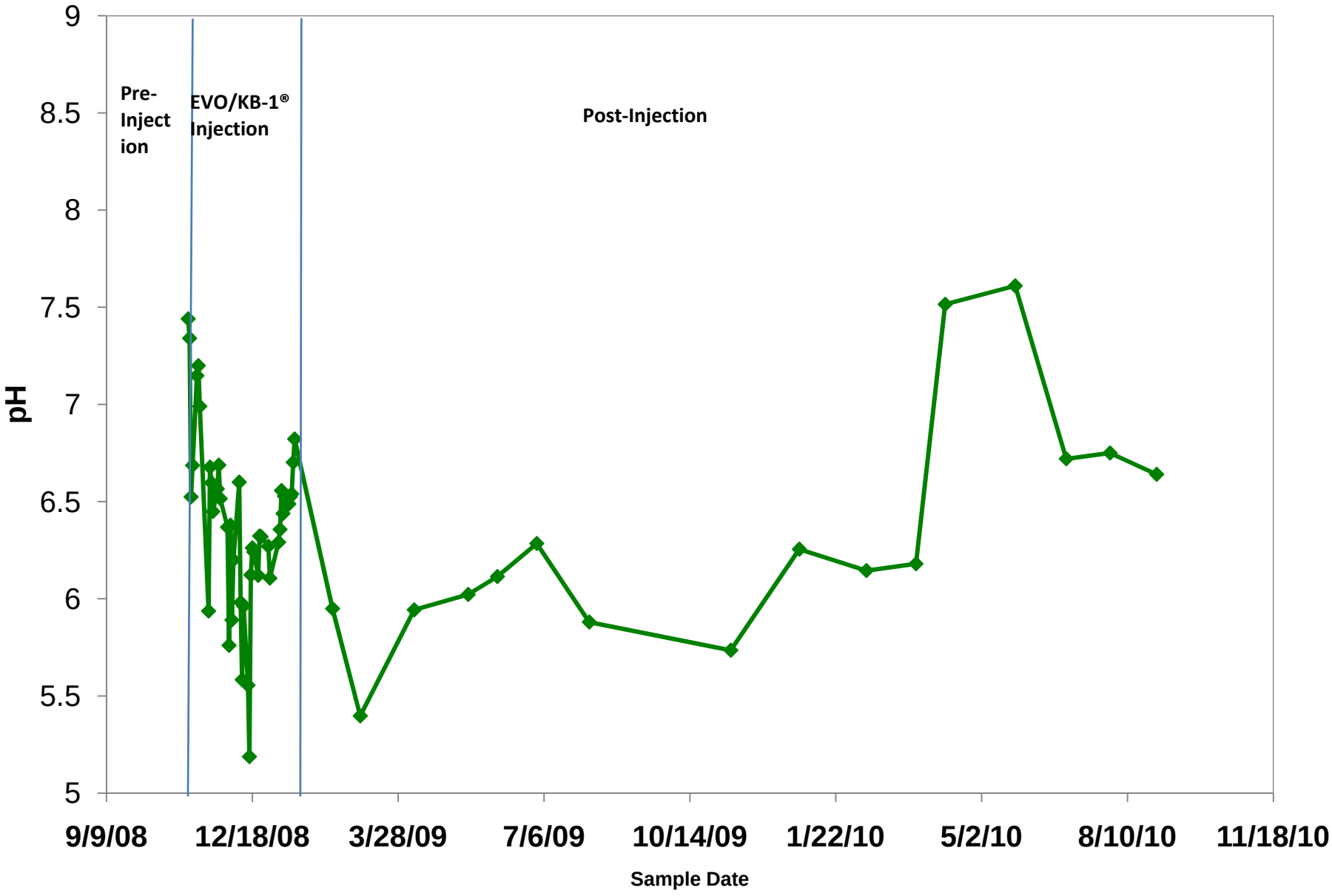


Figure 2-19. pH Performance Monitoring - SAB

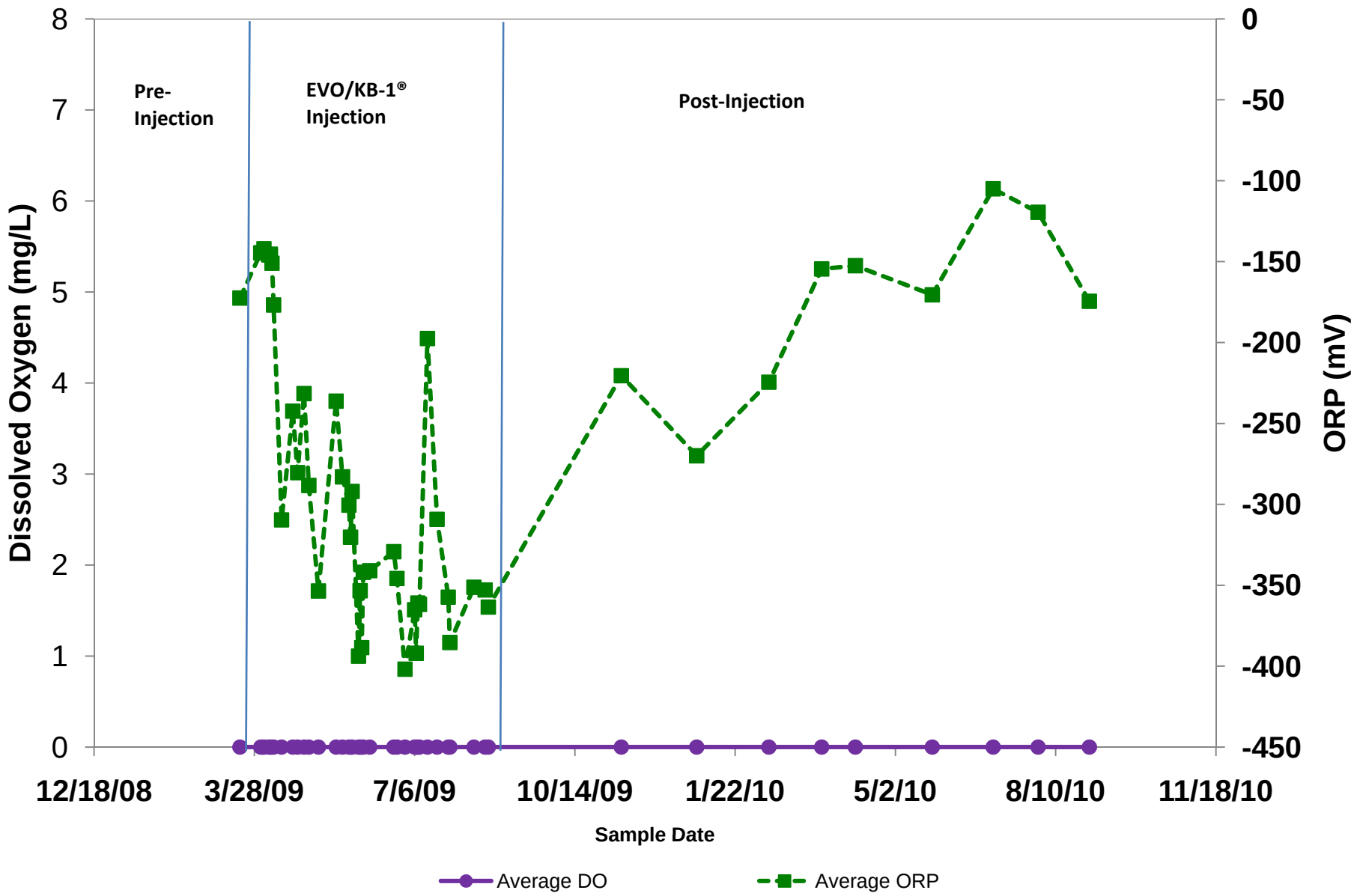


Figure 2-20. DO and ORP Performance Monitoring - SHB-3

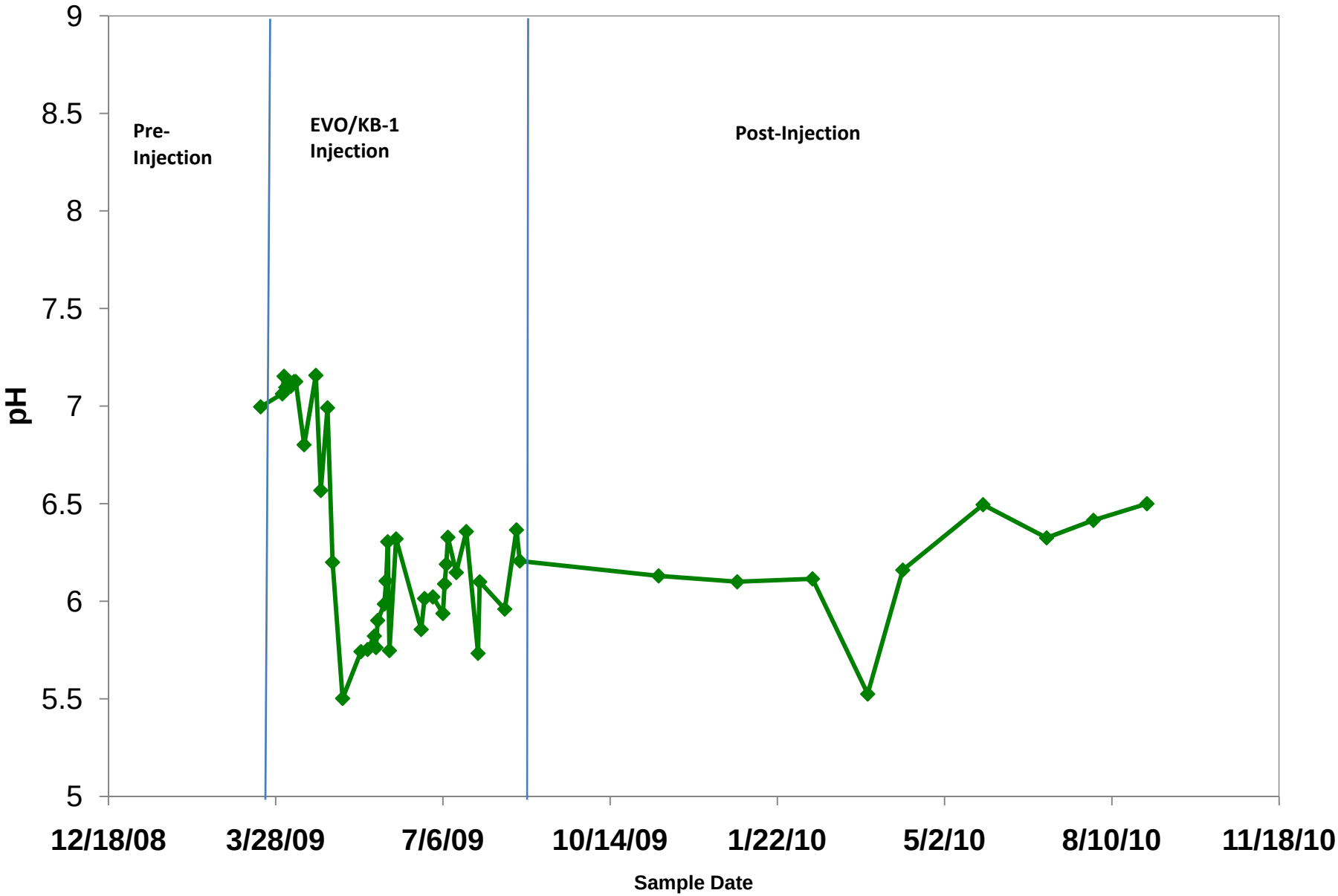


Figure 2-21. pH Performance Monitoring - SHB-3

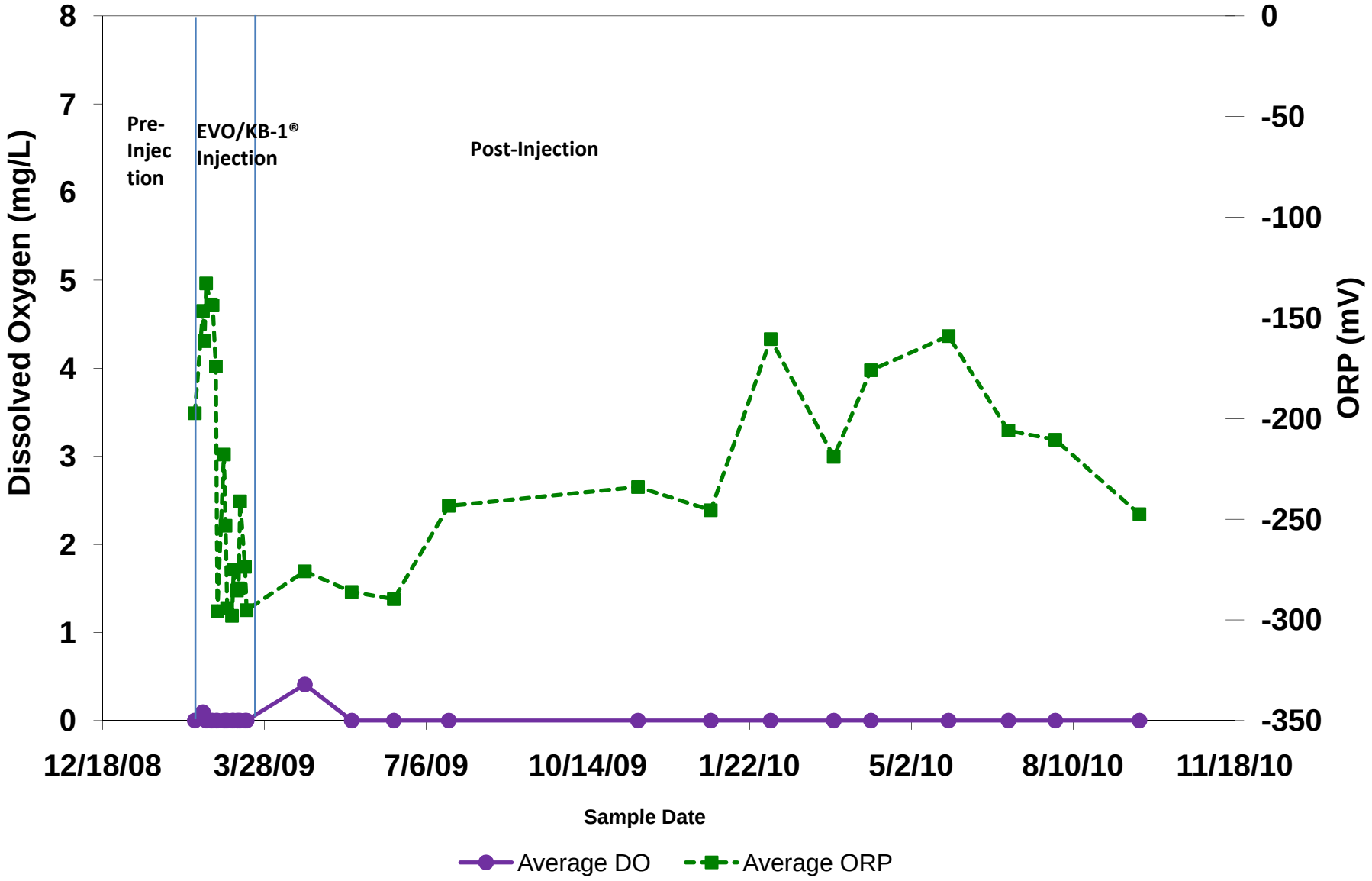


Figure 2-22. DO and ORP Performance Monitoring - SSB

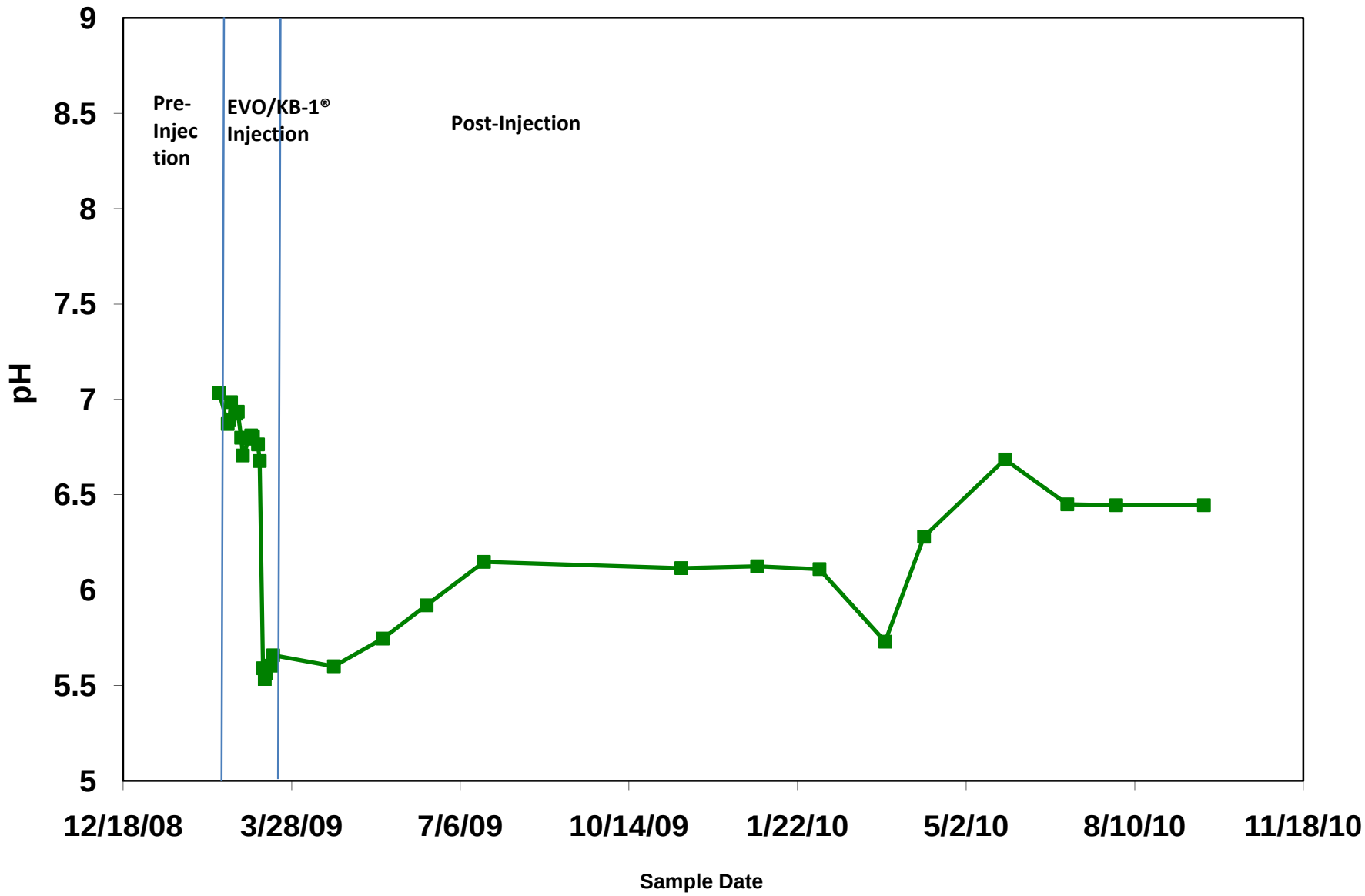


Figure 2-23. pH Performance Monitoring - SSB

Section 3
REMEDY PERFORMANCE

Per the Remedial Design and RAWP (Geosyntec 2006b; ECC/Geosyntec 2008a), a monitoring program has been established to track the progress towards achieving the following performance criteria for the EISB remedy:

- Complete dechlorination of TCE to ethene within the biobarriers;
- Dhc growth to concentrations exceeding 10^7 cells per liter (cells/L) and migration of augmented culture throughout active treatment zones; and
- Localized and/or minimal secondary groundwater quality impacts.

Baseline monitoring was conducted for all biobarriers in August 2008. The biobarriers were installed during 2009 and 2010 and subsequently monitored. Wells upgradient, within and downgradient of the biobarrier were sampled and COC concentrations measured. Table 1-1 summarizes the biobarrier well installation dates and schedule of monitoring for each biobarrier since November 2009.

In order for complete reductive dechlorination to occur, three primary factors are required. First, the oxidation-reduction (redox) state of the aquifer must be sufficiently reducing to support the microbial community required for reductive dechlorination (e.g., dechlorinating and fermenting communities). Second, an adequate supply of electron donor must be present to maintain the reducing redox condition of the aquifer as well as provide the dechlorinating population with its preferred electron donor (i.e., molecular hydrogen). Third, an active Dhc community must be present. These primary factors are captured in the first two performance metrics. The last performance criterion is established to monitor, assess, and minimize the impact of the EISB system on secondary groundwater quality. Impacts to pH and generation of methane and hydrogen sulfide gas can influence the performance of the biobarriers as well as represent potential health and safety risks.

The groundwater monitoring program incorporates various analyses to provide the information necessary to evaluate progress towards achieving the performance criteria listed above. Performance indicators including changes in levels of VOCs, DHGs, inorganic anions, and polymerase chain reaction (PCR) assays specific to Dhc, and aquifer pH are monitored to evaluate performance and track progress toward achieving remedial goals. In addition, surrogate measures of EVO through TOC and volatile fatty acids (acetic, butyric, lactic, and propionic acids) are taken to assess the presence of the electron donor. Field measurements of groundwater elevation are being performed to optimize injection and extraction flow rates during installation of the barriers, to ensure that the barriers are not impacting the direction of groundwater flow, and to better understand and evaluate the meaning of the performance indicators discussed above.

Determining the redox state of the aquifer in the vicinity of each biobarrier is of particular importance since reductive dechlorination of the chlorinated COCs by Dhc occurs best when the environment is highly reducing. The redox state of the aquifer is best evaluated using an approach that incorporates multiple lines of evidence. Various parameters including ORP, DO, nitrate, ferrous iron, sulfate, and methane are monitored. Mildly reducing environments are anaerobic (i.e., DO is near zero) as heterotrophic bacteria utilize the oxygen in the aquifer. Other biogeochemical processes occur, which convert nitrate to nitrite, insoluble ferric iron to soluble ferrous iron, sulfate to sulfide, and carbon dioxide to methane. Hence, in addition to measuring ORP, reduction of the concentrations of DO, nitrate, and sulfate, and increases in the production of ferrous iron and methane concentrations are determined. This multiple lines of evidence approach provide a proper representation of the aquifer's redox potential.

In the following subsections, the groundwater quality for each biobarrier is discussed in terms of the above-mentioned performance metrics. Specifically, the state of aquifer geochemistry is presented and compared to conditions necessary to support reductive dechlorination. These conditions include the qualitative measurement of EVO and PCR assays specific to Dhc. The changes in COC concentrations that have resulted after the barriers were installed and the impacts of the biobarriers on the secondary groundwater quality are also discussed (Figures 3-1 through 3-14).

3.1 GROUNDWATER QUALITY

Groundwater samples were collected from eighty-six monitoring wells (Table 1-1) during the 2010 annual performance monitoring event. The wells that were sampled consisted of: sixteen SAT (Upper Fines) wells, eight SAB (First Sand) wells, fifteen FSB-1 wells including one RDO well, nine FSB-2 wells, five SHB-1 wells, eight SHB-3 wells, eleven SSB-1 wells, four Upper Fines POC wells, four First Sand POC wells, one Shell Horizon POC well and five Second Sand POC wells. These wells were selected to monitor the performance of the EISB activities conducted in the biobarriers, upgradient and downgradient of the biobarriers, and in the POC wells. Groundwater quality parameters (WQPs), which consisted of DO, ORP, pH, sulfate and alkalinity, VOCs, TOC, VFAs, DHGs, and chlorinated ethenes were monitored per the schedule outlined in Table 1-1, which included monthly and semi-annual periodic performance monitoring in addition to the annual monitoring event.

3.1.1 DISSOLVED OXYGEN, ORP, pH, SULFATE, and ALKALINITY

Water quality parameters were monitored in several wells around the biobarriers before, during, and after injection activities as discussed in Section 2 (Tables 2-5 through 2-11; Figures 2-10 through 2-23). The purpose of the WQPs was to determine if conditions were present for Dhc survival and proliferation. WQPs results for the Fall of 2010 annual sampling event are presented in Table 3-1.

Dissolved oxygen – For reductive dechlorination to work effectively (i.e., complete transformation of TCE to ethene) DO levels must be below 1 mg/L. Within all of the biobarriers, the DO concentrations were 0.00 mg/L during the 2010 performance monitoring event, which is the same as was observed during the 2009 performance monitoring event. This is ideal for the growth of anaerobic microorganisms sensitive to DO levels. However, in two outlying wells, First Sand well MW-70-43A, and First Sand POC well MW-70-16 (Figure 1-2), the DO concentrations were measured at 1.98 mg/L and 3.58 mg/L, respectively, in the Fall 2010 annual sampling event. However, neither of these wells are located in the vicinity of the biobarriers. The DO in the biobarrier wells remained at 0.00 mg/L during the monitoring periods for all the biobarriers (Figures 2-10, 2-12, 2-14, 2-16, 2-18, 2-20, and 2-22).

ORP – ORP readings are significant in determining the geochemical condition of the aquifer. In order for Dhc to survive and grow aquifer conditions should be at least in the methanogenic range, which requires the ORP to be between -100 and -300 mV or lower. ORP readings collected during the 2010 monitoring events indicated that all of the upgradient and downgradient PMWs and biobarrier wells were within this range and in some instances even ranged as low as -300 and -500 mV, which is very favorable for reductive dechlorination of TCE and its daughter products (Tables 2-5 through 2-11; 3-1; Figures 2-10, 2-12, 2-14, 2-16, 2-18, 2-20, and 2-22). This is consistent with the readings obtained during the 2009 performance monitoring event.

Higher ORP readings were measured in some wells during the Fall 2010 annual sampling event. ORP readings measured in Upper Fines wells, MW-70-MNA01 through MW-70-MNA04 (Figure 2-1), located in the Source Area, ranged from -92 mV to 35 mV. Similar ORP readings, -81 mV and -90 mV, were measured in Second Sand wells MW-70-14 and MW-70-15 (Figure 2-5), respectively, which are located at least 600 feet from the biobarrier. ORP measurements in some of the POC wells located in the Upper Fines, First Sand, Shell Horizon and Second Sand ranged from -80 mV to -91 mV, which is outside of the methanogenic range (Table 3-1). These wells are not in the immediate vicinity of the SATG and biobarriers, and therefore are expected to have higher values. The ORP readings in the SATG and biobarrier wells are shown on Figures 2-10, 2-12, 2-14, 2-16, 2-18, 2-20, and 2-22.

pH - During the 2010 performance monitoring event, pH values generally ranged from 6 to 8 within the biobarriers, the range ideal for microbial growth. There were however a few outliers. The change in pH values before, during, and after injection are documented in Tables 2-5 through 2-11 and Figures 2-11, 2-13, 2-15, 2-17, 2-19, 2-21, and 2-23. In 3 wells, pH was measured below 6 during the Fall 2010 annual monitoring event: MW-70-PMW01A and IW-70-SAT36 located within the SATG (Figure 2-1) and well IW-70-SHB310 located in the SHB-3 (Figure 2-3, Table 3-1). In one well, MW-70-43A located approximately 200 feet north of the SHB-3 (Figure 2-3), pH was measured at 11.81, which is consistent with previous monitoring. Hence, it is unlikely related to the biobarrier activities (BEI 2006; Insight 2009a).

A decrease in pH is not an uncommon observation during reductive dechlorination. It is a result of acids produced by the biodegradation process and can be observed when groundwater alkalinity drops below 300 mg/L (see below). This is currently being observed in SATG wells. SATG treatment occurred between May and August 2010. Hence during the September 2010 sampling event, pH decreased to below 6 in several SATG wells and even below 5 in one well IW-70-SAT-03 (pH = 4.99) (Table 3-1, Figure 2-11). The pH is expected to rebound by the next sampling event as was observed in the other biobarrier wells. In general, pH was observed to recover after initial injection activities (Figures 2-11, 2-13, 2-15, 2-17, 2-19, 2-21, and 2-23).

Alkalinity - Alkalinity is an indicator of the buffering capacity of the aquifer. A strong buffering capacity is important because as the EVO is used by the microorganisms, it produces VFAs that have the potential to reduce the pH of the aquifer. Additionally as chlorinated ethenes degrade, they produce hydrochloric acid that can reduce the pH of the aquifer making it less ideal for microbial growth. The alkalinity in the aquifer buffers the subsurface against pH changes. In the biobarrier wells where alkalinity was analyzed, it was generally above 200 mg/L. Alkalinity ranged in the 150 to 200 mg/L range in a few PMW wells. Within the FSB, alkalinity readings were greater than 1,000 mg/L. In wells IW-70-FSB118 and IW-70-FSB216, the alkalinity was 1,330 mg/L and 1,180 mg/L, respectively. Although a pH drop was observed in the biobarriers soon after treatment, this trend occurred to a lesser degree in the FSB-1 where alkalinity is generally higher. In most FSB-1 wells, pH remained above 6 after treatment.

3.1.2 TOTAL ORGANIC CARBON

TOC was monitored at all biobarriers during baseline and subsequent performance monitoring events (Tables 2-5 through 2-11; Tables 3-2 through 3-13). Select wells located upgradient, downgradient, and within the biobarriers were sampled to determine the effect of EVO injection. During baseline sampling, the TOC concentrations were below 3 mg/L in all of the wells monitored with most TOC concentrations in wells reported below 1 mg/L. In general, after injection of the EVO into the biobarrier wells, the TOC concentrations increased to greater than 100 mg/L. Maximum TOC concentrations measured after injection are summarized below based on a comparison of data to date (Tables 3-14 through 3-20).

Results of the Fall 2010 sampling event indicated that TOC concentrations decreased significantly in several of the biobarrier wells where TOC concentrations were noted to have increased substantially compared to the first round of performance monitoring. TOC concentration changes were specifically noted at the SAB and SSB-1, which were the first two biobarriers installed. Injection of EVO was completed in January 2009 at the SAB and March 2009 at the SSB-1. Reduction of TOC was less, if any, in the other biobarriers; however, based on the results observed in the SAB and SSB-1, TOC concentrations across the different biobarriers will need to be closely monitored. In biobarrier SHB-3, TOC concentrations increased from 1.8 mg/L during baseline sampling to 2,080 mg/L during the Fall of 2010 sampling event after the biobarrier had been installed. TOC concentrations are just one line of

evidence that the conditions are suitable for reductive dechlorination at the site. In conjunction with TOC, daughter products, redox conditions, Dhc levels, and VFAs are being monitored to assess the performance of the EISB remedy.

A comparison of the maximum TOC concentrations approximately three months after injection and during the annual Fall 2010 sampling event demonstrates that while the TOC concentrations did not increase as much in the PMWs as in the biobarrier wells, the TOC concentrations in the downgradient PMWs have decreased since peaking at three months post EVO injection. For example, in the SAB at well MW-70-PMW03A, TOC increased to 219 mg/L; in MW-70-PMW01A at the SATG TOC increased to 915 mg/L; and well MW-70-PMW12B at SHB-3, TOC increased to 27.7 mg/L. Several biobarriers (FSB-1, FSB-2, SHB-1, and SSB-1) showed little to no increase in TOC concentrations post EVO injection. The data may reflect the heterogeneous nature of the aquifer matrix in the different lithologic layers that results in an inhomogeneous distribution of the carbon source between the injection wells and the PMWs. After the TOC concentrations in the downgradient PMWs peaked, the TOC concentrations have decreased in the SAB and SHB-3. As expected, the TOC concentrations in the upgradient PMWs were not impacted by the injection of EVO into the aquifer (Tables 3-14 through 3-20).

Maximum Total Organic Carbon Concentrations

Lithologic Unit	Biobarrier	Biobarrier Completion Date	Well Identification	Initial TOC (Baseline - 2008) (mg/L)	Max TOC Concentration (mg/L)	
					~ 3 Months after Installation	Fall 2010
Upper Fines	SATG	08/3/2010	IW-70-SAT16	NM	NM	2,910
First Sand	SAB	01/30/2009	IW-70-SAB06	0.828 J	860	20.5
			IW-70-SAB11	1.7	469	177
First Sand	FSB-1	02/12/2010	IW-70-FSB108	0.656 J	186	106
	FSB-2	11/24/2009	IW-70-FSB216	1.68	468	468
Shell Horizon	SHB-1	4/7/2010	IW-70-SHB113	1.03	140	110
	SHB-3	09/25/2009	IW-70-SHB310	1.8	769	2,080
Second Sand	SSB-1	03/18/2009	IW-70-SSB109	1.28	1,110	121

Notes:

mg/L – milligrams per liter
NM – not measured

3.1.3 VOLATILE FATTY ACIDS

VFAs were monitored in select biobarrier wells and wells upgradient and downgradient of the biobarrier (Tables 3-14 through 3-20). Monitoring VFA helps to determine the distribution and use of EVO in the biobarrier and aquifer. In the wells where the highest concentrations of TOC

were detected, VFA concentrations increased. Specifically, wells IW-70-SAB06, IW-70-SHB310, IW-70-SSB109, IW-70-FSB216 and IW-70-SHB113 exhibited increased concentrations of butyrate, propionate and acetate soon after injection of the EVO. During subsequent monitoring events, the concentration of the VFAs decreased, indicating that they were being consumed by microbes in the biobarrier. In general, the concentration of VFAs in the PMWs remained below detection limits with a few exceptions. In performance monitoring well MW-70-PMW01A, located near the SATG (Figure 2-1), VFAs were above detection limit with acetate concentration being the highest at 845 mg/L. Similar spikes in acetate concentrations directly after EVO injection were observed in other biobarriers (Insight 2010). For example in MW-70-PMW03A, located downgradient of the SAB (Figure 2-4), acetate concentrations increased to 95 mg/L during the Fall 2009 sampling event and subsequently decreased to 11 mg/L during the Fall 2010 sampling event. As noted above, concentrations of VFAs are one line of evidence to assess the suitability of the aquifer to support active reductive dechlorination. These data indicate that EVO is being consumed by the fermenting population and utilized by anaerobic populations such as methanogens and dechlorinators.

3.1.4 DISSOLVED GASES

The dissolved gases methane, ethene and ethane were monitored in select biobarrier wells and performance monitoring wells. Methanogenic conditions, as evidenced by an increase in concentration of methane in groundwater, are ideal for *Dehalococcoides* growth and proliferation. During baseline sampling, methane concentrations in the wells at the site were very low ranging from 10 to 20 µg/L (Tables 3-2 through 3-13). After installation of the SAB biobarrier, methane concentrations increased by three orders of magnitude to concentrations around 14,000 µg/L, as seen in well IW-70-SAB03. A similar trend was observed in the FSB-1, FSB-2, SHB-1 SHB-3, SSB-1 biobarriers where baseline conditions showed very low methane concentrations (less than 20 µg/L), but after injection of EVO the methane concentration increased several orders of magnitude and remained elevated, as evidence by the methane concentrations measured during the Fall 2010 performance sampling event. This was also evident during SATG implementation where methane concentrations as high as 12,000 mg/L were observed in IW-70-SAT35.

In the PMWs, increases in methane concentrations in the downgradient performance wells were significant. For instance in well MW-70-PMW03A located downgradient of the SAB (Figure 2-4), methane concentrations were reported at 25,000 µg/L during the 2010 sampling event. Similar Increases in methane concentrations are observed in downgradient PMWs in all the biobarriers.

Increases in the concentrations of ethene are clear indicators that complete reductive dechlorination of TCE and its daughter products is occurring in the aquifer. Additionally, ethene can be converted to ethane by anaerobic microbes. As such ethane is monitored as an indicator of TCE degradation. During baseline sampling, ethene and ethane concentrations throughout the

plume were a maximum of 2 µg/L, which is the reporting limit for both chemicals. The greatest increases in concentrations of ethane and ethene measured during the Fall 2010 sampling event were observed at the biobarriers that had been installed in 2009. For example, ethene concentrations increased in several wells in and around the SAB. The highest ethene concentration detected in the SAB was 10 µg/L in well IW-70-SAB11 during the March 2010 sampling event although concentrations remained at 2 µg/L in several wells in this biobarrier (Appendix E). Similarly, in the SHB-3 at well IW-70-SHB310, ethene and ethane concentrations increased to as high as 20 µg/L and 6.2 µg/L, respectively.

Ethene concentrations also increased in recently installed biobarriers. For instance, in the FSB-1 and FSB-2 biobarriers, which were installed on February 2010 and November 2009 respectively, ethene concentrations increased in wells downgradient of FSB-1 (MW-70-38, MW-70-PM05B, and MW-70-MNA07) and FSB-2 (MW-70-MNA10 and MW070-PMW08B) (Tables 3-5 and 3-6; Appendix E). Similarly, ethene concentrations were observed as high as 990 µg/L in well MW-70-PMW01B within the SATG (Figure 2-1; Table 3-2). Methane increases were more limited in the SHB-1 while ethene concentrations were reported at 120 µg/L in IW-70-SHB113 (July 2010 sampling) (Figure 2-3; Table 3-8).

Overall, ethane concentrations increased in fewer wells than ethene concentrations. For instance, the highest ethane concentrations detected in the SAB was 7.6 µg/L (0.26 micromolar [µM]) in well IW-70-SAB09, whereas the greatest ethene concentration in this well was 5 µg/L (0.18 µM) and the highest concentration of ethene detected at this barrier was 10 µg/L (0.42 µM) (Figure 2-4). This is not uncommon as ethane is not a direct reductive dechlorination daughter product but rather a secondary anaerobic process.

3.2 CHLORINATED ETHENES

The performance of the SATG and the six biobarriers (SAB, FSB-1, FSB-2, SHB-1, SHB-3, and SSB-1) is discussed below based on changes in molar concentrations of chlorinated ethenes. Chlorinated ethene concentrations are presented as molar concentrations to facilitate comparison between the relative quantities of the COCs in terms of contaminant degradation as reductive dechlorination is a 1 to 1 stoichiometric conversion (i.e., for each mole of TCE degraded, one mole of dichloroethene (DCE) is produced). Graphs displaying the total molar concentrations of TCE, DCE, VC, and ethene are presented in Figures 3-1 through 3-10.

Each bar shown in Figures 3-1 through 3-10 consists of molar concentration of TCE, DCE, VC, and ethene. To facilitate comparison of changes that have occurred after the biobarriers were installed, baseline values and results obtained during the 2009 and 2010 performance monitoring events are grouped together for each well that was sampled. In Figure 3-3, molar COC concentrations are shown for the upgradient and downgradient PMWs (MW-70-PMW02A/B and MW-70-PMW03A/B) in comparison to injection well IW-70-SAB06. Figure 3-4 shows the molar COC concentrations for the SAB injection wells.

In general, within the biobarrier wells, the TCE concentrations present in the wells during baseline was converted to cis-DCE soon after installation of the biobarrier and continued conversion to ethene occurred in the biobarrier by the Fall 2010 performance monitoring event. The following bullets summarize data and observations associated with each biobarrier:

- A significant reduction of total moles of COCs was observed in the biobarriers during this performance period.
- All VOCs were removed from the SAB and FSB-1 biobarriers or are reported at concentrations below their maximum contaminant level (MCLs) with only trace concentrations of COCs being present. (Figures 3-3 through 3-6).
- In biobarrier SHB-3, during the Fall 2010 sampling event the TCE appeared to have been removed and cis-DCE was the major contaminant present in the well. This was also evident in biobarrier SHB-1 where high cis-DCE and VC concentrations remained during the Fall 2010 performance monitoring event (Figures 3-8 and 3-9). This biobarrier was installed in April 2010 so sufficient time had not elapsed for complete dechlorination of TCE to occur.
- Within the SATG, which was installed in August 2010, there is already evidence of transformation of TCE in some wells with VC reaching as high as 20 µM in well IW-70-SAT35 (Figure 2-1). Although TCE has not been completely removed from all wells in the SATG by the Fall 2010 sampling event, the formation of cis-DCE and VC soon after treatment indicates that transformation is occurring (Figures 3-1 and 3-2).

In general, the performance monitoring wells located upgradient of the biobarriers appeared not to be significantly impacted by the amendments injected into the biobarrier wells. During baseline monitoring most of the upgradient performance monitoring wells had high TCE concentrations. After the biobarriers were installed some transformation of TCE into cis-DCE was noted in these upgradient wells, but no further transformation occurred. Cis-DCE was the dominant transformation product present in the upgradient wells during the Fall 2010 monitoring event. This was evident in wells upgradient of the biobarriers SAB, FSB-1, FSB-2, SHB-1, and SHB-3. In several upgradient performance monitoring wells, TCE lingered even after installation of the biobarrier. This occurred in FSB-1 where TCE concentrations were as high as 33 µM in PMW06B (Figure 2-3) during the 2010 performance monitoring event. In SSB-1 at MW-70-PMW-13A and MW-70-PMW-13B (Figure 2-5), TCE concentrations have not decreased after installation of the biobarrier. However, at biobarrier SHB-3, even though cis-DCE persisted in some wells during the Fall 2010 sampling event, such as in well MW-70-PMW11A (Figure 2-3), ethene was the dominant chemical detected in the Fall 2010 sampling event so the amendments in the biobarrier appear to have affected that upgradient well.

The amendments added to the biobarriers appeared to have significant effect on the wells downgradient of the biobarrier, which is anticipated since the EISB amendments and contaminants of concern will travel downgradient of the barriers in the direction of groundwater flow. These observations are the primary line of evidence that the EISB remedy is functioning

as expected. Transformation of TCE to VC was evident in the FSB-2, SHB-3 and SSB-1 biobarriers by the high VC concentrations detected during the Fall 2010 sampling event. In addition, significant increases were noted in the deeper performance monitoring wells located immediately downgradient of each of these biobarriers (i.e. MW-70-PMW08B, MW-70-PMW12B, and MW-70–PMW14B).

Although the concentration of TCE appears to have decreased in the performance monitoring wells located downgradient of the biobarriers, the results of the recent performance monitoring event indicate relatively high concentrations of cis-DCE remain in the SHB-1 and SSB-1 performance monitoring wells. However, there were trace concentrations of cis-DCE and VC concentrations and increased levels of ethene present indicating complete transformation of TCE is occurring in these downgradient wells.

The PMW wells in the area of the SATG had the highest concentration of TCE remaining during the Fall 2010 sampling event with concentrations often two orders of magnitude higher than in the SATG wells. Generally, the concentrations of cis-DCE and VC detected in the PMW wells around the SATG were lower than in the SATG injection wells with a few exceptions. Well MW-70-PMW01B (Figure 2-1) had 48 µM of VC during the Fall 2010 sampling event, the highest concentration of VC detected in the area of the SATG. MW-70-PMW01A (Figure 2-1) showed transformation of TCE to cis-DCE with cis-DCE concentrations as high as 45 µM.

3.3 DEHALOCOCCOIDES DISTRIBUTION AND SURVIVABILITY

During installation of the biobarriers, a culture of KB-1® was injected into the biobarrier wells. One of the important lines of evidence indicating that the EISB remedy is functioning as designed is to confirm high concentrations of Dhc and confirm the presence of the *vcr*A gene as expression of the *vcr*A gene by the dechlorinating population has been correlated to complete reductive dechlorination. The expression (or up regulation) of the *vcr*A gene is being used to monitor the performance of the remedy and ensure that cis-DCE and VC stall does not occur.

The concentrations of Dhc and *vcr*A were monitored in performance monitoring wells located downgradient of the biobarriers and in select biobarrier wells. The results, including baseline, 2009 and 2010 performance monitoring are presented in Tables 3-21 through 3-27 and in Figures 3-11 through 3-17 for the various biobarriers.

In general in wells where Dhc and *vcr*A concentrations were above optimum (i.e. 10^7 cells/L), complete transformation to ethene was observed; however in wells where Dhc was at optimum but *vcr*A was at moderate or between moderate (10^4 to 10^7 cells/L) and optimum concentrations, complete transformation did not occur. In the SAB biobarrier, Dhc and *vcr*A were above optimum concentrations within the biobarrier, but downgradient of the biobarrier, Dhc concentrations were close to but never at optimum concentration, and *vcr*A concentrations were very low. The lack of *vcr*A in the SAB PMW well MW-70-PMW03B (Figure 2-4) is evidenced by the lingering cis-DCE concentrations in this well. In the FSB-2, concentrations of Dhc and *vcr*A in the PMWs were never at optimum concentration in any of the wells monitored, but were

both above moderate concentrations for most wells except PMW wells MW-70-MNA10 and MW-70-PMW07B (Figure 2-3). In the wells downgradient of FSB-2, which had near optimum concentrations of Dhc and *vcr*A, TCE was transformed to VC and there is evidence of further transformation by the appearance of ethene in this well. Optimum concentrations of Dhc and *vcr*A were present in the SSB biobarrier during the 2010 sampling event. This is further evidenced by the decrease in COC concentration and transformation of TCE all the way to ethene. Within the SATG, both Dhc and *vcr*A concentrations were above optimum in most of the wells sampled. Only two wells had *vcr*A concentrations below moderate concentration. In those two wells IW-70-SAT3 and IW-70-SAT16 there was evidence of transformation to VC but cis-DCE was the most dominant transformation product present, whereas in well IW-70-SAT35 where both Dhc and *vcr*A were at the highest concentration and above optimum there was evidence of both cis-DCE and VC degrading. In summary, when Dhc and *vcr*A concentrations were at or near optimum, complete transformation of the COCs was observed. If Dhc concentrations were high but *vcr*A concentrations low, cis-DCE persisted.

Section 3

TABLES

Table 3-1
Field Parameter Data

Well ID	Date	Time	pH	Conductivity (µS/cm)	Turbidity (NTU)	DO (mg/L)	Temperature (^oC)	ORP (mV)
SOURCE AREA TREATMENT/UPPER FINES								
MW-70-PMW01A	9/3/10	0956	5.61	5620	549.0	0.00	23.50	-378
MW-70-PMW01B	9/3/10	1036	6.47	6770	174.0	0.00	24.26	-488
IW-70-SAT03	9/30/10	0740	4.99	6750	20.8	0.00	22.38	-233
IW-70-SAT16	9/29/10	1303	5.22	6830	194.0	0.00	25.81	-243
IW-70-SAT31	9/29/10	1009	5.35	7030	268.0	0.00	24.09	-240
IW-70-SAT35	9/29/10	0834	6.33	7650	33.0	0.00	22.72	-311
IW-70-SAT36	9/29/10	0902	5.50	7310	0.0	0.00	23.52	-256
IW-70-SAT45	9/29/10	1346	6.72	9290	79.4	0.00	25.72	-391
IW-70-SAT46	9/29/10	0934	5.64	5750	0.0	0.00	23.79	-242
IW-70-SAT50	9/28/10	1415	6.66	4830	249.0	0.00	24.58	-373
MW-70-27	9/13/10	1003	6.48	7030	517.0	0.10	24.11	-242
MW-70-28	9/13/10	0931	6.60	5940	683.0	0.00	23.48	-320
MW-70-MNA01	9/22/10	0839	6.89	7400	160.0	0.00	22.80	35
MW-70-MNA02	9/10/10	0931	6.74	4830	79.8	0.00	21.36	-18
MW-70-MNA03	9/8/10	1318	6.66	4590	225.0	0.00	21.78	-92
MW-70-MNA04	9/10/10	1043	6.89	5660	28.7	0.00	24.40	-42
SOURCE AREA BIOBARRIER/FIRST SAND								
MW-70-PMW02A	9/2/10	1303	7.47	1620	266.0	0.00	24.72	-210
MW-70-PMW02B	9/2/10	1330	7.46	1730	153.0	0.00	24.90	-200
IW-70-SAB03	8/30/10	1140	6.63	1730	55.3	0.00	28.95	-129
IW-70-SAB06	9/2/10	0855	6.56	2180	588.0	0.00	23.41	-214
IW-70-SAB11	8/30/10	0958	6.65	3870	194.0	0.00	22.68	-167
MW-70-PMW03A	9/2/10	1021	6.48	1850	>800	0.00	23.91	-166
MW-70-PMW03B	9/2/10	1126	7.52	1600	>800	0.00	24.45	-276
MW-70-MNA05	9/10/10	1118	7.51	984	9.4	0.00	24.50	-257
FIRST SAND BIOBARRIER 1								
MW-70-PMW04A	9/7/10	1023	6.94	1440	>800	0.00	21.63	-165
MW-70-PMW04B	9/7/10	1114	7.52	1360	3.6	0.00	22.25	-279
MW-70-PMW06A	9/3/10	1155	7.34	2570	40.7	0.00	22.56	-255
MW-70-PMW06B	9/3/10	1231	7.55	1950	32.9	0.00	24.01	-264
IW-70-FSB108	9/8/10	1018	6.17	2360	477.0	0.00	21.73	-222
IW-70-FSB118	9/8/10	1122	6.55	3300	724.0	0.00	21.93	-234
MW-70-PMW05A	9/8/10	0846	6.61	1370	>800	0.00	21.45	-169
MW-70-PMW05B	9/8/10	0924	6.73	3400	341.0	0.00	21.45	-343
MW-70-38	9/3/10	1321	6.55	2460	122.0	0.00	23.22	-351
RDO-5	9/16/10	1318	7.46	1250	47.9	0.00	23.82	-206
MW-70-MNA06	9/10/10	1255	7.37	1580	0.0	0.00	23.21	-180
MW-70-MNA07	9/16/10	1353	6.95	2060	198.0	0.00	23.34	-203
MW-70-MNA08	9/16/10	1428	7.34	2670	176.0	0.00	23.09	-202
MW-70-MNA11	9/10/10	1416	7.12	2620	118.0	0.00	22.83	-202
MW-70-43A	9/28/10	0919	11.81	6160	183.0	1.98	22.63	-169
FIRST SAND BIOBARRIER 2								
MW-70-PMW07A	8/31/10	1239	6.75	38300	259.0	0.00	23.31	-369
MW-70-PMW07B	8/31/10	1317	7.22	5460	265.0	0.00	22.98	-288
IW-70-FSB216	9/1/10	1052	6.25	30700	577.0	0.00	22.88	-329
IW-70-FSB229	9/1/10	0958	6.73	3560	716.0	0.00	23.68	-306
MW-70-PMW08A	9/1/10	1146	6.89	27300	81.8	0.00	24.04	-219
MW-70-PMW08B	9/1/10	1233	6.94	7800	67.3	0.00	23.71	-244
MW-70-MNA09	9/13/10	1128	6.90	15800	123.0	0.00	21.12	-229
MW-70-MNA10	9/22/10	0936	6.98	5850	180.0	0.00	21.40	-153
MW-70-MNA12	9/22/10	1048	7.01	29400	127.0	0.00	21.60	-217

Table 3-1 (continued)

Well ID	Date	Time	pH	Conductivity (µS/cm)	Turbidity (NTU)	DO (mg/L)	Temperature (°C)	ORP (mV)
SHELL HORIZON BIOBARRIER 1								
MW-70-PMW09	9/15/10	1136	7.76	1440	0.0	0.00	23.16	-264
IW-70-SHB113	9/15/10	1028	6.41	2210	401.0	0.00	23.04	-212
IW-70-SHB217	9/23/10	1020	7.09	8280	0.0	0.00	22.37	-187
MW-70-PMW10	9/15/10	1228	7.58	2060	>800	0.00	21.69	-252
MW-70-MNA13	9/24/10	1101	7.27	8920	0.0	0.00	22.45	-188
SHELL HORIZON BIOBARRIER 3								
MW-70-PMW11A	9/9/10	0902	6.69	49700	0.0	0.00	21.88	-144
MW-70-PMW11B	9/9/10	0936	7.12	5870	35.1	0.00	22.30	-200
IW-70-SHB310	8/31/10	0919	4.99	18800	150.0	0.00	22.06	-206
IW-70-SHB311	8/31/10	0947	6.51	3290	355.0	0.00	23.59	-210
IW-70-SHB319	8/31/10	0810	6.49	3400	540.0	0.00	20.98	-139
MW-70-PMW12A	9/16/10	0921	7.29	5080	169.5	0.00	23.34	-241
MW-70-PMW12B	9/16/10	1026	6.80	5260	429.0	0.00	22.48	-273
MW-70-MNA14	9/22/10	1338	7.58	3600	0.0	0.00	22.70	-215
SECOND SAND BIOBARRIER 1								
MW-70-PMW13A	9/9/10	1036	7.19	7250	>800	0.00	22.17	-187
MW-70-PMW13B	9/9/10	1118	7.24	12800	110.0	0.00	21.62	-229
IW-70-SSB109	9/20/10	1023	6.24	15800	55.3	0.00	21.72	-157
IW-70-SSB119	8/30/10	1446	6.65	8520	140.0	0.00	23.80	-338
MW-70-PMW14A	9/20/10	1113	7.24	6850	1.9	0.00	24.51	-255
MW-70-PMW14B	9/23/10	1432	7.00	11500	312.0	0.00	22.87	-260
MW-70-MNA15	9/23/10	0914	7.08	12900	28.5	0.00	21.50	-123
MW-70-MNA16	9/23/10	1053	7.16	8780	15.0	0.00	21.93	-211
MW-70-MNA17	9/23/10	1330	7.11	21400	26.7	0.00	22.59	-216
MW-70-14	9/28/10	0828	6.93	2540	145.0	0.00	22.50	-81
MW-70-15	9/24/10	1134	7.02	28100	0.0	0.00	21.92	-90
MW-70-43B	9/22/10	1237	8.46	2920	78.0	0.00	22.28	-238
POINT OF COMPLIANCE - UPPER FINES								
MW-70-02	9/14/10	0908	6.61	2900	29.5	0.00	22.78	67
MW-70-10	9/14/10	1148	7.14	5020	103.0	0.00	23.33	-44
MW-70-17	9/14/10	1018	6.78	8050	79.1	0.00	22.13	-138
MW-70-22	9/14/10	1053	7.15	55200	20.8	0.00	22.17	-81
POINT OF COMPLIANCE - FIRST SAND								
MW-70-POC01	9/17/10	0858	7.28	1470	>800	0.00	21.40	-164
MW-70-11	9/14/10	1228	7.34	2280	93.7	0.00	22.97	-118
MW-70-35	9/17/10	0948	6.93	12200	0.0	0.00	20.81	-87
MW-70-16	9/17/10	1148	7.42	4670	9.4	3.58	20.59	-08
POINT OF COMPLIANCE - SHELL HORIZON								
MW-70-23	9/17/10	1048	7.40	3330	3.4	0.00	20.50	-91
POINT OF COMPLIANCE - SECOND SAND								
MW-70-21	9/24/10	0743	6.83	26900	0.0	0.00	19.19	-32
MW-70-36	9/24/10	1204	7.19	18900	1.8	0.00	22.15	-155
POINT OF COMPLIANCE - DEEP SAND								
MW-70-POC02	9/27/10	1036	7.58	1080	0.0	0.00	28.30	-259
MW-70-POC03	9/27/10	0948	7.03	11800	1.6	0.00	22.26	-125
MW-70-POC04	9/24/10	0835	6.54	36000	18.8	0.00	21.17	-198

Abbreviations:
°C – degrees Celsius
DO – dissolved oxygen
Fe - Iron
µS/cm – microSiemens per centimeter
mg/L – milligrams per liter
mV – millivolt
NTU – nephelometric turbidity unit
ORP – oxidation-reduction potential
pH – potential of hydrogen

Table 3-2
Source Area Treatment Grid Analytical Results

			WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL																	
Parameters	**Method**	**Unit**	**MW-70-27 8/21/2008 (26-36)***	**MW-70-27 9/13/2010 (26-36)***	**MW-70-28 8/21/2008 (50-60)***	**MW-70-28 9/13/2010 (50-60)***	**MW-70-MNA01 8/20/2008 (40-50)***	**MW-70-MNA01 (D) 8/20/2008 (40-50)***	**MW-70-MNA01 9/22/2010 (40-50)***	**MW-70-MNA02 8/20/2008 (35-45)***	**MW-70-MNA02 9/10/2010 (35-45)***	**MW-70-MNA03 8/25/2008 (35-45)***	**MW-70-MNA03 9/8/2010 (35-45)***	**MW-70-MNA04 8/25/2008 (35-45)***	**MW-70-MNA04 9/10/2010 (35-45)***	**MW-70-PMW01A 8/20/2008 (25-35)***	**MW-70-PMW01A 9/3/2010 (25-35)***	**MW-70-PMW01A (D) 9/3/2010 (25-35)***	**MW-70-PMW01B 8/20/2008 (45-55)***	**MW-70-PMW01B 9/3/2010 (45-55)***
Wet Chemistry																				
TOTAL ALKALINITY	2320B	mg/L	720	1190	348	1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	650	1130	1120	320	1450
TDS	2540C	mg/L	11,000 J	5650	3,300 J	4060	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,150	4650	4200	2,420	4800
BROMIDE	300	mg/L	0.500 U	2.91	2.04	2.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.19	2.8	2.54	1.14	2.46
CHLORIDE-CL	300	mg/L	2,390	1420	811	1370	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0 U	1270	1270	10.0 U	1630
NITRATE-N	300	mg/L	0.200 U	0.0706 J	0.396	0.200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.200 U	0.400 U	0.400 U	5.44	0.400 U
NITRITE-N	300	mg/L	1.00 U	1.00 U	0.200 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.200 U	0.400 U	0.400 U	0.200 U	0.400 U
SULFATE	300	mg/L	4,540	1360	774	336	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,840	34.7	34.8	746	298
ACETATE	300.0M	mg/L	0.548 J	1.00 U	0.550 J	10.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00 U	832	845	1.00 U	121
BUTYRATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00 U	57.3	53.6	1.00 U	3.77
LACTATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
PROPIONATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00 U	546	565	1.00 U	9.32
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOC	5310B	mg/L	4.1	5.36	2.08 U	11.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.72 U	910	915	1.60 U	67.5
Dissolved Metals																				
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																				
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	2.7	3.7	0.48 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.47 J	0.53 J	3.5	0.32 J
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	0.62 J	0.42 J	0.43 J	0.24 J	1.0 U	1.0 U	0.35 J	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.1	1.1	1.0 U	1
1,1-DICHLOROETHANE	8260B	µg/L	**9.3**	8	2.7	7.1	1.0 U	1.0 U	0.96 J	**24**	10	**40**	25	5	7.7	**10**	5.4	5.5	1.0 U	4.8
1,1-DICHLOROETHENE	8260B	µg/L	**13**	**18**	**6.2**	0.50 U	1.3	1.3	3.2	0.68	0.63	0.50 U	0.50 U	1.9	3	**16**	5.2	5.1	**6.6**	**23**
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	**1**	**0.63**	0.27 J	0.30 J	0.50 U	0.50 U	0.50 U	**1.8**	**0.64**	**8.5**	**5.5**	**0.75**	**1.4**	0.25 J	**0.73**	**0.78**	0.50 U	**0.7**
1,2-DICHLOROPROPANE	8260B	µg/L	0.47 J	0.42 J	1.0 U	0.37 J	1.0 U	1.0 U	1.0 U	1.6	0.58 J	3.5	4.3	0.34 J	0.61 J	1.0 U	1.0 U	1.0 U	1.0 U	0.28 J
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 U	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	68	58	10 UJ	13
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 UJ	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	6.4 J	6.6 J	10 UJ	7.3 J	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U	8.6 J	53	47	24 J	19
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.46 J	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	0.61 J	14	1.0 U	5.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.7	3.2	1.0 U	3.4
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.78 J
CHLOROFORM	8260B	µg/L	39	17	3.9	20	5.5	6.1 U	7.2	0.52 J	0.21 J	1.0 U	1.0 U	0.68 J	0.29 J	8.5	20	20	6.5	26
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**4,600**	**6100**	**530**	**11**	**38**	**40**	**490**	**31**	**45**	2.8	4.2	**270**	**170**	**1,300**	**4200**	**4400**	**33**	**4900**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	41 J	140	35 J	2	0.59 J	0.60 J	3.4	2.9	3.1	1.0 UJ	1.0 U	7.5	1.3	21	9	9.1	130	15
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-2 (continued)

Parameters	Method	Unit	WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL																	
			MW-70-27 8/21/2008 (26-36)*	MW-70-27 9/13/2010 (26-36)*	MW-70-28 8/21/2008 (50-60)*	MW-70-28 9/13/2010 (50-60)*	MW-70-MNA01 8/20/2008 (40-50)*	MW-70-MNA01 (D) 8/20/2008 (40-50)*	MW-70-MNA01 9/22/2010 (40-50)*	MW-70-MNA02 8/20/2008 (35-45)*	MW-70-MNA02 9/10/2010 (35-45)*	MW-70-MNA03 8/25/2008 (35-45)*	MW-70-MNA03 9/8/2010 (35-45)*	MW-70-MNA04 8/25/2008 (35-45)*	MW-70-MNA04 9/10/2010 (35-45)*	MW-70-PMW01A 8/20/2008 (25-35)*	MW-70-PMW01A 9/3/2010 (25-35)*	MW-70-PMW01A (D) 9/3/2010 (25-35)*	MW-70-PMW01B 8/20/2008 (45-55)*	MW-70-PMW01B 9/3/2010 (45-55)*
METHYLENE CHLORIDE	8260B	µg/L	1.2	1.0 U	1.0 U	1.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	7.2	7	1.0 U	3.4
MTBE	8260B	µg/L	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	**8**	1.7	4.7	0.30 J	1.0 U	1.0 U	0.66 J	0.21 J	1.0 U	0.39 J	0.22 J	2	3.8	**9.5**	1.1	1.1	3	0.48 J
TOLUENE	8260B	µg/L	0.28 J	0.21 J	0.20 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 J
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	**35**	**49**	**13**	**21**	**27**	**28**	**49**	1.5	1.9	0.21 J	0.27 J	**17**	7.3	**44**	**28**	**28**	1.4	**86**
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**7,100**	**1300**	**10,000**	**12**	**1,500**	**1,400**	**2200**	**46**	**35 J**	1.3 J	0.85 J	**250**	**190 J**	**11,000**	**1800**	**1800**	**8,500**	**900**
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.25 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.26 J	0.23 J	0.22 J	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	**32**	**3700**	**18**	**230**	0.38 J	0.39 J	**300**	**7.1**	**4.5**	0.50 U	0.35 J	**1.8**	**0.9**	**25**	**250**	**260**	**0.51**	**3000**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)																				
DEHALOCOCCOIDES	qPCR	µg/L	ND[a]	7.00E+08	700	2.00E+08	3.00E+05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	NA	3.00E+08	8,000[b]	3.00E+08	2.00E+05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hydrocarbon Gases																				
ETHANE	RSK175	µg/L	2.0 U	4	3.3	7.5	2.0 U	2.0 U	2.0 U	5.9	2.3	0.65 J	2.0 U	19	20	18	6.1	6	2.0 U	16
ETHENE	RSK175	µg/L	2.0 U	130	0.60 J	870	2.0 U	2.0 U	12	2.0 U	2.0 U	0.64 J	2.0 U	2.0 U	2.0 U	1.9 J	31	28	2.0 U	990
METHANE	RSK175	µg/L	26	160	75	340	31	30	26	87	87	70	94	190	170	450	94	88	2.4	3000

Notes:

(D) - Duplicate Sample
J - estimated value
µg/L - microgram per liter
mg/L - milligrams per liter
MTBE - methyl tertiary butyl ether
NA - not analyzed
ND - not detected
qPCR - Quantitation Polymerase Chain Reaction
U - not detected
UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity
Bolded parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.
[a] Not detected: Sample specific quantitation limit is 4000 per liter.
[b] Correction factor applied to correct for non-specific polymerase chain reaction amplification products.
*(26-36) Well Screen Interval - feet below ground surface

Table 3-3
Upper Fines Point of Compliance Analytical Results

			Well Number/Sampling Date/Screen Interval												
Parameters	**Method**	**Unit**	**MW-70-02 9/3/2008 (20-30)***	**MW-70-02 9/15/2009 (20-30)***	**MW-70-02 9/14/2010 (20-30)***	**MW-70-10 8/28/2008 (30-40)***	**MW-70-10 (D) 8/28/2008 (30-40)***	**MW-70-10 9/15/2009 (30-40)***	**MW-70-10 9/14/2010 (30-40)***	**MW-70-17 8/27/2008 (30-40)***	**MW-70-17 8/31/2009 (30-40)***	**MW-70-17 9/14/2010 (30-40)***	**MW-70-22 9/3/2008 (20-30)***	**MW-70-22 9/2/2009 (20-30)***	**MW-70-22 9/14/2010 (20-30)***
Wet Chemistry															
TOTAL ALKALINITY	2320B	mg/L	560	NA	NA	270	273	NA	NA	323	NA	NA	170	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	3,210	NA	NA	3,870	3,860	NA	NA	5,430	NA	NA	37,200	NA	NA
BROMIDE	300	mg/L	1.79	NA	NA	0.91	1.07	NA	NA	1.37	NA	NA	55.3	NA	NA
CHLORIDE-CL	300	mg/L	293	NA	NA	1,070	1,080	NA	NA	2,410	NA	NA	19,900	NA	NA
NITRATE-N	300	mg/L	9.63	NA	NA	0.200 U	0.200 U	NA	NA	0.200 U	NA	NA	1.00 U	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	NA	0.400 U	0.400 U	NA	NA	1.00 U	NA	NA	2.00 U	NA	NA
SULFATE	300	mg/L	1,190	NA	NA	973	972	NA	NA	707	NA	NA	2,610	NA	NA
ACETATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
LACTATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	NA	1.00 U	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	4.12	NA	NA	1.9	1.85	NA	NA	2.61	NA	NA	1.45	NA	NA
Dissolved Metals														NA	NA
ARSENIC	6010B	mg/L	0.200 U	NA	NA	0.200 U	0.200 U	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA
IRON	6010B	mg/L	0.200 U	NA	NA	0.200 U	0.200 U	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA
MANGANESE	6010B	mg/L	1.72	NA	NA	0.757	0.771	NA	NA	1.21	NA	NA	3.29	NA	NA
Volatile Organic Compounds															
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 UJ	6.0 J	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-3 (continued)

			Well Number/Sampling Date/Screen Interval												
Parameters	**Method**	**Unit**	**MW-70-02 9/3/2008 (20-30)***	**MW-70-02 9/15/2009 (20-30)***	**MW-70-02 9/14/2010 (20-30)***	**MW-70-10 8/28/2008 (30-40)***	**MW-70-10 (D) 8/28/2008 (30-40)***	**MW-70-10 9/15/2009 (30-40)***	**MW-70-10 9/14/2010 (30-40)***	**MW-70-17 8/27/2008 (30-40)***	**MW-70-17 8/31/2009 (30-40)***	**MW-70-17 9/14/2010 (30-40)***	**MW-70-22 9/3/2008 (20-30)***	**MW-70-22 9/2/2009 (20-30)***	**MW-70-22 9/14/2010 (20-30)***
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	2.4	2.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dissolved Hydrocarbon Gases															
ETHANE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
ETHENE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
METHANE	RSK175	µg/L	2.0 U	NA	NA	1.7 J	2.0 J	NA	NA	6.8	NA	NA	2.1	NA	NA

Notes:

Bolded parameters are constituents of concern

*(20-30) Well Screen Interval - feet below ground surface

D - Duplicate Sample

J - estimated value

µg/L - microgram per liter

mg/L - milligrams per liter

MTBE - methyl tertiary butyl ether

NA - not anaylzed

U - not detected

UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity

Table 3-4
First Sand Source Area Biobarrier Analytical Results

			Well Number/Sampling Date/Screen Interval																					
			IW-70-SAB06	IW-70-SAB06	IW-70-SAB06	MW-70-MNA05	MW-70-MNA05	MW-70-MNA05	MW-70-PMW02A	MW-70-PMW02A (D)	MW-70-PMW02A	MW-70-PMW02A	MW-70-PMW02B	MW-70-PMW02B	MW-70-PMW02B	MW-70-PMW03A	MW-70-PMW03A	MW-70-PMW03A (D)	MW-70-PMW03A	MW-70-PMW03A	MW-70-PMW03B	MW-70-PMW03B	MW-70-PMW03B	MW-70-PMW03B
			8/25/2008	8/26/2009	9/2/2010	8/25/2008	9/17/2009	9/10/2010	8/21/2008	8/21/2008	8/25/2009	9/2/2010	8/21/2008	8/25/2009	9/2/2010	8/21/2008	9/16/2009	9/16/2009	3/18/2010	9/2/2010	8/21/2008	8/26/2009	3/18/2010	9/2/2010
Parameters	**Method**	**Unit**	**(65-80/85-105)***	**(65-80/85-105)***	**(65-80/85-105)***	**(70-80)***	**(70-80)***	**(70-80)***	**(71-81)***	**(71-81)***	**(71-81)***	**(71-81)***	**(90-100)***	**(90-100)***	**(90-100)***	**(70-80)***	**(70-80)***	**(70-80)***	**(70-80)***	**(70-80)***	**(90-100)***	**(90-100)***	**(90-100)***	**(90-100)***
Wet Chemistry																								
TOTAL ALKALINITY	2320B	mg/L	203	994	906	NA	NA	NA	203	205	202	205	195	204	221	205	695	699	NA	753	198	208	NA	212
TOTAL DISSOLVED SOLIDS	2540C	mg/L	995	1440	1280	NA	NA	NA	1,010 J	1,020 J	865	1050	1,110 J	1000	1150	1,210 J	1290	1240	NA	1140	1,130 J	1120	NA	1110
BROMIDE	300	mg/L	0.457 J	0.525	2.30	NA	NA	NA	0.532	0.529	0.689	0.279 J	0.598	0.757	0.510	0.519	0.485 J	0.512	NA	1.35	0.526	0.648	NA	0.349 J
CHLORIDE-CL	300	mg/L	178	160	203	NA	NA	NA	163	162	165	206	197	203	239	190	188	189	NA	211	191	189	NA	230
NITRATE-N	300	mg/L	0.200 U	0.200 U	0.0544 J	NA	NA	NA	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.0520 J	0.0540 J	NA	0.400 U	0.200 U	0.200 U	NA	0.200 U
NITRITE-N	300	mg/L	0.200 U	0.200 U	0.400 U	NA	NA	NA	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	0.400 U	0.200 U	0.200 U	NA	0.200 U
SULFATE	300	mg/L	303	1.32	4.48	NA	NA	NA	268	266	248	334	319	321	366	328	1.89	0.687	NA	0.538 J	321	300	NA	349
ACETATE	300.0M	mg/L	1.00 U	5.70	1.00 U	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	0.738 J	1.00 U	1.00 U	0.563 J	85.5	81.9	95.0	11.9	0.533 J	1.00 U	1.49	1.00 U
BUTYRATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.25	1.89	1.39	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
LACTATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
PROPIONATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.0	10.5	2.08	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	1.00 U	1.00 U	1.00 U	NA	1.00 U
TOTAL ORGANIC CARBON	5310B	mg/L	0.828 J	38.0	20.5	NA	NA	NA	0.967 U	0.894 U	1.06	0.934 J	1.04 U	1.16	1.10	0.865 U	53.3	56.6	56.5	15.6	1.17 U	1.12	0.784 U	1.03
Dissolved Metals																								
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.00689 J	0.00707 J	NA	0.200 U	0.200 U	0.200 U	NA	0.200 U
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.34	0.343	0.366	0.443	0.318	0.267	0.287	0.245	49.7	50.6	NA	32.2	0.285	0.386	NA	0.525
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.329	0.317	0.281	0.273	0.267	0.217	0.238	0.22	1.73	1.76	NA	0.656	0.23	0.217	NA	0.284
Volatile Organic Compounds																								
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	0.46 J	1.0 U	1.0 U	0.23 J	1.0 U	1.0 U	0.36 J	0.36 J	0.29 J	0.72 J	0.43 J	0.55 J	0.87 J	0.51 J	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J	0.46 J	0.48 J	0.61 J
1,1-DICHLOROETHENE	8260B	µg/L	0.36 J	0.50 U	0.50 U	0.50 U	0.25 J	0.30 J	0.68	0.68	0.94	0.77	1.2	1.3	1.8	0.40 J	0.50 U	0.50 U	0.50 U	0.50 U	1	2.0	1.9	2.5
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	5.8 J	5.7 J	10 U	10 U	10 UJ	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	78	80	18	10 U	10 UJ	10 U	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 UJ
CARBON DISULFIDE	8260B	µg/L	1.0 U	0.68 J	0.25 J	1.0 U	1.0 U	0.66 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 J	0.44 J	0.44 J	0.25 J	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.34 J	0.30 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	0.25 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.34 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**11**	1.4	0.49 J	2.7	**30**	**19**	**97**	**100**	**120**	**130**	**170**	**180**	**290**	**9.2**	3.9	4.1	1.2	0.63 J	**190**	**310**	**370**	**510**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	2.9	1.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 J	0.27 J	1.0 U	1.0 U	1.0 U	1.0 U

			Well Number/Sampling Date/Screen Interval																					
Parameters	**Method**	**Unit**	**IW-70-SAB06 8/25/2008 (65-80/85-105)***	**IW-70-SAB06 8/26/2009 (65-80/85-105)***	**IW-70-SAB06 9/2/2010 (65-80/85-105)***	**MW-70-MNA05 8/25/2008 (70-80)***	**MW-70-MNA05 9/17/2009 (70-80)***	**MW-70-MNA05 9/10/2010 (70-80)***	**MW-70-PMW02A 8/21/2008 (71-81)***	**MW-70-PMW02A (D) 8/21/2008 (71-81)***	**MW-70-PMW02A 8/25/2009 (71-81)***	**MW-70-PMW02A 9/2/2010 (71-81)***	**MW-70-PMW02B 8/21/2008 (90-100)***	**MW-70-PMW02B 8/25/2009 (90-100)***	**MW-70-PMW02B 9/2/2010 (90-100)***	**MW-70-PMW03A 8/21/2008 (70-80)***	**MW-70-PMW03A 9/16/2009 (70-80)***	**MW-70-PMW03A (D) 9/16/2009 (70-80)***	**MW-70-PMW03A 3/18/2010 (70-80)***	**MW-70-PMW03A 9/2/2010 (70-80)***	**MW-70-PMW03B 8/21/2008 (90-100)***	**MW-70-PMW03B 8/26/2009 (90-100)***	**MW-70-PMW03B 3/18/2010 (90-100)***	**MW-70-PMW03B 9/2/2010 (90-100)***
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	0.26 J	0.66 J	0.73 J	1.0 U	0.42 J	0.53 J	0.75 J	0.73 J	1.0	1.2	1.6	1.9	2.5	0.26 J	0.34 J	0.33 J	0.44 J	1.2	1.2	3.4	3.6	4.4
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**200**	0.48 J	0.39 J	**56**	4.5 J	4.6 J	**110**	**120**	4.8 J	**5.7**	**350**	**11**	**94**	**270**	0.42 J	0.44 J	0.23 J	0.48 J	**110 J**	3.9 J	**14**	**9.8**
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.39 J	**15**	**6.1**	0.50 U	0.50 U	**37**	0.30 J	0.33 J	0.31 J	**0.61**	**0.68**	0.49 J	**1.6**	0.47 J	**9.9**	**11**	**3.6**	**5.0**	**0.56**	**3.0**	**13**	**38**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides/Vinyl Chloride Reductase																								
DEHALOCOCCOIDES	qPCR	Liter	ND[a, b]	2.00E+07	1.00E+06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.00E+06	NA	9.00E+05	4.00E+05	NA	1.00E+03	2.00E+05	3.00E+05
VINYL CHLORIDE REDUCTASE	qPCR	Liter	NA	2.00E+07	2.00E+06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.00E+06	NA	2.00E+06	2.00E+06	NA	4E+03 U	4.00E+03 U	4.00E+03 U
Dissolved Hydrocarbon Gases																								
ETHANE	RSK175	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHENE	RSK175	µg/L	2.0 U	3.1	3.2	2.0 U	2.0 U	1.7 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.89 J	0.88 J	2.0 U	2.8	2.0 U	2.0 U	3.3	3.0
METHANE	RSK175	µg/L	11	19000	28000	8.6	16	110	20	18	2300	5900	16	580	35	24	34000	14000	26000	25000	22	7800	7400	7200

Notes:
Bolded parameters are constituents of concern and bold values are above target cleanup goals or federal/state primary maximum containment limits.
*(70-80) Well Screen Interval - feet below ground surface
D - duplicate sample
J - estimated value
µg/L - microgram per liter
mg/L - milligrams per liter
MTBE - methyl tertiary butyl ether
NA - not analyzed
ND - not detected
qPCR - quantation polymerase chain reaction
U - not detected
[a] Not detected: Sample specific quantitation limit is 4000 per liter.
[b] Correction factor applied to correct for non-specific polymerase chain reaction amplification products.

Table 3-5

First Sand Biobarrier-1 Analytical Results

Parameters	Method	Unit	IW-70-FSB108 8/25/2008 (60-105)*	IW-70-FSB108 6/30/2010 (60-105)*	IW-70-FSB108 9/8/2010 (60-105)*	IW-70-FSB118 8/26/2008 (60-105)*	IW-70-FSB118 6/30/2010 (60-105)*	IW-70-FSB118 9/8/2010 (60-105)*	MW-70-38 8/25/2008 (80-100)*	MW-70-38 9/3/2010 (80-100)*	MW-70-MNA06 8/26/2008 (80-90)*	MW-70-MNA06 9/10/2010 (80-90)*	MW-70-MNA06 (D) 9/10/2010 (80-90)*	MW-70-MNA07 8/22/2008 (90-100)*	MW-70-MNA07 9/16/2010 (90-100)*	MW-70-MNA08 8/27/2008 (80-90)*	MW-70-MNA08 9/16/2010 (80-90)*	MW-70-MNA11 8/28/2008 (80-90)*	MW-70-MNA11 (D) 8/28/2008 (80-90)*	MW-70-MNA11 9/10/2010 (80-90)*
Wet Chemistry																				
TOTAL ALKALINITY	2320B	mg/L	178	NA	699	208	NA	1330	175	785	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS	2540C	mg/L	530	NA	1700	1,740	NA	2420	1,500	1560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMIDE	300	mg/L	0.312 J	NA	2.50 U	0.724	NA	1.77 J	0.759	2.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORIDE-CL	300	mg/L	93.6	NA	373	411	NA	487	392	374	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	1.00 U	0.200 U	NA	0.400 U	0.200 U	0.400 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	1.00 U	0.400 U	NA	0.400 U	0.200 U	0.400 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFATE	300	mg/L	146	NA	2.50 U	490	NA	1.93	436	8.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETATE	300.0M	mg/L	1.00 U	11.3	18.8	4.00 U	30	1.00 U	1.00 U	25.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	4.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LACTATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	4.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	190	15.3	4.00 U	16.5	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	0.656 J	186	106	1.10 U	32	14	1.18	15.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Metals																				
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.200 U	0.00558 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.200 U	2.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.233	0.599	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																				
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	2.3	1.0 U	1.0 U	1.9	0.40 J	1.0 U	1.0 U	1.0 U	0.28 J	1.0 U	2	1.6	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.39 J	0.41 J	0.50 U	**6.2**	0.50 U	0.50 U	**7.5**	0.50 U	0.59	0.59	0.64	1.1	0.50 U	3.8	**8.5**	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	95	80	10 UJ	37	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	7.9 J	10 UJ	10 U	10 UJ	10 UJ	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	11	12	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	240	300	10 UJ	55	5.4 J	10 UJ	8.7 J	10 UJ	10 U	10 U	10 UJ	13	10 UJ	10 U	10 UJ	10 UJ	10 U
BENZENE	8260B	µg/L	1.0 U	0.23 J	1.0 U	1.0 U	0.30 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	1.5	3.9	1.0 U	1.1	1.3	1.0 UJ	2.1	1.0 U	1.0 U	1.0 U	1.0 UJ	0.37 J	1.0 U	0.28 J	1.0 UJ	1.0 UJ	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5 (continued)

Parameters	Method	Unit	IW-70-FSB108 8/25/2008 (60-105)*	IW-70-FSB108 6/30/2010 (60-105)*	IW-70-FSB108 9/8/2010 (60-105)*	IW-70-FSB118 8/26/2008 (60-105)*	IW-70-FSB118 6/30/2010 (60-105)*	IW-70-FSB118 9/8/2010 (60-105)*	MW-70-38 8/25/2008 (80-100)*	MW-70-38 9/3/2010 (80-100)*	MW-70-MNA06 8/26/2008 (80-90)*	MW-70-MNA06 9/10/2010 (80-90)*	MW-70-MNA06 (D) 9/10/2010 (80-90)*	MW-70-MNA07 8/22/2008 (90-100)*	MW-70-MNA07 9/16/2010 (90-100)*	MW-70-MNA08 8/27/2008 (80-90)*	MW-70-MNA08 9/16/2010 (80-90)*	MW-70-MNA11 8/28/2008 (80-90)*	MW-70-MNA11 (D) 8/28/2008 (80-90)*	MW-70-MNA11 9/10/2010 (80-90)*
CHLOROETHANE	8260B	µg/L	2.0 U	1.2 J	0.67 J	2.0 U	0.63 J	0.29 J	2.0 U	0.53 J	2.0 U	2.0 U	2.0 U	2.0 U	0.57 J	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	0.23 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**10**	**610**	1.0 U	**540**	1.8	0.98 J	**1,900**	**17**	**9.9**	**34**	**37**	**70**	**20 J**	**390**	**2600 J**	0.92 J	0.99 J	0.77 J
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	0.22 J	4.7	1.5	8.7	1.1	1.6	**29**	8	0.25 J	0.79 J	0.86 J	1.5	5	7.9	**19**	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**120**	0.36 J	0.38 J	**4,100**	1.1 J	0.58 J	**1,500**	1.3 J	**55**	**11**	**12**	**610**	2.6 J	**3,000**	**17**	0.68 J	0.74 J	1.0 J
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.42 J	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	**100**	**180**	**5.1**	**16**	**22**	**3.7**	**5.8**	0.50 U	0.34 J	0.24 J	**0.51**	**2**	**5.6**	**4.7**	0.50 U	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)																				
DEHALOCOCCOIDES	qPCR	per Liter	8,000	9.00E+06	4.00E+07	30,000	2.00E+07	3.00E+06	NA	NA	NA	NA	NA	NA	1.00E+06	4.00E+03 U	NA	NA	NA	NA
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	Detected[a]	7.00E+05	3.00E+07	Detected[a]	3.00E+06	5.00E+06	NA	NA	NA	NA	NA	NA	2.00E+06	NA	NA	NA	NA	NA
Dissolved Hydrocarbon Gases																				
ETHANE	RSK175	µg/L	2.0 U	1.4 J	2.0 U	1.0 J	2.0 U	2.0 U	2.0 U	0.71 J	2.0 U	2.0 U	2.0 U	2.0 U	1.4 J	0.86 J	1.5 J	2.0 U	2.0 U	2.0 U
ETHENE	RSK175	µg/L	2.0 U	1.3 J	8.9	2.0 U	4.6	15	2.0 U	200	2.0 U	1.0 J	1.1 J	2.0 U	190	2.0 U	0.73 J	2.0 U	2.0 U	2.0 U
METHANE	RSK175	µg/L	7.4	6200	22000	29	23000	26000	9.4	23000	2.4	9.8	10	23	17000	27	68 J	29	22	9.8

Table 3-5 (continued)

Parameters	Method	Unit	MW-70-PMW04A 8/22/2008 (70-80)*	MW-70-PMW04A 6/30/2010 (70-80)*	MW-70-PMW04A 9/7/2010 (70-80)*	MW-70-PMW04B 8/22/2008 (90-100)*	MW-70-PMW04B 6/30/2010 (90-100)*	MW-70-PMW04B 9/7/2010 (90-100)*	MW-70-PMW05A 8/22/2008 (70-80)*	MW-70-PMW05A 6/30/2010 (70-80)*	MW-70-PMW05A 9/8/2010 (70-80)*	MW-70-PMW05B 8/22/2008 (90-100)*	MW-70-PMW05B 6/30/2010 (90-100)*	MW-70-PMW05B 9/8/2010 (90-100)*	MW-70-PMW06A 8/22/2008 (70-80)*	MW-70-PMW06A 9/3/2010 (70-80)*	MW-70-PMW06B 8/22/2008 (91-101)*	MW-70-PMW06B 9/3/2010 (91-101)*	RDO-5 8/25/2008 (65-105)*	RDO-5 9/16/2010 (65-105)*
Wet Chemistry																				
TOTAL ALKALINITY	2320B	mg/L	180	NA	422	193	NA	173	185	NA	405	175	NA	618	195	212	165	175	NA	NA
TDS	2540C	mg/L	680	NA	766	850	NA	652	685	NA	732	620	NA	2330	1,500	1870	1,000	1280	NA	NA
BROMIDE	300	mg/L	0.394 J	NA	0.787	0.703	NA	0.500 U	0.370 J	NA	0.500 U	0.397 J	NA	1.67 J	0.721	0.729	0.534	0.331 J	NA	NA
CHLORIDE-CL	300	mg/L	111	NA	133	223	NA	152	105	NA	136	120	NA	823	338	426	247	318	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.0734 J	NA	1.00 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	NA	1.00 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	NA
SULFATE	300	mg/L	157	NA	106	139	NA	165	169	NA	53.8	123	NA	147	402	481	217	283	NA	NA
ACETATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.610 J	1.00 U	1.00 U	4.01	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA
LACTATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	1.00 U	1.00 U	NA	1.00 U	1.00 U	NA	1.00 U	1.00 U	NA	8.29	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	0.680 J	1.62	1.36	0.917 J	0.901 J	1.04	0.807 U	3.34	2.23	0.874 U	3.75	4.47	1.08	1.22	1.02	0.752 J	NA	NA
Dissolved Metals																				
ARSENIC	6010B	mg/L	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	NA
IRON	6010B	mg/L	0.0566 J	NA	0.328	0.0677 J	NA	0.38	0.154 J	NA	3.36	0.200 U	NA	0.374	0.588	0.443	0.0609 J	0.0479 J	NA	NA
MANGANESE	6010B	mg/L	0.141 J	NA	0.224	0.0646 J	NA	0.221	0.127 J	NA	0.815	0.0606 J	NA	0.195 J	0.242	0.376	0.244	0.277	NA	NA
Volatile Organic Compounds																				
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	0.45 J	0.41 J	0.33 J	0.52 J	1	0.89 J	1.0 U	1.0 U	1.0 U	0.65 J	0.29 J	0.21 J	1.7	2	1.5	2.4	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	3.4	4.4	3.3	4.8	**14**	**12**	0.48 J	0.50 U	0.50 U	**7.3**	0.21 J	0.50 U	**10**	**13**	4.6	**9.8**	0.22 J	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	6.1 J	10 UJ	10 U	10 U	10 UJ	14	10 U	10 UJ	6.4 J	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 UJ	1.0 U	0.85 J	1.0 UJ	1.0 U	0.34 J	1.0 UJ	0.32 J	0.32 J	1.0 UJ	3.2	2.1	1.0 UJ	1.7	1.0 UJ	1.1	1.0 U	0.24 J
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-5 (continued)

Parameters	Method	Unit	MW-70-PMW04A 8/22/2008 (70-80)*	MW-70-PMW04A 6/30/2010 (70-80)*	MW-70-PMW04A 9/7/2010 (70-80)*	MW-70-PMW04B 8/22/2008 (90-100)*	MW-70-PMW04B 6/30/2010 (90-100)*	MW-70-PMW04B 9/7/2010 (90-100)*	MW-70-PMW05A 8/22/2008 (70-80)*	MW-70-PMW05A 6/30/2010 (70-80)*	MW-70-PMW05A 9/8/2010 (70-80)*	MW-70-PMW05B 8/22/2008 (90-100)*	MW-70-PMW05B 6/30/2010 (90-100)*	MW-70-PMW05B 9/8/2010 (90-100)*	MW-70-PMW06A 8/22/2008 (70-80)*	MW-70-PMW06A 9/3/2010 (70-80)*	MW-70-PMW06B 8/22/2008 (91-101)*	MW-70-PMW06B 9/3/2010 (91-101)*	RDO-5 8/25/2008 (65-105)*	RDO-5 9/16/2010 (65-105)*
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.20 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.30 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**49**	**550**	**450**	**340**	**1400**	**1400**	**18**	1.2	**6.8**	**93**	**22**	4.5	**2,500**	**2700**	**130**	**430**	4.2	**12**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	0.85 J	4.8	3.4	5	**21**	**16**	0.65 J	1.1	0.94 J	1.3	3	3.2	**21**	**56**	**15**	**51**	0.23 J	0.79 J
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**790**	**9.2**	**12**	**890**	**55**	**15**	**130**	0.27 J	1.6 J	**1,500**	0.53 J	0.99 J	**180 J**	**19**	**3,100**	**4400**	**38**	4.2 J
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.48 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.34 J	**13**	**31**	0.47 J	**2.2**	**1.5**	0.50 U	**1.7**	**2.1**	**0.56**	**270**	**52**	**3.4**	**95**	**4.1**	**9.8 J**	0.50 U	**2.7**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)																				
DEHALOCOCCOIDES	qPCR	per Liter	NA	1.00E+06	2.00E+05	NA	4.00E+03 U	4.00E+03 U	NA	4.00E+07	1.00E+05	NA	2.00E+08	4.00E+07	NA	NA	NA	NA	NA	1.00E+06
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	NA	8.00E+05	4.00E+05	NA	NA	4.00E+03 U	NA	4.00E+07	1.00E+06	NA	3.00E+05	4.00E+07	NA	NA	NA	NA	NA	2.00E+06
Dissolved Hydrocarbon Gases																				
ETHANE	RSK175	µg/L	2.0 U	2.0 U	0.77 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.91 J	2.0 U	2.0 U	2.0 U	1.0 J	1.8 J	2.0 U	2.0 U	2.0 U	2.0 U
ETHENE	RSK175	µg/L	2.0 U	9.5	40	2.0 U	1.6 J	1.1 J	2.0 U	32	15	2.0 U	19	95	2.0 U	6.5	2.0 U	0.64 J	2.0 U	9.3
METHANE	RSK175	µg/L	9.2	12000	490 J	7.5	21	34	6.7	17000	16000	8.2	3600	23000	23	200	10	12	4.5	7500

Notes:
D - duplicate sample
J - estimated value
µg/L - microgram per liter
mg/L - milligrams per liter
NA - not analyzed
ND - not detected
qPCR - Quantitative Polymerase Chain Reaction
U - not detected
UJ - analyte not reported above the detection limit; the sample quantitation limit is as estimated quantity
Bolded parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.
*(70-80) Well Screen Interval - feet below ground surface
[a] vcrA detected but below specific quantiation limit. The sample specific quantitation limit is 4000 per liter.

Table 3-6

First Sand Biobarrier-2 Analytical Results

			WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL										
Parameters	**Method**	**Unit**	**IW-70-FSB216 8/27/2008 (65-100)***	**IW-70-FSB216 5/27/2010 (65-100)***	**IW-70-FSB216 9/1/2010 (65-100)***	**MW-70-MNA09 8/27/2008 (64-74)***	**MW-70-MNA09 9/13/2010 (64-74)***	**MW-70-MNA10 8/29/2008 (75-85)***	**MW-70-MNA10 9/22/2010 (75-85)***	**MW-70-MNA12 9/4/2008 (75-85)***	**MW-70-MNA12 9/22/2010 (75-85)***	**MW-70-PMW07A 8/28/2008 (65-75)***	**MW-70-PMW07A (D) 8/28/2008 (65-75)***
Wet Chemistry													
TOTAL ALKALINITY	2320B	mg/L	288	NA	1180	NA	NA	NA	NA	NA	NA	320	315
TOTAL DISSOLVED SOLIDS	2540C	mg/L	9,950	NA	19800	NA	NA	NA	NA	NA	NA	14,500	14,400
BROMIDE	300	mg/L	1.3	NA	32.8	NA	NA	NA	NA	NA	NA	18.9	19.4
CHLORIDE-CL	300	mg/L	4,850	NA	11900	NA	NA	NA	NA	NA	NA	7,150	7,060
NITRATE-N	300	mg/L	0.200 U	NA	1.00 U	NA	NA	NA	NA	NA	NA	0.200 U	0.200 U
NITRITE-N	300	mg/L	1.00 U	NA	4.00 U	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U
SULFATE	300	mg/L	1120	NA	3.51	NA	NA	NA	NA	NA	NA	1,300	1,290
ACETATE	300.0M	mg/L	1.00 U	233	682	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U
BUTYRATE	300.0M	mg/L	1.00 U	7.33	11.8	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U
LACTATE	300.0M	mg/L	1.00 U	1.00 U	2.00 U	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U
PROPIONATE	300.0M	mg/L	1.00 U	113	75.3	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.66	3.57
TOTAL ORGANIC CARBON	5310B	mg/L	1.68	344	468	NA	NA	NA	NA	NA	NA	1.92	1.73
Dissolved Metals													
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.200 U	0.200 U
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.86	3.72
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.08	3.02
Volatile Organic Compounds													
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	0.27 J	1.0 U	1.0 U	1.0 U	1.0 U	0.82 J	0.90 J	0.64 J	0.49 J	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.97	0.65	2.5	2.8	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
2-BUTANONE	8260B	µg/L	10 UJ	93	120	10 UJ	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	5.6 J	6.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	6.9 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	390	450	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 UJ
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	0.27 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	2.7	0.73 J	1.0 U	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	0.72 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	0.27 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**7.7**	2.6	1.2	1.0 J	5.7	**100**	**160**	**140**	**720**	1.0 U	1.0 U

Table 3-6 (continued)

			WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL										
Parameters	**Method**	**Unit**	**IW-70-FSB216 8/27/2008 (65-100)***	**IW-70-FSB216 5/27/2010 (65-100)***	**IW-70-FSB216 9/1/2010 (65-100)***	**MW-70-MNA09 8/27/2008 (64-74)***	**MW-70-MNA09 9/13/2010 (64-74)***	**MW-70-MNA10 8/29/2008 (75-85)***	**MW-70-MNA10 9/22/2010 (75-85)***	**MW-70-MNA12 9/4/2008 (75-85)***	**MW-70-MNA12 9/22/2010 (75-85)***	**MW-70-PMW07A 8/28/2008 (65-75)***	**MW-70-PMW07A (D) 8/28/2008 (65-75)***
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	0.35 J	0.63 J	0.51 J	1.0 U	0.50 J	9.9	5.7	**47**	**20**	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**63**	1.7 J	0.91 J	1.0 J	3.3 J	**510**	**8.8**	**970**	**14**	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.45 J	**23**	**12**	0.50 U	0.50 U	**2.4**	**110**	**2**	**1.6**	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)													
DEHALOCOCCOIDES	qPCR	per Liter	ND[a, b]	1.00E+08	1.00E+07	NA	NA	NA	3.00E+03 J	4.00E+03 U	NA	NA	NA
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	NA	3.00E+06	5.00E+05	NA	NA	NA	3.00E+03	NA	NA	NA	NA
Dissolved Hydrocarbon Gases													
ETHANE	RSK175	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHENE	RSK175	µg/L	2.0 U	0.67 J	0.64 J	2.0 U	2.0 U	0.84 J	46	2.0 U	1.1 J	2.0 U	2.0 U
METHANE	RSK175	µg/L	6.9	17000	20000	14	6200	49	16000	10	340	5.9	5.4

Table 3-6 (continued)

			WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL									
	MW-70-PMW07A	MW-70-PMW07A	MW-70-PMW07B	MW-70-PMW07B	MW-70-PMW07B	MW-70-PMW08A	MW-70-PMW08A	MW-70-PMW08A	MW-70-PMW08B	MW-70-PMW08B	MW-70-PMW08B	MW-70-PMW08B (D)
	5/27/2010	8/31/2010	8/28/2008	5/27/2010	8/31/2010	8/29/2008	5/27/2010	9/1/2010	8/29/2008	5/27/2010	9/1/2010	9/1/2010
Parameters	(65-75)*	(65-75)*	(85-95)*	(85-95)*	(85-95)*	(65-75)*	(65-75)*	(65-75)*	(85-95)*	(85-95)*	(85-95)*	(85-95)*
Wet Chemistry												
TOTAL ALKALINITY	NA	778 J	245	NA	244 J	275	NA	264	280	NA	473	474
TOTAL DISSOLVED SOLIDS	NA	26000	5,310	NA	3280	16,400 J	NA	15600	5,620 J	NA	4710	4600
BROMIDE	NA	31.2	5.18	NA	2.44	23.6	NA	25.7	8.39	NA	6.48	6.41
CHLORIDE-CL	NA	14100	2,320	NA	1420	8260	NA	9000	2,610	NA	2400	2400
NITRATE-N	NA	0.206 J	0.200 U	NA	0.200 U	1.00 U	NA	0.0810 J	0.200 U	NA	0.200 U	0.200 U
NITRITE-N	NA		0.400 U	NA	0.200 U	1.00 U	NA	2.00 U	0.400 U	NA	1.00 U	1.00 U
SULFATE	NA	1370	666	NA	591	1,430	NA	1520	805	NA	342	352
ACETATE	18.8	9.69	1.00 U	9.71	1.14	1.00 U	8.23	1.00 U	1.00 U	9.15	1.00 U	1.00 U
BUTYRATE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
LACTATE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
PROPIONATE	1.09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
HYDROGEN SULFIDE	NA	1.00 U	1.00 U	NA	1.33	1.00 U	NA	1.00 U	1.00 U	NA	1.00 U	1.00 U
TOTAL ORGANIC CARBON	7.32	9.31	1.35	1.52	1.7	1.88	2.54	1.85	1.53	3.14	2.94	3.11
Dissolved Metals												
ARSENIC	NA	1.00 U	0.200 U	NA	0.200 U	0.200 U	NA	1.00 U	0.200 U	NA	0.200 U	0.200 U
IRON	NA	1.00 U	0.742	NA	0.302	2.26	NA	2.65	1.33	NA	4.4	4.54
MANGANESE	NA	3.43	0.87	NA	0.574	3.02	NA	3.3	0.994	NA	1.14	1.16
Volatile Organic Compounds												
1,1,1,2-TETRACHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	1.0 U	1.0 U	0.76 J	0.55 J	0.64 J	1.0 U	0.28 J	0.29 J	0.46 J	0.46 J	0.53 J	0.50 J
1,1-DICHLOROETHENE	0.50 U	0.50 U	1.2	2.5	3.3	0.50 U	0.61	0.63	0.48 J	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U
1,2-DIBROMOETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U
2-CHLOROTOLUENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	11	12	10 UJ	10 U	9.0 J	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U
BENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ
CARBON DISULFIDE	2.3	1.6	1.0 UJ	0.44 J	1.5	1.0 U	0.59 J	1.0 U	0.26 J	4.2	0.80 J	0.77 J
CARBON TETRACHLORIDE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	4.5	2.6	**97**	**550**	**880**	3.6	**140**	**170**	**40**	**12**	**12**	**13**
CIS-1,3-DICHLOROPROPENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-6 (continued)

			WELL NUMBER/ SAMPLING DATE/ SCREEN INTERVAL									
	MW-70-PMW07A	MW-70-PMW07A	MW-70-PMW07B	MW-70-PMW07B	MW-70-PMW07B	MW-70-PMW08A	MW-70-PMW08A	MW-70-PMW08A	MW-70-PMW08B	MW-70-PMW08B	MW-70-PMW08B	MW-70-PMW08B (D)
	5/27/2010	8/31/2010	8/28/2008	5/27/2010	8/31/2010	8/29/2008	5/27/2010	9/1/2010	8/29/2008	5/27/2010	9/1/2010	9/1/2010
Parameters	(65-75)*	(65-75)*	(85-95)*	(85-95)*	(85-95)*	(65-75)*	(65-75)*	(65-75)*	(85-95)*	(85-95)*	(85-95)*	(85-95)*
FREON113	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	0.29 J	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	1.0 U	1.0 U	3.1	5.4	8.8	0.34 J	1.7	2	2.7	8.4	6.8	6.5
TRANS-1,3-DICHLOROPROPENE	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	**5**	4.9 J	**600**	**6.4**	**8.4**	**20**	0.69 J	0.73 J	**220**	2.0 J	2.3 J	2.3 J
TRICHLOROFLUOROMETHANE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	**3.2**	0.50 U	**2**	**1.5**	**1.5**	0.50 U	**11**	**20**	**0.94**	**350**	**330**	**330**
XYLENES (TOTAL)	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)												
DEHALOCOCCOIDES	7.00E+04	7.00E+04	NA	5.00E+03	1.00E+03 J	NA	6.00E+05	3.00E+05	NA	2.00E+07	6.00E+06	7.00E+06
VINYL CHLORIDE REDUCTASE	3.00E+04	6.00E+04	NA	4.00E+03 U	4.00E+03 U	NA	4.00E+04	9.00E+04	NA	2.00E+06	5.00E+05	3.00E+05
Dissolved Hydrocarbon Gases												
ETHANE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHENE	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.95 J	2.0 U	41	29	28
METHANE	2600	4800	35	860	680	9.3	810	860	13	6500	5800	7000

Notes:
(D) - Duplicate Sample
J - estimated value
µg/L - microgram per liter
mg/L milligrams per liter
MTBE - Methyl Tertiary Butyl Ether
NA - not analyzed
ND - not detected
qPCR - Quantitation Polymerase Chain Reaction
U - not detected
UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity
*(70-80) Well Screen Interval - feet below ground surface
Bolded parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.
[a] Not detected: Sample specific quantition limit is 4,000 per liter.

Table 3-7
First Sand Point of Compliance Analytical Results

			Well Number/Sampling Date/Screen Interval											
Parameters	**Method**	**Unit**	**MW-70-11 9/3/2008 (80-100)***	**MW-70-11 8/26/2009 (80-100)***	**MW-70-11 9/14/2010 (80-100)***	**MW-70-16 9/2/2008 (95-105)***	**MW-70-16 9/2/2009 (95-105)***	**MW-70-16 9/17/2010 (95-105)***	**MW-70-35 8/27/2008 (90-100)***	**MW-70-35 9/15/2009 (90-100)***	**MW-70-35 9/17/2010 (90-100)***	**MW-70-POC01 9/4/2008 (80-90)***	**MW-70-POC01 9/15/2009 (80-90)***	**MW-70-POC01 9/17/2010 (80-90)***
Wet Chemistry														
TOTAL ALKALINITY	2320B	mg/L	233	NA	NA	260	NA	NA	275	NA	NA	148	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	1,880	NA	NA	2,830	NA	NA	5,570	NA	NA	710	NA	NA
BROMIDE	300	mg/L	0.652	NA	NA	2.59	NA	NA	1.48	NA	NA	0.373 J	NA	NA
CHLORIDE-CL	300	mg/L	283	NA	NA	1,120	NA	NA	2,810	NA	NA	87.8	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	NA	7.67	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	NA	0.400 U	NA	NA	1.00 U	NA	NA	0.200 U	NA	NA
SULFATE	300	mg/L	517	NA	NA	69.2	NA	NA	605	NA	NA	193	NA	NA
ACETATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
LACTATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	1.07	NA	NA	8.24	NA	NA	2.28	NA	NA	0.549 J	NA	NA
Dissolved Metals														
ARSENIC	6010B	mg/L	0.200 U	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA
IRON	6010B	mg/L	0.325	NA	NA	0.200 U	NA	NA	1.48	NA	NA	0.138 J	NA	NA
MANGANESE	6010B	mg/L	0.257	NA	NA	0.0151 J	NA	NA	0.698	NA	NA	0.135 J	NA	NA
Volatile Organic Compounds														
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 J	0.34 J	0.52 J	1.0 U	1.0U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0UJ	1.0 U
2-BUTANONE	8260B	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	11	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U

Table 3-7 (continued)

			Well Number/Sampling Date/Screen Interval											
Parameters	**Method**	**Unit**	**MW-70-11 9/3/2008 (80-100)***	**MW-70-11 8/26/2009 (80-100)***	**MW-70-11 9/14/2010 (80-100)***	**MW-70-16 9/2/2008 (95-105)***	**MW-70-16 9/2/2009 (95-105)***	**MW-70-16 9/17/2010 (95-105)***	**MW-70-35 8/27/2008 (90-100)***	**MW-70-35 9/15/2009 (90-100)***	**MW-70-35 9/17/2010 (90-100)***	**MW-70-POC01 9/4/2008 (80-90)***	**MW-70-POC01 9/15/2009 (80-90)***	**MW-70-POC01 9/17/2010 (80-90)***
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23J	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.51J	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	1.1	1.2	1.4	1.0 U	1.0 U	1.0 U	1.2	1.3	1.6	1.0 U	1.0U	1.0 U
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0UJ	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0U	1.0 UJ
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0U	1.0 U
TRICHLOROETHENE	8260B	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.45 J	5.0 U	5.0 U	5.0 U	5.0U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0U	2.0 U
Dissolved Hydrocarbon Gases														
ETHANE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
ETHENE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
METHANE	RSK175	µg/L	21	NA	NA	2.0 U	NA	NA	15	NA	NA	4.4	NA	NA

Notes:

*(80-100) Well Screen Interval - feet below ground surface

Bolded parameters are constituents of concern

J - estimated value

µg/L - microgram per liter

mg/L - milligrams per liter

MTBE - methyl tertiary butyl ether

NA - not analyzed

U - not detected

UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity

Table 3-8

Shell Horizon Biobarrier-1 Analytical Results

			Well Number/Sampling Date/Screen Interval														
			IW-70-SHB113	IW-70-SHB113	IW-70-SHB113	IW-70-SHB217	IW-70-SHB217	MW-70-MNA13	MW-70-MNA13	MW-70-PMW09	MW-70-PMW09 (D)	MW-70-PMW09	MW-70-PMW09	MW-70-PMW10	MW-70-PMW10	MW-70-PMW10	MW-70-PMW10 (D)
			8/27/2008	7/1/2010	9/15/2010	8/29/2008	9/23/2010	8/27/2008	9/24/2010	8/27/2008	8/27/2008	7/1/2010	9/15/2010	8/27/2008	7/1/2010	9/15/2010	9/15/2010
Parameters	**Method**	**Unit**	**(105-130)***	**(105-130)***	**(105-130)***	**(105-130)***	**(105-130)***	**(115-125)***	**(115-125)***	**(120-130)***	**(120-130)***	**(120-130)***	**(120-130)***	**(120-130)***	**(120-130)***	**(120-130)***	**(120-130)***
Wet Chemistry																	
TOTAL ALKALINITY	2320B	µg/L	198	NA	748	NA	NA	NA	NA	170	180	NA	177	193	NA	196	196
TOTAL DISSOLVED SOLIDS	2540C	µg/L	1,520	NA	1570	NA	NA	NA	NA	860	920	NA	840	1,550	NA	1310	1320
BROMIDE	300	µg/L	0.500 U	NA	1.00 U	NA	NA	NA	NA	0.301 J	0.316 J	NA	0.810	0.500 U	NA	0.460 J	0.410 J
CHLORIDE-CL	300	µg/L	352	NA	350	NA	NA	NA	NA	190	197	NA	196	351	NA	321	324
NITRATE-N	300	µg/L	0.200 U	NA	0.400 U	NA	NA	NA	NA	0.200 U	0.0608 J	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U
NITRITE-N	300	µg/L	0.200 U	NA	0.400 U	NA	NA	NA	NA	0.200 U	0.200 J	NA	0.200 U	0.200 U	NA	0.200 U	0.200 U
SULFATE	300	µg/L	415	NA	10.0 U	NA	NA	NA	NA	198	209	NA	188	405	NA	370	374
ACETATE	300.0M	µg/L	1.00 U	248	208	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.42	1.00 U	1.00 U
BUTYRATE	300.0M	µg/L	1.00 U	5.89	2.28	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
LACTATE	300.0M	µg/L	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
PROPIONATE	300.0M	µg/L	1.00 U	39.1	21.0	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
HYDROGEN SULFIDE	4500F	µg/L	NA	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U		1.00 U	1.00 U	NA	1.00 U	1.00 U
TOTAL ORGANIC CARBON	5310B	µg/L	1.03	140	110	NA	NA	NA	NA	0.970 J	0.882 J	0.943 J	1.05	1.38	1.20	1.20	1.32
Dissolved Metals																	
ARSENIC	6010B	MG/L	NA	NA	NA	NA	NA	NA	NA	0.00531 J	0.00614 J	NA	0.200 U	0.00582 J	NA	0.200 U	0.200 U
IRON	6010B	MG/L	NA	NA	NA	NA	NA	NA	NA	0.201	0.223	NA	0.433	0.401	NA	0.505	0.494
MANGANESE	6010B	MG/L	NA	NA	NA	NA	NA	NA	NA	0.170 J	0.170 J	NA	0.155 J	0.303	NA	0.263	0.262
Volatile Organic Compounds																	
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	2.1 J	1.0 U	1.0 U	0.51 J	0.82 J	1.0 U	1.0 U	0.61 J	0.62 J	0.85 J	0.72 J	1.8	2.1	1.8	1.6
1,1-DICHLOROETHENE	8260B	µg/L	6	0.50 U	0.50 U	2	5.5	0.47 J	0.72	1.4	1.6	4.9	5.1	4	**7.7**	**12**	**11**
1,1-DICHLOROPROPENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-DICHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	2.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,3-DICHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
2-BUTANONE	8260B	µg/L	50 UJ	9.6 J	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ
2-CHLOROTOLUENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ
4-CHLOROTOLUENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ
4-METHYL-2-PENTANONE	8260B	µg/L	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	50 UJ	27	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ
BENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	10 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	5.0 U	3.1	1.2	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 J	0.23 J	1.0 U	0.58 J	0.26 J	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	2.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	10 U	1.2 J	0.47 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**270**	0.66 J	2.5	**180**	**1000**	**25**	**41**	**130**	**130**	**1300**	**1100 J**	**250**	**980**	**2200**	**2100**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	10 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	5.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U

Table 3-8 (continued)

			Well Number/Sampling Date/Screen Interval														
Parameters	**Method**	**Unit**	**IW-70-SHB113 8/27/2008 (105-130)***	**IW-70-SHB113 7/1/2010 (105-130)***	**IW-70-SHB113 9/15/2010 (105-130)***	**IW-70-SHB217 8/29/2008 (105-130)***	**IW-70-SHB217 9/23/2010 (105-130)***	**MW-70-MNA13 8/27/2008 (115-125)***	**MW-70-MNA13 9/24/2010 (115-125)***	**MW-70-PMW09 8/27/2008 (120-130)***	**MW-70-PMW09 (D) 8/27/2008 (120-130)***	**MW-70-PMW09 7/1/2010 (120-130)***	**MW-70-PMW09 9/15/2010 (120-130)***	**MW-70-PMW10 8/27/2008 (120-130)***	**MW-70-PMW10 7/1/2010 (120-130)***	**MW-70-PMW10 9/15/2010 (120-130)***	**MW-70-PMW10 (D) 9/15/2010 (120-130)***
HEXACHLOROBUTADIENE	8260B	µg/L	5.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ
ISOPROPYL BENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
MTBE	8260B	µg/L	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
N-BUTYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	5.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ
TOLUENE	8260B	µg/L	5.0 U	0.21 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	6.9	9.2	5.5	**48**	**120**	0.90 J	1.4	3.1	3.2	**14**	**14 J**	5.3	**120**	**100**	**100**
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**4,300**	0.52 J	4.1 J	**680**	**45**	**44**	**34**	**510**	**540**	**7.8**	**8.1**	**2,200**	**2200**	**690**	**530**
TRICHLOROFLUOROMETHANE	8260B	µg/L	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	**4.4**	**26**	**3.3**	**1.2**	**3.2**	0.50 U	0.22 J	**1.5**	**1.7**	**2.9**	**2.1**	**4.3**	**5.1**	**3.8**	**3.5**
XYLENES (TOTAL)	8260B	µg/L	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides (Dhc)/Vinyl Chloride Reductase (vcrA)																	
DEHALOCOCCOIDES	qPCR	per Liter	7,000	3.00E+09	1.00E+08	NA	4.00E+03 U	NA	NA	NA	NA	4.00E+03 U	4.00E+03 U	NA	6.00E+02 J	4.00E+02 J	5.00E+02 J
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	Detected[a]	2.00E+09	9.00E+07	NA	4.00E+03 U	NA	NA	NA	NA	NA	4.00E+03 U	NA	2.00E+03 J	4.00E+03 U	4.00E+03 U
Dissolved Hydrocarbon Gases																	
ETHANE	RSK175	µg/L	0.65 J	1.3 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.79 J	0.81 J	0.87 J
ETHENE	RSK175	µg/L	2.0 U	120	29 UJ	3	2.3	0.76 J	2.0 U	0.97 J	1.0 J	1.5 J	1.1 J	2	1.4 J	1.2 J	1.2 J
METHANE	RSK175	µg/L	18	23000	23000	12	110	22	990	280	260	22	23	460	27	25 UJ	25

Notes:
D - duplicate sample
J - estimated value
µg/L - microgram
mg/L - milligrams per liter
MTBE - Methyl Tertiary Butyl Ether
NA - not analyzed
ND - not detected
qPCR - Quantitation Polymerase Chain Reaction
U - not detected
UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity
*(105-130) Well Screen Interval - feet below ground surface
[a] vcrA detected but below specific quantitation limit. The sample specific quantitation limit is 4000 per liter.
Bolded parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.

Table 3-9
Shell Horizon Biobarrier-3 Analytical Results

			Well Number/Sampling Date/Screen Intervals																					
Parameters	Method	Unit	IW-70-SHB310 8/28/2008 (80-95/105-130)*	IW-70-SHB310 10/13/2009 (80-95/105-130)*	IW-70-SHB310 8/31/2010 (80-95/105-130)*	MW-70-MNA14 9/4/2008 (115-125)*	MW-70-MNA14 8/31/2009 (115-125)*	MW-70-MNA14 9/22/2010 (115-125)*	MW-70-PMW11A 8/29/2008 (85-95)*	MW-70-PMW11A 9/8/2009 (85-95)*	MW-70-PMW11A (D) 9/8/2009 (85-95)*	MW-70-PMW11A 9/9/2010 (85-95)*	MW-70-PMW11B 8/29/2008 (115-125)*	MW-70-PMW11B 9/8/2009 (115-125)*	MW-70-PMW11B 9/9/2010 (115-125)*	MW-70-PMW12A 9/2/2008 (85-95)*	MW-70-PMW12A 9/17/2009 (85-95)*	MW-70-PMW12A 3/17/2010 (85-95)*	MW-70-PMW12A 9/16/2010 (85-95)*	MW-70-PMW12B 9/2/2008 (115-125)*	MW-70-PMW12B 9/8/2009 (115-125)*	MW-70-PMW12B 3/17/2010 (115-125)*	MW-70-PMW12B 9/16/2010 (115-125)*	MW-70-PMW12B (D) 9/16/2010 (115-125)*
Wet Chemistry																								
TOTAL ALKALINITY	2320B	mg/L	210	325	754 J	NA	NA	NA	158	148	148	224	200	210	220	163	180	NA	186	198	809	NA	372	373
TOTAL DISSOLVED SOLIDS	2540C	mg/L	3,890	7260	13700	NA	NA	NA	6,720 J	4260	4070	33800	2,820 J	3740	4350	2,970	2480	NA	3200	2,930	3550	NA	3590	3700
BROMIDE	300.0	mg/L	3.47	25.0 U	23.0	NA	NA	NA	11.7	7.26	7.08	55.7	3.86	5.52	5.12	3.63	3.89	NA	5.32	2.56	4.71	NA	5.56	5.82
CHLORIDE-CL	300.0	mg/L	1,580	2890	5860	NA	NA	NA	3,470	2100	2030	18800	1,240	1600	1820	1,460	1160	NA	1600	1,260	1430	NA	1640	1630
NITRATE-N	300.0	mg/L	0.200 U	10.0 U	0.400 U	NA	NA	NA	0.200 U	0.105 J	0.0991 J	4.00 U	0.200 U	0.0868 J	0.200 U	0.200 U	0.200 U	NA	0.200 U	0.200 U	0.131 J	NA	0.200 U	0.200 U
NITRITE-N	300.0	mg/L	0.400 U	10.0 U	1.00 U	NA	NA	NA	0.400 U	0.200 U	0.200 U	4.00 U	0.200 U	0.200 U	0.400 U	0.400 U	0.200 U	NA	0.200 U	0.400 U	0.200 U	NA	0.400 U	0.400 U
SULFATE	300.0	mg/L	453	183	347	NA	NA	NA	524	310	302	2760	440	493	542	207	139	NA	182	393	3.10	NA	354	349
ACETATE	300.0M	mg/L	1.00 U	662	1960	NA	NA	NA	1.55	2.19	2.36	0.740 J	2.93	2.94	1.00 U	1.00 U	3.43	1.35	1.00 U	1.00 U	25.7	1.11	1.38	1.00 U
BUTYRATE	300.0M	mg/L	1.00 U	126	427	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
LACTATE	300.0M	mg/L	1.00 U	10.0 U	10.0 U	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.750 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
PROPIONATE	300.0M	mg/L	1.00 U	491	685	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	25.8	1.00 U	1.00 U	1.00 U
PH	4500HB	mg/L	NA	5.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	1.00 U	1.00 U	1.00 U	NA	1.00 U	1.00 U
TOTAL ORGANIC CARBON	5310B	mg/L	1.8	769	2080	NA	NA	NA	0.953 J	1.41	1.37	1.61	1.38	2.00	2.06	1.23	1.05	7.11	1.32	1.67	27.7	2.48	2.39	2.47
Metals																								
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	0.200 U	0.200 U	0.200 U	1.00 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	0.200 U	0.200 U	0.0212 J	NA	0.0182 J	0.0181 J
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	2.46	1.28	1.30	6.48	1.25	1.23	1.22	0.581	0.643	NA	1.93	1.36	13.6	NA	17.2	17.3
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	1.24	0.691	0.713	6.48	0.369	0.311	0.375	0.632	0.494	NA	0.762	0.365	0.973	NA	0.728	0.735
Volatile Organic Compounds																								
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	0.50 J	250 U	0.31 J	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U	1.0 U	0.44 J	0.62 J	0.48 J	1.0 U	1.0 U	1.0 U	1.0 U	0.46 J	0.30 J	0.26 J	0.34 J	0.34 J
1,1-DICHLOROETHENE	8260B	µg/L	1.7	**120 U**	0.50 U	0.50 U	0.50 U	0.50 U	0.68	0.83	0.84	0.50 U	1.1	1.7	2.4	0.56	0.50 U	0.50 U	0.50 U	1.2	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	120 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 UJ	250 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	2500 U	250	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	6.9 J	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	2500 U	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	2500 U	370	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	5.2 J	10 U	10 UJ	7.1 J	10 U	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 UJ	250 U	17	1.0 U	1.0 U	1.0 U	0.56 J	1.0 U	1.0 U	1.0 U	0.68 J	1.0 U	1.2 U	1	0.28 J	0.30 J	0.37 J	0.51 J	1.7	1.0 U	0.57 J	0.56 J
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	120 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	**250 U**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**300**	**110 J**	**210**	0.85 J	4.3	**14**	**37**	**75**	**78**	0.82 J	**70**	**140**	**610**	**39**	**6.2**	**13**	0.59 J	**96**	**37**	4.9	2.5 J	2.4 J
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-9 (continued)

			Well Number/Sampling Date/Screen Intervals																					
Parameters	**Method**	**Unit**	**IW-70-SHB310 8/28/2008 (80-95/105-130)***	**IW-70-SHB310 10/13/2009 (80-95/105-130)***	**IW-70-SHB310 8/31/2010 (80-95/105-130)***	**MW-70-MNA14 9/4/2008 (115-125)***	**MW-70-MNA14 8/31/2009 (115-125)***	**MW-70-MNA14 9/22/2010 (115-125)***	**MW-70-PMW11A 8/29/2008 (85-95)***	**MW-70-PMW11A 9/8/2009 (85-95)***	**MW-70-PMW11A (D) 9/8/2009 (85-95)***	**MW-70-PMW11A 9/9/2010 (85-95)***	**MW-70-PMW11B 8/29/2008 (115-125)***	**MW-70-PMW11B 9/8/2009 (115-125)***	**MW-70-PMW11B 9/9/2010 (115-125)***	**MW-70-PMW12A 9/2/2008 (85-95)***	**MW-70-PMW12A 9/17/2009 (85-95)***	**MW-70-PMW12A 3/17/2010 (85-95)***	**MW-70-PMW12A 9/16/2010 (85-95)***	**MW-70-PMW12B 9/2/2008 (115-125)***	**MW-70-PMW12B 9/8/2009 (115-125)***	**MW-70-PMW12B 3/17/2010 (115-125)***	**MW-70-PMW12B 9/16/2010 (115-125)***	**MW-70-PMW12B (D) 9/16/2010 (115-125)***
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	**250 U**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	250 U	0.36 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	**60**	**250 U**	**17**	1.0 U	1.0 U	1.0 U	4.4	**21**	**20**	1.0 U	**41**	**66**	**57**	5.6	6.4	**15**	5.4	**41**	**35**	**34**	**45**	**45**
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**580**	**1200 U**	**18**	0.99 J	0.35 J	0.58 J	**160**	**260**	**260**	0.50 J	**500**	**950**	**9.6**	**170**	2.8 J	1.7 J	1.1 J	**870**	4.1 J	**7.6**	4.7 J	4.8 J
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	500 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	**1.9**	**69 J**	**15**	0.50 U	0.50 U	0.25 J	0.47 J	**1.4**	**1.5**	0.34 J	**1.3**	**2.0**	**120**	**3.5**	**51**	**150**	**53**	**1.2**	**430**	**270**	**99**	**99**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides/Vinyl Chloride Reductase																								
DEHALOCOCCOIDES	qPCR	per Lite	ND[a]	3.00E+05	1.00E+04 U	NA	NA	4.00E+03 U	NA	NA	NA	NA	NA	NA	NA	NA	2E+06	5.00E+06	4.00E+04	NA	1.00E+08	7.00E+05	5.00E+04	7.00E+04
VINYL CHLORIDE REDUCTASE	qPCR	per Lite	NA	1.00E+05	1.00E+04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7E+03 U	4.00E+03 U	7.00E+03	NA	4.00E+03 U	1.00E+05	8.00E+04	1.00E+05
Dissolved Hydrocarbon Gasses																								
ETHANE	RSK-175	µg/L	2.0 U	6.2	1.7 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.7 J	1.7 J
ETHENE	RSK-175	µg/L	1.5 J	20	2.7	4.5	2.8	2.4	0.73 J	2.0 U	0.70 J	2.0 U	0.98 J	2.0 U	1.7 J	0.63 J	2.0 U	3.4	3.7	2.0 U	2.1	44	71	74
METHANE	RSK-175	µg/L	28	13000	8500	140	37	27	26	370	360	650	10	12	30	9.2	4700	6400	11000	9.2	23000	26000	15000	13000

Notes:

*(115-125) Well Screen Interval - feet below ground surface

Bold parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.

D - duplicate sample

J - estimated value

µg/L - micrograms per liter

mg /L - milligrams per liter

MTBE - methyl tertiary butyl ether

NA - not analyzed

qPCR - quantitation polymerase chain reaction

U - not detected

[a] Not detected: Sample specific quantition limit is 4,000 per liter.

Table 3-10
Shell Horizon Point of Compliance Analytical Results

			Well Number/Sampling Date/Screen Interval		
Parameters	**Method**	**Unit**	**MW-70-23 8/28/2008 (110-130)***	**MW-70-23 9/15/2009 (110-130)***	**MW-70-23 9/17/2010 (110-130)***
Wet Chemistry					
TOTAL ALKALINITY	2320B	mg/L	168	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	2,200	NA	NA
BROMIDE	300	mg/L	0.500 U	NA	NA
CHLORIDE-CL	300	mg/L	518	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	NA
SULFATE	300	mg/L	533	NA	NA
ACETATE	300.0M	mg/L	1.00 U	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	NA	NA
LACTATE	300.0M	mg/L	1.00 U	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	0.585 J	NA	NA
Dissolved Metals					
ARSENIC	6010B	mg/L	0.200 U	NA	NA
IRON	6010B	mg/L	0.323	NA	NA
MANGANESE	6010B	mg/L	0.242	NA	NA
Volatile Organic Compounds					
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 UJ	1.0 UJ	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	16	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U

Table 3-10 (continued)

			Well Number/Sampling Date/Screen Interval		
Parameters	**Method**	**Unit**	**MW-70-23 8/28/2008 (110-130)***	**MW-70-23 9/15/2009 (110-130)***	**MW-70-23 9/17/2010 (110-130)***
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 UJ	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	0.25 J	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 UJ	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 UJ
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U
MTBE	8260B	µg/L	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	5.0 U	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U
Dissolved Hydrocarbon Gases					
ETHANE	RSK175	µg/L	2.0 U	NA	NA
ETHENE	RSK175	µg/L	2.0 U	NA	NA
METHANE	RSK175	µg/L	8.3	NA	NA

Notes:
*(110-130) Well Screen Interval - feet below ground
Bolded parameters are constituents of
J - estimated value
µg/L - micrograms per liter
mg/L - milligrams per liter
MTBE - methyl tertiary butyl ether
NA - not analyzed
U - not detected
UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity

Table 3-11
Second Sand Biobarrier-1 Analytical Results

			Well Number/Sampling Date/Screen Interval																		
			IW-70-SSB109	IW-70-SSB109 (D)	IW-70-SSB109	IW-70-SSB109	IW-70-SSB109	MW-70-14	MW-70-14	MW-70-14	MW-70-15	MW-70-15	MW-70-15	MW-70-43B	MW-70-43B	MW-70-MNA15	MW-70-MNA15	MW-70-MNA15	MW-70-MNA16	MW-70-MNA16	MW-70-MNA16
			8/28/2008	8/28/2008	9/3/2009	3/16/2010	9/20/2010	9/9/2009	1/4/2010	9/28/2010	9/2/2008	9/2/2009	9/24/2010	9/2/2009	9/22/2010	9/4/2008	8/26/2009	9/23/2010	8/29/2008	8/31/2009	9/23/2010
Parameters	**Method**	**Unit**	(126-166)*	(126-166)*	(126-166)*	(126-166)*	(126-166)*	(161-171)*	(161-171)*	(161-171)*	(161-171)*	(161-171)*	(161-171)*	(136-146)*	(136-146)*	(140-150)*	(140-150)*	(140-150)*	(141-151)*	(141-151)*	(141-151)*
Wet Chemistry																					
TOTAL ALKALINITY	2320B	mg/L	183	178	629	NA	693	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	10,000	9,980	11900	NA	8040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BROMIDE	300.0	mg/L	3.5	1.70 J	13.5	NA	11.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLORIDE-CL	300.0	mg/L	4,940	4,910	3770	NA	4330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRATE-N	300.0	mg/L	0.200 U	0.200 U	0.118 J	NA	0.0537 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NITRITE-N	300.0	mg/L	1.00 U	1.00 U	0.200 U	NA	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFATE	300.0	mg/L	719	711	0.875 U	NA	0.499 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETATE	300.0M	mg/L	1.00 U	1.00 U	303	7.92	15.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	1.00 U	358	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LACTATE	300.0M	mg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	1.00 U	363	129	7.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	1.28	1.29	1110	309	121	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																					
ARSENIC	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	6010B	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																					
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 J	0.28 J	0.49 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.31 J	0.74 J	1	0.25 J	0.29 J	0.42 J
1,1-DICHLOROETHENE	8260B	µg/L	0.58	0.63	4.7	0.50 U	0.50 U	0.80	0.52	1.5	0.50 U	0.50 U	0.50 U	0.50 U	0.21 J	1.6	2.6	3.3	4.1	4.7	3.9
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 UJ	110	83	27	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	12	17	8.1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	33	32	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 UJ	190 J	360	240	10 U	10 U	10 U	10 UJ	10 U	5.1 J	10 U	6.5 J	10 UJ	10 U	10 U	10 UJ	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 UJ	1.0 UJ	200	1.1	0.77 J	1.0 UJ	0.64 J	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	0.56 J	0.41 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	**39**	**44**	**110**	**40**	1.4	**32**	**22**	**280**	2	2.7	4.2	1.0 U	**9**	**120**	**150**	**320**	**1,100**	**1,000**	**670**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL TERTIARY BUTYL ETHER	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.33 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	**12**	**14**	8.3	6.0	2.5	**18**	1.0 U	**23**	1.0 U	1.0 U	1.0 U	1.0 U	2.5	**17**	**39**	**84**	**39**	**47**	**54**
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	**300**	**310**	**12**	1.2 J	0.40 J	**530**	**210**	**260**	1.6 J	**6.9**	**14**	5.0 U	**37**	**540**	**930**	**1200**	**140 J**	**460**	**510**
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.34 J	0.31	**94**	**13**	**5.3**	**1.5**	**0.65**	**1.1**	0.50 U	0.50 U	0.50 U	0.50 U	0.43 J	0.50 U	**3.2**	**5.3**	**8.3**	**14**	**9.7**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.33 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides/Vinyl Chloride Reductase																					
DEHALOCOCCOIDES	qPCR	per Liter	5.00E+03	ND	1.00E+04	2.00E+06	1.00E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.00E+03 U	NA	NA	2.00E+06
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	2.00E+03 J	NA	2.00E+04 U	2.00E+06	2.00E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00E+07
Dissolved Hydrocarbon Gasses																					
ETHANE	RSK-175	µg/L	2.0 U	2.0 U	0.61 J	2.0 U	0.76 J	2.0 U	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHENE	RSK-175	µg/L	1.6 J	1.7	1.6 J	0.69 J	1.4 J	2.0 U	NA	NA	2.0 U	2.0 U	2.0 U	2.0 U	NA	2.0 U	2.0 U	2.0 U	2.0 U	0.82 J	0.90 J
METHANE	RSK-175	µg/L	9.5	9.4	13000	9500	16000	6.9	NA	NA	12	8.7	10	7.0	NA	18	27	2100	6.2	7.9	7.6

Table 3-11 (continued)

Parameters	Method	Unit	MW-70-MNA17 8/29/2008 (140-150)*	MW-70-MNA17 9/1/2009 (140-150)*	MW-70-MNA17 9/23/2010 (140-150)*	MW-70-PMW13A 9/3/2008 (125-135)*	MW-70-PMW13A 9/1/2009 (125-135)*	MW-70-PMW13A 9/9/2010 (125-135)*	MW-70-PMW13B 9/3/2008 (145-155)*	MW-70-PMW13B 9/1/2009 (145-155)*	MW-70-PMW13B 9/9/2010 (145-155)*	MW-70-PMW14A 9/3/2008 (128-138)*	MW-70-PMW14A 9/16/2009 (128-138)*	MW-70-PMW14A 3/16/2010 (128-138)*	MW-70-PMW14A 9/20/2010 (128-138)*	MW-70-PMW14B 9/3/2008 (149-159)*	MW-70-PMW14B 9/3/2009 (149-159)*	MW-70-PMW14B (D) 9/3/2009 (149-159)*	MW-70-PMW14B 3/16/2010 (149-159)*	MW-70-PMW14B 9/23/2010 (149-159)*	MW-70-PMW14B (D) 9/23/2010 (149-159)*
			Well Number/Sampling Date/Screen Interval																		
Wet Chemistry																					
TOTAL ALKALINITY	2320B	mg/L	NA	NA	NA	225	217	205	205	205	207	193	242	NA	215	208	641	654	NA	310	310
TOTAL DISSOLVED SOLIDS	2540C	mg/L	NA	NA	NA	3,660	5040	4770	8,270	7840	7680	3,820	4390	NA	4110	735	9640	9980	NA	6780	6600
BROMIDE	300.0	mg/L	NA	NA	NA	3.3	8.04	5.03	11.6	11.8	11.7	4.58	6.94	NA	7.62	9.51	14.2	14.8	NA	10.6	10.7
CHLORIDE-CL	300.0	mg/L	NA	NA	NA	1,610	2320	2200	3,780	3380	4060	1,480	2000	NA	1890	3,190	3790	4120	NA	3770	3750
NITRATE-N	300.0	mg/L	NA	NA	NA	0.200 U	0.121 J	0.200 U	0.200 U	0.146 J	0.200 U	0.200 U	0.200 U	NA	0.200 U	0.200 U	0.0896 J	0.0768 J	NA	0.200 U	0.200 U
NITRITE-N	300.0	mg/L	NA	NA	NA	0.400 U	1.00 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	0.400 U	NA	1.00 U	1.00 U	0.200 U	0.200 U	NA	1.00 U	1.00 U
SULFATE	300.0	mg/L	NA	NA	NA	345	450	486	634	609	742	383	373	NA	435	544	176	183	NA	691	684
ACETATE	300.0M	mg/L	NA	NA	NA	1.00 U	1.67	1.00 U	1.00 U	1.37	1.00 U	1.00 U	1.43	0.530 J	1.00 U	1.00 U	1.34	1.02	9.87	1.00 U	1.00 U
BUTYRATE	300.0M	mg/L	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
LACTATE	300.0M	mg/L	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.750 J	1.00 U	1.00 U
PROPIONATE	300.0M	mg/L	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
HYDROGEN SULFIDE	4500F	mg/L	NA	NA	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	NA	1.00 U	1.00 U	1.01	1.05	NA	1.00 U	1.00 U
TOTAL ORGANIC CARBON	5310B	mg/L	NA	NA	NA	1.87	2.26	1.97	1.65	1.78	1.74	2.08	3.59	6.36	3.49	1.72	5.91	5.48	3.16	3.24	2.95
Metals																					
ARSENIC	6010B	mg/L	NA	NA	NA	0.200 U	0.00566 J	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	NA	0.00516 J	0.0123 J	0.00692 J	0.00752 J	NA	0.200 U	0.200 U
IRON	6010B	mg/L	NA	NA	NA	0.831	1.33	1.97	3.42	3.01	1.95	3.01	2.53	NA	3.94	3.11	15.0	15.6	NA	10.5	10.5
MANGANESE	6010B	mg/L	NA	NA	NA	0.492	0.532	0.475	0.647	0.545	0.524	2.19	0.706	NA	0.609	1.07	1.45	1.52	NA	1.11	1.11
Volatile Organic Compounds																					
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	0.26 J	0.35 J	0.28 J	0.56 J	0.85 J	0.59 J	0.33 J	0.33 J	1.0 U	0.45 J	0.58 J	0.33 J	0.35 J	0.20 J	0.61 J	0.62 J
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	1.1	1.9	3.7	2.4	2.8	3.1	2.1	2.2	0.22 J	1.9	2.1	1.6	1.9	1.5	2.6	3.1
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	5.6 J	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.3 J	1.0 U	1.0 U	0.23 J	2.2	2.2	1.0 U	0.46 J	1.0 U	1.0 U	0.52 J	1.3	1.0 U	0.35 J	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	0.79 J	1.4	**7.2**	**63**	**75**	**150**	**180**	**360**	**270**	**180**	**320**	**35**	**630**	**130**	**630**	**590**	**310**	**600**	**600**
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL TERTIARY BUTYL ETHER	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	0.42 J	3.3	**18**	**58**	**110**	**38**	**99**	**66**	**23**	**73**	7	**61**	**28**	**29**	**32**	**14**	**47**	**48**
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	0.21 J	2.4 J	**20**	**320**	**370**	**490 J**	**900**	**1100**	**1300**	**1,100**	**180 J**	**6.6**	**14**	**530**	**17**	**16**	**7.9**	**17**	**18**
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.27 J	**410**	**460**	**350**	**2.9**	**59**	**10**	**5.8**	**730**	**70**	**340**	**2**	**4.9**	**5.1**	**28**	**430**	**420**
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dehalococcoides/Vinyl Chloride Reductase																					1
DEHALOCOCCOIDES	qPCR	per Liter	NA	NA	4.00E+03 U	NA	NA	NA	NA	NA	NA	NA	5.00E+05	9.00E+05	3.00E+05	NA	4.00E+03 U	5.00E+02	4.00E+03 U	2.00E+04	2.00E+04
VINYL CHLORIDE REDUCTASE	qPCR	per Liter	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.00E+03 U	8.00E+03 U	4.00E+03 U	NA	4.00E+03 U	4.00E+03 U	NA	4.00E+03 U	4.00E+03 U
Dissolved Hydrocarbon Gasses																					
ETHANE	RSK-175	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.88 J	2.0 U	2.0 U	2.0 U	2.8	2.5
ETHENE	RSK-175	µg/L	2.0 U	0.71 J	2.0 U	18	18	5.1	2.4	2.1	0.76 J	1.7 J	12	2	8.4	5.9	2.9	2.5	3.8	19	18
METHANE	RSK-175	µg/L	7.9	8.2	130	680	350	55	16	13	20	8.8	33	220	3300	12	17000	18000	18000	22000	29000

Table 3-11 (continued)

Notes:
*feet below ground level
Bolded parameters are constituents of concern and bolded values are above target cleanup goals or federal/state primary maximum contaminant limits.
D - duplicate sample
J - estimated value
µg/L - micrograms per liter
mg /L - milligrams per liter
NA - not analyzed
ND - not detected
qPCR - quantitation polymerase chain reaction
U - not detected

Table 3-12
Second Sand Point of Compliance Analytical Results

			Well Number/SamplingDate/Screen Interval									
Parameters	**Method**	**Unit**	**MW-70-21 9/3/2008 (150-170)***	**MW-70-21 9/17/2009 (150-170)***	**MW-70-21 9/24/2010 (150-170)***	**MW-70-23 8/28/2008 (110-130)***	**MW-70-23 9/15/2009 (110-130)***	**MW-70-23 9/17/2010 (110-130)***	**MW-70-36 9/2/2008 (150-160)***	**MW-70-36 8/31/2009 (150-160)***	**MW-70-36 9/24/2010 (150-160)***	**MW-70-36 (D) 9/24/2010 (150-160)***
Wet Chemistry												
TOTAL ALKALINITY	2320B	mg/L	178	NA	NA	168	NA	NA	180	NA	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	18,300	NA	NA	2,200	NA	NA	9,840	NA	NA	NA
BROMIDE	300	mg/L	27.9	NA	NA	0.500 U	NA	NA	14.4	NA	NA	NA
CHLORIDE-CL	300	mg/L	8,740	NA	NA	518	NA	NA	5,080	NA	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA	NA
NITRITE-N	300	mg/L	1.00 U	NA	NA	0.200 U	NA	NA	1.00 U	NA	NA	NA
SULFATE	300	mg/L	1190	NA	NA	533	NA	NA	771	NA	NA	NA
ACETATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	NA
LACTATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	1.23	NA	NA	0.585 J	NA	NA	1.57	NA	NA	NA
Dissolved Metals												
ARSENIC	6010B	mg/L	0.00624 J	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA	NA
IRON	6010B	mg/L	1.42	NA	NA	0.323	NA	NA	0.751	NA	NA	NA
MANGANESE	6010B	mg/L	0.59	NA	NA	0.242	NA	NA	0.978	NA	NA	NA
Volatile Organic Compounds												
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-12 (continued)

			Well Number/SamplingDate/Screen Interval									
Parameters	**Method**	**Unit**	**MW-70-21 9/3/2008 (150-170)***	**MW-70-21 9/17/2009 (150-170)***	**MW-70-21 9/24/2010 (150-170)***	**MW-70-23 8/28/2008 (110-130)***	**MW-70-23 9/15/2009 (110-130)***	**MW-70-23 9/17/2010 (110-130)***	**MW-70-36 9/2/2008 (150-160)***	**MW-70-36 8/31/2009 (150-160)***	**MW-70-36 9/24/2010 (150-160)***	**MW-70-36 (D) 9/24/2010 (150-160)***
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 UJ	16	10 U	10 UJ	10 U	10 U	10 U
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	0.25 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 J	0.48 J	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL TERTIARY BUTYL ETHER	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.4	**30**	2.7	3
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.74 J	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Table 3-12 (continued)

			Well Number/SamplingDate/Screen Interval									
Parameters	**Method**	**Unit**	**MW-70-21 9/3/2008 (150-170)***	**MW-70-21 9/17/2009 (150-170)***	**MW-70-21 9/24/2010 (150-170)***	**MW-70-23 8/28/2008 (110-130)***	**MW-70-23 9/15/2009 (110-130)***	**MW-70-23 9/17/2010 (110-130)***	**MW-70-36 9/2/2008 (150-160)***	**MW-70-36 8/31/2009 (150-160)***	**MW-70-36 9/24/2010 (150-160)***	**MW-70-36 (D) 9/24/2010 (150-160)***
Dissolved Hydrocarbon Gases												
ETHANE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA	NA
ETHENE	RSK175	µg/L	2.0 U	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA	NA
METHANE	RSK175	µg/L	4.8	NA	NA	8.3	NA	NA	10	NA	NA	NA

Notes:

*(150-170) Well Screen Interval - feet below ground surface

Bolded parameters are constituents of concern and bolded values are above target cleanup goals for federal/state primary maximum contaminant limits.

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NA - not analyzed

U - not detected

UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity

Table 3-13
Deep Sand Point of Compliance Analytical Results

			Well Number/Sampling Date/Screen Intervals									
Parameters	**Method**	**Unit**	**MW-70-POC02 9/4/2008 (190-200)***	**MW-70-POC02 9/15/2009 (190-200)***	**MW-70-POC02 9/27/2010 (190-200)***	**MW-70-POC02 (D) 9/27/2010 (190-200)***	**MW-70-POC03 9/2/2008 (190-200)***	**MW-70-POC03 9/15/2009 (190-200)***	**MW-70-POC03 9/27/2010 (190-200)***	**MW-70-POC04 10/14/2008 (195-205)***	**MW-70-POC04 9/1/2009 (195-205)***	**MW-70-POC04 9/24/2010 (195-205)***
Wet Chemistry												
TOTAL ALKALINITY	2320B	mg/L	203	NA	NA	NA	138	NA	NA	198	NA	NA
TOTAL DISSOLVED SOLIDS	2540C	mg/L	605	NA	NA	NA	4,500	NA	NA	20,600	NA	NA
BROMIDE	300	mg/L	0.53	NA	NA	NA	6.73	NA	NA	38.4	NA	NA
CHLORIDE-CL	300	mg/L	174	NA	NA	NA	2,190	NA	NA	11,900	NA	NA
NITRATE-N	300	mg/L	0.200 U	NA	NA	NA	0.200 U	NA	NA	0.0915 J	NA	NA
NITRITE-N	300	mg/L	0.200 U	NA	NA	NA	0.400 U	NA	NA	1.00 U	NA	NA
SULFATE	300	mg/L	64	NA	NA	NA	397	NA	NA	1,650	NA	NA
ACETATE	300.0M	mg/L	1.00 U	NA	NA	NA	1.00 U	NA	NA	9.34	NA	NA
BUTYRATE	300.0M	mg/L	1.00 U	NA	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
LACTATE	300.0M	mg/L	1.00 U	NA	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
PROPIONATE	300.0M	mg/L	1.00 U	NA	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
HYDROGEN SULFIDE	4500F	mg/L	1.00 U	NA	NA	NA	1.00 U	NA	NA	1.00 U	NA	NA
TOTAL ORGANIC CARBON	5310B	mg/L	0.630 J	NA	NA	NA	1.09	NA	NA	2.75	NA	NA
Dissolved Metals												
ARSENIC	6010B	mg/L	0.200 U	NA	NA	NA	0.200 U	NA	NA	0.200 U	NA	NA
IRON	6010B	mg/L	0.282	NA	NA	NA	0.555	NA	NA	4.11	NA	NA
MANGANESE	6010B	mg/L	0.0577 J	NA	NA	NA	0.668	NA	NA	2.1	NA	NA
Volatile Organic Compounds												
1,1,1,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-TETRACHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHENE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-TRICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DIBROMO-3-CHLOROPROPANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-DIBROMOETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-TRIMETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-DICHLOROPROPANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-BUTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
2-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-METHYL-2-PENTANONE	8260B	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	8260B	µg/L	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	7.1 J
BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CARBON DISULFIDE	8260B	µg/L	1.0 U	0.27 J	1.0 U	0.31 J	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CARBON TETRACHLORIDE	8260B	µg/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 3-13 (continued)

			Well Number/Sampling Date/Screen Intervals									
Parameters	**Method**	**Unit**	**MW-70-POC02 9/4/2008 (190-200)***	**MW-70-POC02 9/15/2009 (190-200)***	**MW-70-POC02 9/27/2010 (190-200)***	**MW-70-POC02 (D) 9/27/2010 (190-200)***	**MW-70-POC03 9/2/2008 (190-200)***	**MW-70-POC03 9/15/2009 (190-200)***	**MW-70-POC03 9/27/2010 (190-200)***	**MW-70-POC04 10/14/2008 (195-205)***	**MW-70-POC04 9/1/2009 (195-205)***	**MW-70-POC04 9/24/2010 (195-205)***
CHLOROBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CHLOROFORM	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CHLOROMETHANE	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CIS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOCHLOROMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DIBROMOMETHANE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U
ETHYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
FREON113	8260B	µg/L	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
HEXACHLOROBUTADIENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ISOPROPYL BENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
M/P-XYLENES	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL TERTIARY BUTYL ETHER	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-PROPYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-XYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
P-ISOPROPYLTOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SEC-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
STYRENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TERT-BUTYLBENZENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J	1.5	4
TRANS-1,2-DICHLOROETHENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,3-DICHLOROPROPENE	8260B	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHENE	8260B	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	8260B	µg/L	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U
VINYL CHLORIDE	8260B	µg/L	0.50 U	0.31 J	0.20 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
XYLENES (TOTAL)	8260B	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dissolved Hydrocarbon Gases												
ETHANE	RSK175	µg/L	2.0 U	NA	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
ETHENE	RSK175	µg/L	2.0 U	NA	NA	NA	2.0 U	NA	NA	2.0 U	NA	NA
METHANE	RSK175	µg/L	2.7	NA	NA	NA	5.5	NA	NA	5.2	NA	NA

Notes:

*(190-200) Well Screen Interval - feet below ground surface

Bolded parameters are constituents of concern

J - estimated value

µg/L - microgram per liter

mg/L - milligrams per liter

NA - not analyzed

U - not detected

UJ -analyte not reported above the detection limit; the sample quantiation limit is an estimated quantity

Table 3-14
Source Area Treatment Grid Upper Fines
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/ Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
IW-70-SAT03 (25-55)*	9/30/2010	4350	4.00 U	2140	1460	2230
IW-70-SAT16 (25-55)*	9/29/2010	2910	2.00 U	1390	1680	3850
IW-70-SAT16-DUP (25-55)*	9/29/2010	2890	2.00 U	1390	1590	3490
IW-70-SAT31 (25-55)*	9/29/2010	3110	4.00 U	1050	643	4780
IW-70-SAT35 (25-55)*	9/29/2010	1220	2.00 U	2.00 U	175	2830
IW-70-SAT36 (25-55)*	9/29/2010	2180	4.00 U	277	717	4120
IW-70-SAT45 (25-55)*	9/29/2010	258	3.19	16.8	45.4	630
IW-70-SAT46 (25-55)*	9/29/2010	1590	2.00 U	374	184	3490
IW-70-SAT50 (25-55)*	9/28/2010	205	1.03	11.5	25.8	456
MW-70-27 (26-36)*	8/21/2008 9/13/2010	4.1 5.36	1.00 U 1.00 U	1.00 U 1.00 U	1.00 U 1.00 U	0.548 J 1.00 U
MW-70-28 (50-60)*	8/21/2008 9/13/2010	2.08 U 11.6	1.00 U 1.00 U	1.00 U 1.00 U	1.00 U 1.00 U	0.550 J 10.2
MW-70-PMW01A (25-35)* MW-70-PMW01A-DUP	8/20/2008 9/3/2010 9/3/2010	2.72 U 910 915	1.00 U 1.00 U 1.00 U	1.00 U 57.3 53.6	1.00 U 546 565	1.00 U 832 845
MW-70-PMW01B (45-55)*	8/20/2008 9/3/2010	1.60 U 67.5	1.00 U 1.00 U	1.00 U 3.77	1.00 U 9.32	1.00 U 121

Notes:
*(25-55) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
J - estimated value
mg/L - milligrams per liter
TOC - total organic carbon
U - not detected

Table 3-15
Source Area Biobarrier
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/Screen Intervals	Date of Sampling	TOC (mg/L) mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
MW-70-PMW02A	8/25/2008	0.967 U	1.00 U	1.00 U	1.00 U	1.00 U
(70.5-80.5)*	12/8/2008	NA	1.00 U	1.00 U	1.00 U	1.00 U
	8/26/2009	1.06	1.00 U	1.00 U	1.00 U	1.00 U
	9/2/2010	0.934 J	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW02B	8/21/2008	1.04 U	1.00 U	1.00 U	1.00 U	0.738 J
(90-100)*	12/8/2008	NA	1.00 U	1.00 U	1.00 U	1.00 U
	8/25/2009	1.16	1.00 U	1.00 U	1.00 U	1.00 U
	9/2/2010	1.1	1.00 U	1.00 U	1.00 U	1.00 U
IW-70-SAB03	3/18/2010	23.6	1.00 U	1.00 U	1.00 U	1.93
(65-80/85-105)*	8/30/2010	17.4	1.00 U	1.00 U	1.00 U	0.760 J
IW-70-SAB06	8/25/2008	0.828 J	1.00 U	1.00 U	1.00 U	1.00 U
(65-80/85-105)*	1/5/2009	860	1.00 U	80.1	407	611
	1/16/2009	730	1.00 U	40.8	782	536
	2/10/2009	222	1.00 U	112	607	383
	8/26/2009	38	1.00 U	1.00 U	1.00 U	5.7
IW-70-SAB06	9/2/2010	20.5	1.00 U	1.00 U	1.00 U	1.00 U
IW-70-SAB09	11/3/2008	1.06	1.00 U	1.00 U	1.00 U	1.00 U
(65-105)*	12/10/2008	32	1.00 U	1.00 U	124	564
	12/23/2008	389	1.00 U	12.6	262	474
	3/2/2009	222	25.0 U	380	707	1310
IW-70-SAB11	11/3/2008	1.7	1.00 U	1.00 U	1.00 U	0.65
(65-105)*	12/10/2008	30	1.00 U	1.00 U	29.2	510
	12/22/2008	469	1.00 U	7.61	239	445
	3/3/2009	444	25.0 U	400	657	1270
	3/18/2010	609	1.00 U	1.00 U	545	24.3
IW-70-SAB11-DUP	3/18/2010	616	1.00 U	1.00 U	537	25.5
	8/30/2010	177	1.00 U	1.00 U	1.00 U	3.7
IW-70-SAB11-DUP	8/30/2010	194	1.00 U	1.00 U	1.00 U	2.97
MW-70-PMW03A	8/21/2008	0.865 U	1.00 U	1.00 U	1.00 U	0.563 J
(70-80)*	12/12/08	37	1.00 U	1.00 U	12.8	61.1
	03/04/09	219	1.00 U	16.5	249	59.7
	09/16/09	53.3	1.00 U	2.25	11	85.5
	3/18/2010	56.5	1.00 U	1.39	2.08	95
	9/2/2010	15.6	1.00 U	1.00 U	1.00 U	11.9
MW-70-PMW03B	08/21/08	1.17 U	1.00 U	1.00 U	1.00 U	0.533 J
(90-100)*	12/12/08	1	1.00 U	1.00 U	1.00 U	1.00 U
	03/04/09	2	1.00 U	1.00 U	1.00 U	1.00 U
	8/26/2009	1.12	1.00 U	1.00 U	1.00 U	1.00 U
	3/18/2010	0.784 U	1.00 U	1.00 U	1.00 U	1.49
	9/2/2010	1.03	1.00 U	1.00 U	1.00 U	1.00 U

Notes:
*(90-100) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
J - estimated value
mg/L - milligrams per liter
NA - not analyzed
TOC - total organic carbon
U - not detected

Table 3-16
First Sand Biobarrier-1
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/ Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
IW-70-FSB108	8/25/2008	0.656 J	1.00 U	1.00 U	1.00 U	1.00 U
(60-105)*	6/30/2010	186	1.00 U	1.00 U	190	11.3
	9/8/2010	106	1.00 U	1.00 U	15.3	18.8
IW-70-FSB118	8/26/2008	1.10 U	4.00 U	4.00 U	4.00 U	4.00 U
(60-105)*	6/30/2010	32	1.00 U	1.00 U	16.5	30
	9/8/2010	14	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-38	8/25/2008	1.18	1.00 U	1.00 U	1.00 U	1.00 U
(80-100)*	9/3/2010	15.2	1.00 U	1.00 U	1.00 U	25.1
MW-70-PMW04A	8/22/2008	0.680 J	1.00 U	1.00 U	1.00 U	1.00 U
(70-80)*	6/30/2010	1.62	1.00 U	1.00 U	1.00 U	1.00 U
	9/7/2010	1.36	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW04B	8/22/2008	0.917 J	1.00 U	1.00 U	1.00 U	1.00 U
(90-100)*	6/30/2010	0.901 J	1.00 U	1.00 U	1.00 U	1.00 U
	9/7/2010	1.04	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW05A	8/22/2008	0.807 U	1.00 U	1.00 U	1.00 U	1.00 U
(70-80)*	6/30/2010	3.34	1.00 U	1.00 U	1.00 U	0.610 J
	9/8/2010	2.23	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW05B	8/22/2008	0.874 U	1.00 U	1.00 U	1.00 U	1.00 U
(90-100)*	6/30/2010	3.75	1.00 U	1.00 U	1.00 U	4.01
	9/8/2010	4.47	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW06A	8/22/2008	1.08	1.00 U	1.00 U	1.00 U	1.00 U
(70-80)*	9/3/2010	1.22	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW06B	8/22/2008	1.02	1.00 U	1.00 U	1.00 U	1.00 U
(91-101)*	9/3/2010	0.752 J	1.00 U	1.00 U	1.00 U	1.00 U

Notes:

*(60-105) well screen interval - feet below ground surface
< - less than
J - estimated value
mg/L - milligrams per liter
TOC - total organic carbon
U - not detected

Table 3-17
First Sand Biobarrier-2
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/ Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
IW-70-FSB216	8/27/2008	1.68	1.00 U	1.00 U	1.00 U	1.00 U
(65-100)*	5/27/2010	344	1.00 U	7.33	113	233
	9/1/2010	468	2.00 U	11.8	75.3	682
IW-70-FSB229	5/27/2010	2.93	1.00 U	1.00 U	1.00 U	7.07
(65-100)*	9/1/2010	4.61	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW07A	8/28/2008	1.92	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW07A-DUP	8/28/2008	1.73	1.00 U	1.00 U	1.00 U	1.00 U
(65-75)*	5/27/2010	7.32	1.00 U	1.00 U	1.09	18.8
	8/31/2010	9.31	1.00 U	1.00 U	1.00 U	9.69
MW-70-PMW07B	8/28/2008	1.35	1.00 U	1.00 U	1.00 U	1.00 U
(85-95)*	5/27/2010	1.52	1.00 U	1.00 U	1.00 U	9.71
	8/31/2010	1.7	1.00 U	1.00 U	1.00 U	1.14
MW-70-PMW08A	8/29/2008	1.88	1.00 U	1.00 U	1.00 U	1.00 U
(65-75)*	5/27/2010	2.54	1.00 U	1.00 U	1.00 U	8.23
	9/1/2010	1.85	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW08B	8/29/2008	1.53	1.00 U	1.00 U	1.00 U	1.00 U
(85-95)*	5/27/2010	3.14	1.00 U	1.00 U	1.00 U	9.15
MW-70-PMW08B-DUP	9/1/2010	2.94	1.00 U	1.00 U	1.00 U	1.00 U
	9/1/2010	3.11	1.00 U	1.00 U	1.00 U	1.00 U

Notes:
*(65-100) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
mg/L - milligrams per liter
TOC - total organic carbon
U - not detected

Table 3-18
Shell Horizon Biobarrier-1
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/ Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
IW-70-SHB113	8/27/2008	1.03	1.00 U	1.00 U	1.00 U	1.00 U
(105-130)*	7/1/2010	140	1.00 U	5.89	39.1	248
	9/15/2010	110	1.00 U	2.28	21	208
MW-70-PMW09	8/27/2008	0.970 J	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW09-DUP	8/27/2008	0.882 J	1.00 U	1.00 U	1.00 U	1.00 U
(120-130)*	7/1/2010	0.943 J	1.00 U	1.00 U	1.00 U	1.00 U
	9/15/2010	1.05	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW10	8/27/2008	1.38	1.00 U	1.00 U	1.00 U	1.00 U
(120-130)*	7/1/2010	1.2	1.00 U	1.00 U	1.00 U	3.42
	9/15/2010	1.2	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW10-DUP	9/15/2010	1.32	1.00 UJ	1.00 U	1.00 U	1.00 U

Notes:
*(105-130) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
J - estimated value
mg/L - milligrams per liter
TOC - total organic carbon
U - not detected

Table 3-19
Shell Horizon Biobarrier-3
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
MW-70-PMW11A	8/29/2008	1.0	1.00 U	1.00 U	1.00 U	1.55
(85-95)*	9/8/2009	1.4	1.00 U	1.00 U	1.00 U	2.19
MW-70-PMW11A DUP	9/8/2009	1.4	1.00 U	1.00 U	1.00 U	2.36
MW-70-PMW11A	9/9/2010	1.61	1.00 U	1.00 U	1.00 U	0.740 J
MW-70-PMW11B	8/29/2008	1.4	1.00 U	1.00 U	1.00 U	2.93
(115-125)*	9/8/2009	2.0	1.00 U	1.00 U	1.00 U	2.94
	9/9/2010	2.06	1.00 U	1.00 U	1.00 U	1.00 U
IW-70-SHB310	8/28/2008	1.8	1.00 U	1.00 U	1.00 U	1.00 U
(80-95/105-130)*	10/13/2009	769	10.0 U	126	491	662
	8/31/2010	2080	10.0 U	427	685	1960
IW-70-SHB311	3/17/2010	29.6	1.00 U	1.00 U	0.580 J	11
(80-95/105-130)*	8/31/2010	32.4	1.00 U	1.00 U	1.00 U	1.25
IW-70-SHB319	3/17/2010	16.9	1.00 U	1.00 U	1.00 U	3.45
(80-100/110-130)*	8/31/2010	18	1.00 U	1.00 U	1.00 U	0.580 J
MW-70-PMW12A	9/2/2008	1.2	1.00 U	1.00 U	1.00 U	1.00 U
(85-95)*	9/17/2009	1.1	1.00 U	1.00 U	1.00 U	3.43
	9/16/2010	1.32	1.00 U	1.00 U	1.00 U	1.00 U
	3/17/2010	7.11	1.00 U	1.00 U	1.00 U	1.35
MW-70-PMW12B	9/2/2008	1.7	1.00 U	1.00 U	1.00 U	1.00 U
(115-125)*	9/8/2009	27.7	1.00 U	1.00 U	25.8	25.7
	9/16/2010	2.39	1.00 U	1.00 U	1.00 U	1.38
MW-70-PMW12B-DUP	9/16/2010	2.47	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW12B	3/17/2010	2.48	1.00 U	1.00 U	1.00 U	1.11
MW-70-MNA14	9/4/2008	NA	NA	NA	NA	NA
(115-125)*	8/31/2009	NA	NA	NA	NA	NA

Notes:
*(85-95) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
J - estimated value
mg/L - milligrams per liter
NA - not analyzed
TOC - total organic carbon
U - not detected

Table 3-20
Second Sand Biobarrier
Total Organic Carbon and Volatile Fatty Acids

Monitoring Well ID/ Screen Intervals	Date of Sampling	TOC mg/L	Lactate mg/L	Butyrate mg/L	Propionate mg/L	Acetate mg/L
MW-70-PMW13A	9/3/2008	1.87	1.00 U	1.00 U	1.00 U	1.00 U
(125-135)*	9/1/2009	2.26	1.00 U	1.00 U	1.00 U	1.67
	9/9/2010	1.97	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW13B	9/3/2008	1.65	1.00 U	1.00 U	1.00 U	1.00 U
(145-155)*	9/1/2009	1.78	1.00 U	1.00 U	1.00 U	1.37
	9/9/2010	1.74	1.00 U	1.00 U	1.00 U	1.00 U
IW-70-SSB109	8/28/2008	1.28	1.00 U	1.00 U	1.00 U	1.00 U
(125.75-165.75)*	9/3/2009	1110	1.00 U	358	363	303
IW-70-SSB109 DUP	9/3/2008	NA	1.00 U	360	364	304
	3/16/2010	309	1.00 U	1.00 U	129	7.92
	9/20/2010	121	1.00 U	1.00 U	7.22	15.1
IW-70-SSB119	3/16/2010	18	1.00 U	1.00 U	1.00 U	1.59
(125-165)*	8/30/2010	15.2	1.00 U	1.00 U	1.2	3.12
MW-70-PMW14A	9/3/2008	2.08	1.00 U	1.00 U	1.00 U	1.00 U
(128-138)*	9/16/2009	3.59	1.00 U	1.00 U	1.00 U	1.43
MW-70-PMW14A DUP	9/16/2009	3.36	1.00 U	1.00 U	1.00 U	1.41
	3/16/2010	6.36	1.00 U	1.00 U	1.00 U	0.530 J
	9/20/2010	3.49	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW14B	9/3/2008	1.72	1.00 U	1.00 U	1.00 U	1.00 U
(149-159)*	9/3/2009	5.91	1.00 U	1.00 U	1.00 U	1.34
MW-70-PMW14B DUP	9/3/2009	5.48	1.00 U	1.00 U	1.00 U	1.02
	3/16/2010	3.16	0.750 J	1.00 U	1.00 U	9.87
	9/23/2010	3.24	1.00 U	1.00 U	1.00 U	1.00 U
MW-70-PMW14B DUP	9/23/2010	2.95	1.00 U	1.00 U	1.00 U	1.00 U

Notes:
*(125-135) well screen interval - feet below ground surface
< - less than
DUP - duplicate sample
J - estimated value
mg/L - milligrams per liter
NA - not analyzed
TOC - total organic carbon

Table 3-21
Source Area Treatment Grid Upper Fines
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/21/2008	9/13/2010	9/22/2010	9/28/2010-9/29/2010	9/30/2010
IW-70-SAT03	Dhc	NA	NA	NA	NA	5.00E+03 J
(25-55)*	vcrA	NA	NA	NA	NA	2.00E+04 U
IW-70-SAT16	Dhc	NA	NA	NA	6.00E+02 J	NA
(25-55)*	vcrA	NA	NA	NA	2.00E+03 J	NA
IW-70-SAT16-DUP	Dhc	NA	NA	NA	6.00E+02 J	NA
(25-55)*	vcrA	NA	NA	NA	2.00E+03 J	NA
IW-70-SAT31	Dhc	NA	NA	NA	2.00E+06	NA
(25-55)*	vcrA	NA	NA	NA	2.00E+06	NA
IW-70-SAT35	Dhc	NA	NA	NA	4.00E+08	NA
(25-55)*	vcrA	NA	NA	NA	3.00E+08	NA
IW-70-SAT36	Dhc	NA	NA	NA	5.00E+05	NA
(25-55)*	vcrA	NA	NA	NA	4.00E+04	NA
IW-70-SAT45	Dhc	NA	NA	NA	1.00E+07	NA
(25-55)*	vcrA	NA	NA	NA	2.00E+07	NA
IW-70-SAT46	Dhc	NA	NA	NA	2.00E+07	NA
(25-55)*	vcrA	NA	NA	NA	1.00E+07	NA
IW-70-SAT50	Dhc	NA	NA	NA	4.00E+07	NA
(25-55)*	vcrA	NA	NA	NA	5.00E+06	NA
MW-70-27	Dhc	ND	7.00E+08	NA	NA	NA
(25.50-35.50)*	vcrA	ND	3.00E+08	NA	NA	NA
MW-70-28	Dhc	7.00E+02	2.00E+08	NA	NA	NA
(50.30-60.30)*	vcrA	8.00E+03	3.00E+08	NA	NA	NA
MW-70-MNA01	Dhc	NA	NA	3.00E+05	NA	NA
(40-50)*	vcrA	NA	NA	2.00E+05	NA	NA

Notes:
*(25-55) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
J - estimated value
NA - not analyzed
ND - not detected
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

Table 3-22
Souce Area Biobarrier
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/25/2008	10/31/08 - 11/04/08	12/22/08 - 12/23/08	01/16/09	02/10/09 - 02/11/09	03/02/09 - 03/04/09	8/16/2009- 9/16/2009	3/18/2010	8/30/2010 - 9/2/2010
IW-70-SAB01	Dhc	NA	ND	NA	7.E+06	9.E+07	NA	NA	NA	NA
(60-80)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-70-SAB02	Dhc	NA	NA	NA	NA	3.E+06	NA	NA	NA	NA
(65-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-70-SAB03	Dhc	NA	ND	NA	2.E+07	1.E+09	NA	NA	3.E+07	2.E+07
(65-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	2.E+07	3.E+07
IW-70-SAB04	Dhc	NA	NA	NA	NA	7.E+05	NA	NA	NA	NA
(60-80/85-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-70-SAB05	Dhc	NA	NA	NA	NA	9.E+08	NA	NA	NA	NA
(65-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-70-SAB06	Dhc	ND	NA	NA	1.E+07	2.E+06	NA	2E+07	NA	1.E+06
(65-80/85-105)*	vcrA	NA	NA	NA	NA	NA	NA	2.E+07	NA	2.E+06
IW-70-SAB07	Dhc	NA	NA	NA	NA	5.E+07	NA	NA	NA	NA
(65-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-70-SAB08	Dhc	NA	NA	NA	NA	8.E+04	2.E+04 U	NA	NA	NA
(65-105)*	vcrA	NA	NA	NA	NA	NA	2.E+04 U	NA	NA	NA
IW-70-SAB09	Dhc	NA	ND	2.E+06	NA	NA	2.E+05	NA	NA	NA
(65-105)*	vcrA	NA	NA	NA	NA	NA	2.E+04 U	NA	NA	NA
IW-70-SAB10	Dhc	NA	NA	NA	NA	1.E+06	7.E+06	NA	NA	NA
(67-87/92-107)*	vcrA	NA	NA	NA	NA	NA	ND	NA	NA	NA
IW-70-SAB11	Dhc	NA	6.E+05	9.E+06	NA	NA	3.E+05	4E+06	4.E+08	4.E+07
(65-105)*	vcrA	NA	2.E+06	NA	NA	NA	ND	1E+05	1.E+08	6.E+07
IW-70-SAB11 Dup	Dhc	NA	NA	NA	NA	NA	NA	NA	NA	5.E+07
(65-105)*	vcrA	NA	NA	NA	NA	NA	NA	NA	NA	6.E+07
IW-70-SAB12	Dhc	NA	2.E+06	8.E+06	NA	NA	1.E+04	NA	NA	NA
(65-105)*	vcrA	NA	4.E+03 U	NA	NA	NA	ND	NA	NA	NA
IW-70-SAB13	Dhc	NA	NA	NA	NA	1.E+06	1.E+04	NA	NA	NA
(65-106)*	vcrA	NA	NA	NA	NA	NA	ND	NA	NA	NA
IW-70-SAB14	Dhc	NA	2.E+05	ND	NA	1.E+05	2.E+04 U	NA	NA	NA
(60-105)*	vcrA	NA	7.E+03	NA	NA	NA	NA	NA	NA	NA
MW-70-PMW03A	Dhc	NA	ND	NA	NA	NA	7.E+04	2.E+06	9.E+05	4.E+05
(70.50-80.50)*	vcrA	NA	NA	NA	NA	NA	ND	4.E+06	2.E+06	2.E+06
MW-70-PMW03B	Dhc	NA	ND	NA	NA	NA	3.E+03	1.E+03	2.E+05	3.E+05
(90-100)*	vcrA	NA	NA	NA	NA	NA	ND	ND	4.E+03 U	4.E+03 U

Notes:
*(60-80) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
NA - not analyzed
ND - not detected
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

Table 3-23
First Sand Biobarrier-1
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/25/2008-8/26/2008	6/30/2010	9/8/2010-9/7/2010	9/16/2010
IW-70-FSB108	Dhc	8.00E+03	9.00E+06	4.00E+07	NA
(60-105)*	vcrA	4.00E+03 U	7.00E+05	3.00E+07	NA
IW-70-FSB118	Dhc	3.00E+04	2.00E+07	3.00E+06	NA
(60-105)*	vcrA	4.00E+03 U	3.00E+06	5.00E+06	NA
MW-70-MNA07	Dhc	NA	NA	NA	1.00E+06
(90-100)*	vcrA	NA	NA	NA	2.00E+06
MW-70-MNA08	Dhc	NA	NA	NA	4.00E+03 U
(80-90)*	vcrA	NA	NA	NA	NA
MW-70-PMW04A	Dhc	NA	1.00E+06	2.00E+05	NA
(70-80)*	vcrA	NA	8.00E+05	4.00E+05	NA
MW-70-PMW04B	Dhc	NA	4.00E+03 U	4.00E+03 U	NA
(90-100)*	vcrA	NA	NA	4.00E+03 U	NA
MW-70-PMW05A	Dhc	NA	4.00E+07	1.00E+05	NA
(70-80)*	vcrA	NA	4.00E+07	1.00E+06	NA
MW-70-PMW05B	Dhc	NA	2.00E+08	4.00E+07	NA
(90-100)*	vcrA	NA	3.00E+05	4.00E+07	NA
RDO-5	Dhc	NA	NA	NA	1.00E+06
(65-105)*	vcrA	NA	NA	NA	2.00E+06

Notes:
*(60-105) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
NA - not analyzed
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

Table 3-24
First Sand Biobarrier-2
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/27/2008	5/27/2010	8/31/2010-9/1/2010	9/22/2010
IW-70-FSB216	Dhc	ND	1.00E+08	1.00E+07	NA
(65-100)*	vcrA	ND	3.00E+06	5.00E+05	NA
IW-70-FSB229	Dhc	NA	8.00E+05	8.00E+04	NA
(65-100)*	vcrA	NA	4.00E+05	7.00E+04	NA
MW-70-MNA10	Dhc	NA	NA	NA	3.00E+03 J
(74.50-84.50)*	vcrA	NA	NA	NA	3.00E+03
MW-70-MNA12	Dhc	NA	NA	NA	4.00E+03 U
(75-85)*	vcrA	NA	NA	NA	NA
MW-70-PMW07A	Dhc	NA	7.00E+04	7.00E+04	NA
(65-75)*	vcrA	NA	3.00E+04	6.00E+04	NA
MW-70-PMW07B	Dhc	NA	5.00E+03	1.00E+03 J	NA
(85-95)*	vcrA	NA	4.00E+03	4.00E+03 U	NA
MW-70-PMW08A	Dhc	NA	6.00E+05	3.00E+05	NA
(65-75)*	vcrA	NA	4.00E+04	9.00E+04	NA
MW-70-PMW08B	Dhc	NA	2.00E+07	6.00E+06	NA
(85-95)*	vcrA	NA	2.00E+06	5.00E+05	NA
MW-70-PMW08B-DUP	Dhc	NA	NA	7.00E+06	NA
(85-95)*	vcrA	NA	NA	3.00E+05	NA

Notes:
*(65-100) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
J - estimated value
NA - not analyzed
ND - not detected
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

Table 3-25
Shell Horizon Biobarrier-1
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/27/2008	7/1/2010	9/15/2010-9/23/2010
IW-70-SHB113	Dhc	7.00E+03	3.00E+09	1.00E+08
(105-130)*	vcrA	4.00E+03 U	2.00E+09	9.00E+07
IW-70-SHB217	Dhc	NA	NA	4.00E+03 U
(105-130)*	vcrA	NA	NA	4.00E+03 U
MW-70-PMW09	Dhc	NA	4.00E+03 U	4.00E+03 U
(120-130)*	vcrA	NA	NA	4.00E+03 U
MW-70-PMW10	Dhc	NA	6.00E+02 J	4.00E+02 J
(120-130)*	vcrA	NA	2.00E+03 J	4.00E+03 U
MW-70-PMW10-DUP	Dhc	NA	NA	5.00E+02 J
(120-130)*	vcrA	NA	NA	4.00E+03 U

Notes:
*(105-130) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
J - estimated value
NA - not analyzed
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

Table 3-26
Shell Horizon Biobarrier-3
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/28/2008	9/8/2009-9/17/2009	10/13/2009	3/17/2010	8/31/2010	9/16/2010-9/22/2010
IW-70-SHB310	Dhc	ND	NA	3.00E+05	NA	1.00E+04 U	NA
(80-95/105-130)*	vcrA	ND	NA	1.00E+05	NA	1.00E+04 U	NA
IW-70-SHB310-F	Dhc	NA	NA	2.00E+04 J	NA	NA	NA
(80-95/105-130)*	vcrA	NA	NA	6.00E+04 U	NA	NA	NA
IW-70-SHB311	Dhc	NA	NA	NA	5.00E+06	2.00E+05	NA
(80-95/105-130)*	vcrA	NA	NA	NA	2.00E+06	2.00E+06	NA
IW-70-SHB319	Dhc	NA	NA	NA	2.00E+07	5.00E+05	NA
(80-100/110-130)*	vcrA	NA	NA	NA	2.00E+06	6.00E+05	NA
MW-70-MNA14	Dhc	NA	NA	NA	NA	NA	4.00E+03 U
(115-125)*	vcrA	NA	NA	NA	NA	NA	NA
MW-70-PMW12A	Dhc	NA	2.00E+06	NA	5.00E+06	NA	4.00E+04
(85-95)*	vcrA	NA	7.00E+03 U	NA	4.00E+03 U	NA	7.00E+03
MW-70-PMW12B	Dhc	NA	1.00E+08	NA	7.00E+05	NA	5.00E+04
(115-125)*	vcrA	NA	4.00E+03 U	NA	1.00E+05	NA	8.00E+04
MW-70-PMW12B-DUP	Dhc	NA	NA	NA	NA	NA	7.00E+04
(115-125)*	vcrA	NA	NA	NA	NA	NA	1.00E+05

Notes:
*(80-95/105-130) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
F - filtered sample
J - estimated value
NA - not analyzed
ND - not detected
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

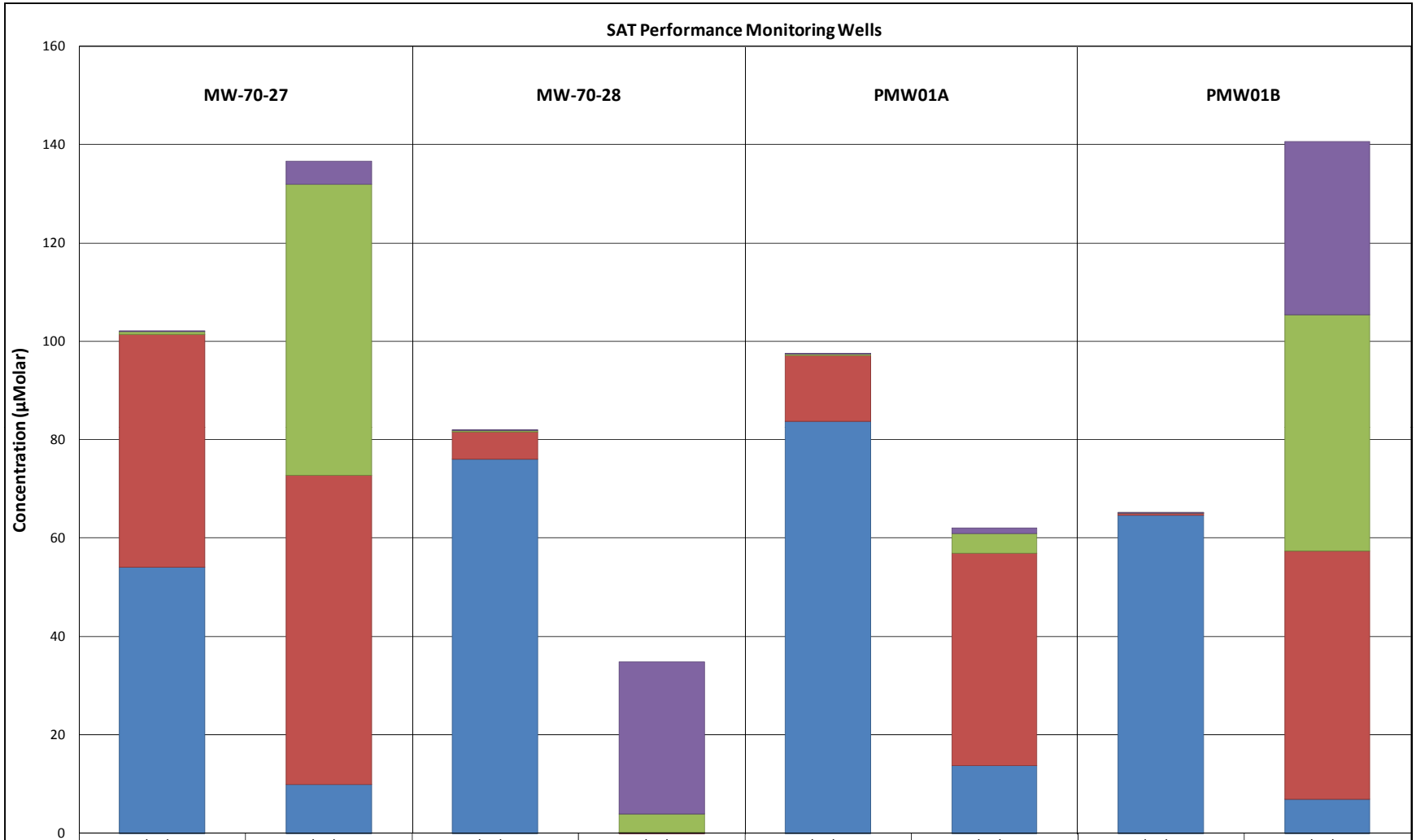
Table 3-27
Second Sand Biobarrier
Dehalococcoides and Vinyl Chloride Reductase A Gene

Monitoring Well ID/ Screen Interval	Assay	8/28/2008	9/3/2009-9/16/2009	3/16/2010	8/30/2010	9/20/2010-9/23/2010
IW-70-SSB109	Dhc	5.00E+03	1.00E+04 J	2.00E+06	NA	1.00E+07
(125.75-165.75)*	vcrA	2.00E+03	2.00E+04 U	2.00E+06	NA	2.00E+07
IW-70-SSB109-DUP	Dhc	ND	NA	NA	NA	NA
(125.75-165.75)*	vcrA	ND	NA	NA	NA	NA
IW-70-SSB119	Dhc	NA	NA	3.00E+07	5.00E+06	NA
(125-165)*	vcrA	NA	NA	4.00E+07	8.00E+06	NA
MW-70-MNA15	Dhc	NA	NA	NA	NA	4.00E+03 U
(140-150)*	vcrA	NA	NA	NA	NA	NA
MW-70-MNA16	Dhc	NA	NA	NA	NA	2.00E+06
(140.50-150.50)*	vcrA	NA	NA	NA	NA	1.00E+07
MW-70-MNA17	Dhc	NA	NA	NA	NA	4.00E+03 U
(140-150)*	vcrA	NA	NA	NA	NA	NA
MW-70-PMW14A	Dhc	NA	5.00E+05	9.00E+05	NA	3.00E+05
(128-138)*	vcrA	NA	7.00E+03 U	8.00E+03 U	NA	4.00E+03 U
MW-70-PMW14B	Dhc	NA	4.00E+03 U	4.00E+03 U	NA	2.00E+04
(149-159)*	vcrA	NA	4.00E+03 U	NA	NA	4.00E+03 U
MW-70-PMW14B-DUP	Dhc	NA	5.00E+02 J	NA	NA	2.00E+04
(149-159)*	vcrA	NA	4.00E+03 U	NA	NA	4.00E+03 U

Notes:
*(125-165) well screen interval - feet below ground surface
Dhc - Dehalococcoides in cells per liter
DUP - duplicate sample
J - estimated value
NA - not analyzed
ND - not detected
U - not detected
vcrA - vinyl chloride reductase A gene in cells per liter

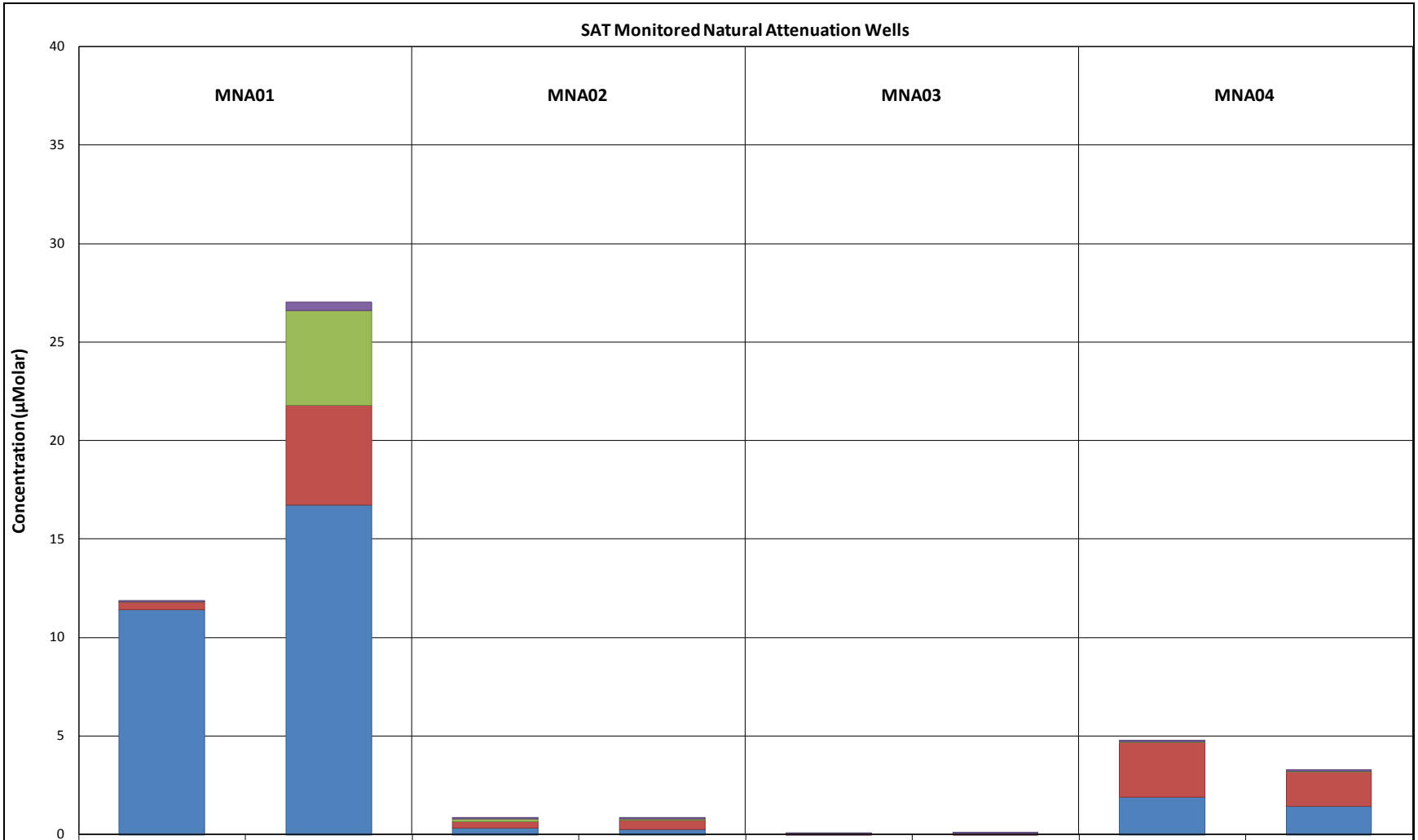
Section 3

FIGURES



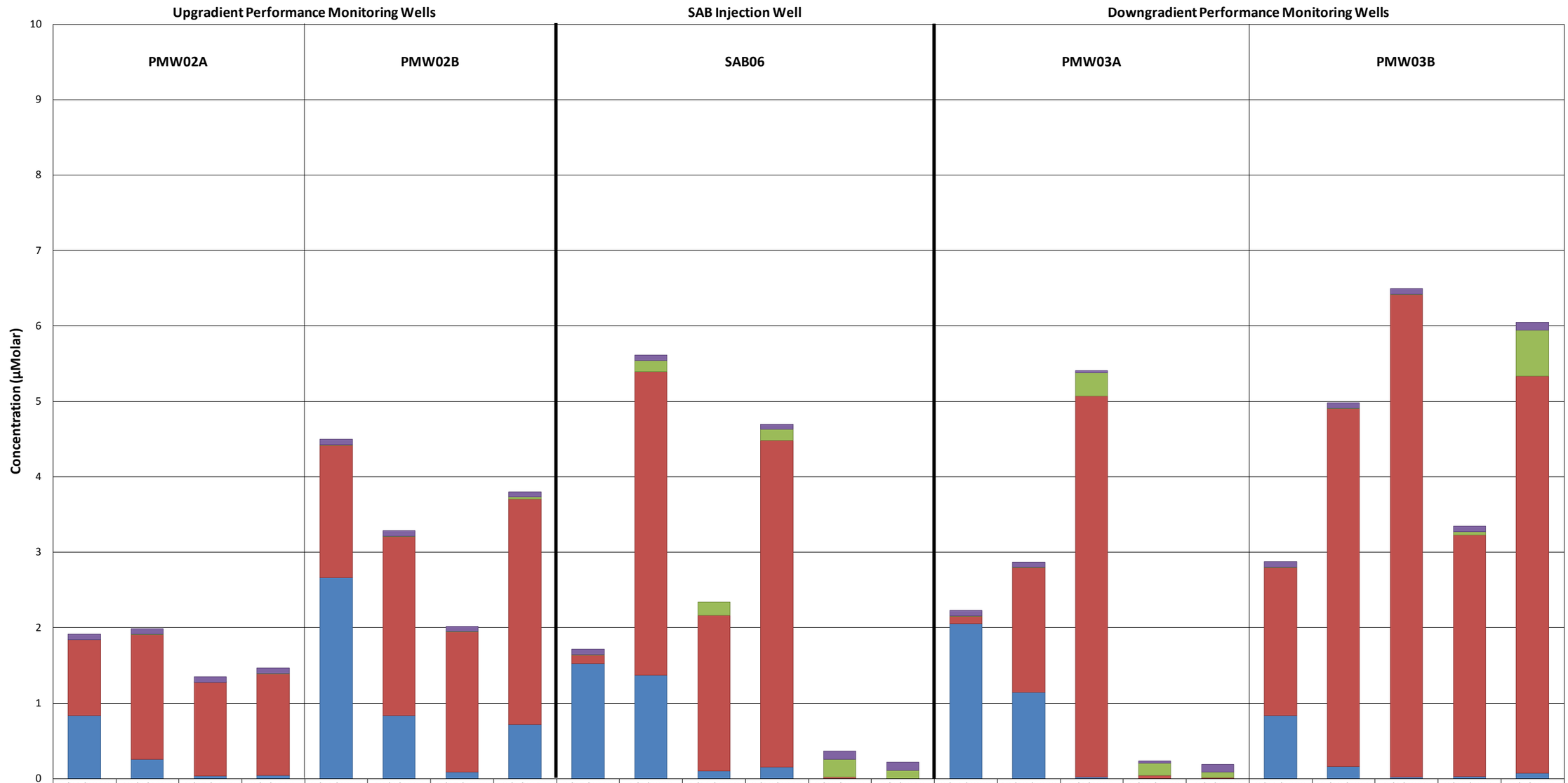
	MW-70-27		MW-70-28		PMW01A		PMW01B	
	08/21/2008	09/13/2010	08/21/2008	09/13/2010	08/20/2008	09/03/2010	08/20/2008	09/03/2010
Ethene	0.07	4.63	0.02	31.01	0.07	1.11	0.07	35.29
VC	0.51	59.20	0.29	3.68	0.40	4.00	0.01	48.00
cDCE	47.45	62.92	5.47	0.11	13.41	43.32	0.34	50.54
TCE	54.04	9.89	76.11	0.09	83.72	13.70	64.69	6.85

Figure 3-1
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Within the SAT



	MNA01		MNA02		MNA03		MNA04	
	08/20/2008	09/22/2010	08/20/2008	09/10/2010	08/25/2008	09/08/2010	08/25/2008	09/10/2010
Ethene	0.07	0.43	0.07	0.07	0.02	0.07	0.07	0.07
VC	0.01	4.80	0.11	0.07	0.01	0.01	0.03	0.01
cDCE	0.39	5.05	0.32	0.46	0.03	0.04	2.79	1.75
TCE	11.42	16.74	0.35	0.27	0.01	0.01	1.90	1.45

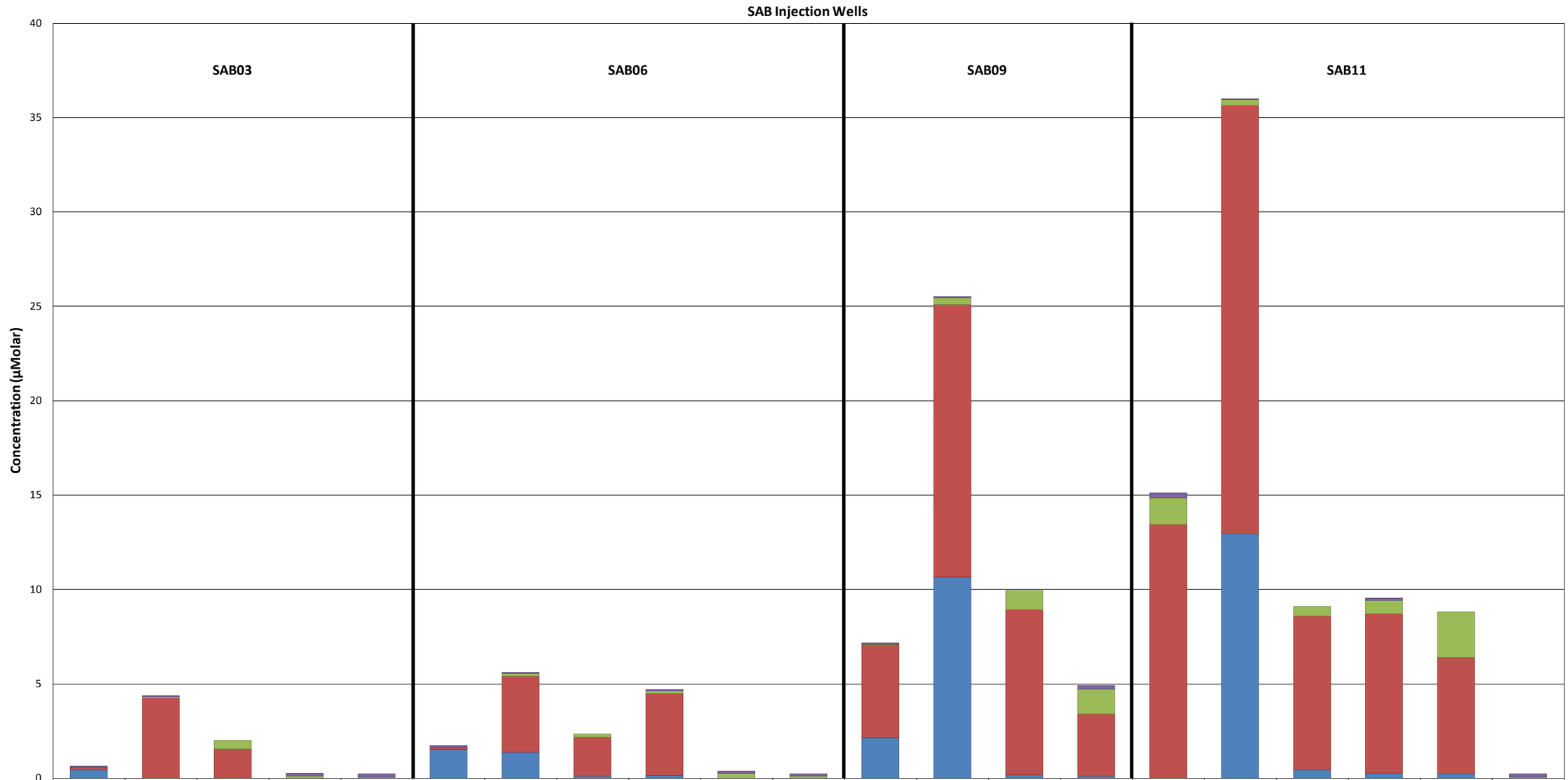
Figure 3-2
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Monitored Natural Attenuation Wells Within the SAT



	PMW02A				PMW02B				SAB06						PMW03A					PMW03B				
	8/21/2008	12/8/2008	8/25/2009	9/2/2010	8/21/2008	12/8/2008	8/25/2009	9/2/2010	8/25/2008	1/5/2009	1/16/2009	2/10/2009	8/26/2009	9/2/2010	8/21/2008	12/12/2008	3/4/2009	9/16/2009	9/2/2010	8/21/2008	12/12/2008	3/4/2009	8/26/2009	9/2/2010
Ethene	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	ND	0.07	0.11	0.11	0.07	0.07	0.03	0.03	0.10	0.07	0.07	0.07	0.07	0.11
VC	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.01	0.15	0.18	0.14	0.24	0.10	0.01	0.01	0.30	0.16	0.08	0.01	0.01	0.01	0.05	0.61
cDCE	1.00	1.65	1.24	1.34	1.75	2.37	1.86	2.99	0.11	4.02	2.06	4.33	0.01	0.01	0.09	1.65	5.05	0.04	0.01	1.96	4.75	6.40	3.20	5.26
TCE	0.84	0.26	0.04	0.04	2.66	0.84	0.08	0.72	1.52	1.37	0.10	0.15	0.00	0.00	2.05	1.14	0.02	0.00	0.00	0.84	0.16	0.02	0.03	0.07

ND – not detected

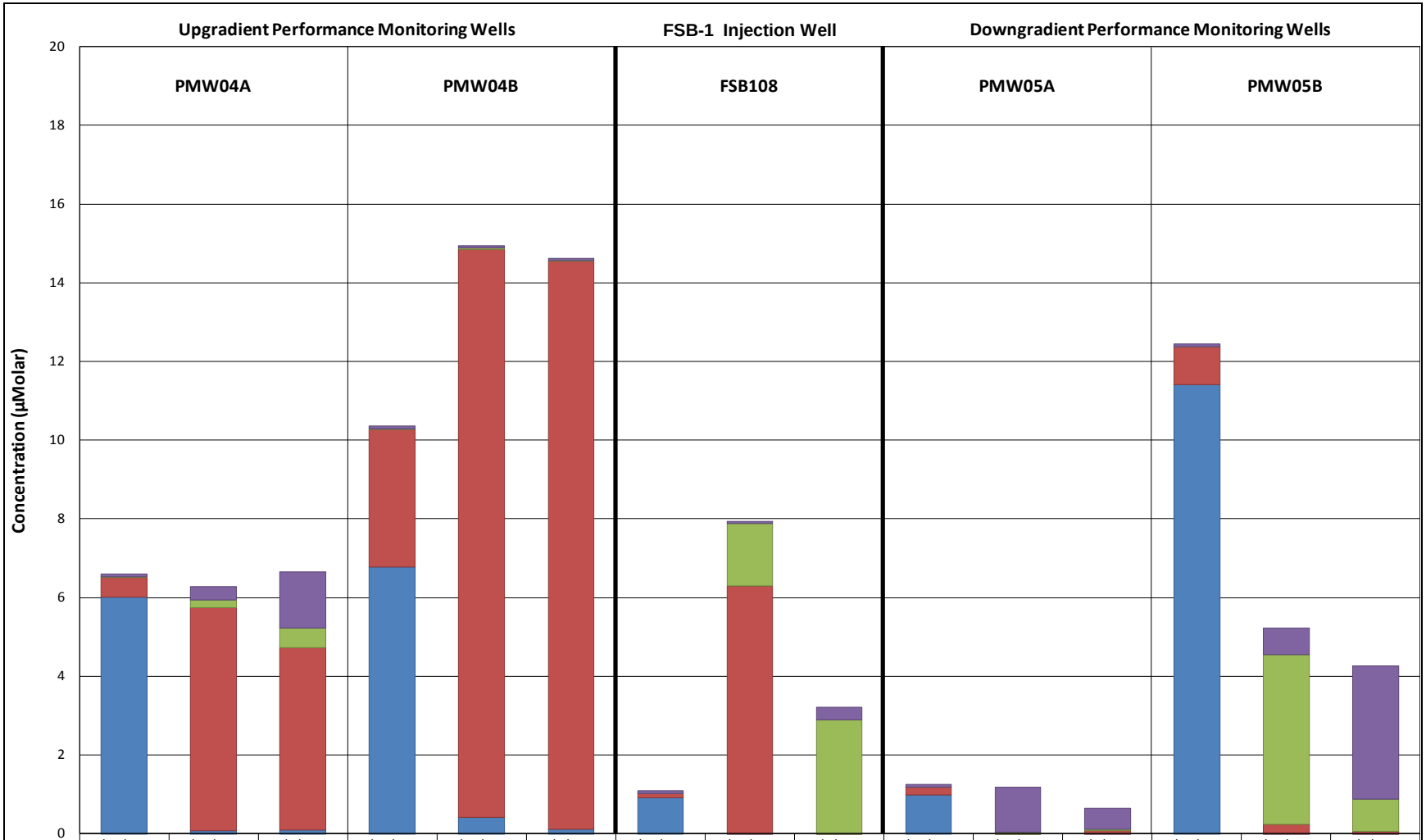
Figure 3-3
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the SAB



	11/4/2008	1/6/2009	1/16/2009	3/18/2009	8/30/2010	8/25/2008	1/5/2009	1/16/2009	2/10/2009	8/26/2009	9/2/2010	11/3/2008	12/10/2008	12/23/2008	3/2/2009	11/3/2008	12/10/2008	12/22/2008	3/3/2009	8/27/2009	8/30/2010
Ethene	0.07	0.07	0.00	0.16	0.16	0.07	0.07	ND	0.07	0.11	0.11	0.07	0.04	ND	0.18	0.28	0.03	ND	0.11	ND	0.18
VC	0.00	0.07	0.43	0.08	0.04	0.01	0.15	0.18	0.14	0.24	0.10	0.02	0.37	1.02	1.31	1.41	0.34	0.50	0.69	2.40	0.04
cDCE	0.11	4.23	1.55	0.02	0.01	0.11	4.02	2.06	4.33	0.01	0.01	4.95	14.44	8.77	3.30	13.41	22.69	8.15	8.46	6.19	0.02
TCE	0.44	0.01	0.01	0.00	0.00	1.52	1.37	0.10	0.15	0.00	0.00	2.13	10.66	0.16	0.11	0.03	12.94	0.44	0.27	0.22	0.00

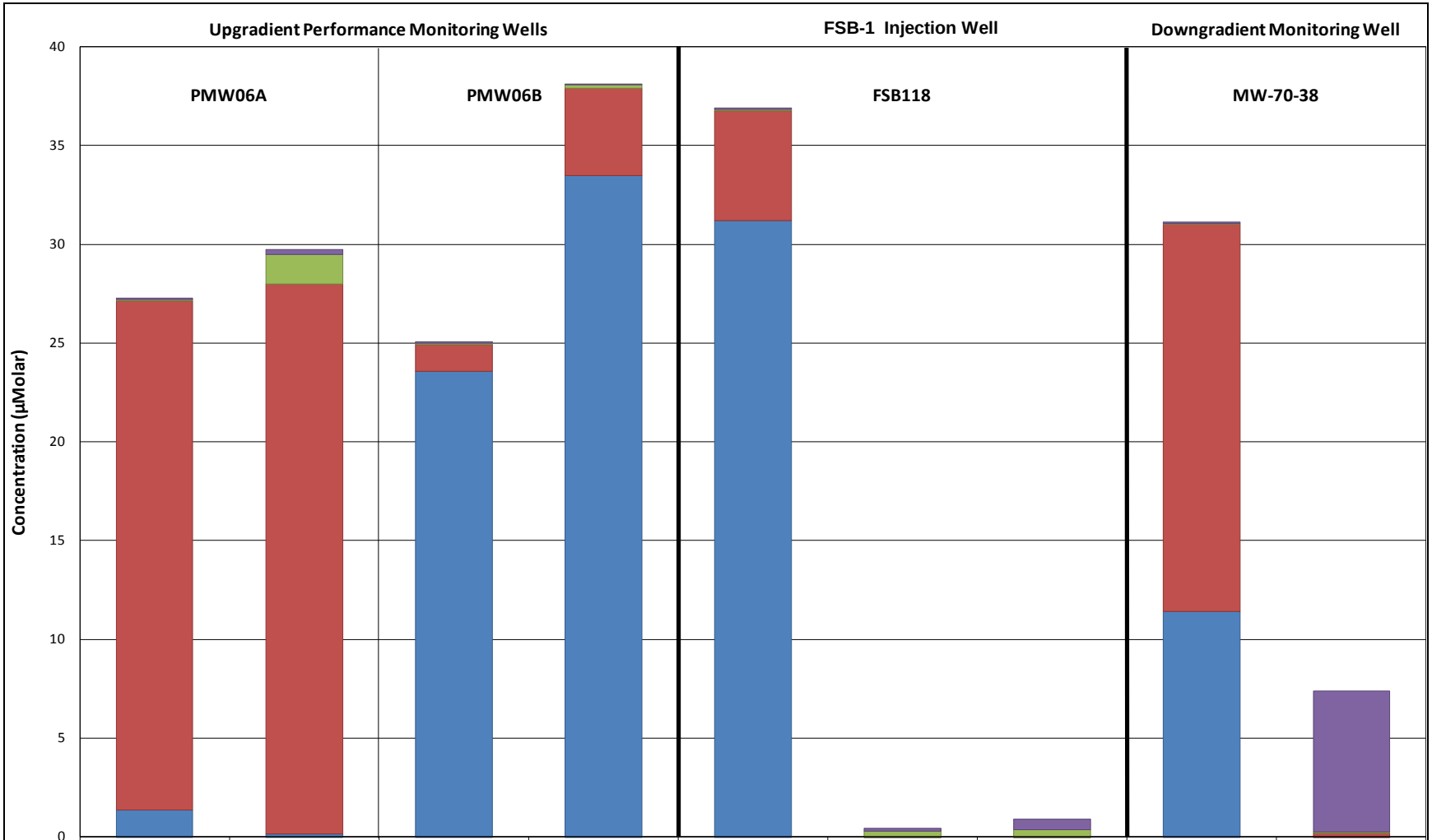
ND – not detected

Figure 3-4
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells (Injection Wells) Along the SAB



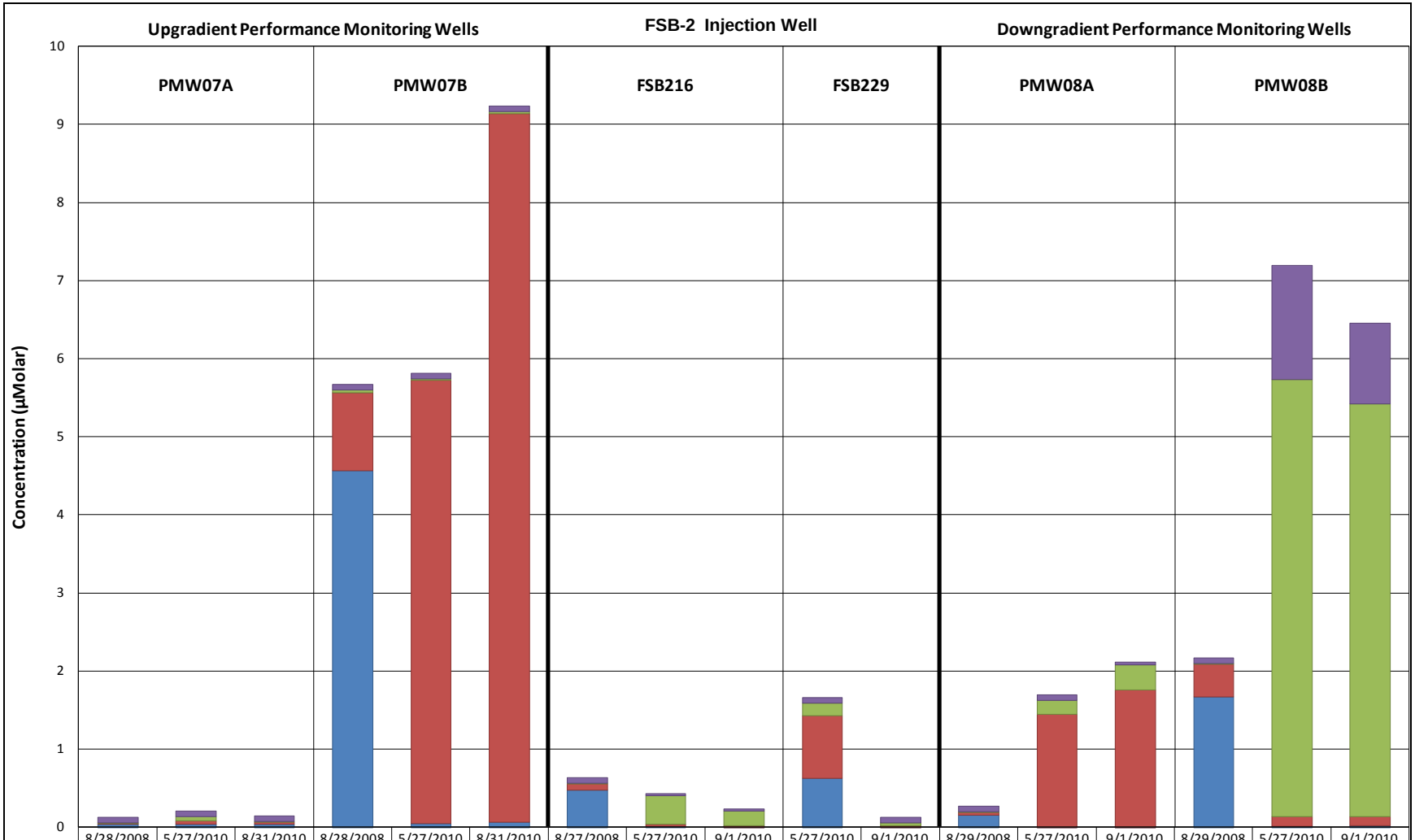
	PMW04A			PMW04B			FSB108			PMW05A			PMW05B		
	8/22/2008	6/30/2010	9/7/2010	8/22/2008	6/30/2010	9/7/2010	8/25/2008	6/30/2010	9/8/2010	8/22/2008	6/30/2010	9/8/2010	8/22/2008	6/30/2010	9/8/2010
Ethene	0.07	0.34	1.43	0.07	0.06	0.04	0.07	0.05	0.32	0.07	1.14	0.53	0.07	0.68	3.39
VC	0.01	0.21	0.50	0.01	0.04	0.02	0.01	1.60	2.88	0.01	0.03	0.03	0.01	4.32	0.83
cDCE	0.51	5.67	4.64	3.51	14.44	14.44	0.10	6.29	0.01	0.19	0.01	0.07	0.96	0.23	0.05
TCE	6.01	0.07	0.09	6.77	0.42	0.11	0.91	0.00	0.00	0.99	0.00	0.01	11.42	0.00	0.01

Figure 3-5
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the FSB-1
(Wells: PMW04A, PMW04B, FSB108, PMW05A, and PMW05B)



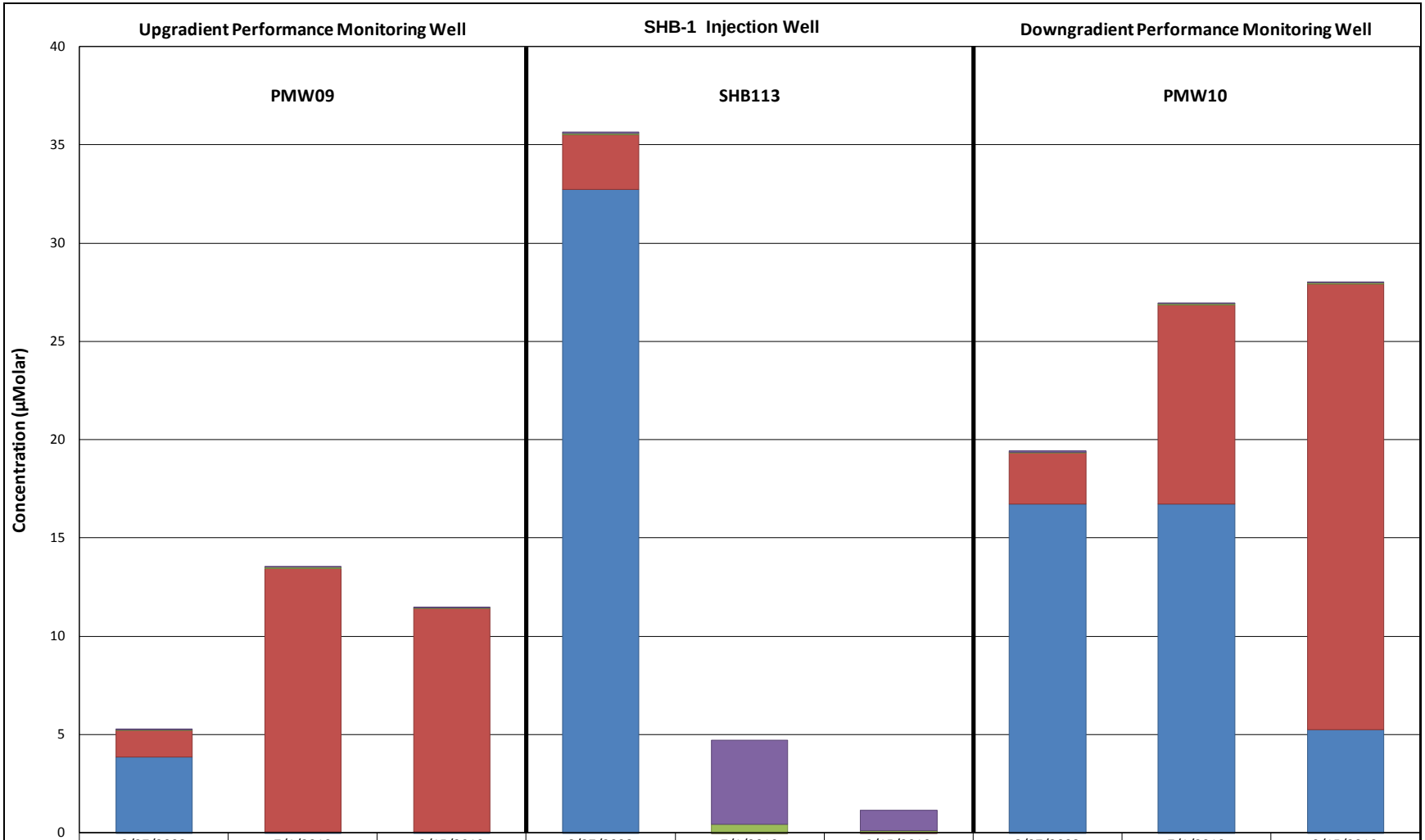
	8/22/2008	9/3/2010	8/22/2008	9/3/2010	8/26/2008	6/30/2010	9/8/2010	8/25/2008	9/3/2010
Ethene	0.07	0.23	0.07	0.02	0.07	0.16	0.53	0.07	7.13
VC	0.05	1.52	0.07	0.16	0.08	0.26	0.35	0.06	0.09
cDCE	25.79	27.85	1.34	4.44	5.57	0.02	0.01	19.60	0.18
TCE	1.37	0.14	23.59	33.49	31.21	0.01	0.00	11.42	0.01

Figure 3-6
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the FSB -1
(Wells: PMW06A, PMW06B, FSB118 and MW-70-38)



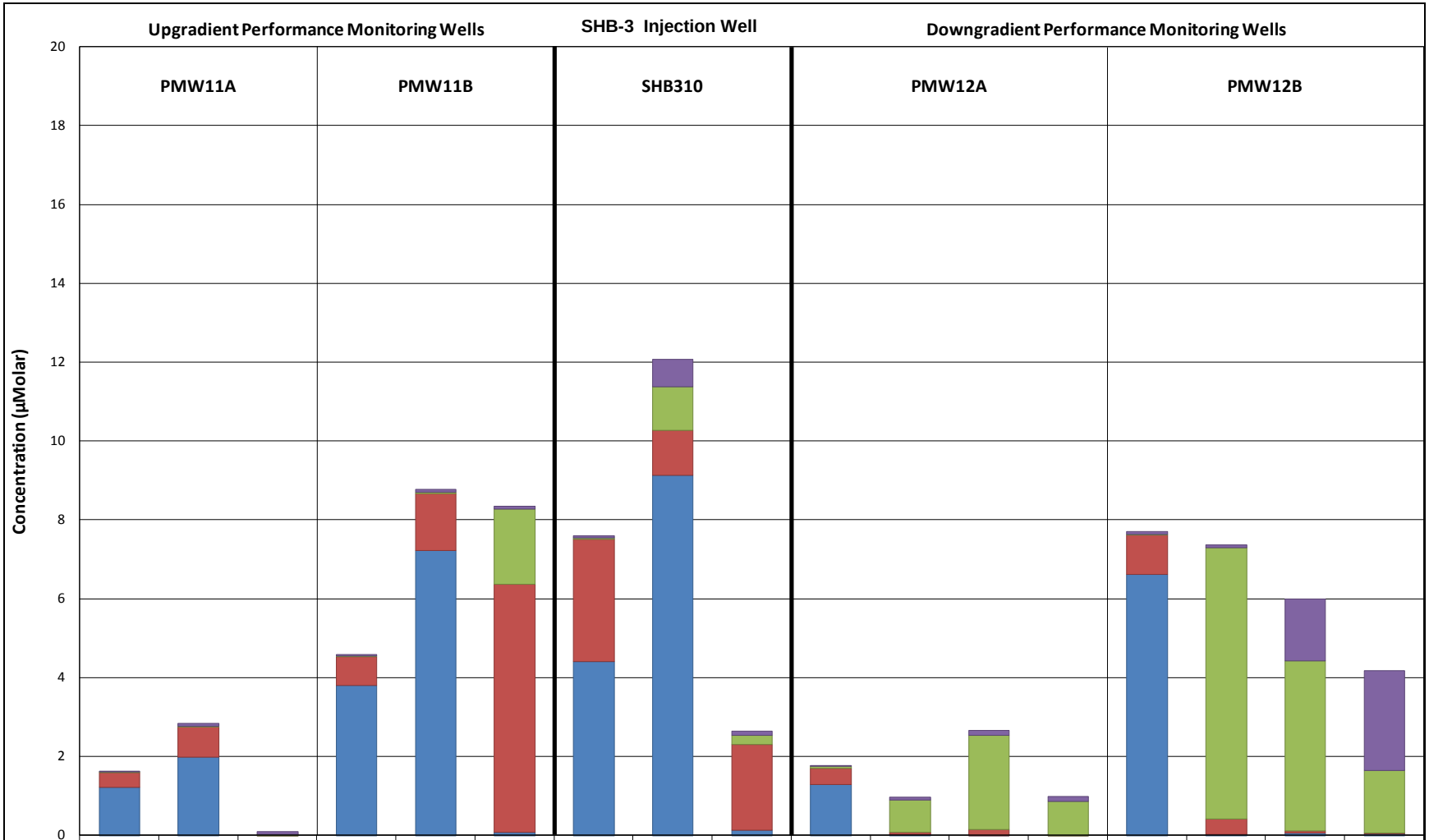
	PMW07A			PMW07B			FSB216			FSB229		PMW08A			PMW08B		
	8/28/2008	5/27/2010	8/31/2010	8/28/2008	5/27/2010	8/31/2010	8/27/2008	5/27/2010	9/1/2010	5/27/2010	9/1/2010	8/29/2008	5/27/2010	9/1/2010	8/29/2008	5/27/2010	9/1/2010
Ethene	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.02	0.02	0.07	0.06	0.07	0.07	0.03	0.07	1.46	1.03
VC	0.01	0.05	0.01	0.03	0.02	0.02	0.01	0.37	0.19	0.16	0.04	0.01	0.18	0.32	0.02	5.60	5.28
cDCE	0.01	0.05	0.03	1.00	5.67	9.08	0.08	0.03	0.01	0.80	0.02	0.04	1.44	1.75	0.41	0.12	0.12
TCE	0.04	0.04	0.04	4.57	0.05	0.06	0.48	0.01	0.01	0.62	0.00	0.15	0.01	0.01	1.67	0.02	0.02

Figure 3-7
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the FSB -2



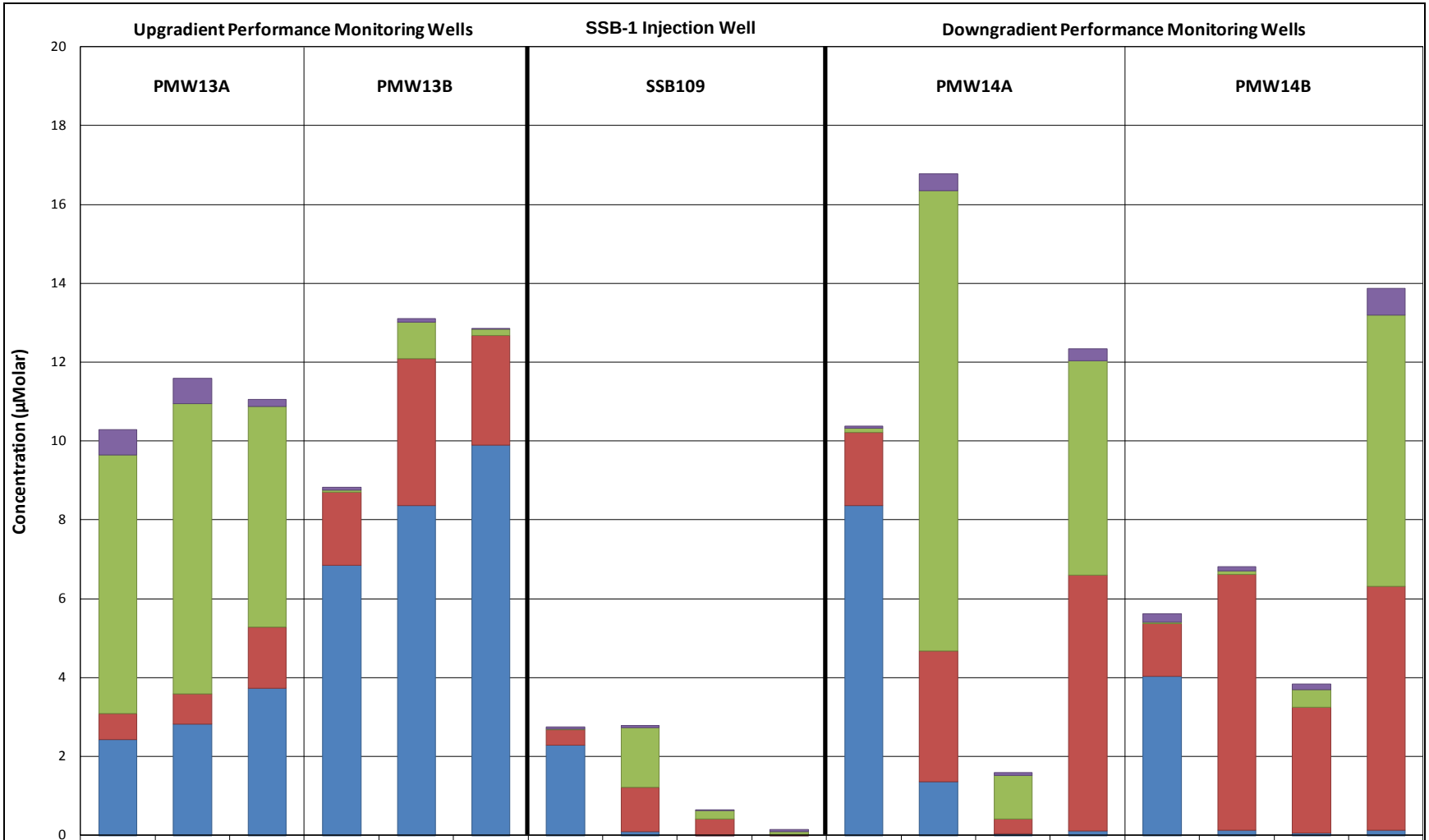
	PMW09			SHB113			PMW10		
	8/27/2008	7/1/2010	9/15/2010	8/27/2008	7/1/2010	9/15/2010	8/27/2008	7/1/2010	9/15/2010
Ethene	0.03	0.05	0.04	0.07	4.28	1.03	0.07	0.05	0.04
VC	0.02	0.05	0.03	0.07	0.42	0.05	0.07	0.08	0.06
cDCE	1.34	13.41	11.35	2.79	0.01	0.03	2.58	10.11	22.69
TCE	3.88	0.06	0.06	32.73	0.00	0.03	16.74	16.74	5.25

Figure 3-8
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the SHB -1



	PMW11A			PMW11B			SHB310			PMW12A				PMW12B			
	8/29/2008	9/8/2009	9/9/2010	8/29/2008	9/8/2009	9/9/2010	8/28/2008	10/13/2009	8/31/2010	9/2/2008	9/17/2009	3/17/2010	9/16/2010	9/2/2008	9/8/2009	3/17/2010	9/16/2010
Ethene	0.03	0.07	0.07	0.03	0.07	0.06	0.05	0.71	0.10	0.02	0.07	0.12	0.13	0.07	0.07	1.57	2.53
VC	0.01	0.02	0.01	0.02	0.03	1.92	0.03	1.10	0.24	0.06	0.82	2.40	0.85	0.02	6.88	4.32	1.58
cDCE	0.38	0.77	0.01	0.72	1.44	6.29	3.09	1.13	2.17	0.40	0.06	0.13	0.01	0.99	0.38	0.05	0.03
TCE	1.22	1.98	0.00	3.81	7.23	0.07	4.41	9.13	0.14	1.29	0.02	0.01	0.01	6.62	0.03	0.06	0.04

Figure 3-9
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the SHB -3



	PMW13A			PMW13B			SSB109				PMW14A				PMW14B			
	9/3/2008	9/1/2009	9/9/2010	9/3/2008	9/1/2009	9/9/2010	8/28/2008	9/3/2009	3/16/2010	9/20/2010	9/3/2008	9/16/2009	3/16/2010	9/20/2010	9/3/2008	9/3/2009	3/16/2010	9/23/2010
Ethene	0.64	0.64	0.18	0.09	0.07	0.03	0.06	0.06	0.02	0.05	0.06	0.43	0.07	0.30	0.21	0.10	0.14	0.68
VC	6.56	7.36	5.60	0.05	0.94	0.16	0.01	1.50	0.21	0.08	0.09	11.68	1.12	5.44	0.03	0.08	0.45	6.88
cDCE	0.65	0.77	1.55	1.86	3.71	2.79	0.40	1.13	0.41	0.01	1.86	3.30	0.36	6.50	1.34	6.50	3.20	6.19
TCE	2.44	2.82	3.73	6.85	8.37	9.89	2.28	0.09	0.01	0.00	8.37	1.37	0.05	0.11	4.03	0.13	0.06	0.13

Figure 3-10
Molar Concentrations of TCE, Cis-1,2-DCE, VC, and Ethene from Performance Monitoring Wells Across the SSB-1

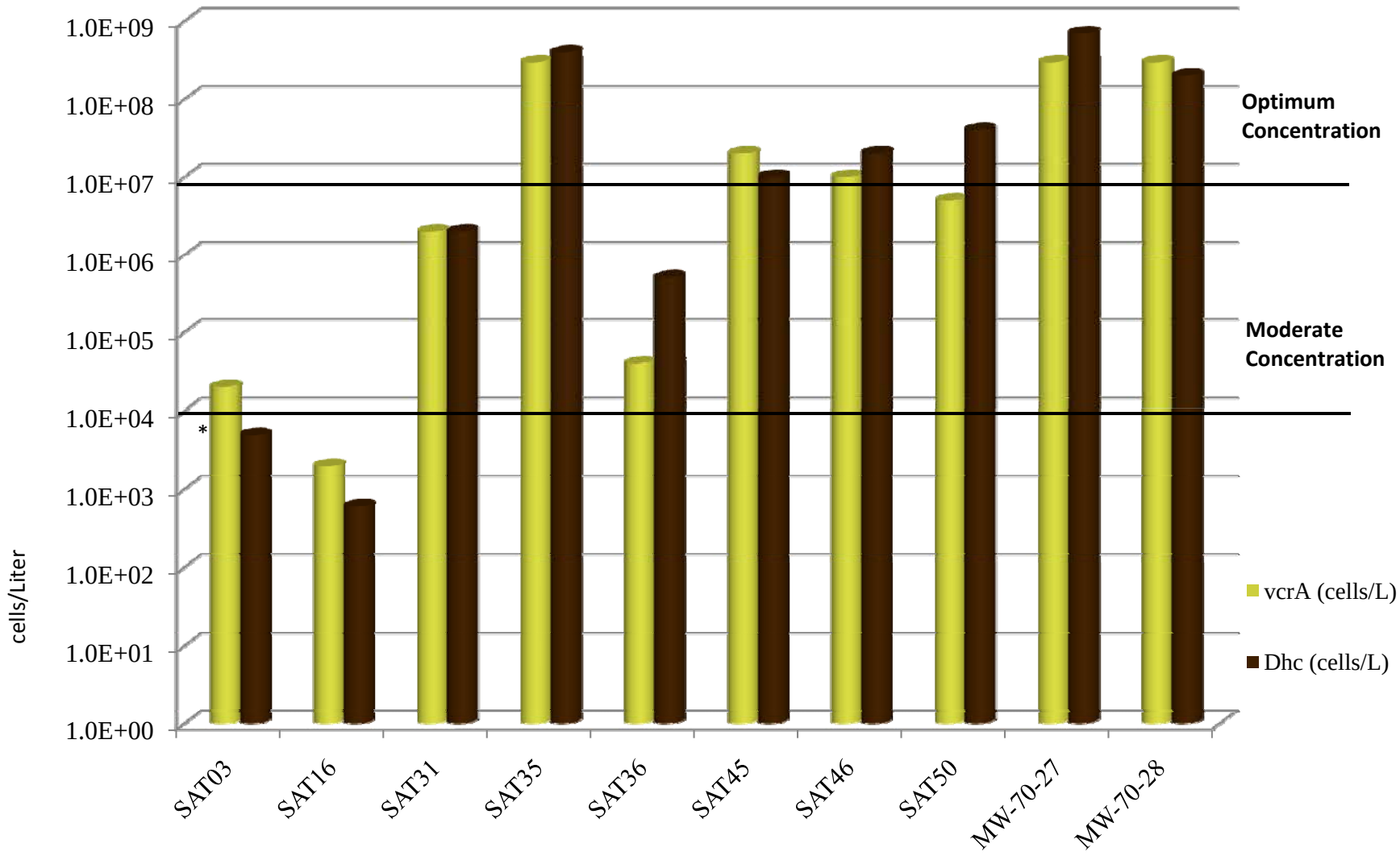


Figure 3-11. Source Area Treatment Grid Dhc/vcrA Results Fall 2010

* vcrA below reporting limit of 20,000 cells/L

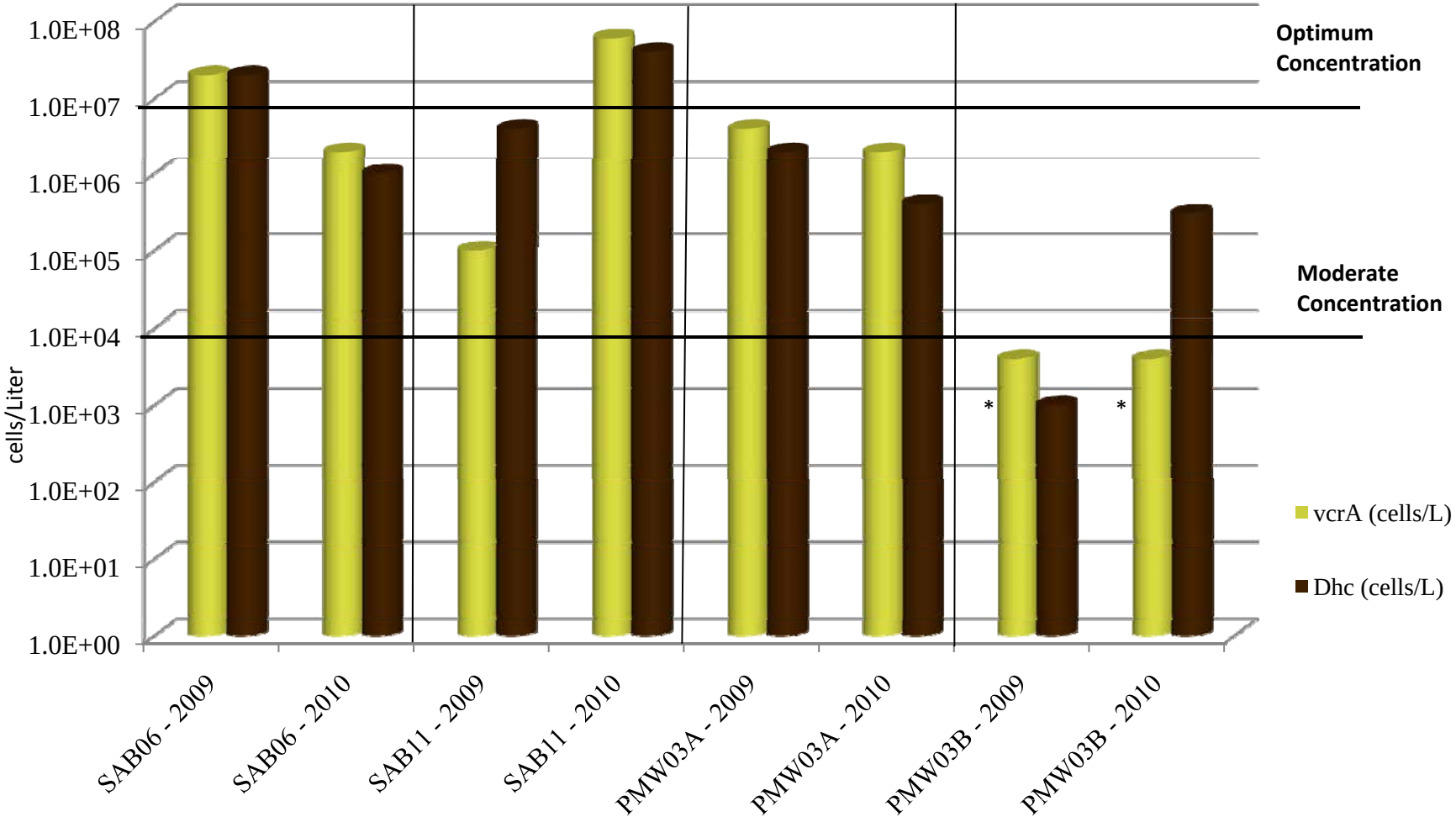


Figure 3-12. Source Area Biobarrier Dhc/vcrA Results Fall 2009 and Fall 2010

* vcrA below reporting limit of 4000 cells/L

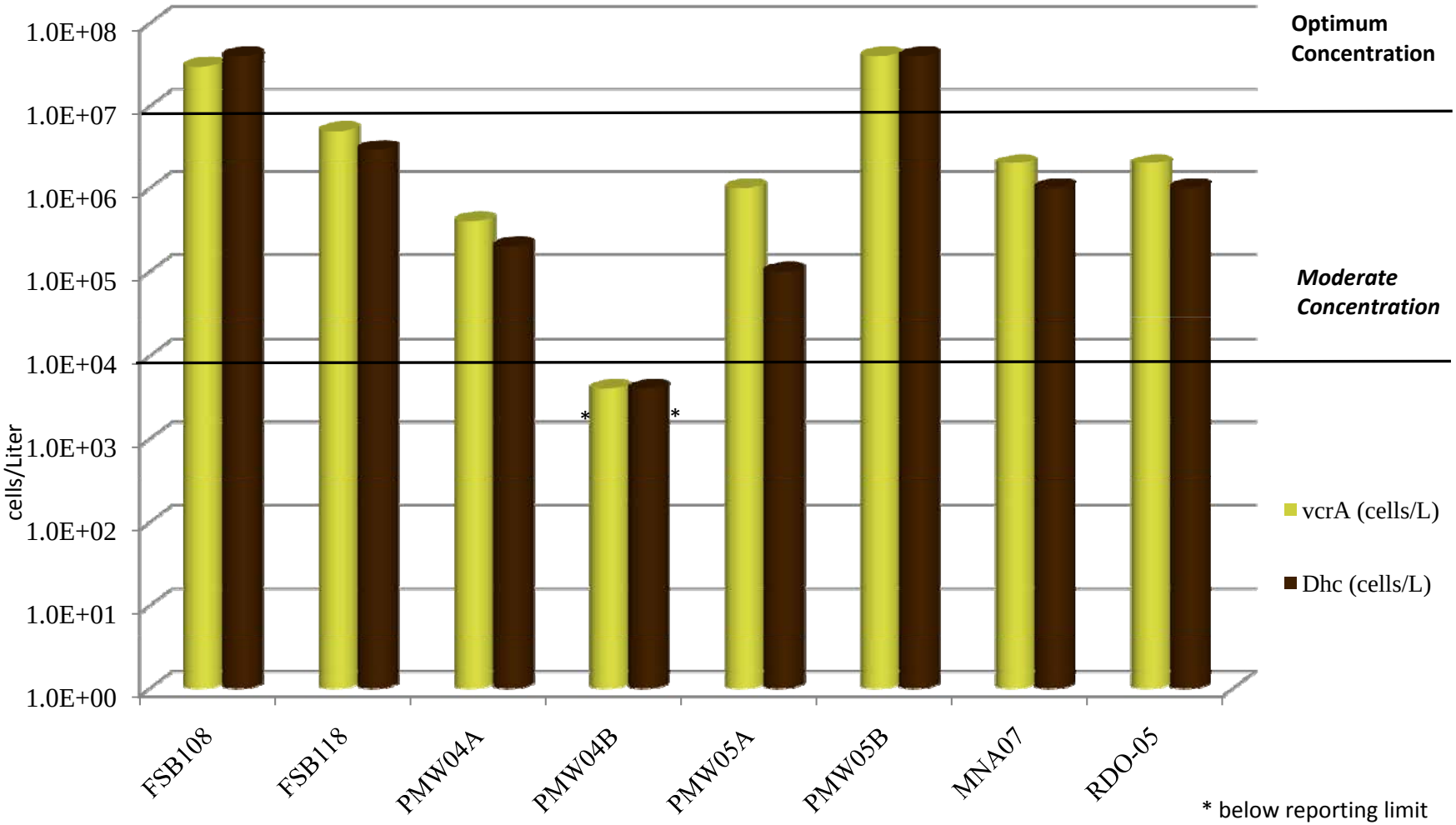


Figure 3-13. First Sand Biobarrier-1 Dhc/vcrA Results
Fall 2010

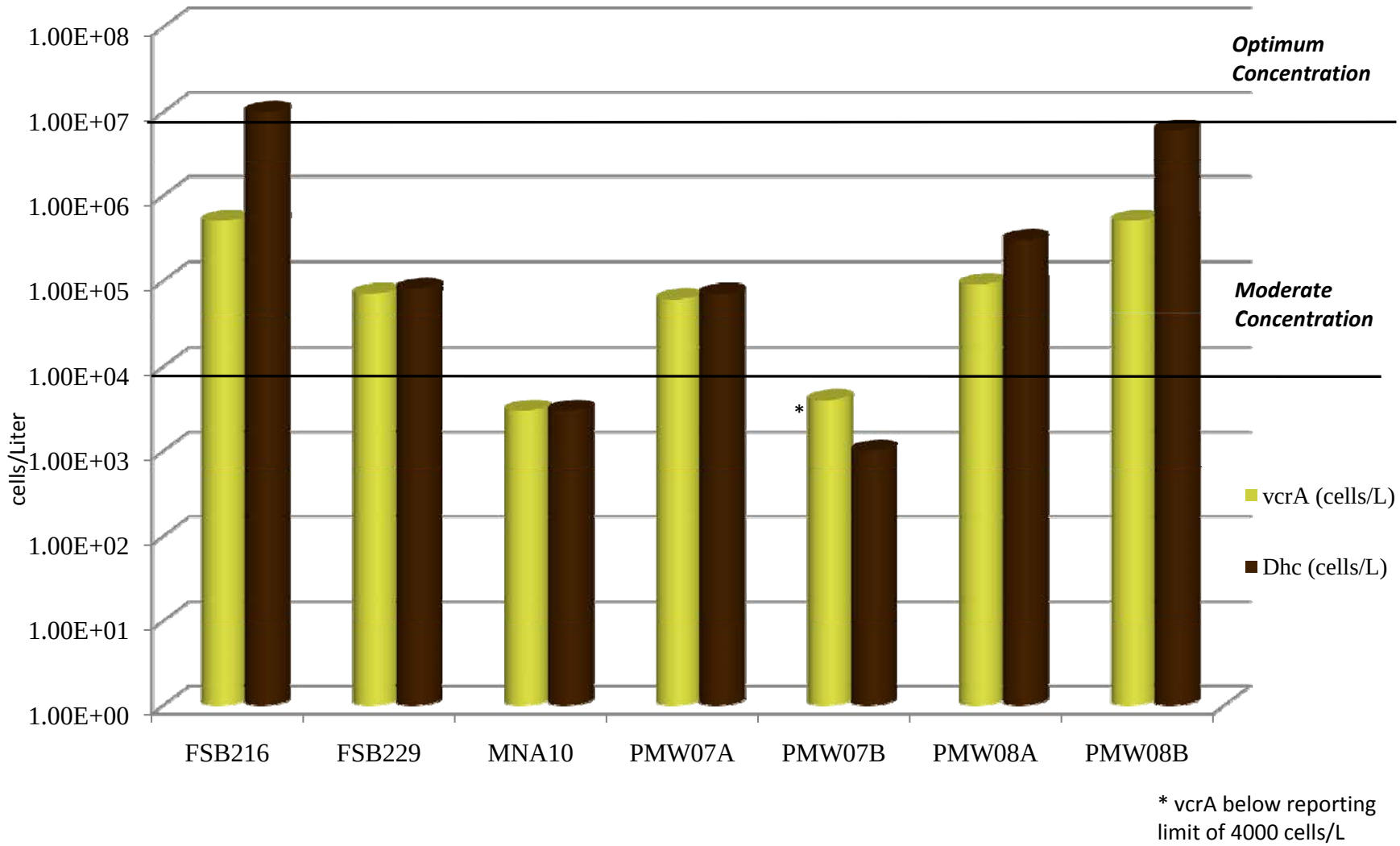


Figure 3-14. First Sand Biobarrier-2 Dhc/vcrA Results
Fall 2010

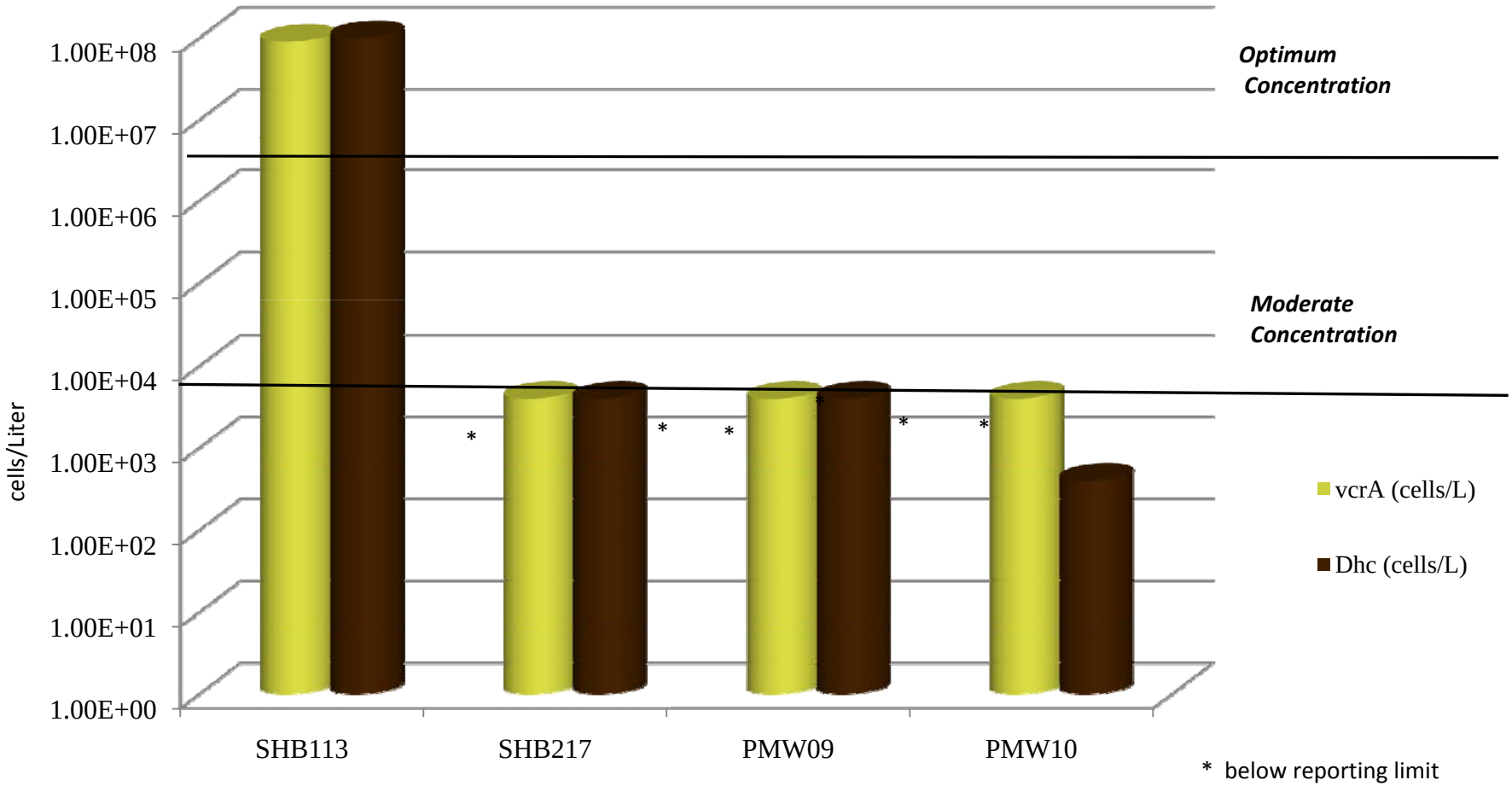


Figure 3-15. Shell Horizon Biobarrier-1 Dhc/vcrA Results
Fall 2010

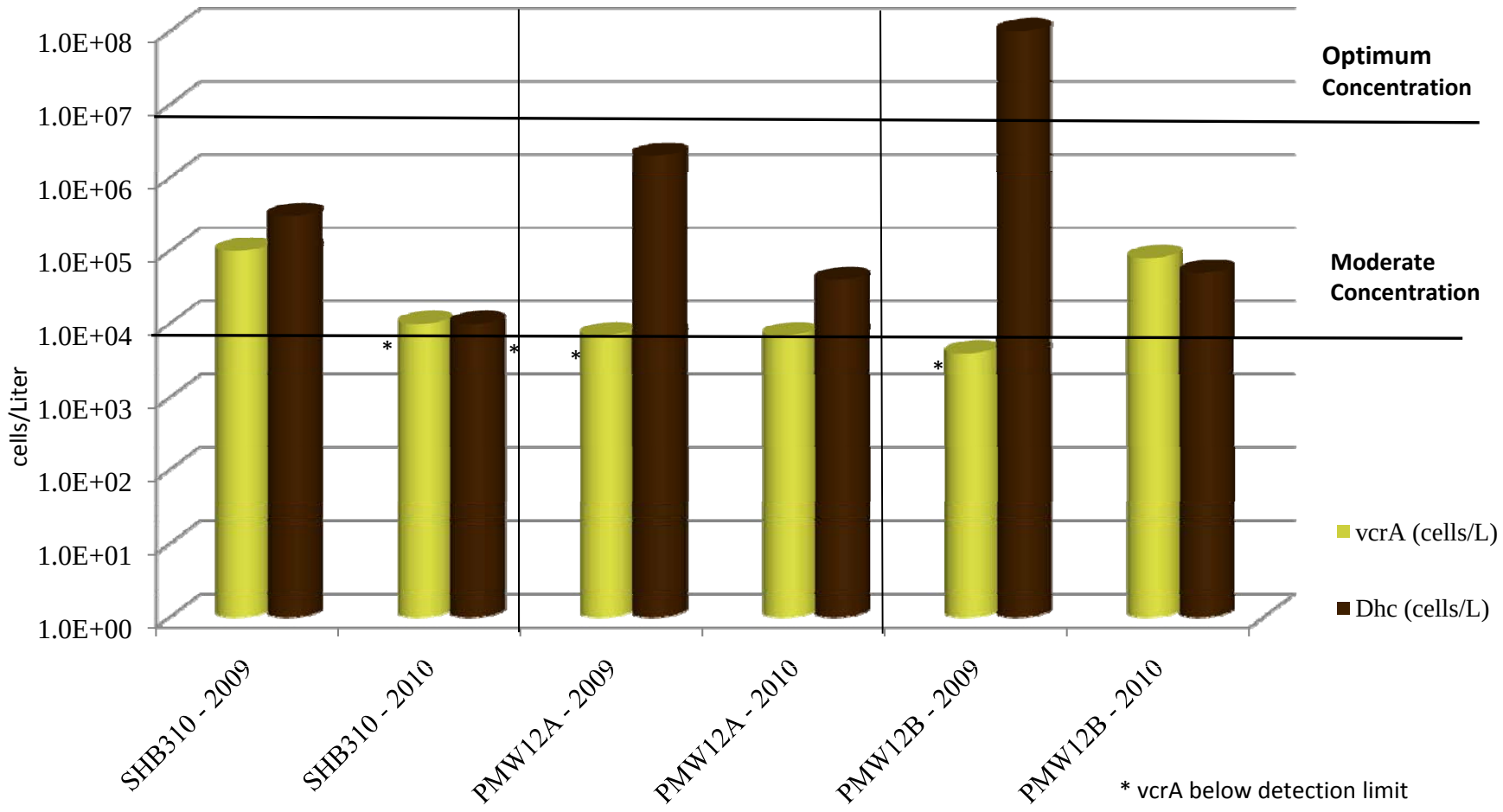


Figure 3-16. Shell Horizon Biobarrier-3 Dhc/vcrA Results Fall 2009 and Fall 2010

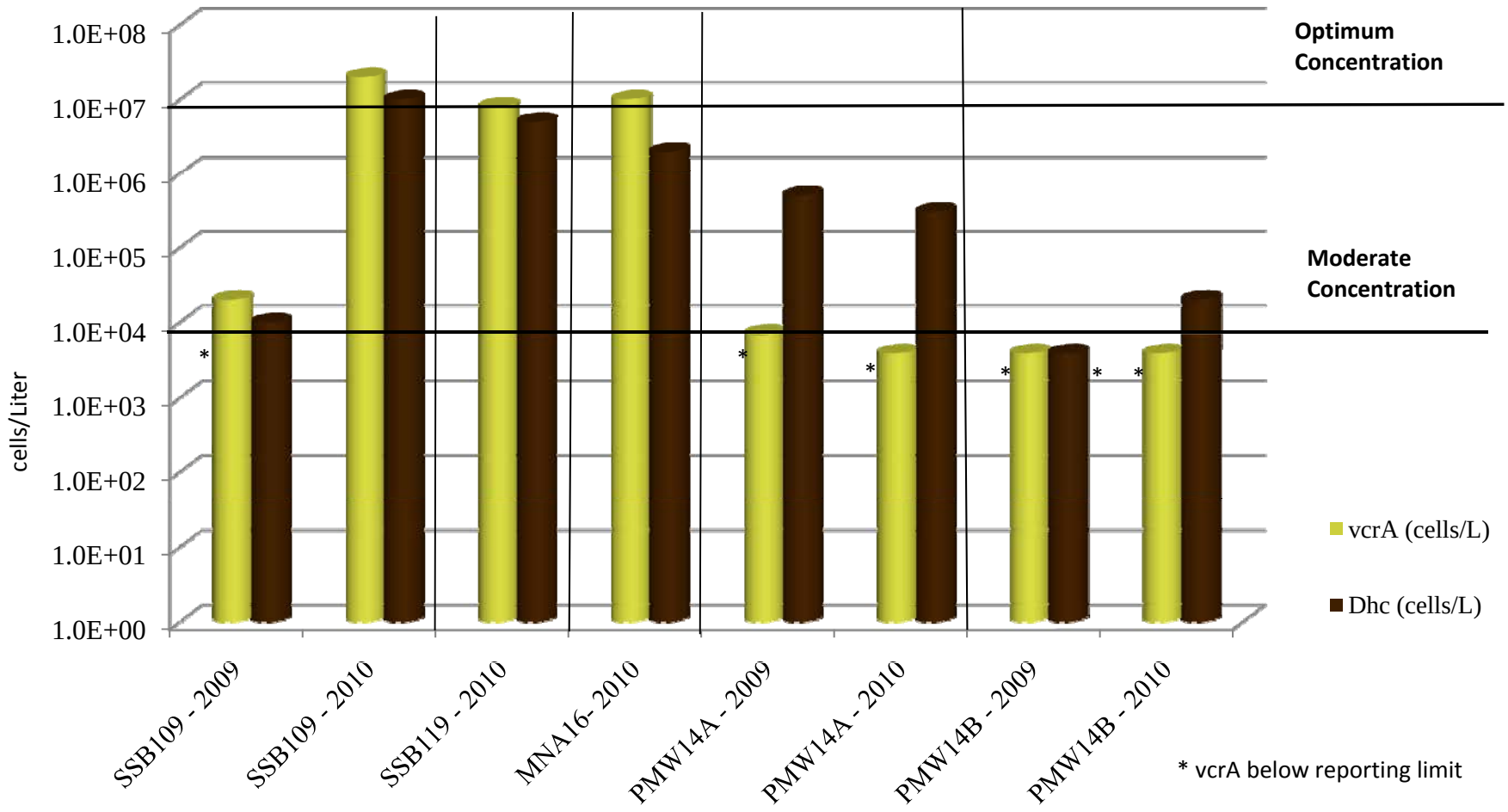


Figure 3-17. Second Sand Biobarrier Dhc/vcrA Results
Fall 2009 and Fall 2010

Section 4

CONCEPTUAL SITE MODEL UPDATE

The purpose of the conceptual site model (CSM) is to provide an analysis and visualization of both the subsurface hydrogeology and dissolved-phase TCE, cis-1,2-DCE, and VC plumes morphologies, which is achieved by using both 2-D water level and plume contours and the 3-D plume visualization (generated via EarthVision). Over several CSM iterations, both the hydrogeology and the TCE contaminant spatial distribution have been improved and refined. This updated CSM provides a comprehensive understanding of the current conditions at Site 70 based on the Fall 2010 performance monitoring program (Figures 4-1 through 4-30). Specific data include:

- Water level elevation data from Fall 2010 annual groundwater monitoring event;
- Groundwater sampling results from Fall 2010. These data were input into EarthVision as a standalone data set to compare the current conditions to the baseline conditions prior to implementing the EISB system; and
- In addition to TCE, the daughter products of reductive dechlorination were incorporated into the model. Specifically, cis-1,2-DCE and VC data sets were included as part of the 2010 3D CSM visualization.

The CSM is described in the remainder of this section. The updated model is compared to the CSM that was developed using results of the baseline sampling that was performed before the EISB remedy was put in place. Changes that have occurred at the site are discussed.

4.1 LITHOLOGY

The lithology encountered during the drilling of the additional 23 new injection wells for the SATG was consistent with the lithological characterization in previous investigations. Hence, no new lithologic information was included in the 2010 performance monitoring sampling event. As such, the hydrogeology of Site 70 in the CSM was based on the August 2008 revision of the CSM generated by EarthVision. A summary of the subsurface hydrogeology is outlined below using the six separate hydrostratigraphic units as model layers. The hydrostratigraphic zones are illustrated in cross-sections Figures 4-23 and 4-24 through the Source Area and through a longitudinal cross-section through the plume in Figures 4-28 through 4-30.

Upper Fines Unit (below the fill to approximately 60 ft bgs [-48 ft msl]). The Upper Fines Unit is comprised of the following five subunits.

- **Clay 1:** The unit consists of predominantly clayey soils from below the fill to a depth of approximately 20 ft bgs [-8 ft msl] (i.e., “surficial fines”);
- **Sand 1:** Starting approximately at a depth of 20 ft bgs [-8 ft msl], a predominantly fine-grained sand is intercepted that ranges in thickness from 2 to 17 ft thick (i.e., “20 ft sand”);

- **Clay 2:** Starting approximately at a depth of 30 to 38 ft bgs [-18 to -26 ft mal], a predominantly clayey unit is intercepted that ranges in thickness from approximately 3 to 10 ft thick (i.e., "30 ft fines");
- **Sand 2:** Starting at a depth of 38 to 57 ft bgs [-26 to -45 ft msl], a fine- to medium-grained sand unit is intercepted that ranges in thickness from 13 to 20 ft thick (i.e., "40 ft sand"); and
- **Clay 3:** Starting at a depth of approximately 57 to 60 ft bgs [-45 to -48 ft msl], a silty clay to clay layer is intercepted that ranges in thickness from 2 to 3 ft thick (i.e., "60 ft clay").

- **First Sand Unit (approximately 60 to 105 ft bgs [-48 to -93 ft msl]).** The First Sand Unit consists of interbedded fine-grained and medium-grained sands and silty sands. A coarse sand/fine gravel layer was encountered in several borings between 80 and 95 ft bgs [-68 to -83 ft msl], and localized clays layers were noted between 80 to 90 ft bgs [-68 to -88 ft msl] in several SAB injection wells. The First Sand Unit varies in thickness from approximately 30 to 50 ft.
- **Shell Horizon Unit (approximately 105 to 135 ft bgs [-93 to -123 ft msl]).** The Shell Horizon Unit is consists a sequence of inter bedded clays, silts, sands, and gravels with laterally discontinuous interbeds of dense shells and shell fragments. In the source area, this unit is comprised of a sequence of interbedded clays, silts, sands, and gravels. The unit transitions to predominantly fine grained sand near RDO well RDO-6A/B between First and Second Streets in the dissolved-phase plume area. Within the CSM, the Shell Horizon has been subdivided into the Shell Horizon Clays (interbedded) and Shell Horizon Sand (fine-grained) to reflect differences in the hydrogeologic characteristics and potential plume migration behavior.
- **Second Sand Unit (approximately 135 to 170 ft bgs [-123 to -158 ft msl]).** Similar in character to the First Sand Unit, however, this lower unit appears to be slightly coarser in its upper section.
- **Deep Clay Unit (approximately 170 to 190 ft bgs).** The Deep Clay Unit consists of upper clay to silty clay horizon and an underlying clayey silt, silt, sandy silt, or sandy clay layer. The upper clay to silty clay horizon appears to be a continuous low-permeability unit that is encountered at depths ranging between 164 to 176 ft bgs. The upper clay to silty clay unit grades downward to clayey silt, silt, sandy silt, or sandy clay. This underlying layer is 3 to 20 ft thick, extending to depths of 175 to 188 ft bgs. Below the clayey silt, silt, sandy silt, or sandy clay layer is a silty sand and sand layer, up to 6 feet thick, which has been found to a depth of 191 ft bgs in extended removal site evaluation (ERSE) borings at NAVWPNSTA Seal Beach.
- **Deep Sand Unit (approximately 190 ft bgs and below).** The Deep Sand Units has fine-grained sands and silty sands and appears to be similar in character to the First and Second Sand Units. It should be noted that the Deep Sand Unit has been logged in only a few boreholes on NAVWPNSTA Seal Beach (BEI 2002).

4.2 GROUNDWATER FLOW AND DIRECTION

Groundwater levels were measured in 74 wells on August 25, 2010 (Table 4-1). The horizontal hydraulic gradient and flow direction were determined for each of the five defined hydrostratigraphic units: Upper Fines, First Sand, Shell Horizon, Second Sand, and Deep Sand. Water level elevation contour maps that denote these gradients and flow direction for each of the units are depicted in Figures 4-1 through 4-5.

Potential external factors that may influence local horizontal and vertical gradients and groundwater flow direction include the groundwater pumping (regional and agricultural water supply wells) and aquifer recharge (e.g., Alamitos Injection Barrier) activities. Groundwater pumping and aquifer recharge in the Orange County Groundwater Basin causes significant temporal fluctuations in the local groundwater elevations (Geosyntec 2006b). Specifically, variability in the groundwater behavior at IR Site 70 may be caused by changes in operation of the Alamitos Injection Barrier. The Alamitos Injection Barrier, located to the northwest of IR Site 70 (Appendix G), is operated jointly by Los Angeles County Department of Public Works, the Water Replenishment District of Southern California, and the Orange County Water District (OCWD) as a hydraulic barrier to seawater intrusion. This barrier includes the injection of fresh water at depths as shallow as 27 ft bgs (Geosyntec 2006b). The closest injection well is approximately 2,000 feet northwest of IR Site 70.

OCWD well production data from municipal and agricultural wells located within a 2-mile radius of IR Site 70 were reviewed to determine the possible influence of production wells on IR Site 70 water levels (Appendix G). In addition, precipitation data from 2010 for the Long Beach airport was reviewed to determine the influence of precipitation on the water levels and is presented in Appendix G. Water levels have risen up to 6 feet in most wells since the baseline water level measurements in 2008. One of the influences may be higher than normal rain fall in Water Year (WY) 2010. The annual precipitation totals for WY 2010 was 15.66 inches for the Long Beach area, compared to 9.44 inches in WY 2009 (Insight 2009a and Insight 2010).

4.2.1 UPPER FINES GROUNDWATER ELEVATIONS

Groundwater level elevations were measured in thirteen Upper Fines monitoring wells on August 25, 2010. The Upper Fines is the shallowest hydrostratigraphic unit defined from ground surface to approximately 60 ft bgs (Tables 1-2 and 4-1; Figure 4-1).

Groundwater elevations in the Upper Fines baseline monitoring wells ranged from 1.64 ft below MSL in well MW-70-22 to 8.72 ft below MSL in well MW-70-28. Depth to water ranged from 11.85 ft in well MW-70-22 to 17.02 ft in well MW-70-28 (Table 4-1; Figure 4-1).

The direction of groundwater flow in August 2010 was to the south/southwest in the Source Area Treatment wells towards a groundwater “low” and northwest in the vicinity of the Source Area Treatment wells. Comparison of historical data shows similar patterns (BEI 2006). Horizontal hydraulic gradients in the Upper Fines Unit ranged from approximately 0.002 foot/foot (ft/ft), in

the area southeast of Kitts Highway to 0.005 foot/foot in the area northwest of Kitts Highway (Figure 4-1).

The variable groundwater direction and horizontal hydraulic gradients observed in the Upper Fines Unit is consistent with previous investigations to date. An old stream drainage system may be traced from the area due north of IR Site 70, north of Westminster Boulevard, trending southwest through the current location of IR Site 70, subparallel to the current drainage channel that ultimately flows into Anaheim Bay (BEI 2006). The old drainage system is currently covered with structures at IR Site 70. Previous investigations attribute the variable direction and gradients in the shallowest zone to the presence of the old drainage system (BEI 2006). In addition, a review of the OCWD municipal and agricultural data suggests that injection wells in the area west of IR Site 70, part of the Alamitos Injection Barrier Project, may be influencing the water levels in the shallowest Upper Fines Unit (Appendix G).

4.2.2 FIRST SAND GROUNDWATER ELEVATIONS

Groundwater level elevations were measured in thirty-three First Sand monitoring wells on August 25, 2010. The First Sand hydrostratigraphic unit is defined from approximately 60 to 105 ft bgs (Table 4-1; Figure 4-2). The First Sand monitoring wells are further defined spatially based on their proximity to each of the First Sand Biobarriers (FSB): SAB-1, FSB-1, and FSB-2 (Tables 1-2 and 4-1, Figure 4-2).

Groundwater elevations in the First Sand baseline monitoring wells ranged from 8.62 ft below MSL in well MW-70-POC01 to 14.23 ft below MSL in well MW-70-16. Depth to water ranged from 13.58 ft in well MW-70-MNA06 to 24.20 ft in well MW-70-43 (Table 4-1). Four First Sand wells including MW-70-PMW07A, MW-70-PMW08B, MW-70-MNA09 and IW-70-FSB216 were not contoured, which is generally consistent with the 2009 baseline monitoring results (Insight 2010). These wells are screened in the shallower portion of the First Sand between 64 and 75 ft bgs, and show higher water level elevations (Tables 1-2 and 4-1; Figure 4-2).

The direction of groundwater flow in the First Sand hydrostratigraphic unit in August 2010 was to the south/southeast, consistent with previous monitoring results (Insight 2009a; Insight 2010; BEI 2006). Horizontal hydraulic gradients in the First Sand ranged from 0.001 to 0.01 ft/ft. The steeper horizontal hydraulic gradients are observed directly east of Kitts Highway and west of 3rd Street. Shallower horizontal hydraulic gradients are observed northwest of Kitts Highway and east of 3rd Street, consistent with the 2010 baseline monitoring results (Figure 4-2; Insight 2009a). The upward vertical gradient between the Shell Horizon and First Sand Unit in the area of MW-70-MNA12 is also consistent with previous groundwater monitoring results (BEI 2006; Insight 2009a; Insight 2010).

4.2.3 SHELL HORIZON GROUNDWATER ELEVATIONS

Groundwater level elevations were measured in twelve Shell Horizon monitoring wells on August 25, 2010. The Shell Horizon hydrostratigraphic unit is defined from approximately 105 to 135 ft bgs. The Shell Horizon monitoring wells are further defined spatially based on their proximity to each of the Shell Horizon Biobarriers: SHB-1 and SHB-3 (Tables 1-2 and 4-1, Figure 4-3).

Groundwater elevations in the Shell Horizon monitoring wells ranged from 12.51 ft below MSL in well IW-70-SHB113 to 14.88 ft below MSL in well MW-70-23. Depth to water ranged from 19.29 ft in well MW-70-PMW10 to 26.05 ft in well MW-70-23 (Table 3-1, Figure 4-3).

The direction of groundwater flow in the Shell Horizon hydrostratigraphic unit in August 2010 was to the southeast, consistent with previous monitoring results (Insight 2010). The horizontal hydraulic gradient in the Shell Horizon was approximately 0.002 ft/ft (Figure 4-3).

4.2.4 SECOND SAND GROUNDWATER ELEVATIONS

Groundwater level elevations were measured in thirteen Second Sand monitoring wells on August 25, 2010. The Second Sand hydrostratigraphic unit is defined from approximately 135 to 170 ft bgs. The Second Sand monitoring wells are further defined spatially based on their proximity to the Second Sand Biobarrier: SSB-1 (Tables 1-2 and 4-1, Figure 4-4).

Groundwater elevations in the Second Sand monitoring wells ranged from 12.46 ft below MSL in well MW-70-PMW14A to 16.40 ft below MSL in well MW-70-21. Depth to water ranged from 18.97 ft bgs in well MW-70-MNA15 to 24.25 ft bgs in well MW-70-43B (Table 4-1). Due to differences in elevation in comparison to the remainder of the wells in the Second Sand the following wells were not contoured: MW-70-43B, MW-70-MNA15, MW-70-MNA17, and IW-70-SSB109 (Tables 1-2 an 4-1, Figure 4-4). The differences in the elevations in these wells may be due to a combination of local lithologic differences in the Second Sand as well as some differences in screen intervals. Well MW-70-43B is screened slightly shallower between 136 to 146 ft bgs. IW-70-SSB109 is screened over a greater interval, between 126 to 166 ft bgs. Well MW-70-MNA17 is screened between 140 and 150 feet bgs. Although data from wells IW-70-SSB109 and MW-70-MNA17 were consistent with other wells and were contoured during the 2008 baseline monitoring, the differences in elevation in 2009 and 2010 may be due to localized effects from the injection and therefore, were not included in the contours in this report.

The direction of groundwater flow in the Second Sand hydrostratigraphic unit in August 2010 was to the southeast, consistent with previous monitoring results (BEI 2006; Insight 2009a; Insight 2010). The horizontal hydraulic gradient in the Second Sand was approximately 0.002 ft/ft, also generally consistent with the 2009 baseline results (Figure 4-4).

4.2.5 DEEP SAND GROUNDWATER ELEVATIONS

Groundwater level elevations were measured in three Deep Sand POC wells on August 25, 2010. The Deep Sand hydrostratigraphic unit is defined as depths greater than 190 ft bgs (Tables 1-2 and 4-1, Figure 4-5).

Groundwater elevations in the Deep Sand POC wells ranged from 12.70 ft below MSL in well MW-70-POC03 to 17.58 ft below MSL in well MW-70-POC04. Depth to water ranged from 22.34 ft bgs in well MW-70-POC03 to 26.08 ft bgs in well MW-70-POC04 (Table 4-1).

The direction of groundwater flow in the Deep Sand hydrostratigraphic unit in August 2010 was to the east/southeast, consistent with August 2009 monitoring (Figure 4-5). The direction of groundwater flow in the Deep Sand during the baseline monitoring performed in August 2008, was to the northeast, and interpreted to have been influenced by municipal and agricultural production wells north and east of the site. Review of the OCWD well information for the surrounding area indicates that the influence of municipal and agricultural wells resulted in increase of up to 7 feet of groundwater throughout the IR Site 70 (Appendix G).

The horizontal hydraulic gradient in the Deep Sand in August 2010 was approximately 0.002 ft/ft, consistent with the horizontal hydraulic gradient of 0.002 ft/ft, measured during the baseline monitoring in 2008 (Insight 2009a, 2010).

4.2.6 SUMMARY OF GROUNDWATER FLOW AND DIRECTION

Hydraulic directions and gradients in the hydrostratigraphic units have been generally consistent with previous investigations (Appendix F; Insight 2009a, 2010; BEI 2006; Geosyntec 2006b). Groundwater elevations ranged from 1.64 ft below MSL in Upper Fines POC well MW-70-22 to 17.58 in the Deep Sand POC well MW-70-POC04. Horizontal hydraulic gradients ranged from 0.001 to 0.005 foot per foot.

The vertical head difference between hydrogeologic units indicates generally downward vertical gradients of groundwater flow throughout the plume and source areas between the Upper Fines, First Sand, Shell Horizons, Second Sand and Deep zones. This is consistent with previous observations (Appendix F; Insight 2009a, Insight 2010, Geosyntec 2006b).

4.3 CONTAMINANTS OF CONCERN IN GROUNDWATER

This section discusses the COCs in relation to the TCGs (Table 1-3) in each of the hydrostratigraphic zones based on the groundwater monitoring results during the annual Fall 2010 sampling event (Tables 3-2 through 3-13; Table 4-2; Figures 4-6 through 4-18). The most recent analytical results are compared to the 2008 baseline event to demonstrate the transformation of the dissolved plume since the EISB implementation. In addition, the overall projected 250 µg/L dissolved TCE plume is evaluated and compared to the extent of the cis-1,2-DCE and VC plumes to update the CSM with respect to the dissolved plume at IR Site 70 during the Fall 2010 annual performance monitoring. Baseline groundwater monitoring plume maps are presented in Appendix G.

4.3.1 UPPER FINES CONTAMINANTS OF CONCERN

Groundwater samples were collected from sixteen Upper Fines SATG wells and 4 Upper Fines POC wells (MW-70-02, MW-70-10, MW-70-17 and MW-70-22) during the Fall 2010 annual groundwater monitoring event (Tables 3-2 and 3-3). Concentration contours showing TCE, cis-1,2-DCE and VC in the Upper Fines in the Fall 2010 groundwater monitoring event at the Target Cleanup Goals are depicted in Figures 4-6 through 4-8.

A comparison of concentrations of TCE, 1,2-DCE (cis- and trans-) and VC reported in the Upper Fines performance monitoring wells in the 2008 baseline and Fall 2010 groundwater monitoring events are shown in Table 4-2. The following observations are summarized:

- In the SATG area, the maximum TCE concentration decreased by one order of magnitude between the 2008 baseline groundwater monitoring and the Fall of 2010 annual groundwater monitoring event.
- In the SATG area, DCE concentrations generally increased between the 2008 baseline groundwater monitoring and the Fall of 2010 annual groundwater monitoring event.
- In the SATG area, VC concentrations generally increased two orders of magnitude in some wells (MW-70-27, MW-70-MNA01) and even three orders of magnitude in MW-70-PMW01B.
- Since the SATG injections of EVO were completed in August 2010, the decrease in TCE and increase in DCE and VC may be attributed to the completion of the ESTCP project in late 2009.
- The micromolar concentrations presented in Section 3 for each of the biobarriers support the CSM and demonstrate that dechlorination is occurring in the Upper Fines.
- TCE, DCE and VC were not reported above the reporting limit in the Upper Fines POC wells.

The results for other COCs present in the Upper Fines may be summarized as follows:

- Chloroform was reported below the TCG of 100 µg/L in the Upper Fines, SATG and POC wells during the Fall of 2010 annual groundwater monitoring event, consistent with the 2008 baseline and 2009 annual groundwater monitoring events.
- 1,1-DCE was reported above the TCG of 6 µg/L in the Upper Fines and SATG wells, during the Fall 2010 annual groundwater monitoring event. 1,1-DCE was reported below detection limits in the Upper Fines POC wells.
- Tetrachloroethene (PCE) was reported at low concentrations, below the MCL of 5 µg/L in all of the SATG and four Upper Fines POC wells during the Fall 2010 annual groundwater monitoring event.

1,2-DCA was reported above the State MCL of 0.5 µg/L in several of the SATG wells – however, the selected EISB remedy will also address this contaminant. Concentrations of 1,2-DCA will continue to be monitored to ensure compliance with the MCL.

Although not a COC, MTBE was reported at a concentration of 2.8 µg/L in Upper Fines POC well MW-70-02 during the Fall 2010 annual groundwater monitoring event. MTBE was reported at a concentration of 2.4 µg/L during the 2009 groundwater monitoring event. Since MW-70-02 is upgradient of the Source Area, MTBE may have a source north of IR Site 70, most likely outside Navy property. In review of the State Water Resources Control Board GeoTracker web site, 3 gas stations are located directly upgradient and off-site of IR Site 70 and may be potential sources of the MTBE (SWRCB, 2011).

The following other constituents, not considered COCs at Site 70, were also reported in the Upper Fines unit during the Fall 2010 groundwater monitoring event and are below MCLs: 1,1,1-trichloroethane (1,1,1-TCA), 1,1,2-trichloroethane (1,1,2-TCA), 1,1-dichloroethane (1,1-DCA), 1,2-dichloropropane, 2-butanone, 2-hexanone, acetone, benzene, carbon disulfide, chloroethane, chloromethane, ethylbenzene, Freon 113, methylene chloride, o-xylene, toluene, trichlorofluoromethane, total xylenes (Tables 3-2 and 3-3).

4.3.2 FIRST SAND CONTAMINANTS OF CONCERN

Groundwater samples were collected from thirty-two First Sand wells, and 4 First Sand POC wells during the Fall 2010 annual groundwater monitoring event (Tables 3-4 through 3-7). Concentration contours showing TCE, cis-1,2-DCE and VC in the Upper Fines in the Fall 2010 groundwater monitoring event at the Target Cleanup Goals are depicted in Figures 4-9 through 4-11.

A comparison of the concentrations of TCE, 1,2-DCE (cis- and trans-) and VC reported in the First Sand performance monitoring wells during the 2008 baseline and Fall 2010 groundwater monitoring events are shown in Table 4-2. The following observations are summarized:

- Although the maximum 2010 TCE and cis-1,2-DCE concentrations in the First Sand were of similar magnitude and concentration to the 2008 baseline event, the location of the maximum TCE and cis-1,2-DCE concentrations shows that the greatest concentration decrease occurred in the area of the SAB, which was the first biobarrier where EISB was implemented at IR Site 70. Hence, the area around the SAB has had the greatest change in transformation from TCE to cis-1,2-DCE where EISB has had a longer time to be effective.
- In addition, in the area associated with FSB-2, where EISB implementation was completed in November 2009, monitoring wells MW-70-MNA10 and MW-70-MNA12 have shown a two-order magnitude decrease in TCE concentrations and an order of magnitude increase in cis-1,2-DCE concentrations. This is evidence that dechlorination is progressing in FSB-2.
- TCE concentrations decreased two orders of magnitude in well MW-70-MNA08, downgradient of FSB-1. Cis-1,2-DCE concentrations increased an order of magnitude in well MW-70-MNA08, located downgradient of FSB-1.
- TCE concentrations decreased an order of a magnitude in well MW-70-MNA07, directly downgradient of FSB-1.

- Cis-1,2-DCE was reported below the TCG of 6 µg/L in First Sand POC wells MW-70-11 and MW-70-35 during the Fall 2010 groundwater monitoring event. Cis-1,2-DCE was reported at approximately the same concentrations (below 2 µg/L) in these wells during the 2008 baseline event.

The results for the remaining COCs in the First Sand may be summarized as follows:

- Chloroform was reported below the TCG of 100 µg/L in the First Sand POC wells during the Fall of 2010 annual groundwater monitoring event, consistent with the 2008 baseline and 2009 annual groundwater monitoring events.
- 1,1-DCE was reported above the TCG of 6 µg/L in the First Sand well MW-70-PMW04B, MW-70-MNA08, MW-70-PMW06A and MW-70-PMW06B during the Fall of 2010 annual groundwater monitoring event. 1,1-DCE was reported below detection limits in the Upper Fines POC wells.
- PCE was reported below reporting limits in the First Sand during the Fall 2010 annual groundwater monitoring event.

1,1-DCA was reported below MCLs in First Sand POC well MW-70-35, consistent with data reported during the 2008 baseline event.

The following other constituents were also reported in the First Sand unit during the Fall 2010 groundwater monitoring event and are below MCLs: 1,1-DCA, 1,2-dichloropropane, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, acetone, benzene, carbon disulfide, chloroethane, chloromethane, ethylbenzene, m,p-xylene, o-xylene, toluene, trichlorofluoromethane, total xylenes (Tables 3-4 through 3-7).

4.3.3 SHELL HORIZON CONTAMINANTS OF CONCERN

Groundwater samples were collected from thirteen Shell Horizon wells, and one Shell Horizon POC well during the Fall 2010 annual groundwater monitoring event (Tables 3-8 through 3-10). Concentration contours showing TCE, cis-1,2-DCE and VC in the Upper Fines in the Fall 2010 groundwater monitoring event at the Target Cleanup Goals are depicted in Figures 4-12 through 4-14.

A comparison of the maximum concentrations of TCE, 1,2-DCE (cis- and trans-) and VC reported in the Shell Horizon during the 2008 baseline and Fall 2010 groundwater monitoring events are summarized in Table 4-2. The following observations are summarized:

- TCE concentrations have decreased two orders of magnitude in injection well IW-70-SHB113, associated with SHB-1, and almost an order of magnitude in well MW-70-PMW10, downgradient of SHB-1 between the 2008 baseline and Fall 2010 annual groundwater monitoring events. Similarly, TCE concentrations have reduced two orders of magnitude in wells associated with SHB-3 between 2008 and 2010. SHB-1 and SHB-3 EISB implementations were completed on April 2010 and September 2009, respectively. TCE reduction of almost an order of magnitude is also observed in well IW-70-SHB217, located between SHB-1 and SHB-3.

- Cis-1,2-DCE concentrations have generally increased in wells associated with both SHB-1 and SHB-3, although in some wells, the transformation to VC appears to have occurred (e.g., IW-70-SHB113, MW-70-PMW12B).

The results for the remaining COCs in the Shell Horizon may be summarized as follows:

- Chloroform was reported below reporting limits in the Shell Horizon wells during the Fall of 2010 annual groundwater monitoring event, consistent with the 2008 baseline and 2009 annual groundwater monitoring events.
- 1,1-DCE was reported above the TCG of 6 µg/L in the Shell Horizon well MW-70-PMW10 during the Fall 2010 annual groundwater monitoring event. This is consistent with previous monitoring event, which was conducted in summer 2010.
- PCE was reported below reporting limits in the Shell Horizon during the Fall 2010 annual groundwater monitoring event.

VOCs were reported below reporting limits in Shell Horizon POC well MW-70-23.

The following other constituents were also reported in the Shell Horizon during the Fall 2010 groundwater monitoring event and are below MCLs: 1,1-DCA, 2-butanone, acetone, carbon disulfide, chloroethane, toluene (Tables 3-8 through 3-10).

4.3.4 SECOND SAND CONTAMINANTS OF CONCERN

Groundwater samples were collected from eleven Second Sand wells, and five Second Sand POC wells during the Fall 2010 annual groundwater monitoring event (Tables 3-11 through 3-12). Concentration contours showing TCE, cis-1,2-DCE and VC in the Second Sand in the Fall 2010 groundwater monitoring event at the Target Cleanup Goals are depicted in Figures 4-15 through 4-17.

A comparison of the maximum concentrations of TCE, 1,2-DCE (cis- and trans-) and VC reported in the Second Sand during the 2008 baseline and Fall 2010 groundwater monitoring events are shown in Table 4-2. The following observations are summarized:

- TCE concentrations in groundwater within and immediately adjacent to the SSB-1 have generally remained stable or decreased, between the 2008 baseline and Fall 2010 annual monitoring events, However, since the EISB implementation in March 2009, TCE concentrations in the Second Sand, upgradient and downgradient of SSB-1, have increased in wells MW-70-MNA15, MW-70-43B, and MW-70-15. TCE concentrations in well MW-70-14, located approximately 600 feet north/northeast of SSB-1, have remained stable between the January 2010 and Fall 2010 sampling events, but have increased since the pre-remediation sample taken in 2005 (45 µg/L; BEI 2006). Well MW-70-14 was added to the annual performance monitoring wells in 2009.
- Cis-1,2-DCE concentrations follow a similar trend of stable or decreasing concentrations within and adjacent to the SSB-1 between the 2008 baseline and the Fall 2010 annual monitoring events. However, outside of SSB-1, cis-1,2-DCE concentrations have

increased (e.g., MW-70-MNA15, MW-70-14, MW-70-15, and MW-70-43B). Cis-1,2-DCE was reported below TCGs of 6 µg/L in Second Sand POC well MW-70-36.

- VC remained stable or decreasing in the upgradient MW-70-PMW13A and MW-70-PMW-13B and within the SSB-1. VC has increased two orders of magnitude in performance monitoring wells directly downgradient of SSB-1: MW-70-PMW14A and MW-70-PMW14B.

In addition, the lateral northeastern edge of the Second Sand dissolved plume is defined by the concentrations in well MW-70-14, approximately 600 feet north of the SSB-1. It appears that this area of the plume may not be influenced by the active EISB. The Navy will be monitoring this area closely along with data from well MW-70-43B to ensure that the design criteria for the bioremediation are met.

The results of the remaining COCs in the Second Sand may be summarized as follows:

- Chloroform was reported below reporting limits in the Second Sand wells during the Fall of 2010 annual groundwater monitoring event, consistent with the 2008 baseline annual groundwater monitoring events.
- 1,1-DCE was reported below the TCG of 6 µg/L in the Second Sand wells during the Fall 2010 annual groundwater monitoring event.
- PCE was reported below the MCL of 5 µg/L in the Second Sand POC well MW-70-36 during the Fall 2010 annual groundwater monitoring event, consistent with the 2008 baseline event. In the Fall 2009 sampling event, PCE was reported above the MCL at a concentration of 30 µg/L, but a duplicate sample collected in Fall 2010, confirms that concentrations are stable at 2.7 (original) and 3.0 (duplicate) µg/L since 2008.

The following other constituents were also reported in the Second Sand during the Fall 2010 groundwater monitoring event and are below MCLs: 1,1-DCA, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, carbon disulfide, chloroethane, ethylbenzene, and xylenes (Tables 3-11 and 3-12).

4.3.5 DEEP SAND CONTAMINANTS OF CONCERN

All COCs were reported below TCGs in the three Deep Sand POC wells during the Fall of 2010 annual groundwater sampling. VC was reported at an estimated concentration of 0.20 µg/L in Deep Sand POC well MW-70-POC02 (Figure 4-18).

4.3.6 VISUALIZATION AND SUMMARY OF DISSOLVED PLUME EXTENT

The groundwater data from the Fall 2010 performance monitoring event were imported into an updated post-EISB three-dimensional (3-D) visualization software (EarthVision) as a separate, stand alone data set. By having the 2008 and 2010 data sets generate separate models, the extent of the current TCE plume to the baseline plume is compared to provide a better understanding of progress achieved at IR Site 70 to date. A discussion on the spatial extent of the chlorinated ethenes is provided in the subsequent subsection based on the following EarthVision figures and two-dimensional (2-D) plume contours:

- **2-D CONTOURS OF TCE** - The plume extent for TCE greater than 1000 µg/L in the Source Area at 35 feet bgs is depicted in Figure 4-22. Two cross-sectional views of TCE concentrations greater than 250 µg/L in the source area are shown in Figures 4-23 and 4-24. In addition, the 2008 and 2010 2-D TCE plume extent is projected to the surface to show the change in TCE plume morphology through the units in Figures 4-19 and 4-20, respectively.
- **3-D PLUME MORPHOLOGY** – As part of the visualization of the dissolved plume morphology, 3-D figures were generated using EarthVision for TCE, cis-1,2-DCE and VC (Figures 4-25, 4-26 and 4-27). The 3-D plume figures are shown at TCE concentrations greater than 250 µg/L (Figure 4-25), the design basis concentration for which the active bioremediation was designed (Geosyntec 2006b). The reductive dechlorination daughter products, cis-1,2-DCE and VC, are depicted at concentrations greater than 10 times the TCGs: Figure 4-26 at 60 µg/L for cis-1,2-DCE and Figure 4-27 at 50 µg/L for VC. These figures present the chlorinated ethene (i.e., TCE, cis-1,2-DCE, and VC) plume morphologies in four view points: plan, oblique, profile, and rotated 32° from horizontal.
- **SELECTED CROSS-SECTIONS -** To provide an understanding through the center line of the plume, longitudinal cross-section (J-J') figures were generated for TCE, cis-1,2-DCE and VC (Figure 4-28, 4-29, and 4-30, respectively).

4.3.6.1 TRICHLOROETHENE

Overall changes noted during the post-EISB performance monitoring include a reduction in the number of wells where concentrations of TCE greater than 250 parts per billion (ppb) were observed. Specifically, a total of 11 out of 58 performance monitoring wells in 2010 had TCE concentrations greater than 250 µg/L compared to 32 out of 56 wells during the baseline in 2008. In comparison to the baseline CSM, the updated greater than 250 µg/L TCE plume distribution shows substantial decreases in width (orthogonal to the plume axis [cross-section line J-J'] in plain view), length (parallel to the plume axis [J-J'] in plain view) and depth (vertical distribution along J-J'). These comparisons are based on the numerical model calculated using the 2010 monitoring results.

The extent of the 250 µg/L plume in the Second Sand is generally wider than originally anticipated per the Remedial Design (Geosyntec 2006b). The addition of well MW-70-14 to the Second Sand monitoring program in 2009, allowed characterization of the northeastern portion of the dissolved plume.

The extent of the 5 µg/L (MCL) TCE plume appears stable, but is extended slightly downgradient in the Second Sand. In this area, TCE concentrations in MW-70-15 measured in 2010, are reported at 14 µg/L, which is an increase from the 2009 concentration of 6.9 µg/L, and an estimated concentration of 1.6 µg/L in 2008 baseline results. All compliance wells were non-detect for TCE during the recent performance monitoring event, thus the updated CSM indicates that the plume is completely contained within the point of compliance well boundary.

4.3.6.2 CIS-1,2-DICHLOROETHENE

The greater than 60 µg/L cis-1,2-DCE plume of the updated post-EISB CSM, as shown in Figure 4-26, is distributed across the site and generally mimics the distribution of the greater than 250 µg/L TCE plume represented in the baseline CSM (Appendix G). The highest concentrations have been observed at the source zone of the plume (i.e., near the SATG) with a generally decreasing concentration trend towards the toe of the plume (i.e., downgradient of SSB-1).

During the post-EISB performance monitoring a total of 29 out of 58 performance monitoring wells had cis-1,2-DCE concentrations greater than 60 µg/L, compared to 28 out of 56 wells during the baseline. Of the compliance wells sampled during the post-EISB performance monitoring event, 9 out of 11 point of compliance wells were non-detect for cis-1,2-DCE and the other two had concentrations of 1.4 and 1.6 µg/L, which are below the MCL of 6 µg/L. The compliance well results indicate that the cis-1,2-DCE plume is completely contained within the point of compliance well boundary.

4.3.6.3 VINYL CHLORIDE

The greater than 50 µg/L VC plume of the updated post-EISB CSM, as shown in Figure 4-27, is limited to five discrete regions of the site, similar to the distribution of TCE concentrations greater than 250 µg/L, including:

- the SATG zone, bound within the upper-fines lithologic unit;
- upgradient of the FSB-1, within the First Sand lithologic unit;
- downgradient of the FSB-2, within the First Sand lithologic unit;
- straddling the SHB-3, within the Shell Horizon lithologic unit; and
- straddling the SSB-1, within the Second Sand lithologic unit.

The highest concentrations have been observed at source zone of the plume (i.e., near the SATG) with a generally decreasing concentration trend towards the toe of the plume (i.e., downgradient of SSB-1).

During the post-EISB performance monitoring, a total of 17 out of 58 performance monitoring wells had VC concentrations greater than 50 µg/L, compared to 1 out of 56 wells during the baseline. VC was not specifically modeled during the development of the baseline CSM so comparisons of the post-EISB CSM could not be performed; however maximum detected concentrations of VC throughout the TCE plume were evaluated. All compliance wells were non-detect for VC during the recent performance monitoring event, thus the updated CSM indicates that the plume is completely contained within the point of compliance well boundary.

4.4 SOIL VAPOR RESULTS

Twelve soil vapor probes were installed at the locations shown in Figure 1-3 as part of the baseline monitoring performed in 2008, in order to monitor methane and hydrogen sulfide gases

within the vadose zone soils (Insight 2009a). The twelve soil vapor probes are constructed within the vadose zone at depths between 5 and 6 ft bgs. These locations were chosen to correspond with areas present near active buildings or underground utility corridors containing potentially high concentrations of electron donor. The probes were installed around the source area and downgradient to monitor for migration of these gases as required by the RAWP (ECC/Geosyntec 2008a). Monitoring of these gases over the course of the remedial action at IR Site 70 is important for the protection of onsite workers, including those engaged in the remedial action as well as the many tenants/occupants of the surrounding facilities.

During the 2010 performance monitoring, soil gas samples were collected from the 11 soil vapor probes, and were analyzed for methane and hydrogen sulfide gases. Originally, 12 soil vapor probes were installed for sampling. However, soil vapor probe SV-70-03 was not sampled due to presence of water in the sample tubing. The analytical results are shown in Table 4-3 and Figure 4-21 and discussed in further detail below.

4.4.1 METHANE SOIL VAPOR RESULTS

Methane was reported in all samples and ranged from 230 parts per million by volume (ppmV) at SV-70-01 (north of Building 118) to 640,000 ppmV at SV-70-05 (southwest of Building 118). The lower explosive limit (LEL) for methane in air is 5 percent (or 50,000 ppmv) while the upper explosive limit (UEL) in air is 15 percent (or 150,000 ppmv). Methane was reported in two samples (SV-70-05, and SV-70-10) at concentrations above the UEL and in one sample (SV-70-09) at a concentration between the UEL and the LEL. The concentration of methane reported in one other sample (SV-70-02) was slightly above the LEL. In general, compared to the 2009 soil vapor sampling event, the methane concentrations have increased in five soil vapor probes (SV-70-07, SV-70-08, SV-70-10, SV-70-11, and SV-70-12) and decreased in six soil vapor probes (SV-70-01, SV-70-02, SV-70-04, SV-70-05, SV-70-06, and SV-70-09) during the 2010 soil vapor sampling event. The highest concentration of methane reported during the 2010 sampling event (SV-70-05) was measured in sample collected from location immediately adjacent to the passive test cell used as part of the ESTCP project (CDM 2007) and SATG injection wells. The greatest concentration measured in the vicinity of the SAB wells was 380,000 ppmV.

4.4.2 HYDROGEN SULFIDE SOIL VAPOR RESULTS

Hydrogen sulfide was reported only in one sample collected from soil vapor probe location SV-70-05 (southwest of Building 118) at a concentration of 1.3 ppmV and was not detected above the laboratory reporting limit of 1.0 ppmV in the other ten soil vapor samples (SV-70-01, SV-70-02, SV-70-04, and SV-70-06 through SV-70-12) collected during the 2010 sampling event. The concentration of hydrogen sulfide reported in soil vapor probe location SV-70-05 is well below the LEL of 4 percent (or 40,000 ppmv) and the and the Occupational Safety and Health Administration (OSHA) health based time-weighted average (TWA) permissible exposure limit of 10 ppmv.

4.4.3 AMBIENT AIR MONITORING FOR METHANE GAS

A methane monitoring plan was prepared (Insight 2009c) to monitor and document methane levels within utility corridors and buildings where methane concentrations could accumulate in air above the LEL. As part of this plan, selected locations throughout the RT&E Area were monitored weekly for the first two months of the EISB activities, and monthly thereafter. Monitoring locations were selected based on analytical results from soil gas probes installed within the vadose zone soils and the proximity of the probes to nearby utility corridors, buildings, and groundwater wells. The following locations were monitored periodically for methane gas in the RT&E area:

- Inside Buildings 118, 121, 123 (northwest corner), and 124.
- In the vicinity of utility corridors west of the tank farm and east of soil gas probes SV-70-02 and SV-70-05.

A hand-held multi-gas meter (RKI Eagle), equipped with methane and oxygen sensors, was used to monitor for the presence of explosive vapors and oxygen levels within the selected areas. Inside buildings, readings were taken within the breathing zone and at or near surface features (e.g., cracks, joints, penetrations, subsurface utility accesses) in the floor slab that could serve as potential pathways for the infiltration of methane gas from the underlying soils or through connecting subsurface utility chases. Stagnant areas where methane gas could potentially accumulate were also monitored. Readings were recorded on a map of the building. In outdoor areas, readings were taken in and around access openings to utility corridors and groundwater well boxes, and at or near cracks in the asphalt and/or other surface features that could serve as migration pathways for methane gas. Readings were recorded on an area map.

Logs that documented the monitoring results were prepared and submitted to the Remedial Project Manager, Station IR Program Manager, and Facilities Engineering Acquisition Division, Seal Beach upon completion of each monitoring event. Methane gas was not detected in the ambient air within the breathing zone either inside the buildings or in outdoor areas of the locations monitored to date in the RT&E area.

4.4.4 MEASURES TAKEN TO PROTECT ONSITE WORKERS

The following precautionary measures were instituted to protect onsite workers from the effects of methane gas production during remedial action at IR Site 70.

- Instituted a methane monitoring program to monitor and document methane levels within utility corridors and buildings where methane concentrations could accumulate in air above the LEL.
- Notified building tenants/occupants of the potential methane intrusion.
- Posted warning signs throughout the area and on entrances to utility corridors to warn of the potential presence of flammable vapors.

- Posted no smoking and no parking signs in areas that could potentially present an explosive hazard.
- Designated specific smoking areas that are well outside areas of potential explosive hazard.

4.4.5 SUMMARY OF SOIL VAPOR RESULTS

The highest concentration of methane reported in the soil gas sample SV-70-05 is located adjacent to the ESTCP project study area and SATG injection wells (in which the target EVO volumes were injected between May 26 and August 3, 2010 prior to sampling of soil vapor probes on September 10, 2010). The ESTCP project utilized an electron donor (sodium lactate), which similar to EVO, can stimulate the production of methane. Concentrations measured in the vicinity of the SAB wells ranged from 1,100 ppmV to 380,000 ppmV, which are also an indication that methanogenesis is occurring in the SAB.

Continued production of methane during EISB and subsequent mixing with air can produce concentrations within the explosive range. Migration from the vadose zone soils to the surface through cracks in the asphalt and/or to nearby utility corridors through preferential pathways in the subsurface is a potential hazard. However, a methane monitoring plan has been put in place to ensure that onsite workers are protected.

4.5 CONCLUSIONS

Based on the above discussion, the following conclusions can be drawn from the 2010 updated CSM.

- **Groundwater Level:** Water level elevations have increased approximately 6 feet in all hydrostratigraphic zones since 2009, which may be attributable to an increase in rainfall in WY2010. However, hydraulic gradients and direction of groundwater flow remain consistent compared to previous years.
- **TCE:** The greater than 250 µg/L TCE plume from the updated post-EISB CSM shows marked decreased in the width, length and vertical distribution of TCE compared to the baseline CSM. The extent of the 5 µg/L (MCL) TCE plume appears stable, but is extended slightly downgradient in the Second Sand where TCE concentrations in MW-70-15 in 2010 are reported at 14 µg/L, an increase from the 2009 concentration of 6.9 µg/L, and an estimated concentration of 1.6 µg/L in 2008 baseline results. However, the updated CSM indicates that the plume is completely contained within the point of compliance well boundary. In addition, TCE concentrations in the southeastern extent, at the toe of the Second Sand plume and downgradient of SSB-1, have increased and will need to be closely monitored to ensure that EISB is being effective in dechlorination in this area.
- **cis-1,2-DCE:** The greater than 60 µg/L cis-1,2-DCE plume from the updated post-EISB CSM mimics the morphology of the greater than 250 µg/L TCE plume from the baseline CSM. Increases in cis-1,2-DCE across the site, specifically within the historic (i.e., baseline) greater than 250 µg/L TCE plume, indicate reductive dechlorination of TCE is

occurring at the site. Additionally, the updated CSM indicates that the plume is completely contained within the point of compliance well boundary.

- **VC:** The greater than 50 µg/L VC plume from the updated post-EISB CSM has a similar distribution to that of the TCE greater than 250 µg/L plume. Increases in VC across the site, specifically within the historic (i.e., baseline) greater than 250 µg/L TCE plume, indicate reductive dechlorination of higher order chlorinated ethenes (i.e., TCE and cis-1,2-DCE) is occurring at the site. Additionally, the updated CSM indicates that the plume is completely contained within the point of compliance well boundary.
- **Soil Vapor:** Soil vapor monitoring indicates methanogenesis is occurring in the SATG and SAB areas and requires continued monitoring.

The lateral extent of the dissolved COC plume in the Second Sand is wider in the area northeast of the plume (Figures 4-15 through 4-17) than originally anticipated in the Remedial Design (Geosyntec 2006b) due to the groundwater monitoring information obtained in 2009 and 2010 from well MW-70-14. The Navy will be monitoring this area closely along with well MW-70-43B. Hence, a second sand monitoring well downgradient of MW-70-14 and northeast of the current SSB-1 is proposed (Figure 4-20).

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Section 4

TABLES

Table 4-1
Groundwater Level Data

Well Number	Screen Interval (feet bgs)[a]	TOC Elevation (feet above MSL)	8/18/08			8/24/09			8/25/10		
			Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)
Upper Fines											
MW-70-03*	20-30	8.03	NA	NA	NA	15:00	19.19	-11.16	16:40	13.7	-5.67
Source Area Treatment/Upper Fines											
MW-70-PMW01A	25-35	8.23	18:20	20.31	-12.08	8:15	21.60	-13.37	9:15	15.21	-6.98
MW-70-PMW01B	45-55	8.21	18:21	22.02	-13.81	8:20	22.04	-13.83	9:20	16.25	-8.04
MW-70-27[b]	26-36	8.25	NA	21.70	-13.45	8:23	21.78	-13.53	9:30	15.20	-6.95
MW-70-28[b]	50-60	8.30	NA	22.13	-13.83	8:27	21.81	-13.51	9:33	17.02	-8.72
MW-70-MNA01	40-50	8.36	18:25	22.48	-14.12	8:31	22.32	-13.96	9:36	17.07	-8.71
MW-70-MNA02	35-45	8.51	18:11	22.23	-13.72	9:25	20.45**	-11.94	9:42	15.13	-6.62
MW-70-MNA03	35-45	9.18	18:08	20.90	-11.72	8:40	21.46	-12.28	9:50	15.73	-6.55
MW-70-MNA04	35-45	8.39	18:01	20.52	-12.13	8:42	21.06	-12.67	8:53	15.37	-6.98
Source Area Biobarrier/First Sand											
MW-70-PMW02A	71-81	8.35	17:48	23.06	-14.71	8:46	22.82	-14.47	10:01	17.45	-9.10
MW-70-PMW02B	90-100	8.38	17:49	23.11	-14.73	8:47	22.88	-14.50	10:07	17.50	-9.12
IW-70-SAB06	65-80/85-105	8.07	17:53	22.81	-14.74	8:49	22.60	-14.53	10:12	17.22	-9.15
MW-70-MNA05	70-80	8.46	18:03	22.90	-14.44	8:50	22.79	-14.33	10:20	17.45	-8.99
MW-70-PMW03A	70-80	7.94	17:54	22.72	-14.78	8:53	22.49	-14.55	10:23	17.05	-9.11
MW-70-PMW03B	90-100	7.88	17:55	22.69	-14.81	8:54	22.44	-14.56	10:28	17.05	-9.17
First Sand Biobarrier 1											
MW-70-38	80-100	6.85	17:26	22.20	-15.35	9:03	21.80	-14.95	10:31	16.32	-9.47
IW-70-FSB118	60-105	4.42	17:31	19.71	-15.29	9:07	19.30	-14.88	10:35	13.97	-9.55
MW-70-PMW06A	70-80	4.14	17:38	19.42	-15.28	9:10	19.04	-14.90	10:38	13.68	-9.54
MW-70-PMW06B	91-101	4.16	17:36	19.50	-15.34	9:14	19.05	-14.89	10:42	13.68	-9.52
MW-70-PMW04A	70-80	4.52	17:14	19.90	-15.38	9:16	19.47	-14.95	10:47	14.03	-9.51
MW-70-PMW04B	90-100	4.53	17:17	19.05	-14.52	9:20	19.51	-14.98	10:52	14.05	-9.52
IW-70-FSB108	60-105	4.64	17:09	20.02	-15.38	9:23	19.63	-14.99	10:55	14.21	-9.57
MW-70-PMW05A	70-80	4.21	17:06	19.65	-15.44	9:30	19.21	-15.00	11:07	13.82	-9.61
MW-70-PMW05B	90-100	4.34	17:07	19.80	-15.46	9:31	19.34	-15.00	11:15	14.00	-9.66
RDO-5	65-105	6.01	17:00	21.55	-15.54	9:55	21.05	-15.04	11:47	15.58	-9.57
MW-70-MNA08	80-90	7.66	16:15	23.27	-15.61	9:40	22.74	-15.08	11:55	17.21	-9.55
MW-70-MNA06	80-90	3.95	16:53	19.48	-15.53	9:45	19.03	-15.08	12:02	13.58	-9.63
MW-70-MNA11	80-90	8.30	16:10	24.55	-16.25	9:50	23.90	-15.60	12:10	18.35	-10.05
MW-70-MNA07	90-100	4.63	17:20	20.18	-15.55	10:00	19.74	-15.11	12:20	14.29	-9.66
First Sand Biobarrier 2											
MW-70-PMW07A	65-75	7.89	16:02	24.43	-16.54	10:23	23.61	-15.72	12:45	17.97	-10.08
MW-70-PMW07B	85-95	7.52	16:05	26.44	-18.92	10:24	25.43	-17.91	12:50	19.60	-12.08
IW-70-FSB216	65-100	8.34	15:56	26.89	-18.55	10:34	26.50	-18.16	13:00	19.13	-10.79
MW-70-PMW08A	65-75	9.04	16:36	26.77	-17.73	10:28	25.98	-16.94	13:10	20.30	-11.26
MW-70-PMW08B	85-95	9.08	16:35	28.26	-19.18	10:30	27.32	-18.24	13:15	21.58	-12.50
MW-70-MNA09	64-74	6.82	15:17	23.30	-16.48	10:49	22.68	-15.86	13:20	17.08	-10.26
MW-70-MNA10	75-85	7.01	15:07	26.67	-19.66	10:37	25.63	-18.62	13:26	19.69	-12.68
MW-70-MNA12	75-85	5.85	14:51	26.22	-20.37	11:04	25.07	-19.22	13:40	19.23	-13.38
MW-70-43A*	86-106	10.76	NA	NA	NA	15:30	30.44	-19.68	14:00	24.20	-13.44

Table 4-1 (continued)

Well Number	Screen Interval (feet bgs)[a]	TOC Elevation (feet above MSL)	8/18/08			8/24/09			8/25/10		
			Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)
Shell Horizon Biobarrier 1											
MW-70-PMW09	120-130	6.82	15:30	26.61	-19.79	11:24	25.39	-18.57	14:20	19.47	-12.65
IW-70-SHB113	105-130	7.49	15:46	24.20	-16.71	11:25	23.44	-15.95	14:26	20.00	-12.51
MW-70-PMW10	120-130	6.60	15:29	26.46	-19.86	11:15	25.20	-18.60	14:30	19.29	-12.69
IW-70-SHB217	105-130	8.67	14:37	29.97	-21.30	11:12	27.80	-19.13	14:34	21.82	-13.15
MW-70-MNA13	115-125	6.64	15:20	26.42	-19.78	11:19	25.24	-18.60	14:20	19.38	-12.74
Shell Horizon Biobarrier 3											
MW-70-PMW11A	85-95	8.13	14:08	28.81	-20.68	12:55	27.51	-19.38	14:45	22.19	-14.06
MW-70-PMW11B	115-125	7.95	14:07	28.51	-20.56	12:57	27.12	-19.17	14:48	21.20	-13.25
IW-70-SHB310	80-95/105-130	8.73	14:17	29.37	-20.64	13:06	25.54	-16.81	15:02	22.34	-13.61
MW-70-PMW12A	85-95	7.86	14:01	28.54	-20.68	13:00	27.20	-19.34	15:06	22.28	-14.42
MW-70-PMW12B	115-125	8.09	14:03	28.65	-20.56	13:02	27.30	-19.21	15:15	21.35	-13.26
MW-70-MNA14	115-125	8.86	11:09	30.02	-21.16	13:10	28.47	-19.61	15:20	23.67	-14.81
Second Sand Biobarrier 1											
MW-70-PMW13A	125-135	7.47	13:41	27.37	-19.90	13:30	26.16	-18.69	15:40	20.25	-12.78
MW-70-PMW13B	145-155	7.48	13:42	27.44	-19.96	13:31	26.09	-18.61	15:45	20.16	-12.68
IW-70-SSB109	126-166	7.96	13:40	28.82	-20.86	13:39	28.10	-20.14	15:49	21.83	-13.87
MW-70-PMW14A	128-138	7.64	12:02	27.62	-19.98	13:35	26.05	-18.41	15:54	20.10	-12.46
MW-70-PMW14B	149-159	7.92	11:50	28.13	-20.21	13:36	26.37	-18.45	16:00	20.45	-12.53
MW-70-MNA16	141-151	8.65	11:04	29.79	-21.14	13:43	27.27	-18.62	16:04	22.43	-13.78
MW-70-MNA17	140-150	6.80	11:38	28.24	-21.44	13:49	27.04	-20.24	16:09	21.33	-14.53
MW-70-MNA15	140-150	5.96	14:49	26.23	-20.27	13:53	24.60	-18.64	16:15	18.97	-13.01
MW-70-15	161-171	9.41	10:28	31.48	-22.07	14:00	29.97	-20.56	16:26	23.97	-14.56
MW-70-14*	160-170	11.01	NA	NA	NA	14:46	30.19	-19.18	16:30	24.24	-13.23
MW-70-43B*	136-146	10.58	NA	NA	NA	15:35	30.41	-19.83	16:35	24.25	-13.67
Point of Compliance/Upper Fines											
MW-70-02	20-30	7.85	9:51	18.88	-11.03	14:15	19.77	-11.92	15:17	14.28	-6.43
MW-70-10	30-40	10.10	14:59	19.33	-9.23	14:29	20.29	-10.19	15:51	15.44	-5.34
MW-70-17	30-40	4.58	16:47	15.00	-10.42	15:35	15.39	-10.81	16:37	11.39	-6.81
MW-70-22	20-30	10.21	11:30	12.51	-2.30	15:40	12.65	-2.44	16:52	11.85	-1.64
Point of Compliance/First Sand											
MW-70-POC01	80-90	8.88	9:55	22.92	-14.04	12:48	22.80	-13.92	13:50	17.55	-8.67
MW-70-11	80-100	11.07	14:57	28.67	-17.60	14:08	27.76	-16.69	15:10	22.10	-11.03
MW-70-35	90-100	6.31	16:42	25.53	-19.22	14:30	24.34	-18.03	15:33	18.66	-12.35
MW-70-16	95-105	9.76	10:23	31.49	-21.73	13:52	30.01	-20.25	14:54	23.99	-14.23
Point of Compliance/Shell Horizon											
MW-70-23	110-130	11.17	13:54	33.63	-22.46	15:40	32.39	-21.22	16:50	26.05	-14.88
Point of Compliance/Second Sand											
MW-70-36	150-160	9.04	14:31	29.85	-20.81	13:12	28.41	-19.37	14:12	22.57	-13.53
MW-70-21	150-170	7.70	10:07	32.52	-24.82	13:56	30.46	-22.76	14:54	24.10	-16.40
Point of Compliance/Deep Sand											
MW-70-POC02	190-200	8.25	13:53	35.21	-26.96	16:00	32.90	-24.65	17:02	25.80	-17.55
MW-70-POC03	190-200	9.64	14:10	30.00	-20.36	16:20	28.39	-18.75	17:18	22.34	-12.70
MW-70-POC04	195-205	8.50	10:06	32.35	-23.85	16:25	32.71	-24.21	17:30	26.08	-17.58

Table 4-1 (continued)

Well Number	Screen Interval (feet bgs)[a]	TOC Elevation (feet above MSL)	8/18/08			8/24/09			8/25/10		
			Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)	Time	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet +/- MSL)

Notes:

* existing monitoring well added in 2009 for sampling

** Depth to groundwater was remeasured on 9/14/2009 to check the accuracy of the previously reported depth

[a] - screen intervals is rounded to the nearest foot

[b] - groundwater levels for wells MW-70-27 and MW-70-28 were measured on 8/21/08, since the wells were not accessible during the 8/18/08 measurement events

Acronyms/Abbreviations:

bgs - below ground surface

MSL - mean sea level

NA - not available

TOC - top of casing

Table 4-2
Commparison of TCE, DCE (cis-and trans-1,2-), VC
Analytical Results between Fall 2008 (Baseline) and Fall 2010

		Baseline 2008 (µg/L)	Fall 2010 (µg/L)
Upper Fines - Source Area Treatment Grid			
MW-70-PMW01A	TRICHLOROETHENE	11000	1800
MW-70-PMW01A	CIS-1,2-DICHLOROETHENE	1300	4400
MW-70-PMW01A	TRANS-1,2-DICHLOROETHENE	44	28
MW-70-PMW01A	VINYL CHLORIDE	25	260
MW-70-PMW01B	TRICHLOROETHENE	8500	900
MW-70-PMW01B	CIS-1,2-DICHLOROETHENE	33	4900
MW-70-PMW01B	TRANS-1,2-DICHLOROETHENE	1.4	86
MW-70-PMW01B	VINYL CHLORIDE	0.51	3000
First Sand - First Sand Biobarrier -2			
MW-70-PMW02A	TRICHLOROETHENE	120	5.7
MW-70-PMW02A	CIS-1,2-DICHLOROETHENE	100	130
MW-70-PMW02A	TRANS-1,2-DICHLOROETHENE	0.73 J	1.2
MW-70-PMW02A	VINYL CHLORIDE	0.33 J	0.61
MW-70-PMW02B	TRICHLOROETHENE	350	94
MW-70-PMW02B	CIS-1,2-DICHLOROETHENE	170	290
MW-70-PMW02B	TRANS-1,2-DICHLOROETHENE	1.6	2.5
MW-70-PMW02B	VINYL CHLORIDE	0.68	1.6
MW-70-PMW03A	TRICHLOROETHENE	270	0.48 J
MW-70-PMW03A	CIS-1,2-DICHLOROETHENE	9.2	0.63 J
MW-70-PMW03A	TRANS-1,2-DICHLOROETHENE	0.26 J	1.2
MW-70-PMW03A	VINYL CHLORIDE	0.47 J	5.0
MW-70-PMW03B	TRICHLOROETHENE	110 J	9.8
MW-70-PMW03B	CIS-1,2-DICHLOROETHENE	190	510
MW-70-PMW03B	TRANS-1,2-DICHLOROETHENE	1.2	4.4
MW-70-PMW03B	VINYL CHLORIDE	0.56	38
First Sand - First Sand Biobarrier-1			
MW-70-PMW04A	CIS-1,2-DICHLOROETHENE	49	450
MW-70-PMW04A	TRANS-1,2-DICHLOROETHENE	0.85 J	3.4
MW-70-PMW04A	TRICHLOROETHENE	790	12
MW-70-PMW04A	VINYL CHLORIDE	0.34 J	31
MW-70-PMW04B	TRICHLOROETHENE	890	15
MW-70-PMW04B	CIS-1,2-DICHLOROETHENE	340	1400
MW-70-PMW04B	TRANS-1,2-DICHLOROETHENE	5.0	16
MW-70-PMW04B	VINYL CHLORIDE	0.47 J	1.5
MW-70-PMW05A	TRICHLOROETHENE	130	1.6 J
MW-70-PMW05A	CIS-1,2-DICHLOROETHENE	18	6.8
MW-70-PMW05A	TRANS-1,2-DICHLOROETHENE	0.65 J	0.94 J
MW-70-PMW05A	VINYL CHLORIDE	0.50 U	2.1
MW-70-PMW05B	TRICHLOROETHENE	1500	0.99 J
MW-70-PMW05B	TRANS-1,2-DICHLOROETHENE	1.3	3.2
MW-70-PMW05B	TRICHLOROETHENE	1500	0.99 J
MW-70-PMW05B	VINYL CHLORIDE	0.56	52
MW-70-PMW06A	TRICHLOROETHENE	180 J	19
MW-70-PMW06A	CIS-1,2-DICHLOROETHENE	2500	2700
MW-70-PMW06A	TRANS-1,2-DICHLOROETHENE	21	56
MW-70-PMW06A	VINYL CHLORIDE	3.4	95

Table 4-2 (continued)

		Baseline 2008 (µg/L)	Fall 2010 (µg/L)
MW-70-PMW06B	TRICHLOROETHENE	3100	4400
MW-70-PMW06B	CIS-1,2-DICHLOROETHENE	130	430
MW-70-PMW06B	TRANS-1,2-DICHLOROETHENE	15	51
MW-70-PMW06B	VINYL CHLORIDE	4.1	9.8 J
First Sand - First Sand Biobarrier -2			
MW-70-PMW07A	TRICHLOROETHENE	5.0 U	4.9 J
MW-70-PMW07A	CIS-1,2-DICHLOROETHENE	1.0 U	2.6
MW-70-PMW07A	TRANS-1,2-DICHLOROETHENE	1.0 U	1.0 U
MW-70-PMW07A	VINYL CHLORIDE	0.50 U	0.50 U
MW-70-PMW07B	TRICHLOROETHENE	600	8.4
MW-70-PMW07B	CIS-1,2-DICHLOROETHENE	97	880
MW-70-PMW07B	TRANS-1,2-DICHLOROETHENE	3.1	8.8
MW-70-PMW07B	VINYL CHLORIDE	2.0	1.5
MW-70-PMW08A	TRICHLOROETHENE	20	0.73 J
MW-70-PMW08A	CIS-1,2-DICHLOROETHENE	3.6	170
MW-70-PMW08A	TRANS-1,2-DICHLOROETHENE	0.34 J	2.0
MW-70-PMW08A	VINYL CHLORIDE	0.50 U	20
MW-70-PMW08B	TRICHLOROETHENE	220	2.3 J
MW-70-PMW08B	CIS-1,2-DICHLOROETHENE	40	12
MW-70-PMW08B	TRANS-1,2-DICHLOROETHENE	2.7	6.8
MW-70-PMW08B	VINYL CHLORIDE	0.94	330
Shell Horizon - Shell Horizon Biobarrier-1			
MW-70-PMW09	TRICHLOROETHENE	540	8.1
MW-70-PMW09	CIS-1,2-DICHLOROETHENE	130	1100 J
MW-70-PMW09	TRANS-1,2-DICHLOROETHENE	3.2	14 J
MW-70-PMW09	VINYL CHLORIDE	1.7	2.1
MW-70-PMW10	TRICHLOROETHENE	2200	690
MW-70-PMW10	CIS-1,2-DICHLOROETHENE	250	2200
MW-70-PMW10	TRANS-1,2-DICHLOROETHENE	5.3	100
MW-70-PMW10	VINYL CHLORIDE	4.3	3.8
Shell Horizon - Shell Horizon Biobarrier-3			
MW-70-PMW11A	TRICHLOROETHENE	160	0.50 J
MW-70-PMW11A	CIS-1,2-DICHLOROETHENE	37	0.82 J
MW-70-PMW11A	TRANS-1,2-DICHLOROETHENE	4.4	1.0 U
MW-70-PMW11A	VINYL CHLORIDE	0.47 J	0.34 J
MW-70-PMW11B	TRICHLOROETHENE	500	9.6
MW-70-PMW11B	CIS-1,2-DICHLOROETHENE	70	610
MW-70-PMW11B	TRANS-1,2-DICHLOROETHENE	41	57
MW-70-PMW11B	VINYL CHLORIDE	1.3	120
MW-70-PMW12A	TRICHLOROETHENE	170	1.1 J
MW-70-PMW12A	CIS-1,2-DICHLOROETHENE	39	0.59 J
MW-70-PMW12A	TRANS-1,2-DICHLOROETHENE	5.6	5.4
MW-70-PMW12A	VINYL CHLORIDE	3.5	53
MW-70-PMW12B	TRICHLOROETHENE	870	4.8 J
MW-70-PMW12B	CIS-1,2-DICHLOROETHENE	96	2.4 J
MW-70-PMW12B	TRANS-1,2-DICHLOROETHENE	41	45
MW-70-PMW12B	VINYL CHLORIDE	1.2	99
Second Sand - Second Sand Biobarrier-1			
MW-70-PMW13A	TRICHLOROETHENE	320	490 J
MW-70-PMW13A	CIS-1,2-DICHLOROETHENE	63	150
MW-70-PMW13A	TRANS-1,2-DICHLOROETHENE	18	110
MW-70-PMW13A	VINYL CHLORIDE	410	350

Table 4-2 (continued)

		Baseline 2008 (µg/L)	Fall 2010 (µg/L)
MW-70-PMW13B	TRICHLOROETHENE	900	1300
MW-70-PMW13B	CIS-1,2-DICHLOROETHENE	180	270
MW-70-PMW13B	TRANS-1,2-DICHLOROETHENE	38	66
MW-70-PMW13B	VINYL CHLORIDE	2.9	10
MW-70-PMW14A	TRICHLOROETHENE	1100	14
MW-70-PMW14A	CIS-1,2-DICHLOROETHENE	180	630
MW-70-PMW14A	TRANS-1,2-DICHLOROETHENE	23	61
MW-70-PMW14A	VINYL CHLORIDE	5.8	340
MW-70-PMW14B	TRICHLOROETHENE	530	17
MW-70-PMW14B	CIS-1,2-DICHLOROETHENE	130	600
MW-70-PMW14B	TRANS-1,2-DICHLOROETHENE	28	47
MW-70-PMW14B	VINYL CHLORIDE	2.0	430

Notes:

µg/L - micrograms per liter

DCE - dichloroethene

J - estimated value

TCE - trichloroethene

U - not detected

VC - vinyl chloride

Table 4-3
Soil Vapor Analytical Results

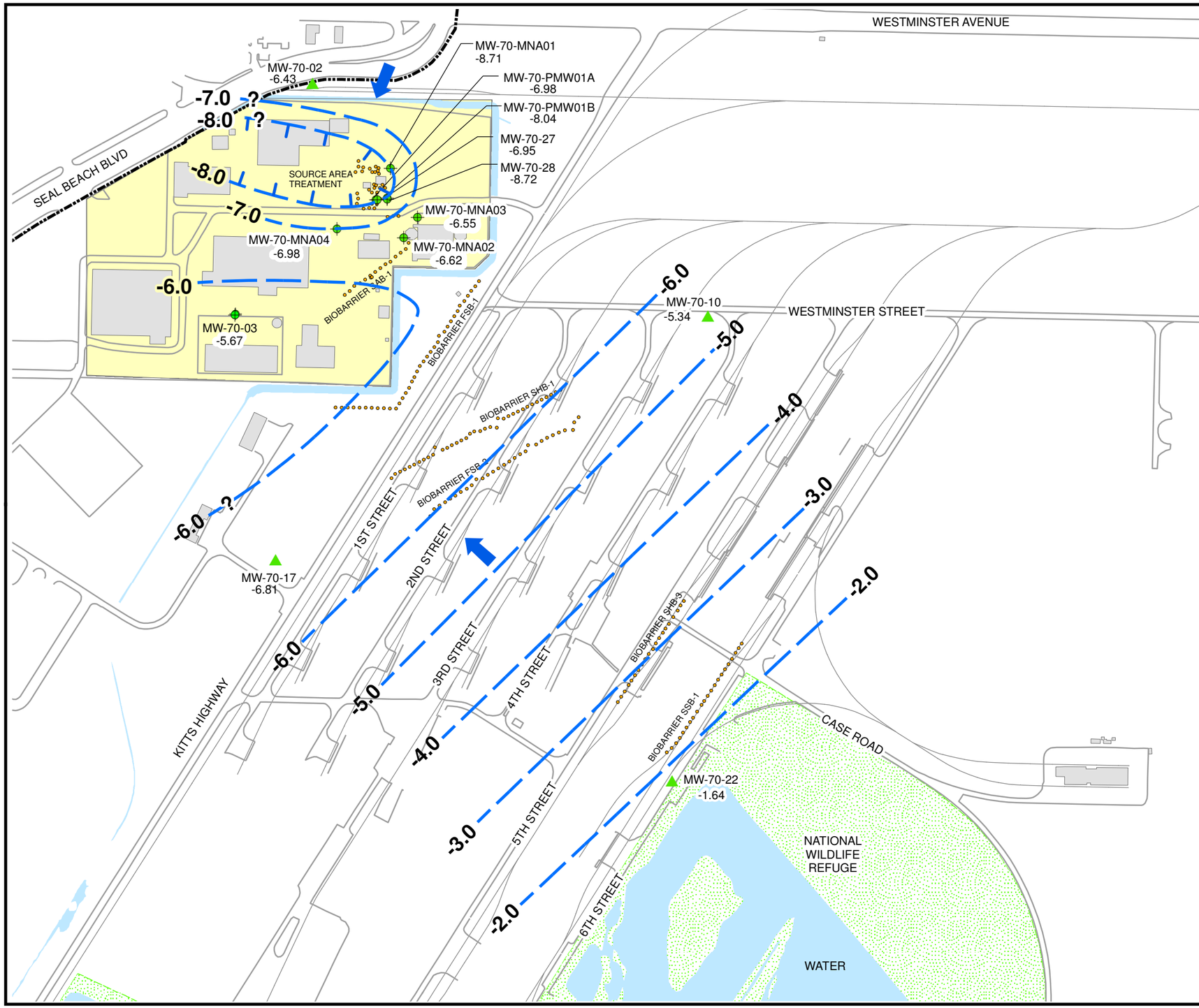
Sample Number	Hydrogen Sulfide (ppbV) 8/26/2008	Hydrogen Sulfide (ppmV) 9/14/2009	Hydrogen Sulfide (ppmV) 9/10/2010	Methane (ppmV) 8/26/2008	Methane (ppmV) 9/14/2009	Methane (ppmV) 9/10/2010
SV-70-01	4.2 J	1.0 U	1.0 U	1,650	11,000	230
SV-70-02	4.9 J	1.0 U	1.0 U	229,000	300,000	59,000
SV-70-03	5.0 U	1.0 U	NA	330	1,300	NA
SV-70-04	NA	1.0 U	1.0 U	NA	48,000	18,000
SV-70-05	990	1.0 U	1.3	739,000	>990,000	640,000
SV-70-06	5.0 U	1.0 U	1.0 U	3,360	31,000	2,400
SV-70-07	4.2 J	1.0 U	1.0 U	53	21,000	38,000
SV-70-08	3.3 J	1.0 U	1.0 U	27,100	2,000	19,000
SV-70-09	5.0 U	1.0 U	1.0 U	93,700	580,000	130,000
SV-70-10	4.4 J	1.0 U	1.0 U	3,600	1,500	380,000
SV-70-11	3.6 J	1.0 U	1.0 U	35	1,000	1,100
SV-70-12	5.0 U	1.0 U	1.0 U	610	20,000	29,000

Notes:

ppbV - parts per billion by volume
ppmV - parts per million by volume
J - estimated value
U - not detected
NA - not analyzed due to the presence of water in sample tubing
> - greater than

Section 4

FIGURES



LEGEND

MW-70-MNA02 -6.62	UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
MW-70-10 -5.34	UPPER FINES POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL, HATCH MARKS POINT DOWNGRADIENT
	APPROXIMATE GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

WATER LEVELS MEASURED ON AUGUST 25, 2010

HORIZONTAL HYDRAULIC GRADIENT VARIES ACROSS THE SITE FROM 0.002 TO 0.005 FOOT/FOOT

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-1

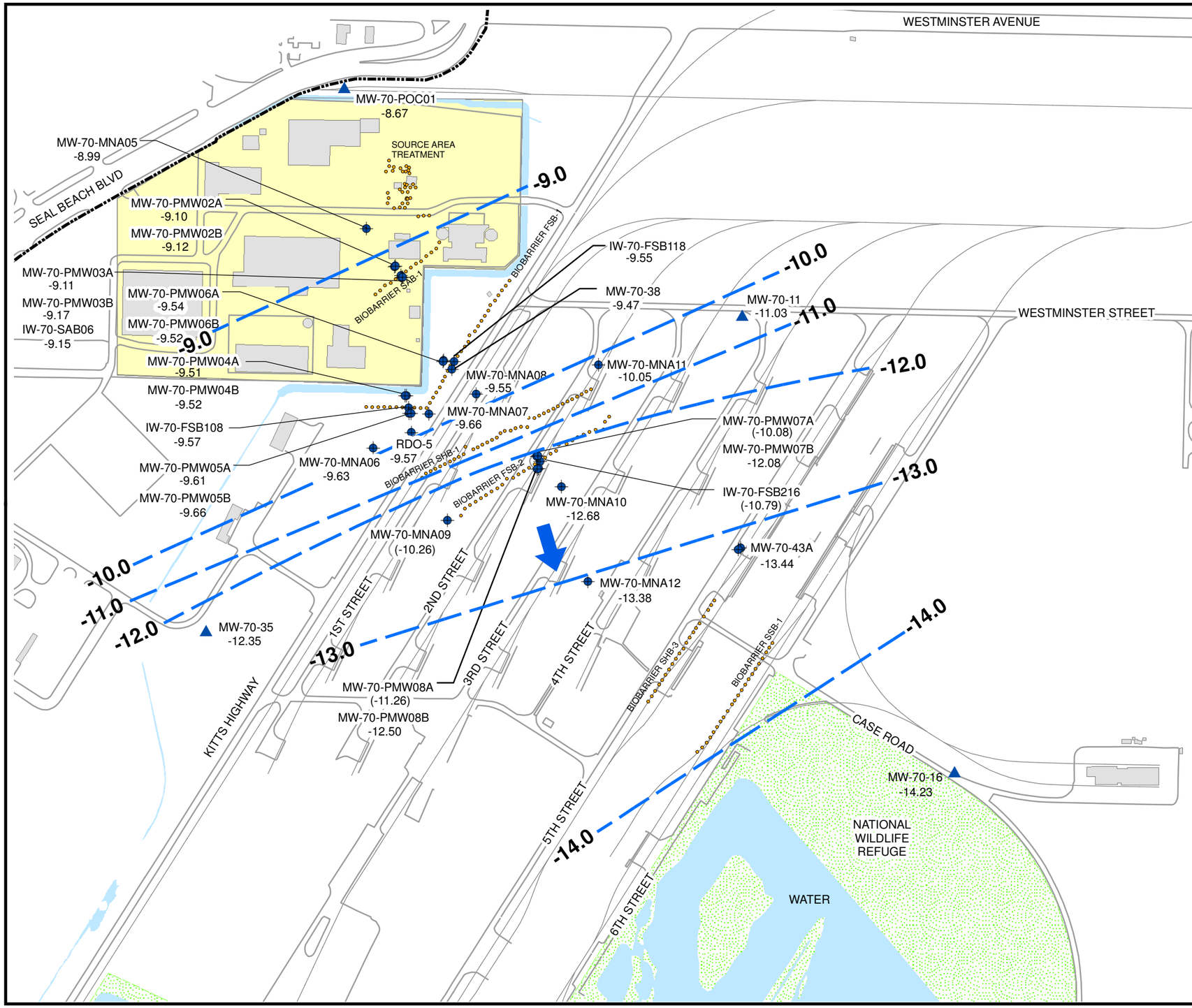
IR Site 70

Upper Fines Groundwater Elevations - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	4/17/2011
File No.	14114ufgw2.mxd
Project No.:	4-14114
Rev.	A



LEGEND

MW-70-MNA08 -9.55	FIRST SAND MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET BGS MEAN SEA LEVEL
MW-70-16 -14.23	FIRST SAND POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET BGS MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GROUNDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL

WATER LEVELS MEASURED ON AUGUST 25, 2010

HORIZONTAL HYDRAULIC GRADIENT VARIES ACROSS THE SITE FROM 0.001 TO 0.01 FOOT/FOOT

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-2

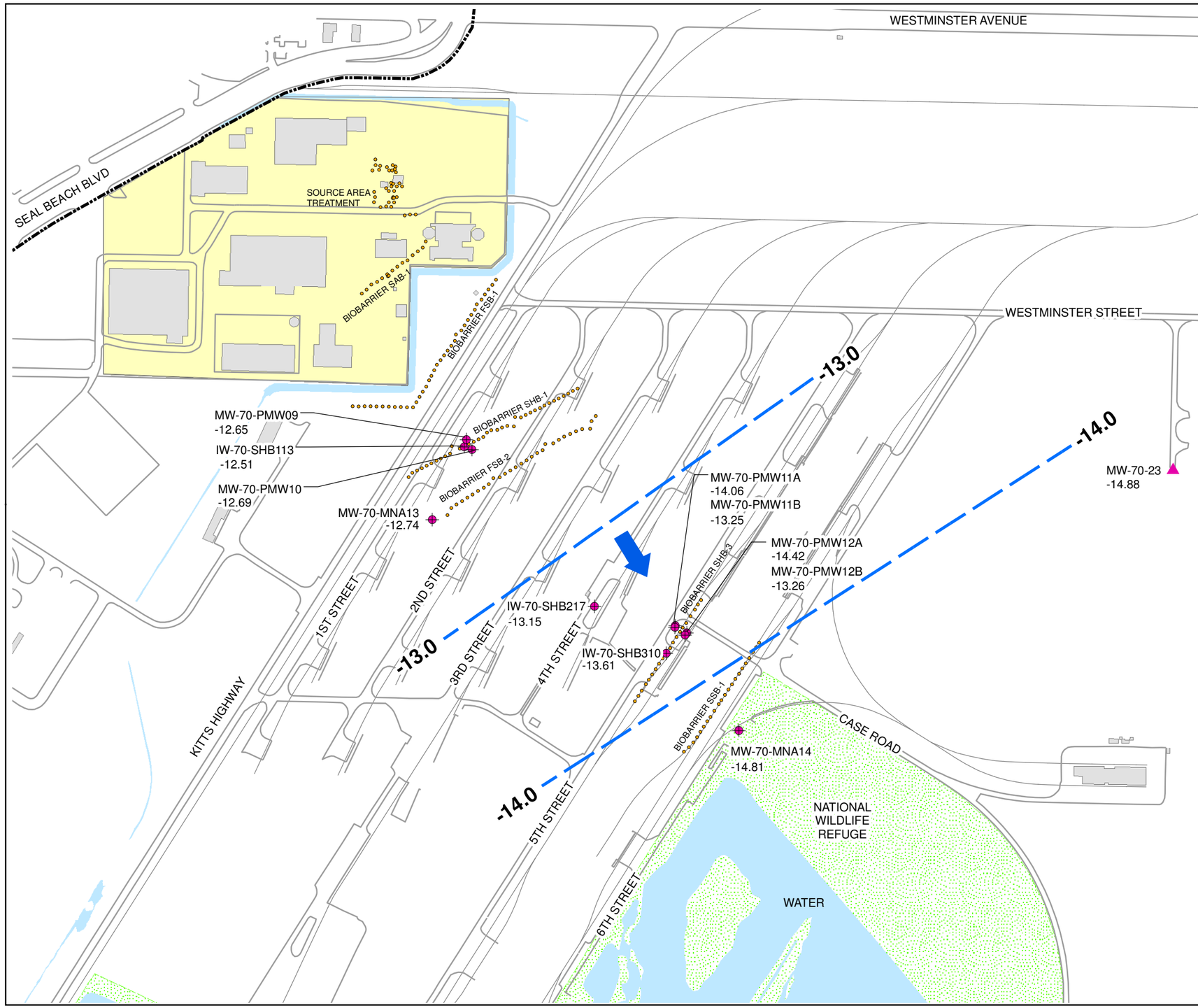
IR Site 70

First Sand Groundwater Elevations - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	1/30/2011
File No.	14114fsgw3.mxd
Project No.:	4-14114
Rev.	A



LEGEND

MW-70-MNA14 -14.81	SHELL HORIZON MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
MW-70-23 -14.88	SHELL HORIZON POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GROUNDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL

WATER LEVELS MEASURED ON AUGUST 25, 2010

HORIZONTAL HYDRAULIC GRADIENT ACROSS THE SITE IS APPROXIMATELY 0.002 FOOT/FOOT

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-3

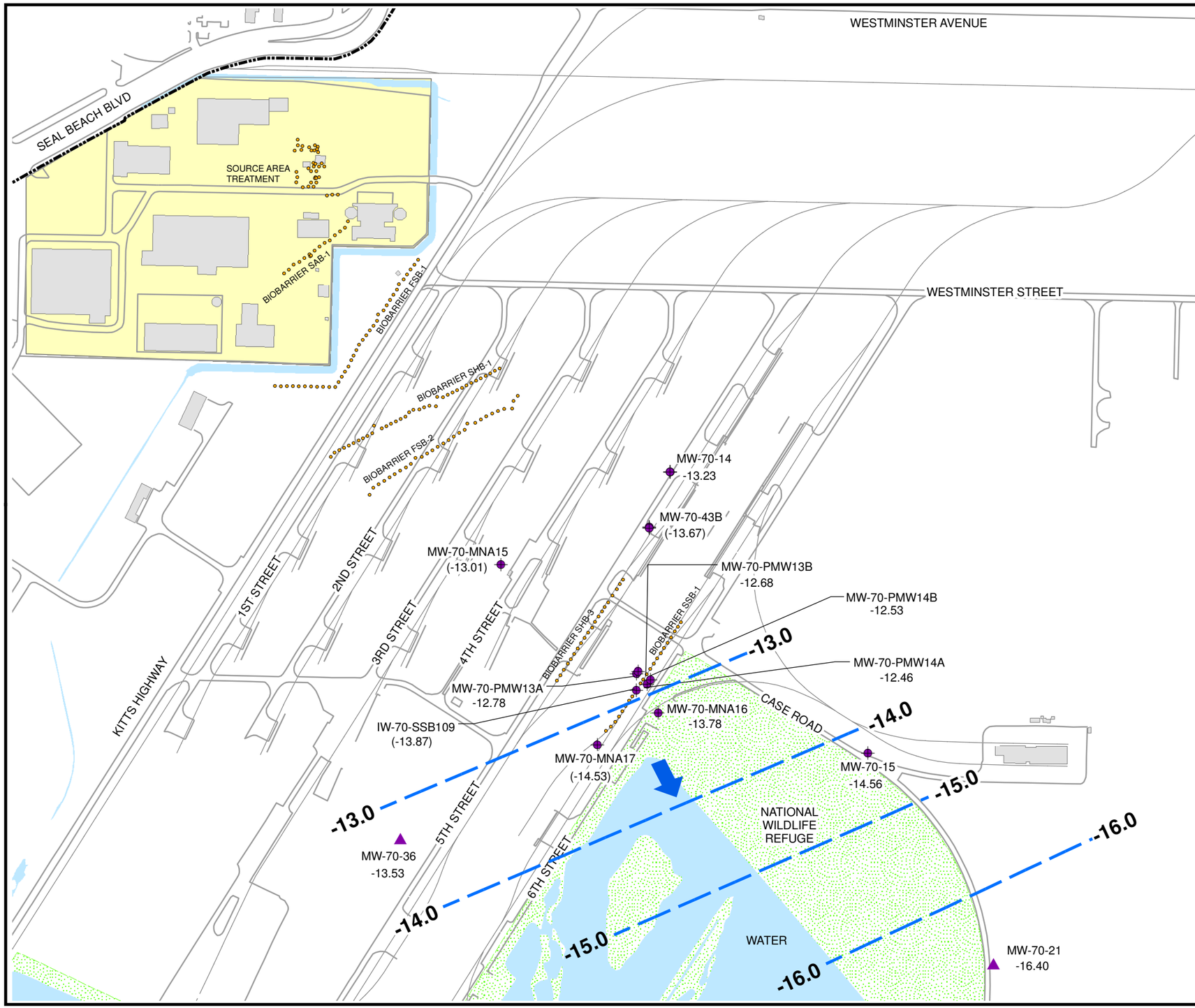
IR Site 70

Shell Horizon Groundwater Elevations - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114shgw1.mxd
Project No.: 4-14114
Rev. A



LEGEND

MW-70-15 -14.56	SECOND SAND MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
MW-70-36 -13.53	SECOND SAND POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GRONDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL OR RECENT INJECTION

WATER LEVELS MEASURED ON AUGUST 25, 2010

HORIZONTAL HYDRAULIC GRADIENT ACROSS THE SITE IS APPROXIMATELY 0.002 FOOT/FOOT

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-4

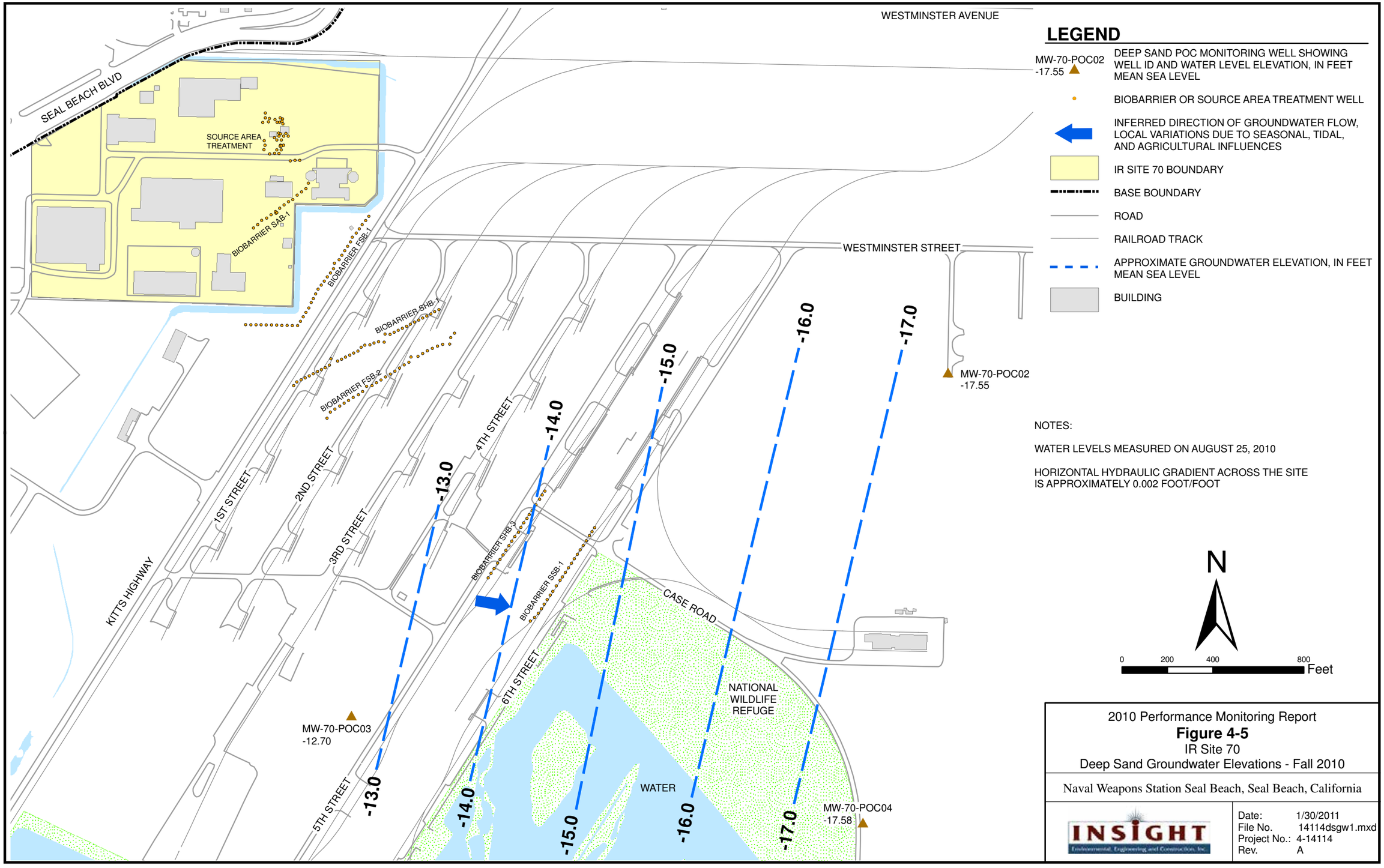
IR Site 70

Second Sand Groundwater Elevations - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114ssgw2.mxd
Project No.: 4-14114
Rev. A



2010 Performance Monitoring Report

Figure 4-5

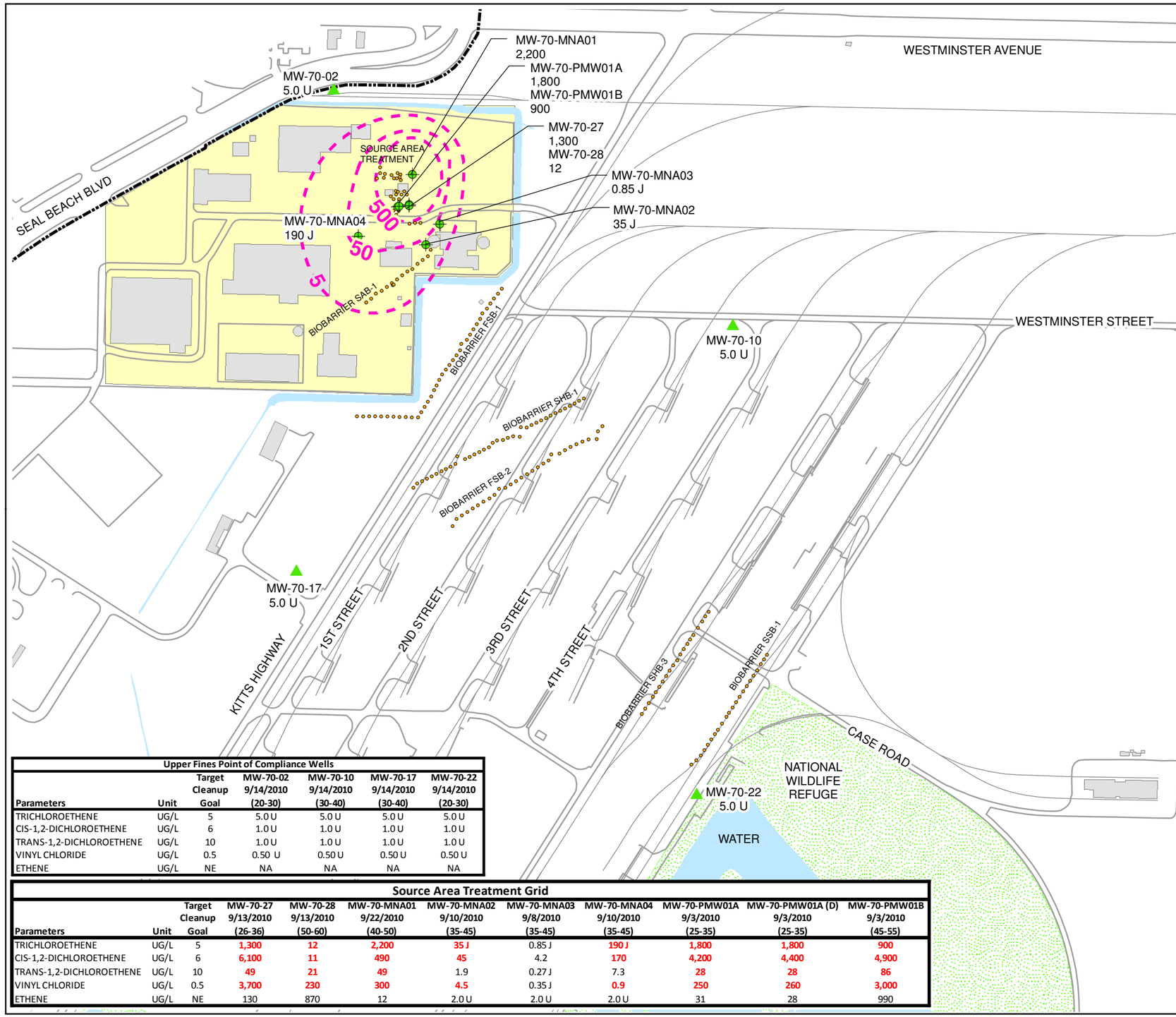
IR Site 70

Deep Sand Groundwater Elevations - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114dsgw1.mxd
Project No.: 4-14114
Rev. A



LEGEND

MW-70-MNA02 35 J	UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING STATION ID AND TCE CONCENTRATION IN ug/L IN FALL 2010
MW-70-02 5.0 U	UPPER FINES POC MONITORING WELL SHOWING STATION ID AND TCE CONCENTRATION IN ug/L IN FALL 2010
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	BUILDING
-5-	APPROXIMATE TCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

(D) - DUPLICATE SAMPLE
ug/L - MICROGRAMS PER LITER
MCL - MAXIMUM CONTAMINANT LEVEL
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
NE - NOT ESTABLISHED
2.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 2 ug/L

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(25-35) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

N

0 200 400 800 Feet

Upper Fines Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-02 9/14/2010 (20-30)	MW-70-10 9/14/2010 (30-40)	MW-70-17 9/14/2010 (30-40)	MW-70-22 9/14/2010 (20-30)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.50 U	0.50 U	0.50 U	0.50 U
ETHENE	UG/L	NE	NA	NA	NA	NA

Source Area Treatment Grid

Parameters	Unit	Target Cleanup Goal	MW-70-27 9/13/2010 (26-36)	MW-70-28 9/13/2010 (50-60)	MW-70-MNA01 9/22/2010 (40-50)	MW-70-MNA02 9/10/2010 (35-45)	MW-70-MNA03 9/8/2010 (35-45)	MW-70-MNA04 9/10/2010 (35-45)	MW-70-PMW01A 9/3/2010 (25-35)	MW-70-PMW01A (D) 9/3/2010 (25-35)	MW-70-PMW01B 9/3/2010 (45-55)
TRICHLOROETHENE	UG/L	5	**1,300**	**12**	**2,200**	**35 J**	0.85 J	**190 J**	**1,800**	**1,800**	**900**
CIS-1,2-DICHLOROETHENE	UG/L	6	**6,100**	**11**	**490**	**45**	4.2	**170**	**4,200**	**4,400**	**4,900**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**49**	**21**	**49**	1.9	0.27 J	7.3	**28**	**28**	**86**
VINYL CHLORIDE	UG/L	0.5	**3,700**	**230**	**300**	**4.5**	0.35 J	**0.9**	**250**	**260**	**3,000**
ETHENE	UG/L	NE	130	870	12	2.0 U	2.0 U	2.0 U	31	28	990

2010 Performance Monitoring Report

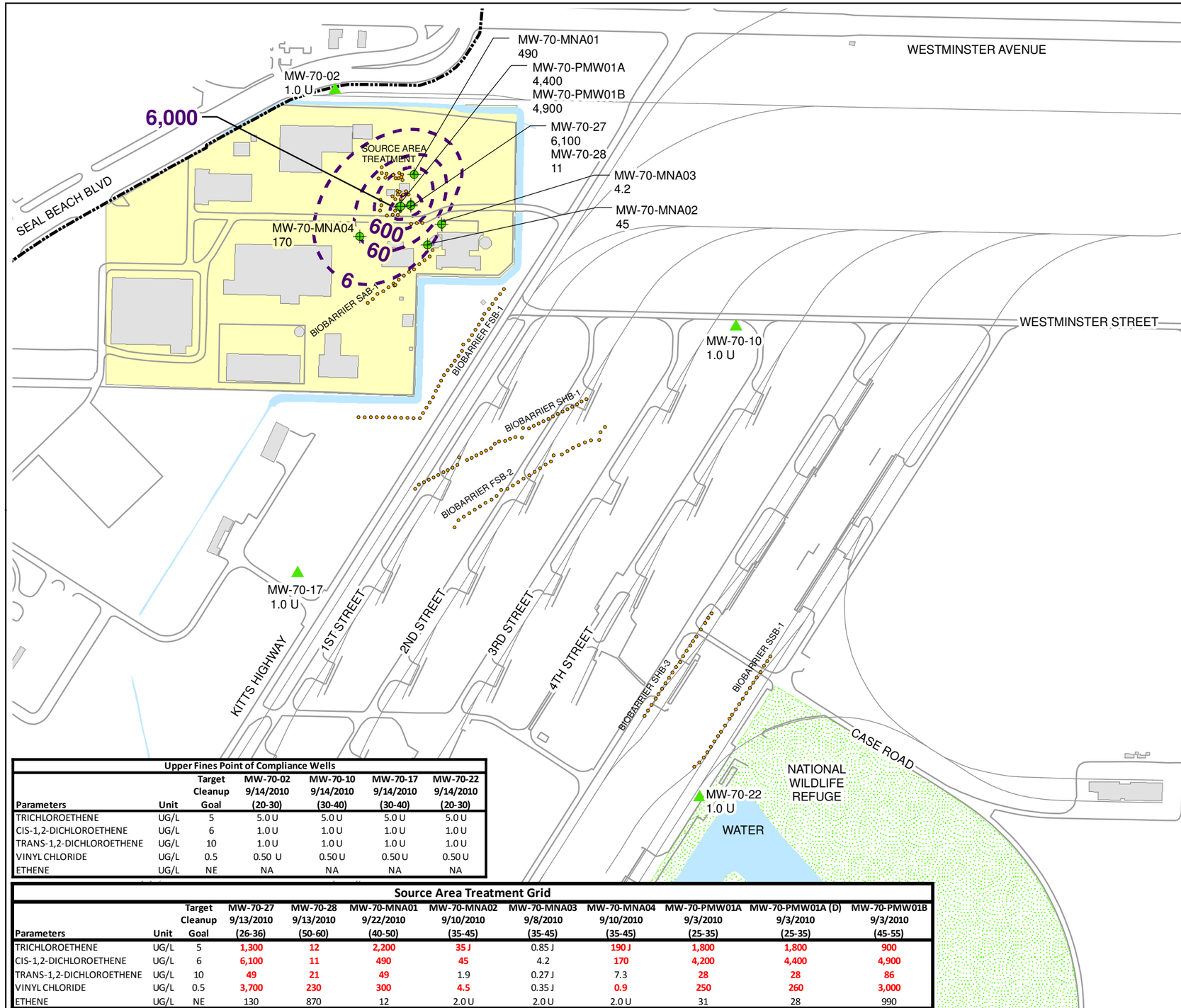
Figure 4-6

IR Site 70, Upper Fines - Source Area Treatment Grid
Trichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114ufcoc2.mxd
Project No.: 4-14114
Rev. A



LEGEND

MW-70-MNA02 45	UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING STATION ID AND CIS-1,2-DCE CONCENTRATION IN ug/L IN FALL 2010
MW-70-02 1.0 U	UPPER FINES POC MONITORING WELL SHOWING STATION ID AND CIS-1,2-DCE CONCENTRATION IN ug/L IN FALL 2010
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	BUILDING
6	APPROXIMATE CIS-1,2-DCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

(D) - DUPLICATE SAMPLE
ug/L - MICROGRAMS PER LITER
MCL - MAXIMUM CONTAMINANT LEVEL
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
NE - NOT ESTABLISHED
1.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 1.0 ug/L

CIS-1,2-DCE - CIS-1,2-DICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(25-35) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

N

0 200 400 800 Feet

Upper Fines Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-02 9/14/2010 (20-30)	MW-70-10 9/14/2010 (30-40)	MW-70-17 9/14/2010 (30-40)	MW-70-22 9/14/2010 (20-30)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.50 U	0.50 U	0.50 U	0.50 U
ETHENE	UG/L	NE	NA	NA	NA	NA

Source Area Treatment Grid

Parameters	Unit	Target Cleanup Goal	MW-70-27 9/13/2010 (26-36)	MW-70-28 9/13/2010 (50-60)	MW-70-MNA01 9/22/2010 (40-50)	MW-70-MNA02 9/10/2010 (35-45)	MW-70-MNA03 9/8/2010 (35-45)	MW-70-MNA04 9/10/2010 (35-45)	MW-70-PMW01A 9/3/2010 (25-35)	MW-70-PMW01A (D) 9/3/2010 (25-35)	MW-70-PMW01B 9/3/2010 (45-55)
TRICHLOROETHENE	UG/L	5	**1,300**	**12**	**2,200**	**35 J**	0.85 J	**190 J**	**1,800**	**1,800**	**900**
CIS-1,2-DICHLOROETHENE	UG/L	6	**6,100**	**11**	**490**	**45**	4.2	**170**	**4,200**	**4,400**	**4,900**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**49**	**21**	**49**	1.9	0.27 J	7.3	**28**	**28**	**86**
VINYL CHLORIDE	UG/L	0.5	**3,700**	**230**	**300**	**4.5**	0.35 J	**0.9**	**250**	**260**	**3,000**
ETHENE	UG/L	NE	130	870	12	2.0 U	2.0 U	2.0 U	31	28	990

2010 Performance Monitoring Report

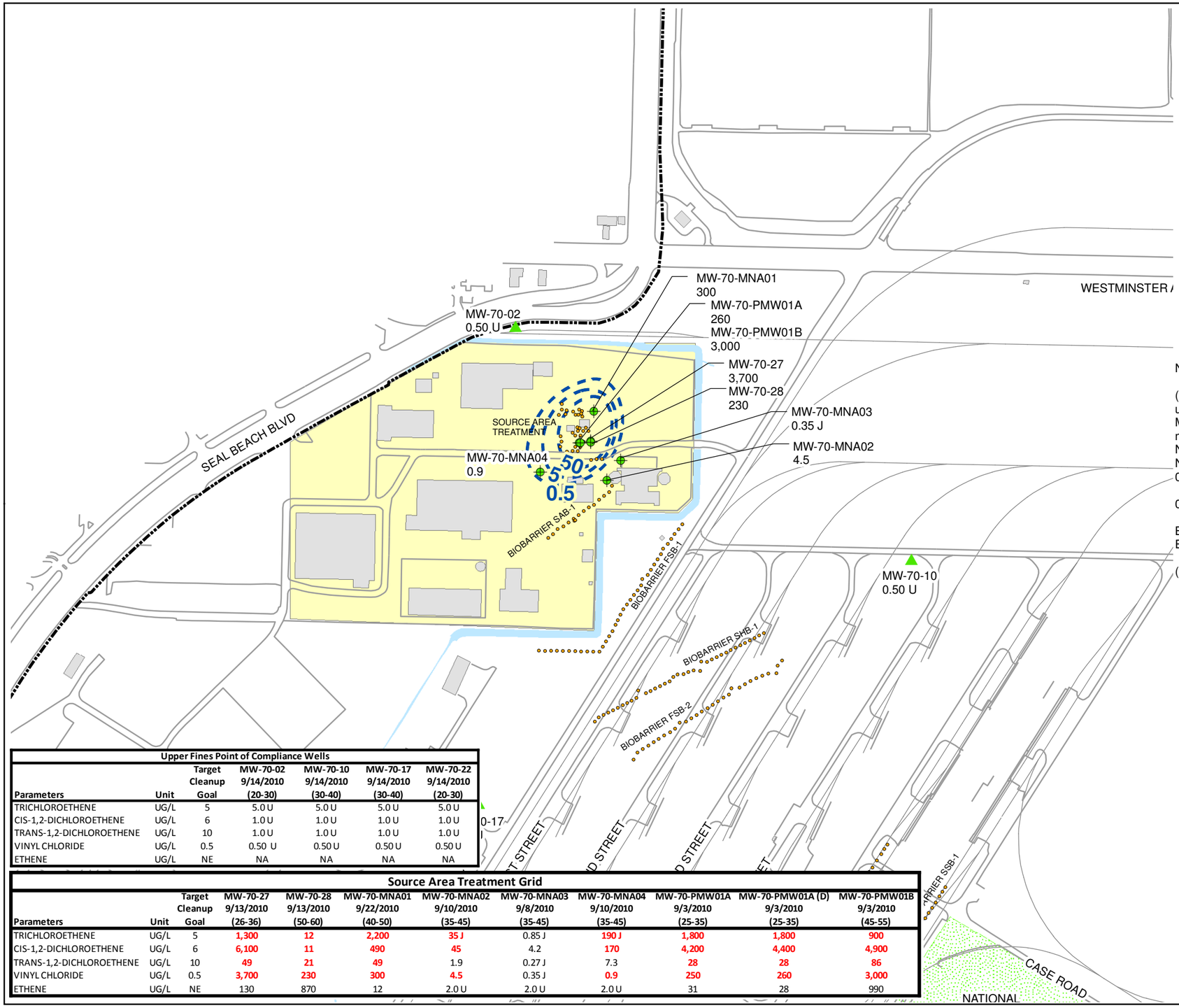
Figure 4-7

IR Site 70, Upper Fines - Source Area Treatment Grid
Cis-1,2-Dichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114ufcoc5.mxd
Project No.: 4-14114
Rev. A



LEGEND

MW-70-MNA02 4.5	UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING STATION ID AND VINYL CHLORIDE CONCENTRATION IN ug/L IN FALL 2010
MW-70-02 0.50 U	UPPER FINES POC MONITORING WELL SHOWING STATION ID AND VINYL CHLORIDE CONCENTRATION IN ug/L IN FALL 2010
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	BUILDING
- -5- -	APPROXIMATE VINYL CHLORIDE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

(D) - DUPLICATE SAMPLE
ug/L - MICROGRAMS PER LITER
MCL - MAXIMUM CONTAMINANT LEVEL
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
NE - NOT ESTABLISHED
0.50 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 0.50 ug/L

0.35 J - ESTIMATED VALUE OF 0.35 ug/L

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(25-35) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

Upper Fines Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-02 9/14/2010 (20-30)	MW-70-10 9/14/2010 (30-40)	MW-70-17 9/14/2010 (30-40)	MW-70-22 9/14/2010 (20-30)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.50 U	0.50 U	0.50 U	0.50 U
ETHENE	UG/L	NE	NA	NA	NA	NA

Source Area Treatment Grid

Parameters	Unit	Target Cleanup Goal	MW-70-27 9/13/2010 (26-36)	MW-70-28 9/13/2010 (50-60)	MW-70-MNA01 9/22/2010 (40-50)	MW-70-MNA02 9/10/2010 (35-45)	MW-70-MNA03 9/8/2010 (35-45)	MW-70-MNA04 9/10/2010 (35-45)	MW-70-PMW01A 9/3/2010 (25-35)	MW-70-PMW01A (D) 9/3/2010 (25-35)	MW-70-PMW01B 9/3/2010 (45-55)
TRICHLOROETHENE	UG/L	5	**1,300**	**12**	**2,200**	**35 J**	0.85 J	**190 J**	**1,800**	**1,800**	**900**
CIS-1,2-DICHLOROETHENE	UG/L	6	**6,100**	**11**	**490**	**45**	4.2	**170**	**4,200**	**4,400**	**4,900**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**49**	**21**	**49**	1.9	0.27 J	7.3	**28**	**28**	**86**
VINYL CHLORIDE	UG/L	0.5	**3,700**	**230**	**300**	**4.5**	0.35 J	**0.9**	**250**	**260**	**3,000**
ETHENE	UG/L	NE	130	870	12	2.0 U	2.0 U	2.0 U	31	28	990

2010 Performance Monitoring Report

Figure 4-8

IR Site 70, Upper Fines - Source Area Treatment Grid
Vinyl Chloride in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

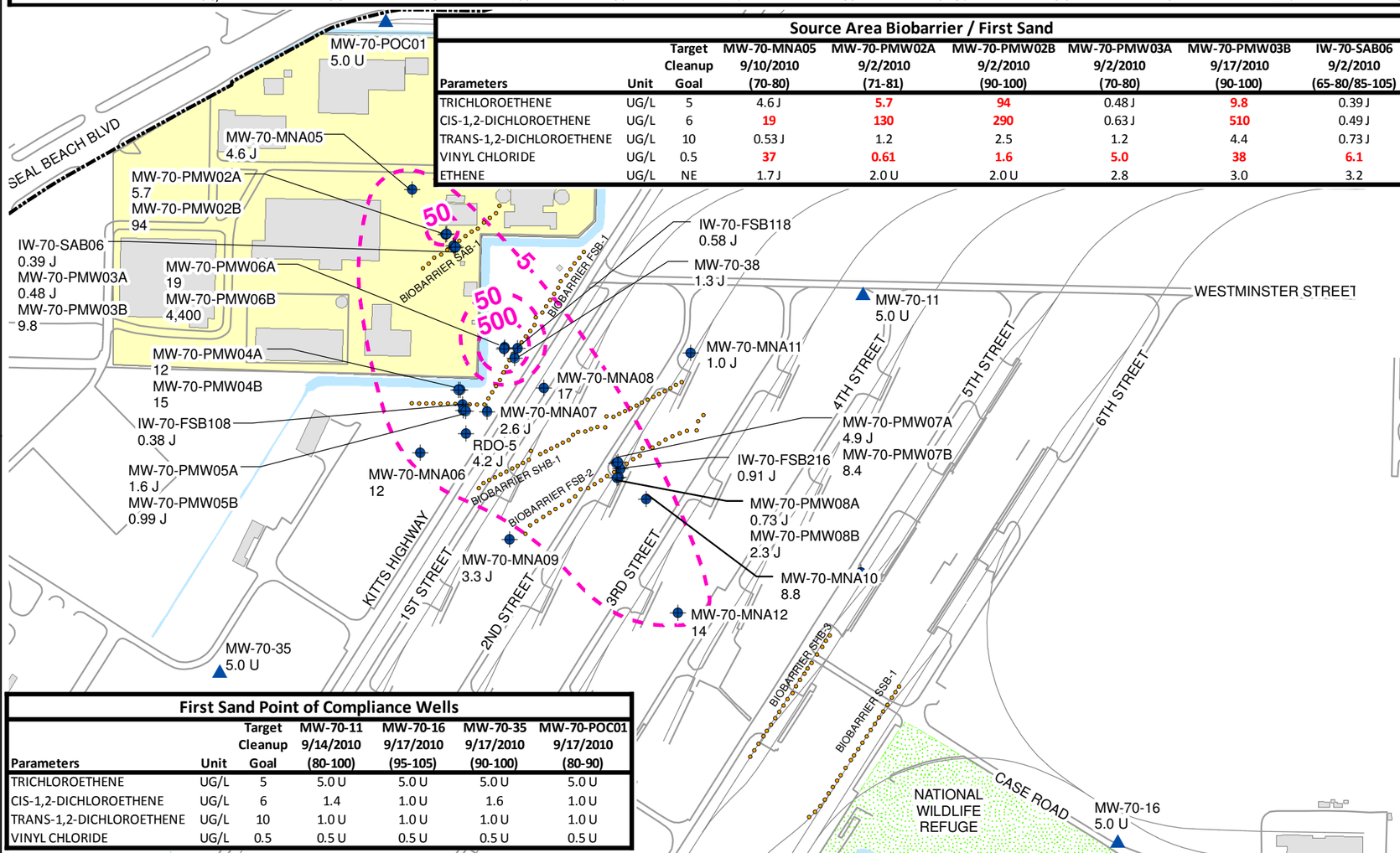
Date: 4/17/2011
File No. 14114ufcoc3.mxd
Project No.: 4-14114
Rev. A

First Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-FSB108 9/8/2010 (60-105)	IW-70-FSB118 9/8/2010 (60-105)	MW-70-38 9/3/2010 (80-100)	MW-70-MNA06 9/10/2010 (80-90)	MW-70-MNA06 (D) 9/10/2010 (80-90)	MW-70-MNA07 9/16/2010 (90-100)	MW-70-MNA08 9/16/2010 (80-90)	MW-70-MNA11 9/10/2010 (80-90)	MW-70-PMW04A 9/7/2010 (70-80)	MW-70-PMW04B 9/7/2010 (90-100)	MW-70-PMW05A 9/8/2010 (70-80)	MW-70-PMW05B 9/8/2010 (90-100)	MW-70-PMW06A 9/3/2010 (70-80)	MW-70-PMW06B 9/3/2010 (91-101)	RDO-5 9/16/2010 (65-105)
TRICHLOROETHENE	UG/L	5	0.38 J	0.58 J	1.3 J	**11**	**12**	2.6 J	**17**	1.0 J	**12**	**15**	1.6 J	0.99 J	**19**	**4,400**	4.2 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	0.98 J	**17**	**34**	**37**	**20 J**	**2,600 J**	0.77 J	**450**	**1,400**	**6.8**	4.5	**2,700**	**430**	**12**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.5	1.6	8	0.79J	0.86 J	5	**19**	1.0 U	3.4	**16**	0.94 J	3.2	**56**	**51**	0.79 J
VINYL CHLORIDE	UG/L	0.5	**180**	**22**	**5.8**	0.34 J	0.24 J	**2**	**4.7**	0.50 U	**31**	**1.5**	**2.1**	**52**	**95**	**9.8 J**	**2.7**
ETHENE	UG/L	NE	8.9	15	200	1.0 J	1.1 J	190	0.73 J	2.0 U	40	1.1 J	15	95	6.5	0.64 J	9.3

Source Area Biobarrier / First Sand

Parameters	Unit	Target Cleanup Goal	MW-70-MNA05 9/10/2010 (70-80)	MW-70-PMW02A 9/2/2010 (71-81)	MW-70-PMW02B 9/2/2010 (90-100)	MW-70-PMW03A 9/2/2010 (70-80)	MW-70-PMW03B 9/17/2010 (90-100)	IW-70-SAB06 9/2/2010 (65-80/85-105)
TRICHLOROETHENE	UG/L	5	4.6 J	**5.7**	**94**	0.48 J	**9.8**	0.39 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**19**	**130**	**290**	0.63 J	**510**	0.49 J
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.53 J	1.2	2.5	1.2	4.4	0.73 J
VINYL CHLORIDE	UG/L	0.5	**37**	**0.61**	**1.6**	**5.0**	**38**	**6.1**
ETHENE	UG/L	NE	1.7 J	2.0 U	2.0 U	2.8	3.0	3.2



First Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-11 9/14/2010 (80-100)	MW-70-16 9/17/2010 (95-105)	MW-70-35 9/17/2010 (90-100)	MW-70-POC01 9/17/2010 (80-90)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	1.0 U	1.6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U	0.5 U	0.5 U

First Sand Biobarrier 2

Parameters	Unit	Target Cleanup Goal	IW-70-FSB216 9/1/2010 (65-100)	MW-70-MNA09 9/13/2010 (67-74)	MW-70-MNA10 9/22/2010 (75-85)	MW-70-MNA12 9/22/2010 (75-85)	MW-70-PMW07A 8/31/2010 (65-75)	MW-70-PMW07B 8/31/2010 (85-95)	MW-70-PMW08A 9/1/2010 (65-75)	MW-70-PMW08B 9/1/2010 (85-95)	MW-70-PMW08B (D) 9/1/2010 (85-95)
TRICHLOROETHENE	UG/L	5	0.91 J	3.3 J	**8.8**	**14**	4.9 J	**8.4**	0.73 J	2.3 J	2.3 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.2	5.7	**160**	**720**	2.6	**880**	**170**	**12**	**13**
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.51 J	0.50 J	5.7	**20**	1.0 U	8.8	2.0	6.8	6.5
VINYL CHLORIDE	UG/L	0.5	**12**	0.50 U	**110**	**1.6**	0.50 U	**1.5**	**20**	**320**	**330**
ETHENE	UG/L	NE	0.64 J	2.0 U	46	1.1 J	2.0 U	2.0 U	0.95 J	29	28

LEGEND

- MW-70-PMA02A 5.7 — FIRST SAND MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L) IN FALL 2010
- MW-70-11 5.0 U — FIRST SAND POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L) IN FALL 2010
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING
- 5 — APPROXIMATE TCE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DULPICATE SAMPLE
J - ESTIMATED VALUE
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

POC - POINT OF COMPLIANCE

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(80-100) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-9

IR Site 70, First Sand - Source Area Biobarrier, First Sand Biobarriers 1 & 2, TCE in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

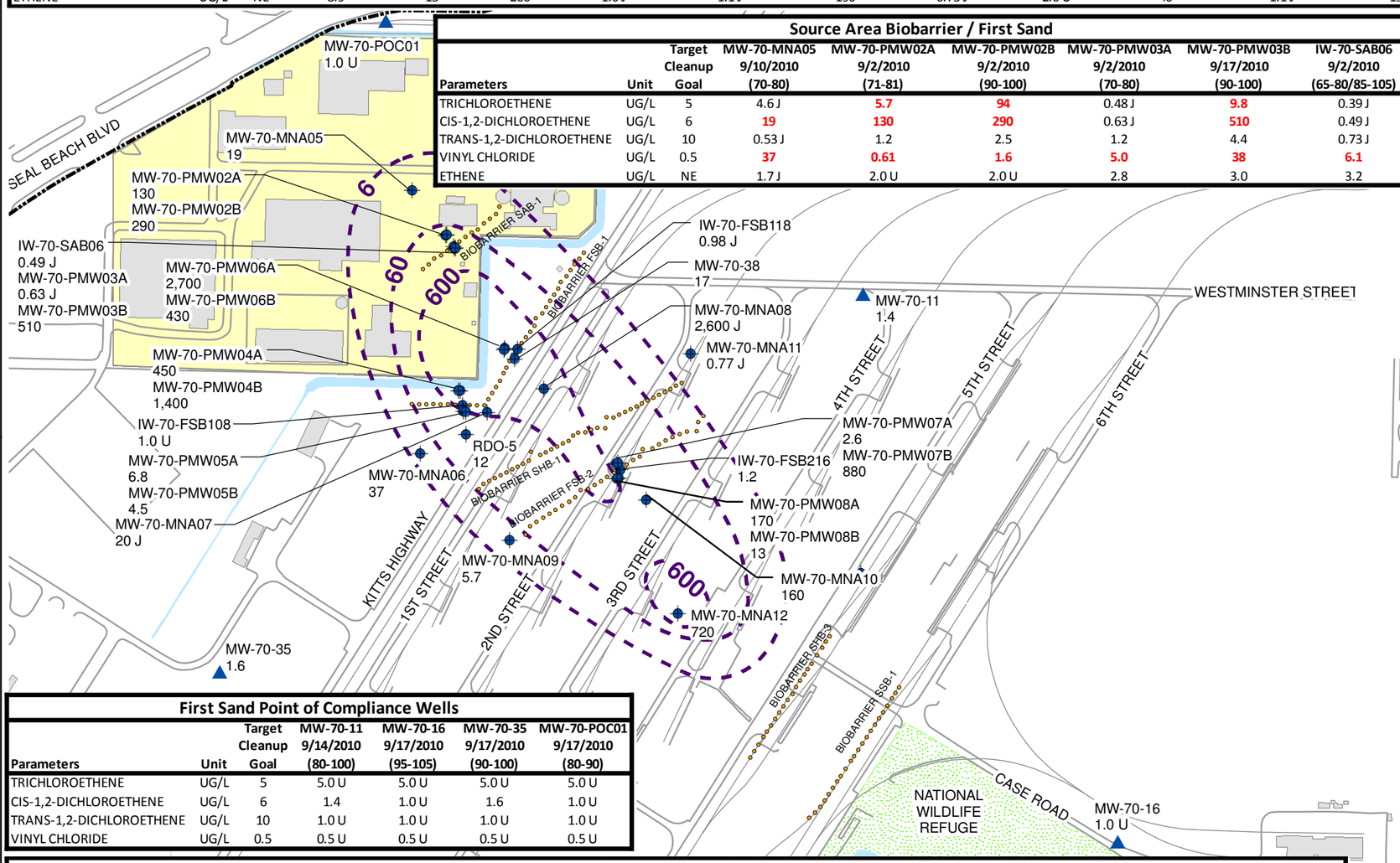
Date: 1/30/2011
File No. 14114fscoc5.mxd
Project No.: 4-14114
Rev. A

First Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-FSB108 9/8/2010 (60-105)	IW-70-FSB118 9/8/2010 (60-105)	MW-70-38 9/3/2010 (80-100)	MW-70-MNA06 9/10/2010 (80-90)	MW-70-MNA06 (D) 9/10/2010 (80-90)	MW-70-MNA07 9/16/2010 (90-100)	MW-70-MNA08 9/16/2010 (80-90)	MW-70-MNA11 9/10/2010 (80-90)	MW-70-PMW04A 9/7/2010 (70-80)	MW-70-PMW04B 9/7/2010 (90-100)	MW-70-PMW05A 9/8/2010 (70-80)	MW-70-PMW05B 9/8/2010 (90-100)	MW-70-PMW06A 9/3/2010 (70-80)	MW-70-PMW06B 9/3/2010 (91-101)	RDO-5 9/16/2010 (65-105)
TRICHLOROETHENE	UG/L	5	0.38 J	0.58 J	1.3 J	**11**	**12**	2.6 J	**17**	1.0 J	**12**	**15**	1.6 J	0.99 J	**19**	**4,400**	4.2 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	0.98 J	**17**	**34**	**37**	**20 J**	**2,600 J**	0.77 J	**450**	**1,400**	**6.8**	4.5	**2,700**	**430**	**12**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.5	1.6	8	0.79J	0.86 J	5	**19**	1.0 U	3.4	**16**	0.94 J	3.2	**56**	**51**	0.79 J
VINYL CHLORIDE	UG/L	0.5	**180**	**22**	**5.8**	0.34 J	0.24 J	**2**	**4.7**	0.50 U	**31**	**1.5**	**2.1**	**52**	**95**	**9.8 J**	**2.7**
ETHENE	UG/L	NE	8.9	15	200	1.0 J	1.1 J	190	0.73 J	2.0 U	40	1.1 J	15	95	6.5	0.64 J	9.3

Source Area Biobarrier / First Sand

Parameters	Unit	Target Cleanup Goal	MW-70-MNA05 9/10/2010 (70-80)	MW-70-PMW02A 9/2/2010 (71-81)	MW-70-PMW02B 9/2/2010 (90-100)	MW-70-PMW03A 9/2/2010 (70-80)	MW-70-PMW03B 9/17/2010 (90-100)	IW-70-SAB06 9/2/2010 (65-80/85-105)
TRICHLOROETHENE	UG/L	5	4.6 J	**5.7**	**94**	0.48 J	**9.8**	0.39 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**19**	**130**	**290**	0.63 J	**510**	0.49 J
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.53 J	1.2	2.5	1.2	4.4	0.73 J
VINYL CHLORIDE	UG/L	0.5	**37**	**0.61**	**1.6**	**5.0**	**38**	**6.1**
ETHENE	UG/L	NE	1.7 J	2.0 U	2.0 U	2.8	3.0	3.2



First Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-11 9/14/2010 (80-100)	MW-70-16 9/17/2010 (95-105)	MW-70-35 9/17/2010 (90-100)	MW-70-POC01 9/17/2010 (80-90)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	1.0 U	1.6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U	0.5 U	0.5 U

First Sand Biobarrier 2

Parameters	Unit	Target Cleanup Goal	IW-70-FSB216 9/1/2010 (65-100)	MW-70-MNA09 9/13/2010 (67-74)	MW-70-MNA10 9/22/2010 (75-85)	MW-70-MNA12 9/22/2010 (75-85)	MW-70-PMW07A 8/31/2010 (65-75)	MW-70-PMW07B 8/31/2010 (85-95)	MW-70-PMW08A 9/1/2010 (65-75)	MW-70-PMW08B 9/1/2010 (85-95)	MW-70-PMW08B (D) 9/1/2010 (85-95)
TRICHLOROETHENE	UG/L	5	0.91 J	3.3 J	**8.8**	**14**	4.9 J	**8.4**	0.73 J	2.3 J	2.3 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.2	5.7	**160**	**720**	2.6	**880**	**170**	**12**	**13**
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.51 J	0.50 J	5.7	**20**	1.0 U	8.8	2.0	6.8	6.5
VINYL CHLORIDE	UG/L	0.5	**12**	0.50 U	**110**	**1.6**	0.50 U	**1.5**	**20**	**320**	**330**
ETHENE	UG/L	NE	0.64 J	2.0 U	46	1.1 J	2.0 U	2.0 U	0.95 J	29	28

LEGEND

MW-70-PMA02A 130 — FIRST SAND MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION (ug/L) IN FALL 2010

MW-70-11 1.4 — FIRST SAND POC MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION (ug/L) IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

6 — APPROXIMATE CIS-1,2-DCE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

POC - POINT OF COMPLIANCE

CIS-1,2-DCE - CIS-1,2-DICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(80-100) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

0 200 400 800 Feet

N

2010 Performance Monitoring Report

Figure 4-10

IR Site 70, First Sand - Source Area Biobarrier, First Sand Biobarriers 1 & 2, Cis-1,2-DCE in Groundwater-Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

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Project No.: 4-14114
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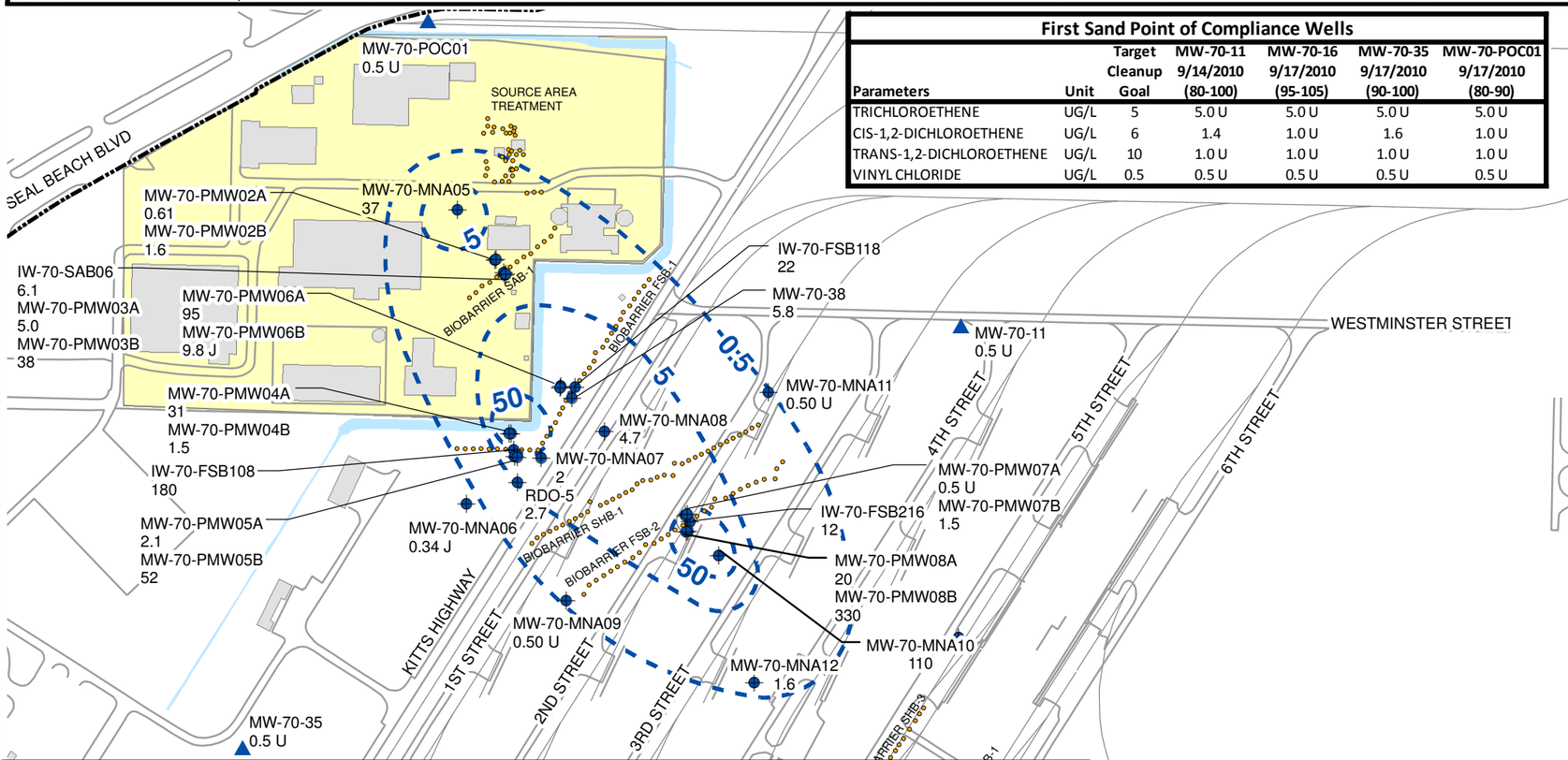
First Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-FSB108 9/8/2010 (60-105)	IW-70-FSB118 9/8/2010 (60-105)	MW-70-38 9/3/2010 (80-100)	MW-70-MNA06 9/10/2010 (80-90)	MW-70-MNA06 (D) 9/10/2010 (80-90)	MW-70-MNA07 9/16/2010 (90-100)	MW-70-MNA08 9/16/2010 (80-90)	MW-70-MNA11 9/10/2010 (80-90)	MW-70-PMW04A 9/7/2010 (70-80)	MW-70-PMW04B 9/7/2010 (90-100)	MW-70-PMW05A 9/8/2010 (70-80)	MW-70-PMW05B 9/8/2010 (90-100)	MW-70-PMW06A 9/3/2010 (70-80)	MW-70-PMW06B 9/3/2010 (91-101)	RDO-5 9/16/2010 (65-105)
TRICHLOROETHENE	UG/L	5	0.38 J	0.58 J	1.3 J	**11**	**12**	2.6 J	**17**	1.0 J	**12**	**15**	1.6 J	0.99 J	**19**	**4,400**	4.2 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	0.98 J	**17**	**34**	**37**	**20 J**	**2,600 J**	0.77 J	**450**	**1,400**	**6.8**	4.5	**2,700**	**430**	**12**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.5	1.6	8	0.79J	0.86 J	5	**19**	1.0 U	3.4	**16**	0.94 J	3.2	**56**	**51**	0.79 J
VINYL CHLORIDE	UG/L	0.5	**180**	**22**	**5.8**	0.34 J	0.24 J	**2**	**4.7**	0.50 U	**31**	**1.5**	**2.1**	**52**	**95**	**9.8 J**	**2.7**
ETHENE	UG/L	NE	8.9	15	200	1.0 J	1.1 J	190	0.73 J	2.0 U	40	1.1 J	15	95	6.5	0.64 J	9.3

First Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-11 9/14/2010 (80-100)	MW-70-16 9/17/2010 (95-105)	MW-70-35 9/17/2010 (90-100)	MW-70-POC01 9/17/2010 (80-90)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	1.0 U	1.6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U	0.5 U	0.5 U



LEGEND

- MW-70-PMA02A 0.61 — FIRST SAND MONITORING WELL SHOWING WELL ID AND VINYL CHLORIDE CONCENTRATION (ug/L) IN FALL 2010
- MW-70-11 0.5 — FIRST SAND POC MONITORING WELL SHOWING WELL ID AND VINYL CHLORIDE CONCENTRATION (ug/L) IN FALL 2010
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING
- 5 — APPROXIMATE VINYL CHLORIDE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

POC - POINT OF COMPLIANCE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(80-100) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

N

0 200 400 800 Feet

Source Area Biobarrier / First Sand

Parameters	Unit	Target Cleanup Goal	MW-70-MNA05 9/10/2010 (70-80)	MW-70-PMW02A 9/2/2010 (71-81)	MW-70-PMW02B 9/2/2010 (90-100)	MW-70-PMW03A 9/2/2010 (70-80)	MW-70-PMW03B 9/17/2010 (90-100)	IW-70-SAB06 9/2/2010 (65-80/85-105)
TRICHLOROETHENE	UG/L	5	4.6 J	**5.7**	**94**	0.48 J	**9.8**	0.39 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**19**	**130**	**290**	0.63 J	**510**	0.49 J
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.53 J	1.2	2.5	1.2	4.4	0.73 J
VINYL CHLORIDE	UG/L	0.5	**37**	**0.61**	**1.6**	**5.0**	**38**	**6.1**
ETHENE	UG/L	NE	1.7 J	2.0 U	2.0 U	2.8	3.0	3.2

First Sand Biobarrier 2

Parameters	Unit	Target Cleanup Goal	IW-70-FSB216 9/1/2010 (65-100)	MW-70-MNA09 9/13/2010 (67-74)	MW-70-MNA10 9/22/2010 (75-85)	MW-70-MNA12 9/22/2010 (75-85)	MW-70-PMW07A 8/31/2010 (65-75)	MW-70-PMW07B 8/31/2010 (85-95)	MW-70-PMW08A 9/1/2010 (65-75)	MW-70-PMW08B 9/1/2010 (85-95)	MW-70-PMW08B (D) 9/1/2010 (85-95)
TRICHLOROETHENE	UG/L	5	0.91 J	3.3 J	**8.8**	**14**	4.9 J	**8.4**	0.73 J	2.3 J	2.3 J
CIS-1,2-DICHLOROETHENE	UG/L	6	1.2	5.7	**160**	**720**	2.6	**880**	**170**	**12**	**13**
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.51 J	0.50 J	5.7	**20**	1.0 U	8.8	2.0	6.8	6.5
VINYL CHLORIDE	UG/L	0.5	**12**	0.50 U	**110**	**1.6**	0.50 U	**1.5**	**20**	**320**	**330**
ETHENE	UG/L	NE	0.64 J	2.0 U	46	1.1 J	2.0 U	2.0 U	0.95 J	29	28

2010 Performance Monitoring Report

Figure 4-11

IR Site 70, First Sand - Source Area Biobarrier, First Sand Biobarriers 1 & 2, Vinyl Chloride in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

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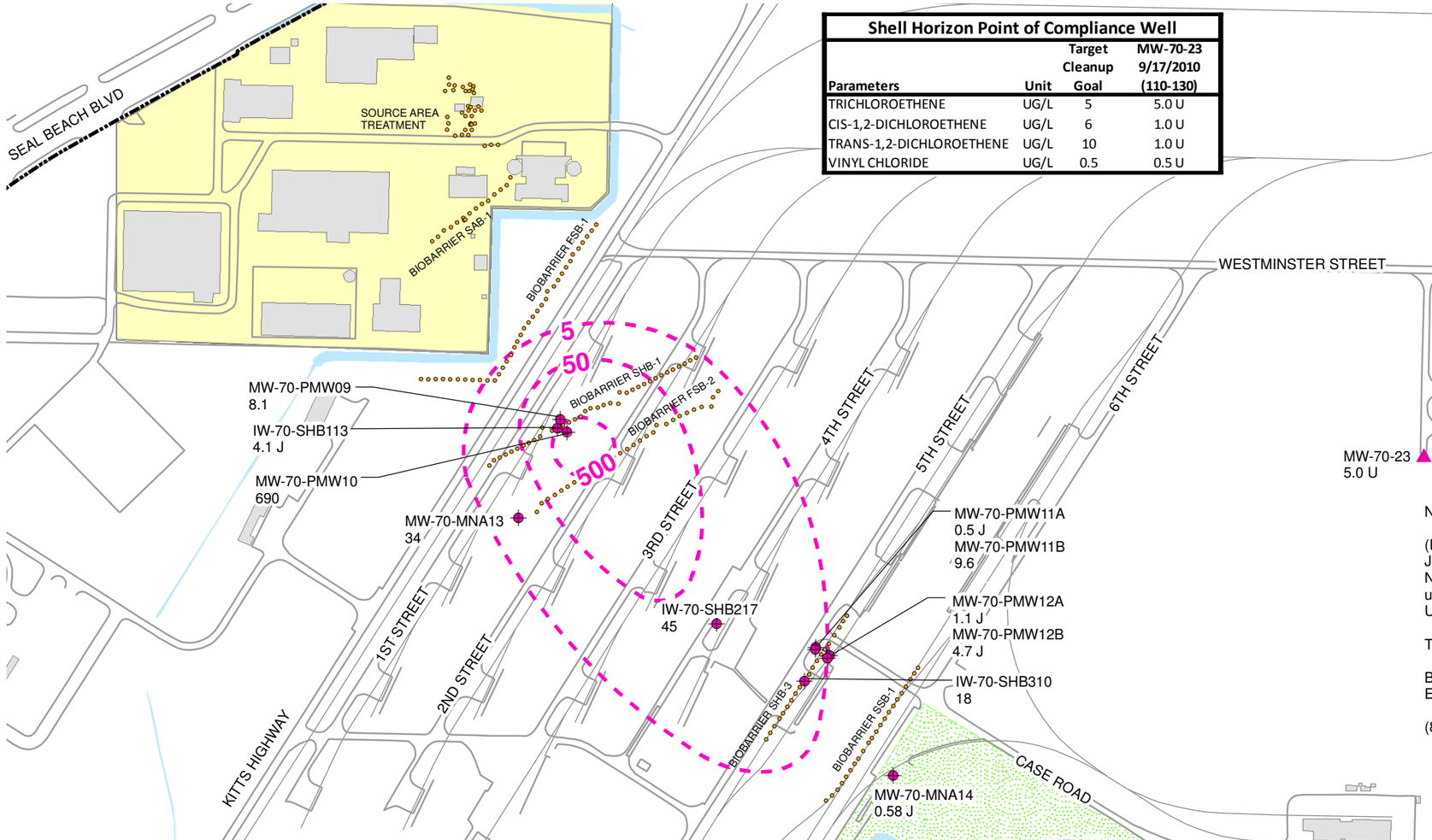

Shell Horizon Point of Compliance Well

Parameters	Unit	Target Cleanup Goal	MW-70-23 9/17/2010 (110-130)
TRICHLOROETHENE	UG/L	5	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U

LEGEND

MW-70-PMW11A 0.50 J — SHELL HORIZON MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L) IN FALL 2010

MW-70-23 5.0 U — SHELL HORIZON POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION IN ug/L IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

—5— APPROXIMATE TCE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(85-95) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

Shell Horizon Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SHB113 9/15/2010 (105-130)	IW-70-SHB217 9/23/2010 (105-130)	MW-70-MNA13 9/24/2010 (115-125)	MW-70-PMW09 9/15/2010 (120-130)	MW-70-PMW10 9/15/2010 (120-130)	MW-70-PMW10 (D) 9/15/2010 (120-130)
TRICHLOROETHENE	UG/L	5	4.1 J	**45**	**34**	**8.1**	**690**	530
CIS-1,2-DICHLOROETHENE	UG/L	6	2.5	**1,000**	**41**	**1,100 J**	**2,200**	**2,100**
TRANS-1,2-DICHLOROETHENE	UG/L	10	5.5	**120**	1.4	**14 J**	**100**	**100**
VINYL CHLORIDE	UG/L	0.5	**3.3**	**3.2**	0.22 J	**2.1**	**3.8**	**3.5**
ETHENE	UG/L	NE	29 UJ	2.3	2.0 U	1.1 J	1.2 J	1.2 J

Shell Horizon Biobarrier 3

Parameters	Unit	Target Cleanup Goal	MW-70-PMW11A 9/8/2010 (85-95)	MW-70-PMW11B 9/9/2010 (115-125)	MW-70-PMW12A 9/16/2010 (85-95)	MW-70-PMW12B 9/16/2010 (115-125)	MW-70-PMW12B (D) 9/16/2010 (115-125)	MW-70-MNA14 9/22/2010 (115-125)	IW-70-SHB310 8/31/2010 (80-95/105-130)
TRICHLOROETHENE	UG/L	5	0.50 J	**9.6**	1.1 J	4.7 J	4.8 J	0.58 J	**18**
CIS-1,2-DICHLOROETHENE	UG/L	6	0.82 J	**610**	0.59 J	2.5 J	2.4 J	**14**	**210**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	**57**	5.4	**45**	**45**	1.0 U	**17**
VINYL CHLORIDE	UG/L	0.5	0.34 J	**120**	**53**	**99**	**99**	0.25 J	**15**
ETHENE	UG/L	NE	2.0 U	1.7 J	3.7	71	74	2.4	2.7

N

0 200 400 800 Feet

2010 Performance Monitoring Report

Figure 4-12

IR Site 70, Shell Horizon - Shell Horizon Biobarriers 1 & 3
Trichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

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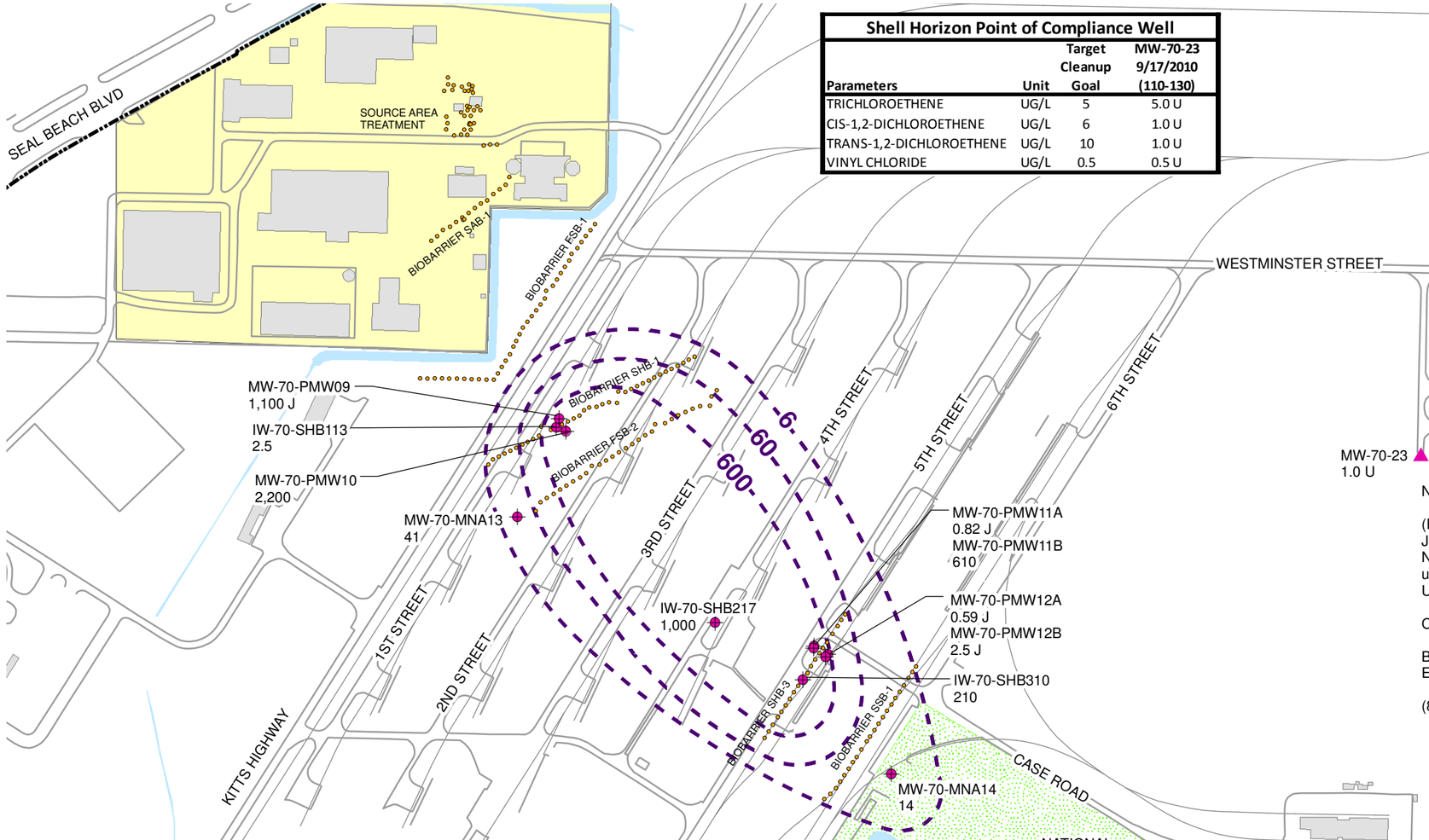

Shell Horizon Point of Compliance Well

Parameters	Unit	Target Cleanup Goal	MW-70-23 9/17/2010 (110-130)
TRICHLOROETHENE	UG/L	5	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U

LEGEND

MW-70-PMW11A 0.82 J — SHELL HORIZON MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION (ug/L) IN FALL 2010

MW-70-23 1.0 U — SHELL HORIZON POC MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION IN ug/L IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

6 — APPROXIMATE CIS-1,2-DCE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

CIS-1,2-DCE - CIS-1,2-DICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(85-95) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

Shell Horizon Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SHB113 9/15/2010 (105-130)	IW-70-SHB217 9/23/2010 (105-130)	MW-70-MNA13 9/24/2010 (115-125)	MW-70-PMW09 9/15/2010 (120-130)	MW-70-PMW10 9/15/2010 (120-130)	MW-70-PMW10 (D) 9/15/2010 (120-130)
TRICHLOROETHENE	UG/L	5	4.1 J	**45**	**34**	**8.1**	**690**	530
CIS-1,2-DICHLOROETHENE	UG/L	6	2.5	**1,000**	**41**	**1,100 J**	**2,200**	**2,100**
TRANS-1,2-DICHLOROETHENE	UG/L	10	5.5	**120**	1.4	**14 J**	**100**	**100**
VINYL CHLORIDE	UG/L	0.5	**3.3**	**3.2**	0.22 J	**2.1**	**3.8**	**3.5**
ETHENE	UG/L	NE	29 UJ	2.3	2.0 U	1.1 J	1.2 J	1.2 J

Shell Horizon Biobarrier 3

Parameters	Unit	Target Cleanup Goal	MW-70-PMW11A 9/8/2010 (85-95)	MW-70-PMW11B 9/9/2010 (115-125)	MW-70-PMW12A 9/16/2010 (85-95)	MW-70-PMW12B 9/16/2010 (115-125)	MW-70-PMW12B (D) 9/16/2010 (115-125)	MW-70-MNA14 9/22/2010 (115-125)	IW-70-SHB310 8/31/2010 (80-95/105-130)
TRICHLOROETHENE	UG/L	5	0.50 J	**9.6**	1.1 J	4.7 J	4.8 J	0.58 J	**18**
CIS-1,2-DICHLOROETHENE	UG/L	6	0.82 J	**610**	0.59 J	2.5 J	2.4 J	**14**	**210**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	**57**	5.4	**45**	**45**	1.0 U	**17**
VINYL CHLORIDE	UG/L	0.5	0.34 J	**120**	**53**	**99**	**99**	0.25 J	**15**
ETHENE	UG/L	NE	2.0 U	1.7 J	3.7	71	74	2.4	2.7

0 200 400 800 Feet

N

2010 Performance Monitoring Report

Figure 4-13

IR Site 70, Shell Horizon - Shell Horizon Biobarriers 1 & 3
Cis-1,2-Dichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

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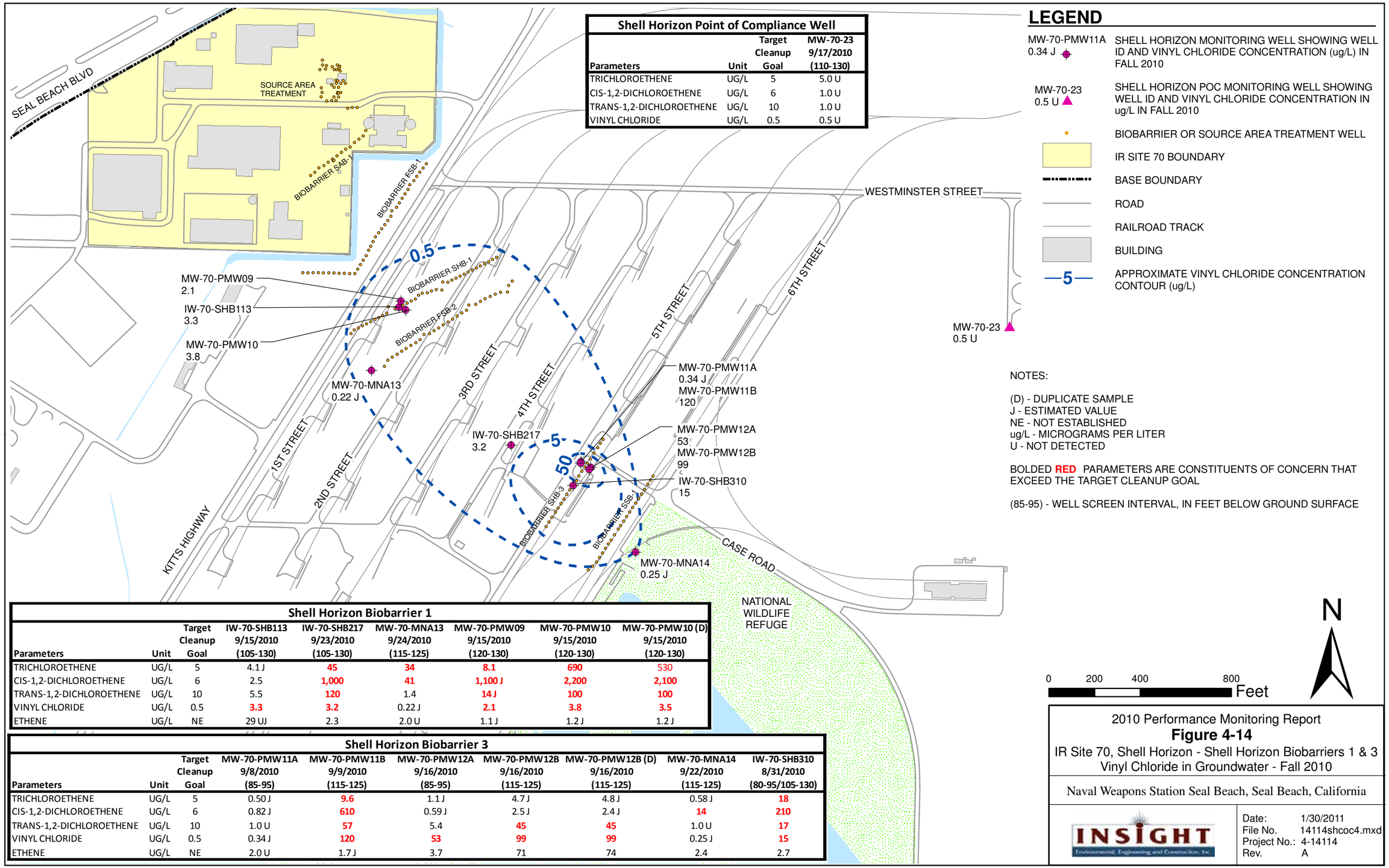

Shell Horizon Point of Compliance Well

Parameters	Unit	Target Cleanup Goal	MW-70-23 9/17/2010 (110-130)
TRICHLOROETHENE	UG/L	5	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U

Shell Horizon Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SHB113 9/15/2010 (105-130)	IW-70-SHB217 9/23/2010 (105-130)	MW-70-MNA13 9/24/2010 (115-125)	MW-70-PMW09 9/15/2010 (120-130)	MW-70-PMW10 9/15/2010 (120-130)	MW-70-PMW10 (D) 9/15/2010 (120-130)
TRICHLOROETHENE	UG/L	5	4.1 J	**45**	**34**	**8.1**	**690**	530
CIS-1,2-DICHLOROETHENE	UG/L	6	2.5	**1,000**	**41**	**1,100 J**	**2,200**	**2,100**
TRANS-1,2-DICHLOROETHENE	UG/L	10	5.5	**120**	1.4	**14 J**	**100**	**100**
VINYL CHLORIDE	UG/L	0.5	**3.3**	**3.2**	0.22 J	**2.1**	**3.8**	**3.5**
ETHENE	UG/L	NE	29 UJ	2.3	2.0 U	1.1 J	1.2 J	1.2 J

Shell Horizon Biobarrier 3

Parameters	Unit	Target Cleanup Goal	MW-70-PMW11A 9/8/2010 (85-95)	MW-70-PMW11B 9/9/2010 (115-125)	MW-70-PMW12A 9/16/2010 (85-95)	MW-70-PMW12B 9/16/2010 (115-125)	MW-70-PMW12B (D) 9/16/2010 (115-125)	MW-70-MNA14 9/22/2010 (115-125)	IW-70-SHB310 8/31/2010 (80-95/105-130)
TRICHLOROETHENE	UG/L	5	0.50 J	**9.6**	1.1 J	4.7 J	4.8 J	0.58 J	**18**
CIS-1,2-DICHLOROETHENE	UG/L	6	0.82 J	**610**	0.59 J	2.5 J	2.4 J	**14**	**210**
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	**57**	5.4	**45**	**45**	1.0 U	**17**
VINYL CHLORIDE	UG/L	0.5	0.34 J	**120**	**53**	**99**	**99**	0.25 J	**15**
ETHENE	UG/L	NE	2.0 U	1.7 J	3.7	71	74	2.4	2.7

2010 Performance Monitoring Report

Figure 4-14

IR Site 70, Shell Horizon - Shell Horizon Biobarriers 1 & 3
Vinyl Chloride in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

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Second Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SSB109 9/20/2010 (126-166)	MW-70-14 9/28/2010 (160-170)	MW-70-15 9/24/2010 (161-171)	MW-70-43B 9/22/2010 (136-146)	MW-70-MNA15 9/23/2010 (140-150)	MW-70-MNA16 9/23/2010 (141-151)	MW-70-MNA17 9/23/2010 (140-150)	MW-70-PMW13A 9/9/2010 (125-135)	MW-70-PMW13B 9/9/2010 (145-155)	MW-70-PMW14A 9/20/2010 (128-138)	MW-70-PMW14B 9/23/2010 (149-159)	MW-70-PMW14B (D) 9/23/2010 (149-159)
TRICHLOROETHENE	UG/L	5	0.4 J	**260**	**14**	**37**	**1,200**	**510**	**20**	**490 J**	**1,300**	**14**	**17**	18
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	**280**	4.2	**9**	**320**	**670**	**7.2**	**150**	**270**	**630**	**600**	600
TRANS-1,2-DICHLOROETHENE	UG/L	10	2.5	**23**	1.0 U	2.5	**84**	**54**	3.3	**110**	**66**	**61**	**47**	48
VINYL CHLORIDE	UG/L	0.5	**5.3**	**1.1**	0.50 U	0.43 J	**5.3**	**9.7**	0.27 J	**350**	**10**	**340**	**430**	420
ETHENE	UG/L	NE	1.4 J	NA	2.0 U	NA	2.0U	0.90 J	2.0 U	5.1	0.76 J	8.4	19	18

LEGEND

MW-70-MNA15 1,200 — SECOND SAND MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L) IN FALL 2010

MW-70-36 5.0 U — SECOND SAND POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L) IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

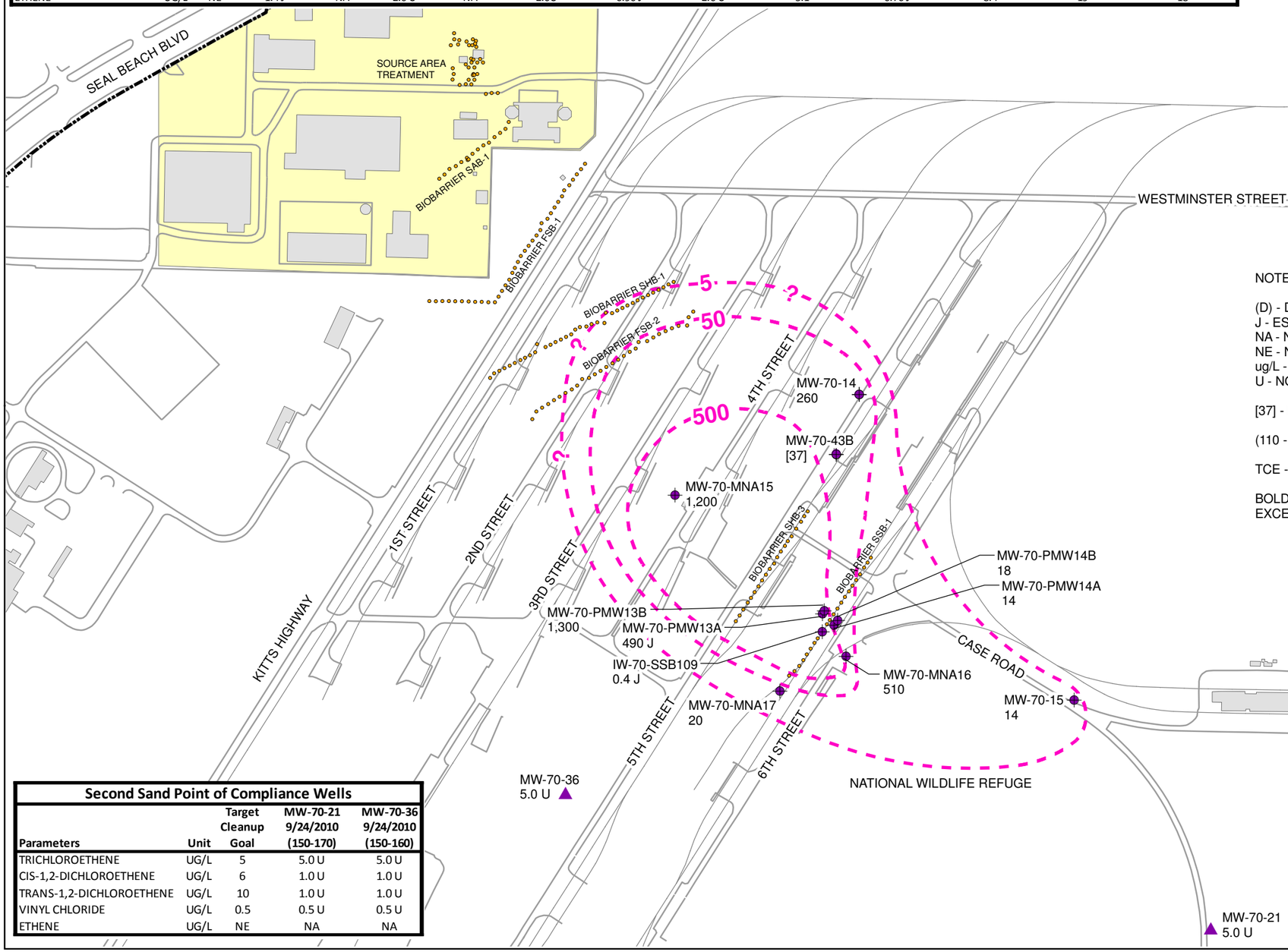
BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

5 — APPROXIMATE TCE CONCENTRATION CONTOUR (ug/L)



NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NA - NOT ANALYZED
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

[37] - NOT CONTOURED DUE TO DIFFERENCE IN SCREEN INTERVAL

(110 - 170) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

Second Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-21 9/24/2010 (150-170)	MW-70-36 9/24/2010 (150-160)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U
ETHENE	UG/L	NE	NA	NA

2010 Performance Monitoring Report

Figure 4-15

IR Site 70, Second Sand - Second Sand Biobarrier 1
Trichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No.: 14114sscoc4.mxd
Project No.: 4-14114
Rev.: A

Second Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SSB109 9/20/2010 (126-166)	MW-70-14 9/28/2010 (160-170)	MW-70-15 9/24/2010 (161-171)	MW-70-43B 9/22/2010 (136-146)	MW-70-MNA15 9/23/2010 (140-150)	MW-70-MNA16 9/23/2010 (141-151)	MW-70-MNA17 9/23/2010 (140-150)	MW-70-PMW13A 9/9/2010 (125-135)	MW-70-PMW13B 9/9/2010 (145-155)	MW-70-PMW14A 9/20/2010 (128-138)	MW-70-PMW14B 9/23/2010 (149-159)	MW-70-PMW14B (D) 9/23/2010 (149-159)
TRICHLOROETHENE	UG/L	5	0.4 J	**260**	**14**	**37**	**1,200**	**510**	**20**	**490 J**	**1,300**	**14**	**17**	18
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	**280**	4.2	**9**	**320**	**670**	**7.2**	**150**	**270**	**630**	**600**	600
TRANS-1,2-DICHLOROETHENE	UG/L	10	2.5	**23**	1.0 U	2.5	**84**	**54**	3.3	**110**	**66**	**61**	**47**	48
VINYL CHLORIDE	UG/L	0.5	**5.3**	**1.1**	0.50 U	0.43 J	**5.3**	**9.7**	0.27 J	**350**	**10**	**340**	**430**	420
ETHENE	UG/L	NE	1.4 J	NA	2.0 U	NA	2.0U	0.90 J	2.0 U	5.1	0.76 J	8.4	19	18

LEGEND

MW-70-MNA15 320 — SECOND SAND MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION (ug/L) IN FALL 2010

MW-70-36 1.0 U — SECOND SAND POC MONITORING WELL SHOWING WELL ID AND CIS-1,2-DCE CONCENTRATION (ug/L) IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

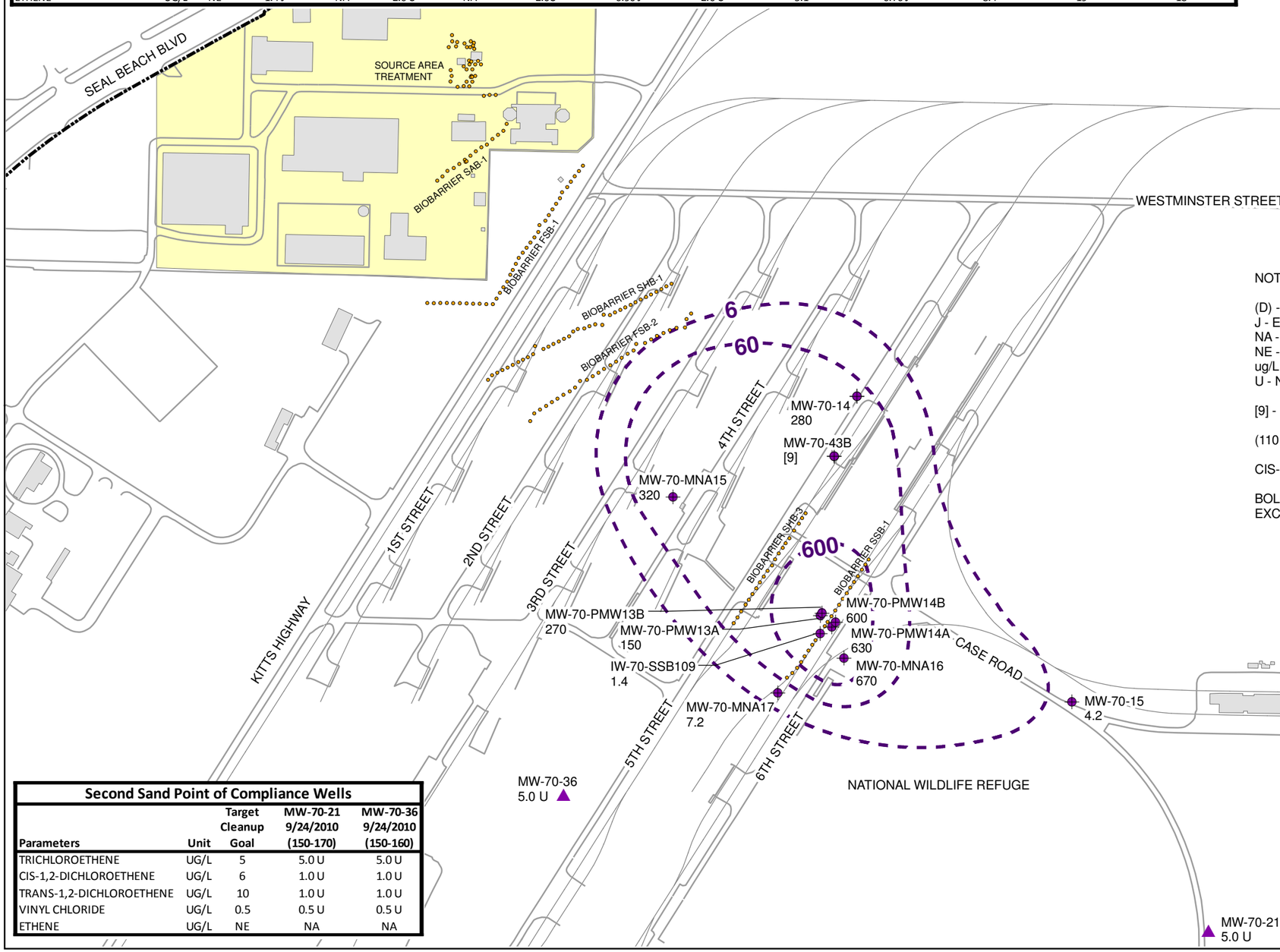
BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

6 — APPROXIMATE CIS-1,2-DCE CONCENTRATION CONTOUR (ug/L)



NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NA - NOT ANALYZED
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

[9] - NOT CONTOURED DUE TO DIFFERENCE IN SCREEN INTERVAL

(110 - 170) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

CIS-1,2-DCE - CIS-1,2-DICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

N

0 200 400 800 Feet

Second Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-21 9/24/2010 (150-170)	MW-70-36 9/24/2010 (150-160)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U
ETHENE	UG/L	NE	NA	NA

2010 Performance Monitoring Report

Figure 4-16

IR Site 70, Second Sand - Second Sand Biobarrier 1
Cis-1,2-Dichloroethene in Groundwater - Fall 2010

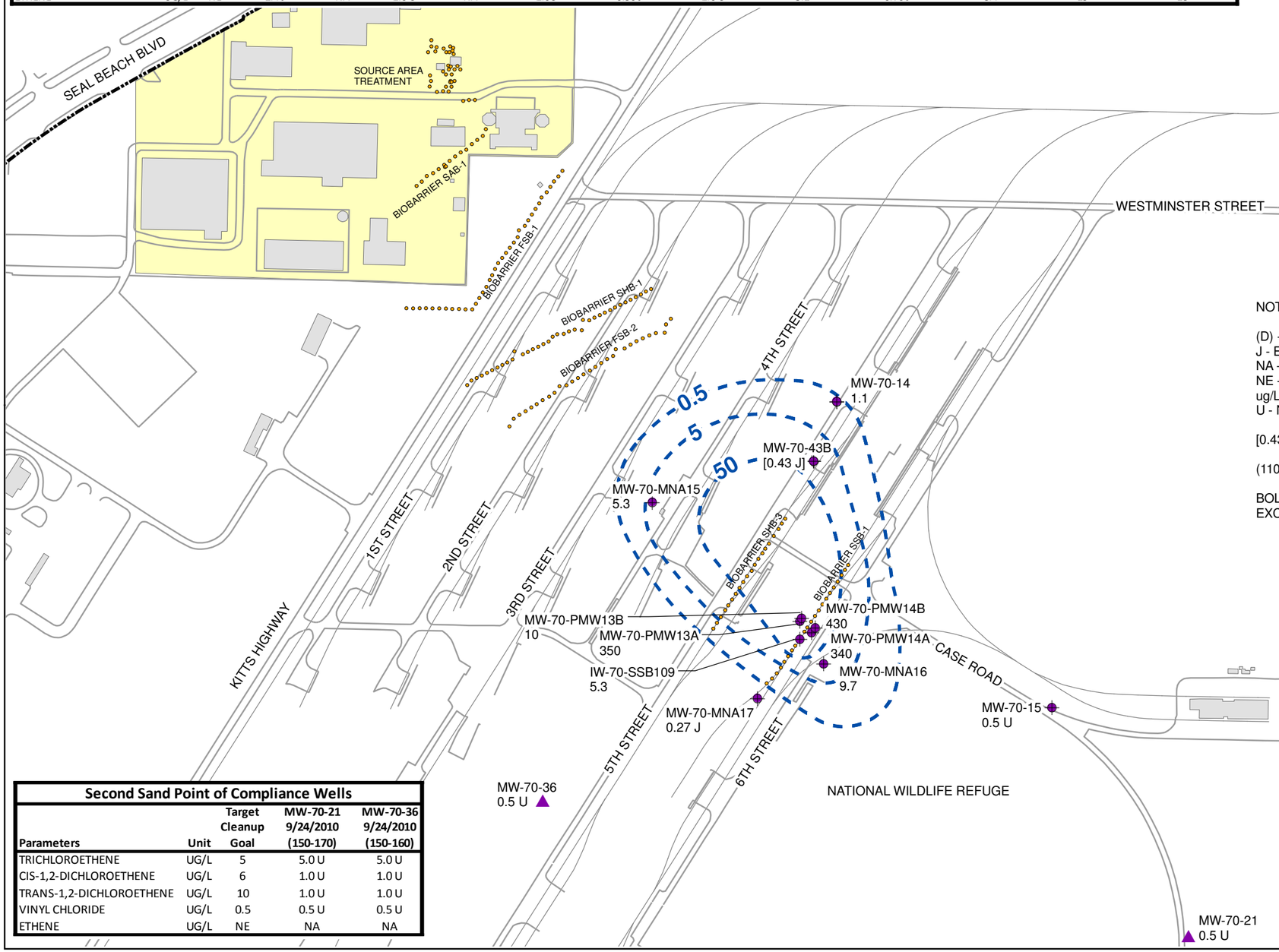
Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No.: 14114sscoc3.mxd
Project No.: 4-14114
Rev.: A

Second Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SSB109 9/20/2010 (126-166)	MW-70-14 9/28/2010 (160-170)	MW-70-15 9/24/2010 (161-171)	MW-70-43B 9/22/2010 (136-146)	MW-70-MNA15 9/23/2010 (140-150)	MW-70-MNA16 9/23/2010 (141-151)	MW-70-MNA17 9/23/2010 (140-150)	MW-70-PMW13A 9/9/2010 (125-135)	MW-70-PMW13B 9/9/2010 (145-155)	MW-70-PMW14A 9/20/2010 (128-138)	MW-70-PMW14B 9/23/2010 (149-159)	MW-70-PMW14B (D) 9/23/2010 (149-159)
TRICHLOROETHENE	UG/L	5	0.4 J	**260**	**14**	**37**	**1,200**	**510**	**20**	**490 J**	**1,300**	**14**	**17**	18
CIS-1,2-DICHLOROETHENE	UG/L	6	1.4	**280**	4.2	**9**	**320**	**670**	**7.2**	**150**	**270**	**630**	**600**	600
TRANS-1,2-DICHLOROETHENE	UG/L	10	2.5	**23**	1.0 U	2.5	**84**	**54**	3.3	**110**	**66**	**61**	**47**	48
VINYL CHLORIDE	UG/L	0.5	**5.3**	**1.1**	0.50 U	0.43 J	**5.3**	**9.7**	0.27 J	**350**	**10**	**340**	**430**	420
ETHENE	UG/L	NE	1.4 J	NA	2.0 U	NA	2.0U	0.90 J	2.0 U	5.1	0.76 J	8.4	19	18



Second Sand Point of Compliance Wells

Parameters	Unit	Target Cleanup Goal	MW-70-21 9/24/2010 (150-170)	MW-70-36 9/24/2010 (150-160)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.5 U	0.5 U
ETHENE	UG/L	NE	NA	NA

LEGEND

MW-70-MNA15 1,200 — SECOND SAND MONITORING WELL SHOWING WELL ID AND VINYL CHLORIDE CONCENTRATION (ug/L) IN FALL 2010

MW-70-36 0.5 U — SECOND SAND POC MONITORING WELL SHOWING WELL ID AND VINYL CHLORIDE CONCENTRATION (ug/L) IN FALL 2010

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

5 — APPROXIMATE VINYL CHLORIDE CONCENTRATION CONTOUR (ug/L)

NOTES:

(D) - DUPLICATE SAMPLE
J - ESTIMATED VALUE
NA - NOT ANALYZED
NE - NOT ESTABLISHED
ug/L - MICROGRAMS PER LITER
U - NOT DETECTED

[0.43 J] - NOT CONTOURED DUE TO DIFFERENCE IN SCREEN INTERVAL

(110 - 170) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

N

0 200 400 800 Feet

2010 Performance Monitoring Report

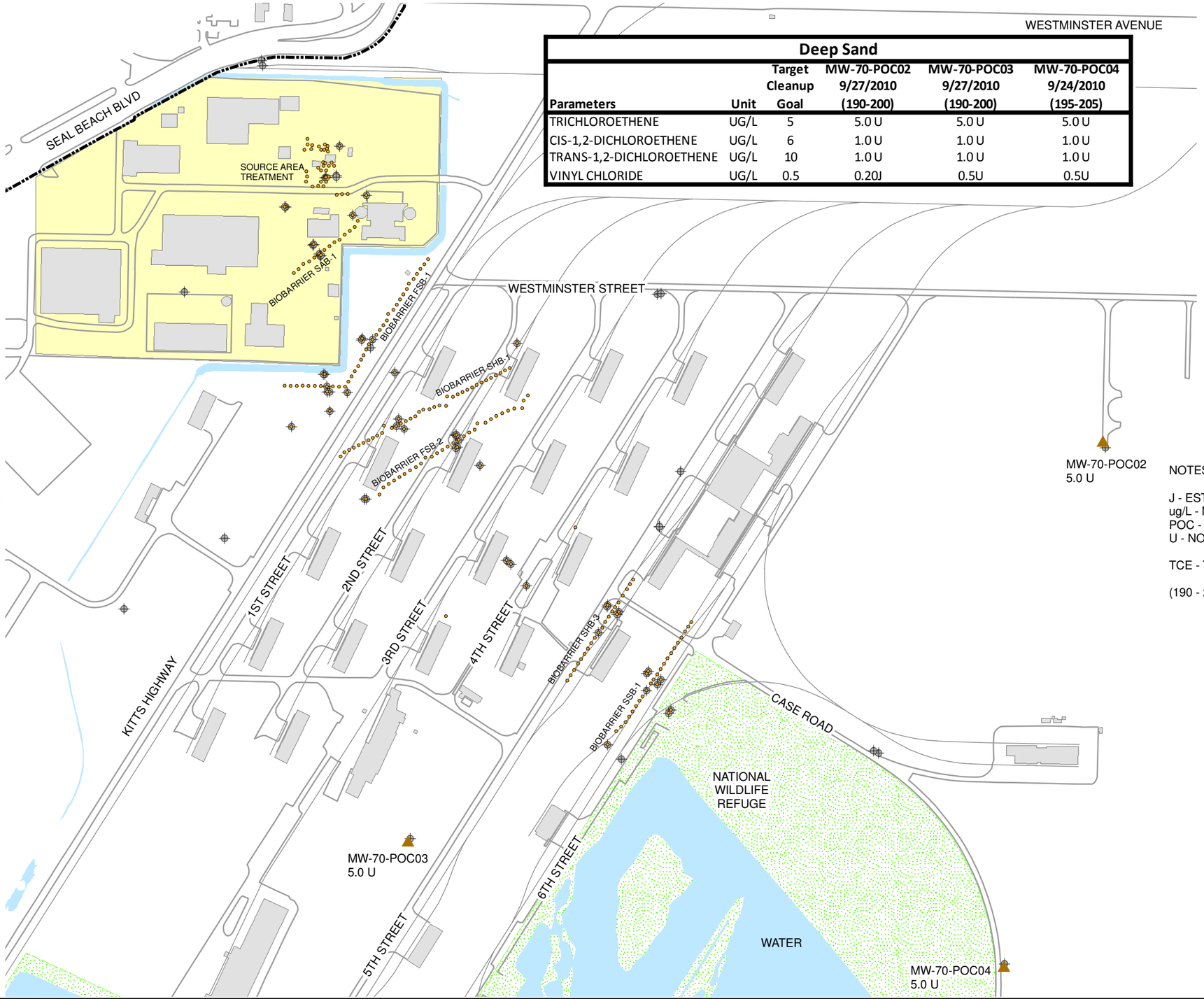
Figure 4-17

IR Site 70, Second Sand - Second Sand Biobarrier 1
Vinyl Chloride in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No.: 14114sscoc6.mxd
Project No.: 4-14114
Rev.: A



Deep Sand					
Parameters	Unit	Target Cleanup Goal	MW-70-POC02 9/27/2010 (190-200)	MW-70-POC03 9/27/2010 (190-200)	MW-70-POC04 9/24/2010 (195-205)
TRICHLOROETHENE	UG/L	5	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	UG/L	6	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHENE	UG/L	10	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	UG/L	0.5	0.20J	0.5U	0.5U

LEGEND

MW-70-POC03 5.0 U — DEEP SAND POC MONITORING WELL SHOWING STATION ID AND TCE CONCENTRATION IN ug/L IN FALL 2010

BASELINE MONITORING WELL

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

NOTES:

J - ESTIMATED VALUE
ug/L - MICROGRAMS PER LITER
POC - POINT OF COMPLIANCE
U - NOT DETECTED

TCE - TRICHLOROETHENE

(190 - 200) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

N

0 200 400 800 Feet

2010 Performance Monitoring Report

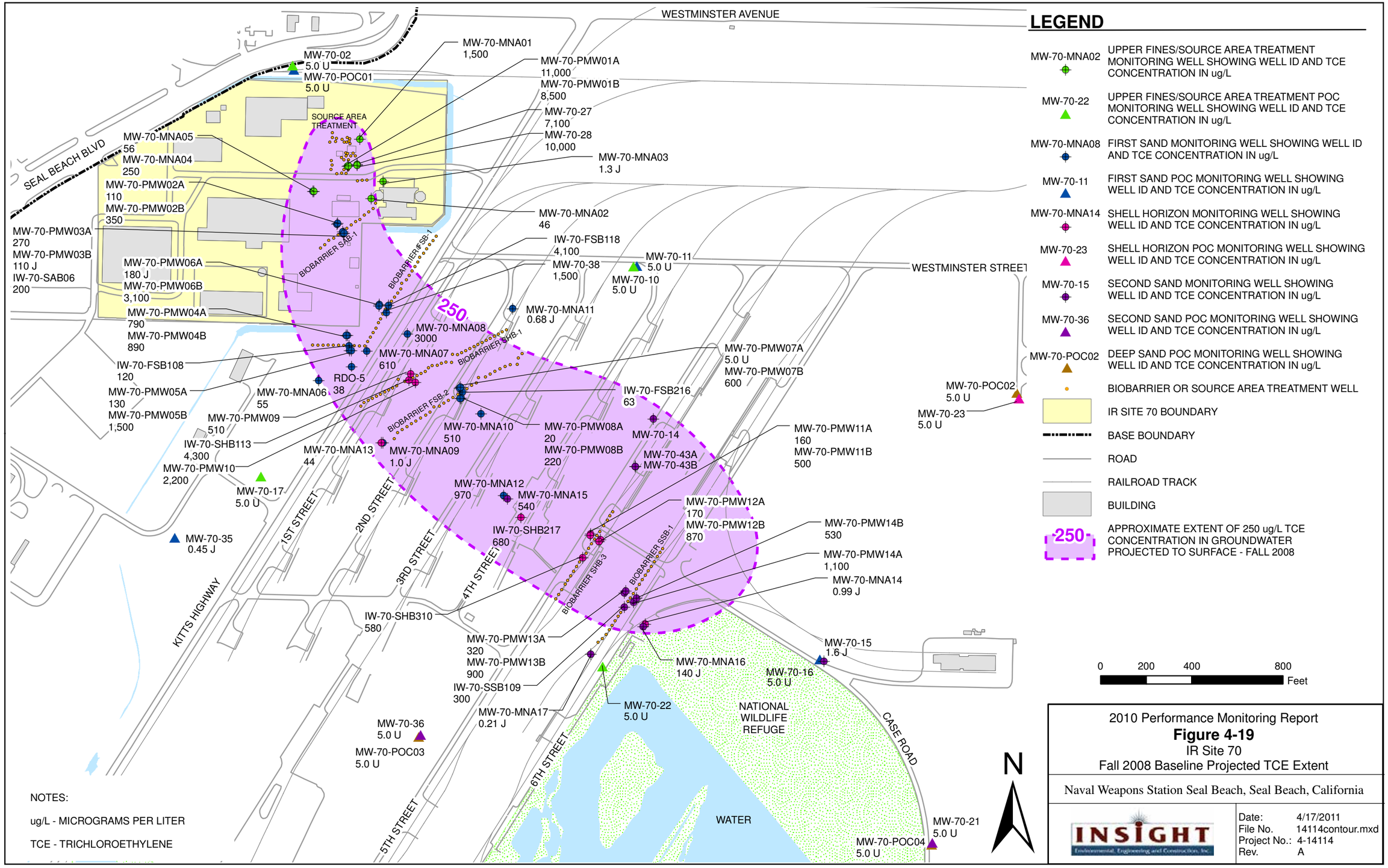
Figure 4-18

IR Site 70, Deep Sand - Deep Sand Point of Compliance Trichloroethene in Groundwater - Fall 2010

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 4/17/2011
File No. 14114dscoc2.mxd
Project No.: 4-14114
Rev. A



2010 Performance Monitoring Report

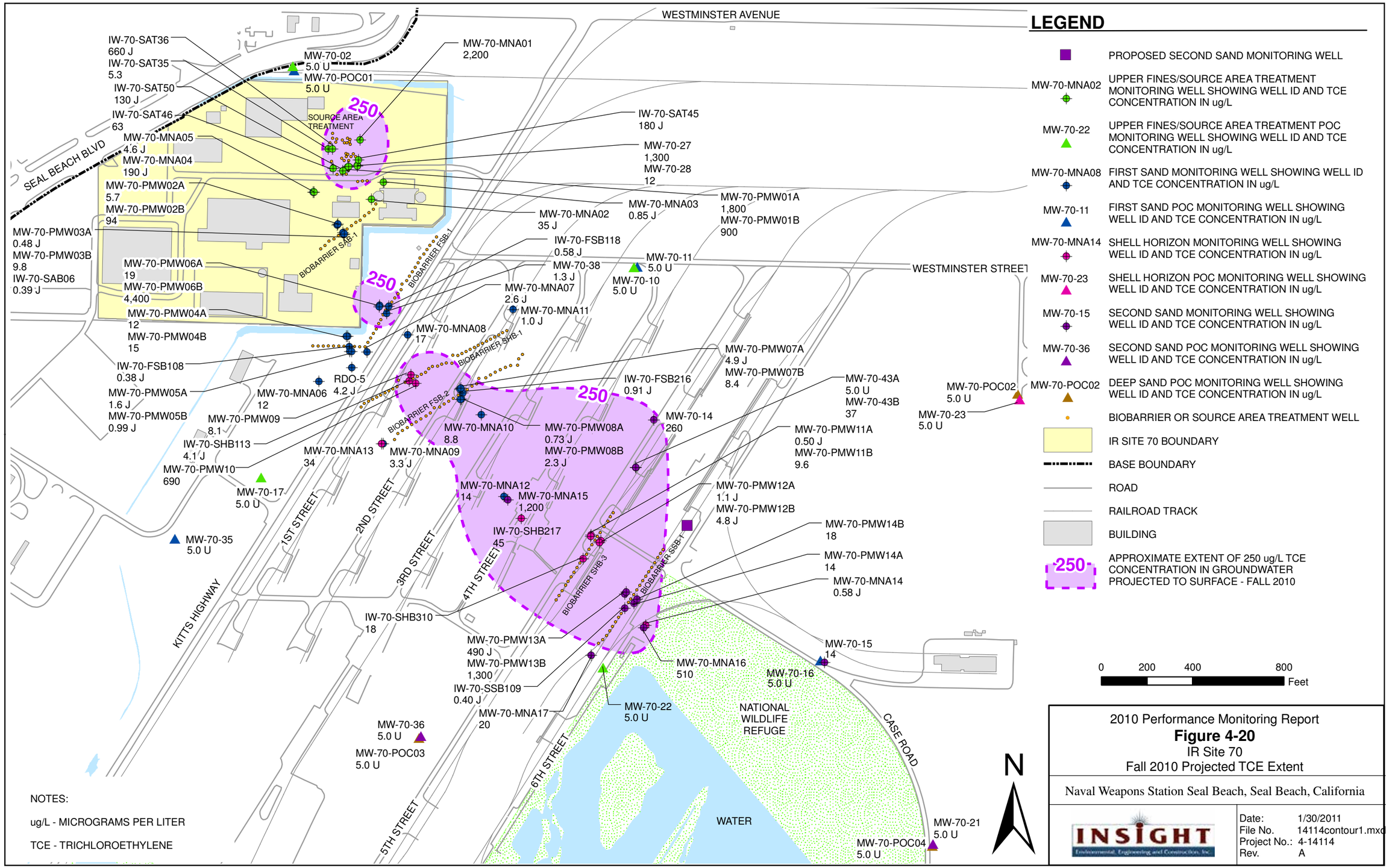
Figure 4-19

IR Site 70

Fall 2008 Baseline Projected TCE Extent

Naval Weapons Station Seal Beach, Seal Beach, California

Date: 4/17/2011
File No. 14114contour.mxd
Project No.: 4-14114
Rev. A



2010 Performance Monitoring Report

Figure 4-20

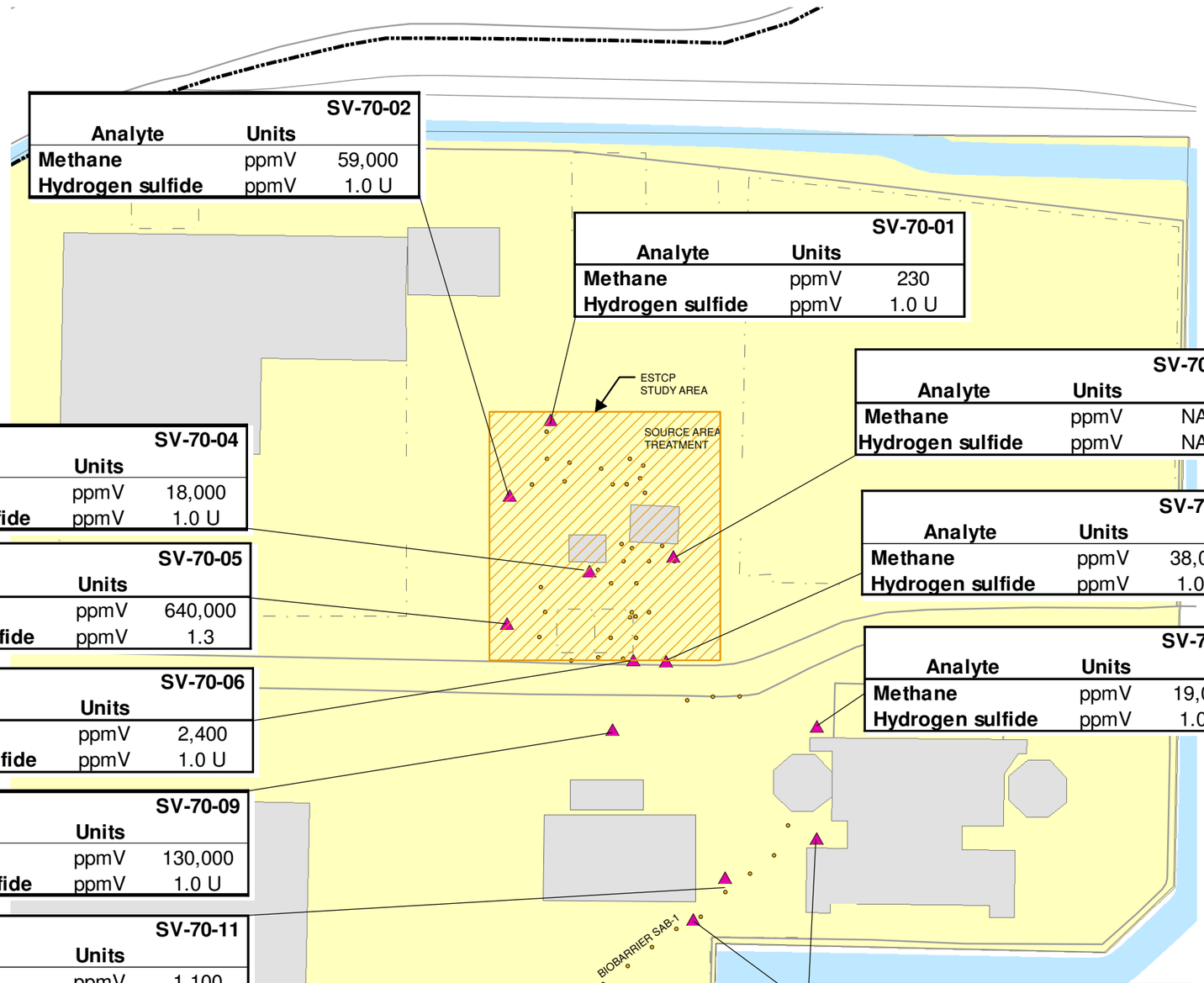
IR Site 70

Fall 2010 Projected TCE Extent

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114contour1.mxd
Project No.: 4-14114
Rev. A



Analyte	Units	SV-70-02
Methane	ppmV	59,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-01
Methane	ppmV	230
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-03
Methane	ppmV	NA
Hydrogen sulfide	ppmV	NA

Analyte	Units	SV-70-04
Methane	ppmV	18,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-05
Methane	ppmV	640,000
Hydrogen sulfide	ppmV	1.3

Analyte	Units	SV-70-07
Methane	ppmV	38,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-08
Methane	ppmV	19,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-06
Methane	ppmV	2,400
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-09
Methane	ppmV	130,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-11
Methane	ppmV	1,100
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-12
Methane	ppmV	29,000
Hydrogen sulfide	ppmV	1.0 U

Analyte	Units	SV-70-10
Methane	ppmV	380,000
Hydrogen sulfide	ppmV	1.0 U

LEGEND

- SOIL VAPOR PROBE LOCATION
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- FENCE
- BUILDING

NOTES:

SOIL VAPOR SAMPLES WERE COLLECTED ON SEPTEMBER 10, 2010

ESTCP - ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM

NA - NOT APPLICABLE, SAMPLE NOT COLLECTED DUE TO THE PRESENCE OF WATER IN SAMPLE TUBING

ppmV - PARTS PER MILLION BY VOLUME

U - NOT DETECTED

N

0 50 100 200 Feet

2010 Performance Monitoring Report

Figure 4-21

IR Site 70

Soil Vapor Analytical Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/30/2011
File No. 14114svbox2.mxd
Project No.: 4-14114
Rev. A

LEGEND

APPROXIMATE 1,000-µG/L TCE PLUME EXTENT (2010)

µg/L MICROGRAMS PER LITER

TCE TRICHLOROETHENE

N

0 250 Feet

VERTICAL EXAGGERATION = 10X

Figure 4-22

IR Site 70

1,000 µg/L TCE Plume Extent at 35' BGS in Source Area (Shallow)

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

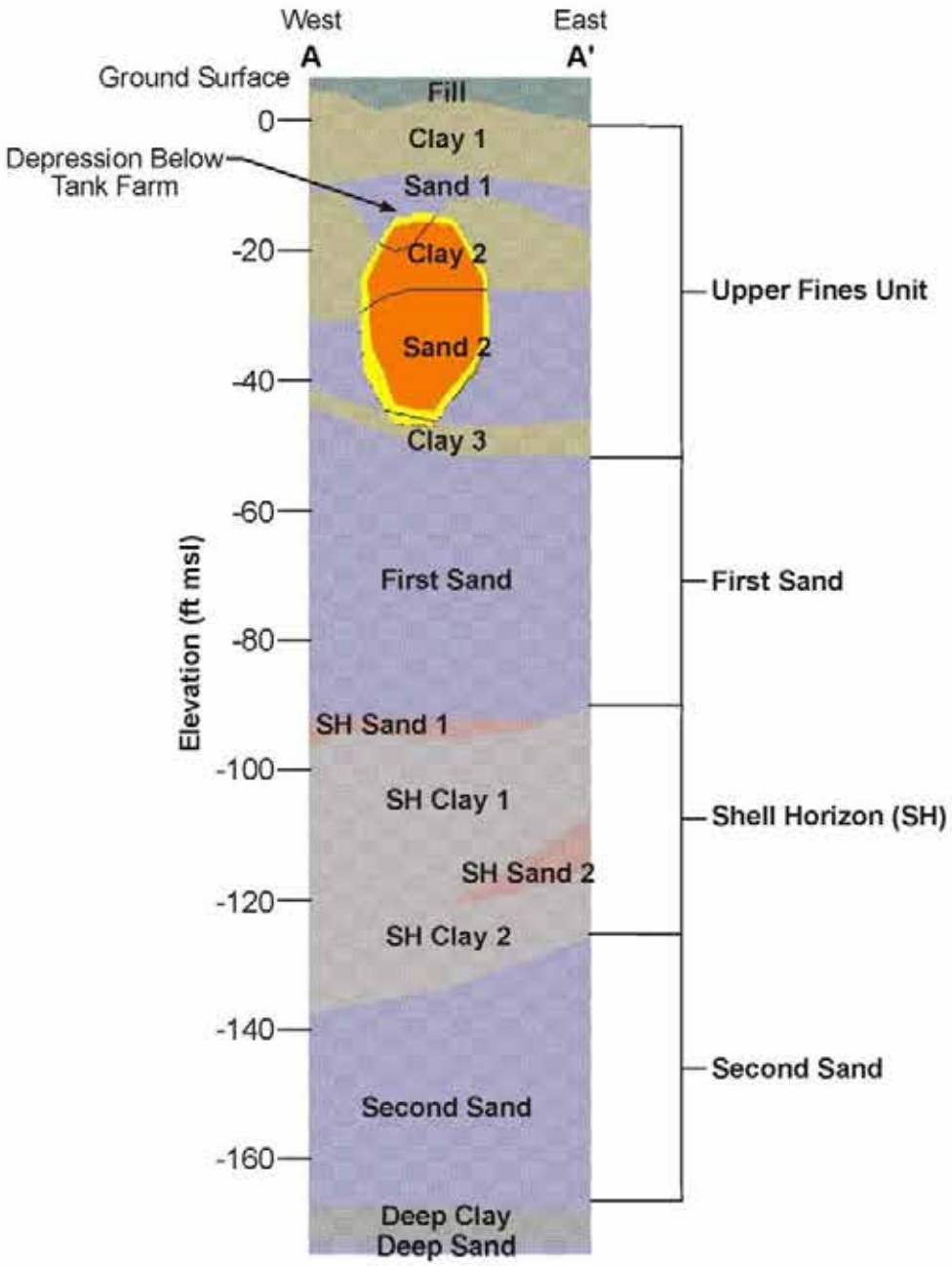
Environmental, Engineering and Construction, Inc.

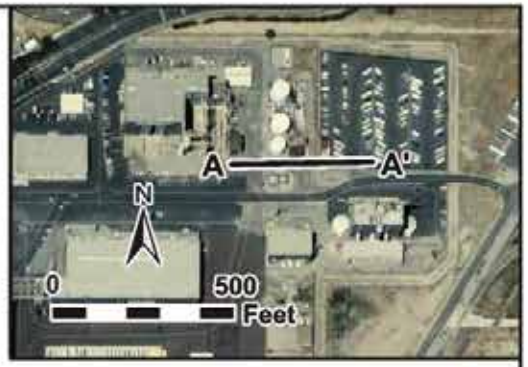
Date: 01/27/2011

File No.: SB_TCE_1000_35FTBGS_2010.CDR

Project No.: G006104-04

Rev. VJS





LEGEND

TCE, 2010 (µg/L)

500

250

µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

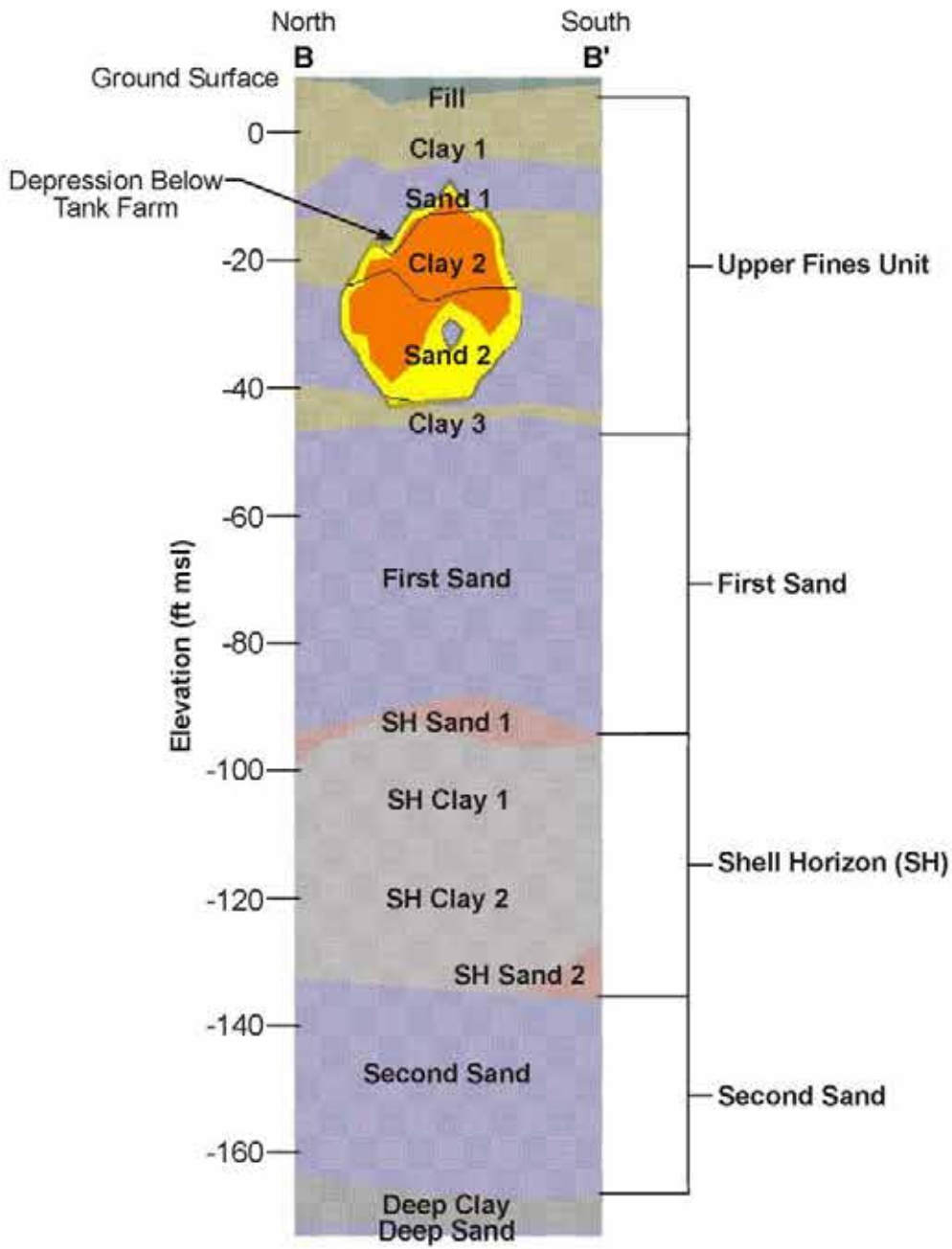
Figure 4-23
IR Site 70

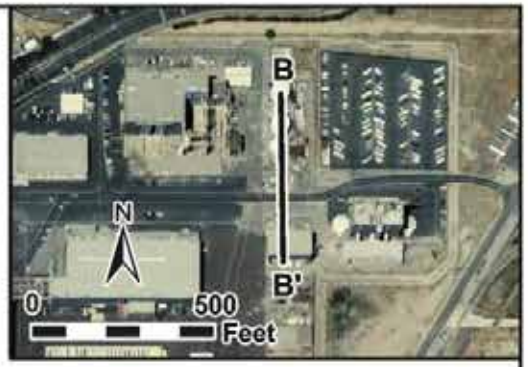
Cross Section A-A' With 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 01/27/2010
SB_A-A'_TCE_2010.CDR
Project No.: G006104-04
Rev. VJS





LEGEND

TCE, 2010 (µg/L)

500

250

µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Figurer 4-24

IR Site 70

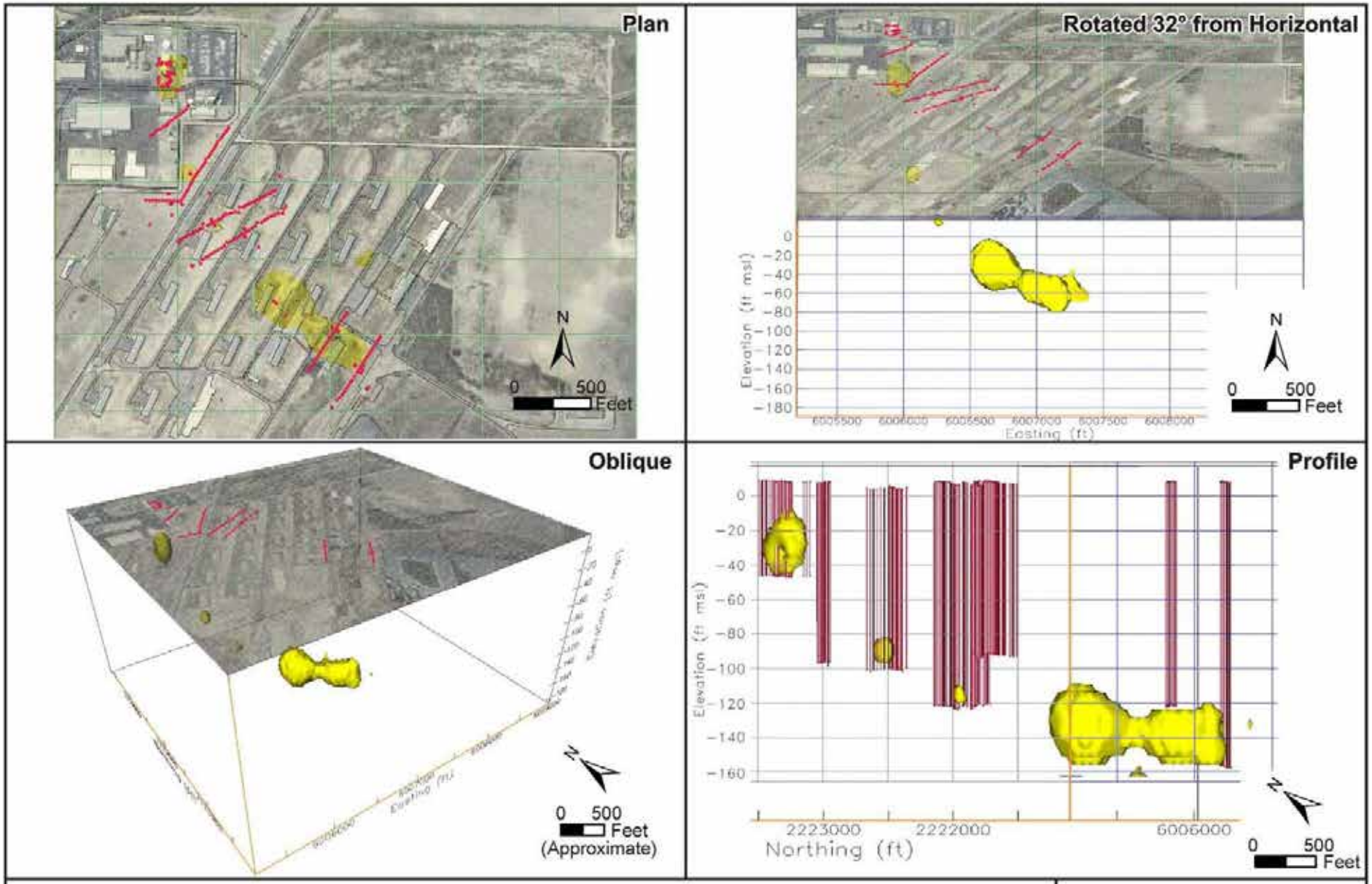
Cross Section B-B' With 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Environmental, Engineering and Construction, Inc.

Date: 01/27/2011
SB_B-B'_TCE_2010.CDR
Project No.: G006104-04
Rev. VJS



LEGEND

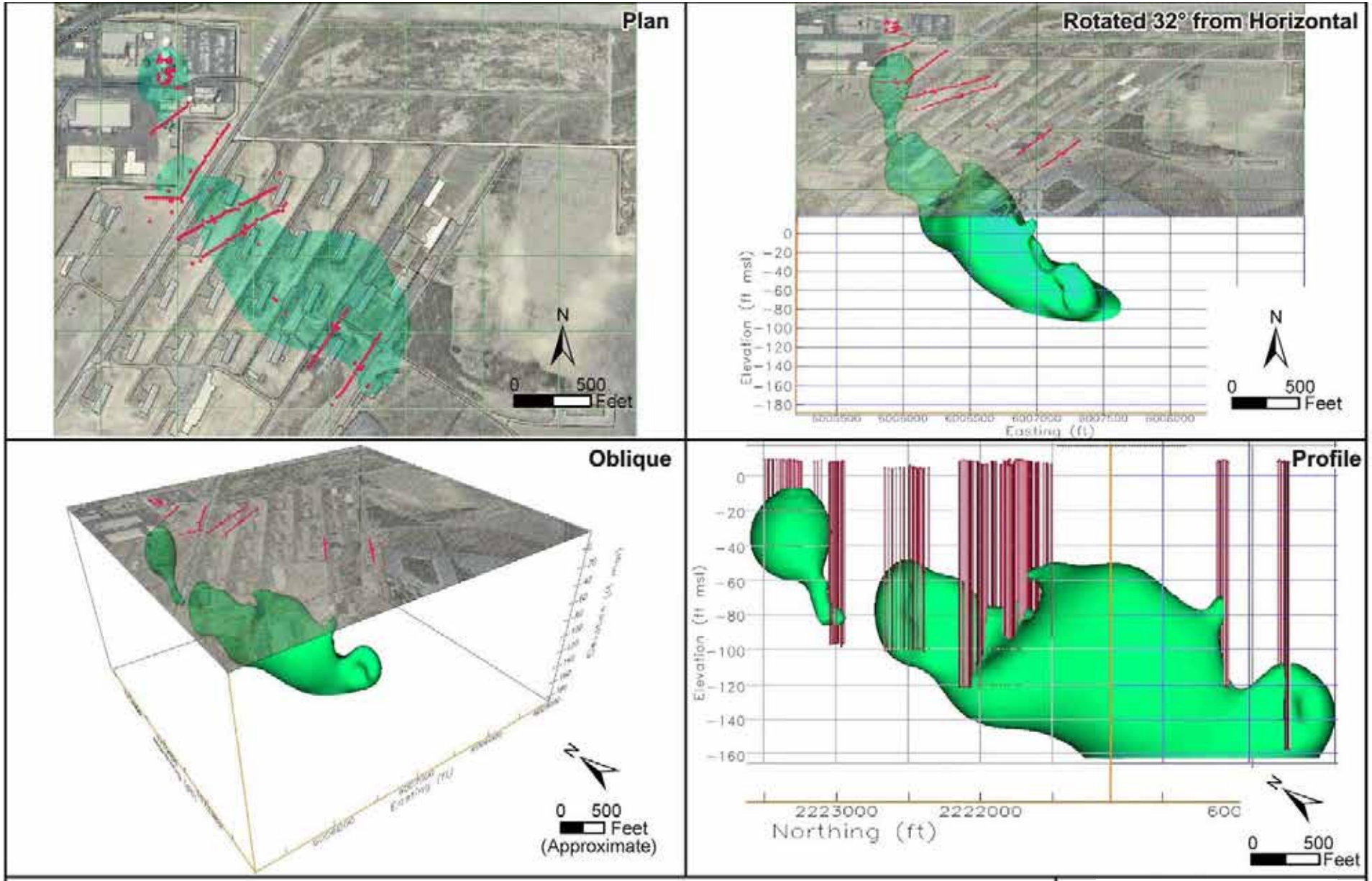
	APPROXIMATE 250 µG/L TCE PLUME, 2010	●	BIOBARRIER WELL
µg/L	MICROGRAMS PER LITER	TCE	TRICHLOROETHENE

Figure 4-25
IR Site 70
Oblique Views of 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Date	04/19/2011
File No.	08_VEW6_TCE_250_3D.CDR
Project No.	G006104.04
Rev.	V.08



LEGEND

APPROXIMATE 60 µG/L *cis*-1,2-DCE PLUME, 2010

BIOBARRIER WELL

µg/L MICROGRAMS PER LITER

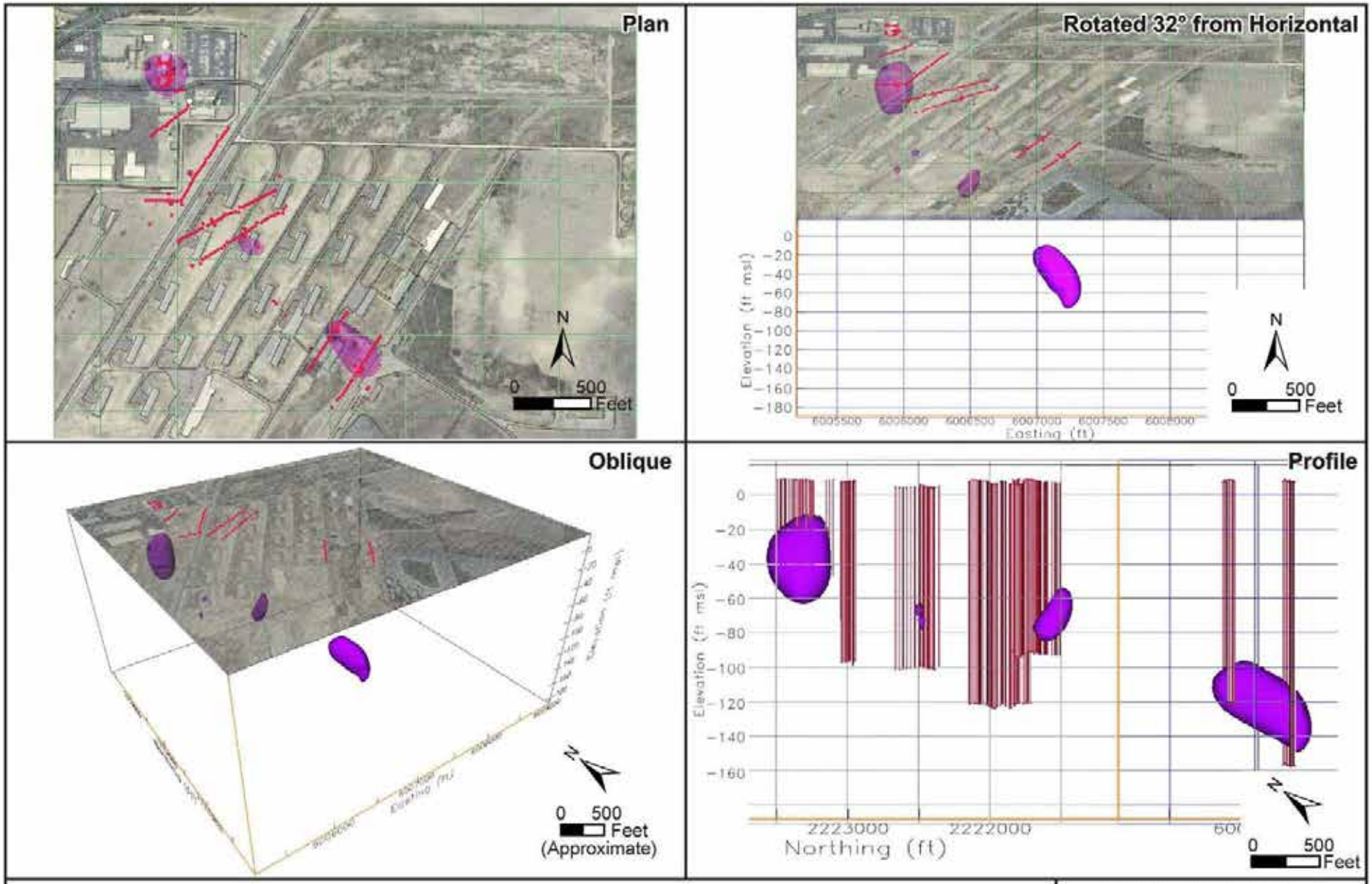
DCE DICHLOROETHENE

Figure 4-26
IR Site 70
Oblique Views of 60 µg/L cis-1,2-DCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Date: 04/19/2011
File No.: 00_VIEWS_DCE_60_2010.CDR
Project No.: 0006104-04
Rev: VJS



LEGEND

	APPROXIMATE 50 µG/L VC PLUME, 2010	●	BIOBARRIER WELL
µg/L	MICROGRAMS PER LITER	VC	VINYL CHLORIDE

Figure 4-27
IR Site 70
Oblique Views of 50 µg/L VC Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Date	04/19/2011
File No.	50_VIEWS_VC_50_2010.CDR
Project No.	G0061014.04
Rev.	V.00

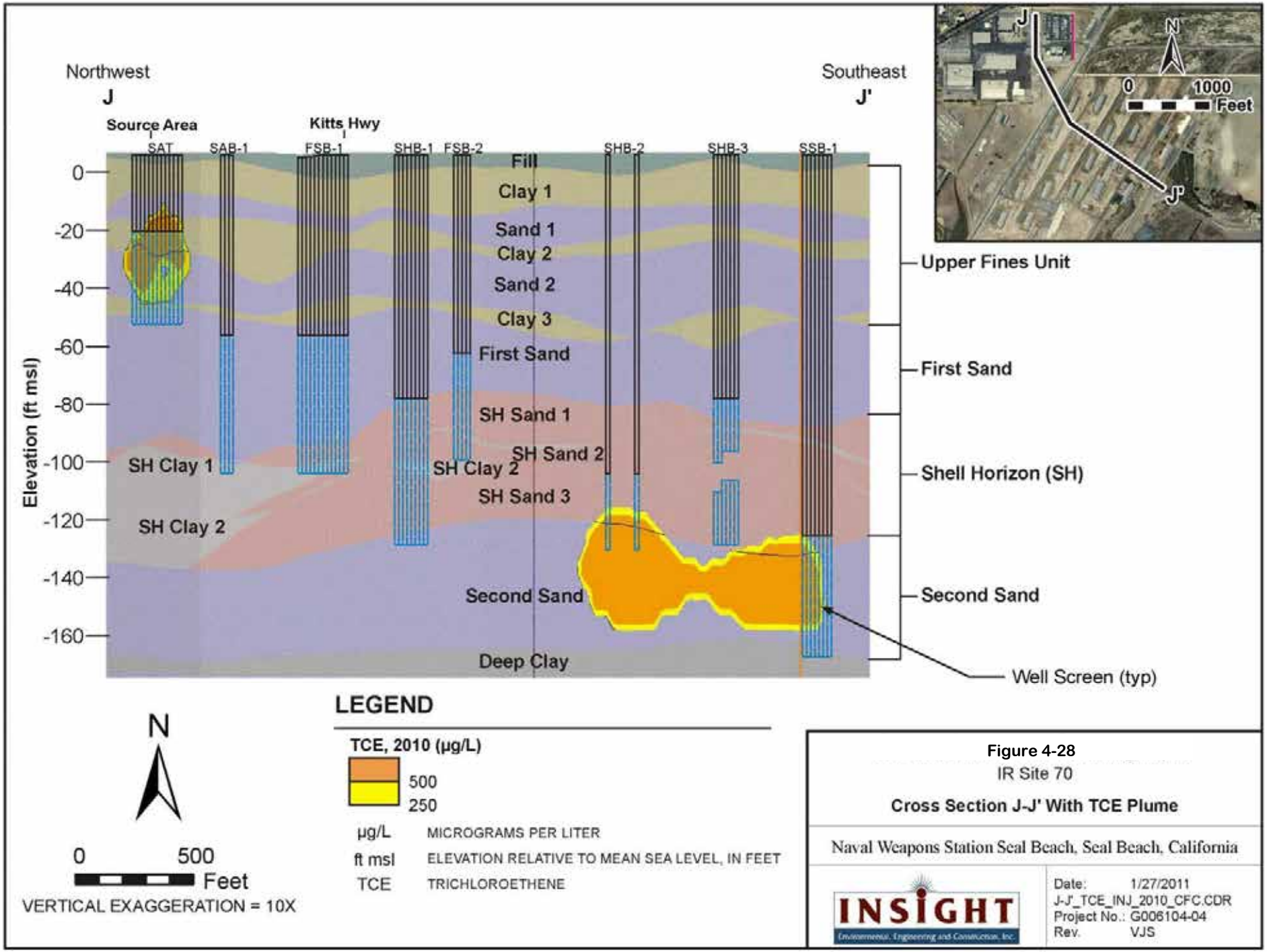


Figure 4-28

IR Site 70

Cross Section J-J' With TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

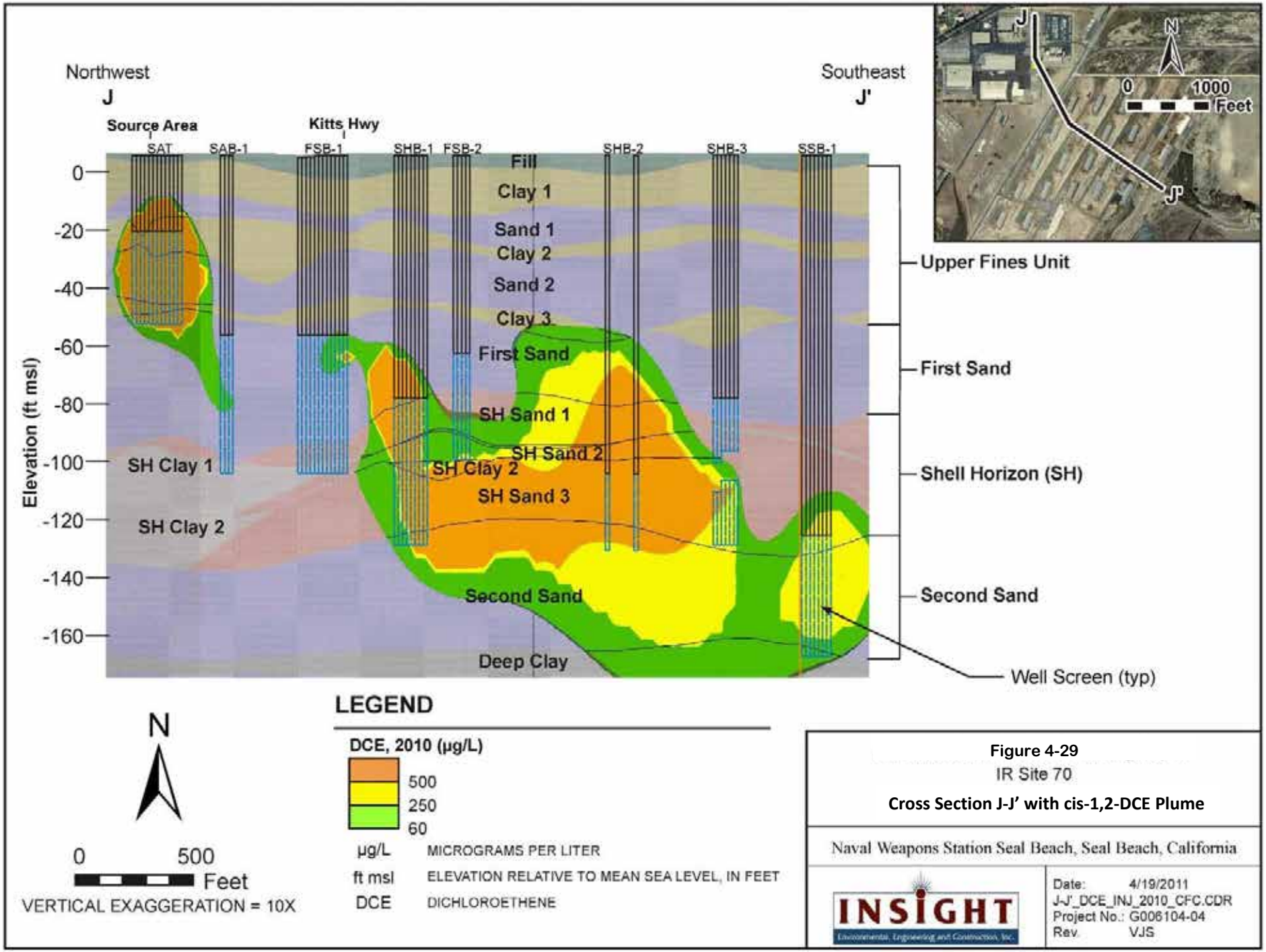
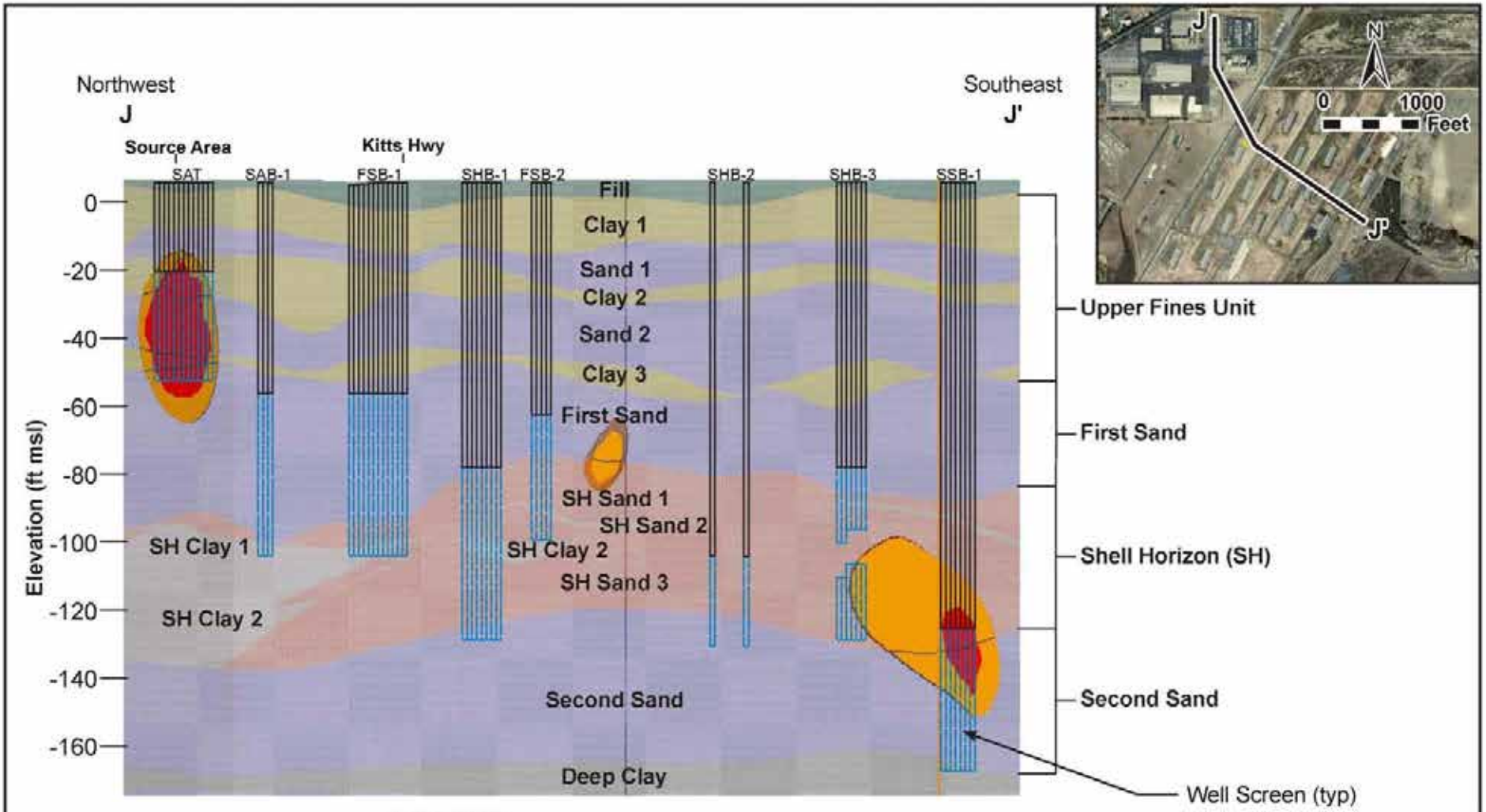


Figure 4-29

IR Site 70

Cross Section J-J' with cis-1,2-DCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California



LEGEND

VC, 2010 (µg/L)

250

50

µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
VC	VINYL CHLORIDE

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Figure 4-30

IR Site 70

Cross Section J-J' With VC Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Date: 4/19/2011
J-J'_VC_INJ_2010_CFC.CDR
Project No.: G006104-04
Rev. VJS

Section 5

VARIANCES TO THE WORK PLAN AND THE DATA QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

This section summarizes the variances to the RAWP and the Data Quality Assurance/Quality Control results for the period between November 2009 and December 2010.

5.1 VARIANCES TO THE WORK PLAN

The primary variance to the RAWP, during this period were 1) Changes to the performance monitoring schedule, and 2) Modifications to the injection mixtures, which were based on lessons learned in the 2009 EISB implementation.

5.1.1 CHANGES TO THE PERFORMANCE MONITORING SCHEDULE

The RAWP tentative sampling schedule (Table 6.2 of RAWP, ECC/Geosyntec 2008a) indicates quarterly sampling for year one, followed by semi-annual and annual sampling. Per the monitoring schedule presented in the RAWP, quarterly sampling consisted of monitoring 11 wells (4 SATG, 1 SAB, 2 FSB-1, 1 FSB-2, 1 SHB-1, 1 SHB-3, and 1 SSB-1).

The 2010 performance monitoring schedule is presented in Table 1-1 and consisted of the following frequency of wells:

1. Monthly field and on-site geochemistry (after the installation of the biobarriers) in 26 wells: SAB (3 wells), FSB-1 (6 wells); FSB-2 (6 wells); SHB-1 (3 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field and on-site geochemistry monitoring consisted of: depth to water, pH, dissolved oxygen, oxidation-reduction potential, specific conductance, temperature, turbidity, alkalinity, sulfide, sulfate, iron (total) and nitrate This monthly monitoring was effective in assessment of the performance and geochemistry of the biobarriers to ensure that anaerobic conditions were being sustained and groundwater geochemistry conditions were present for effective bioremediation to occur and that no negative effects on secondary groundwater geochemistry were occurring (Tables 2-5 through 2-11).
2. Quarterly field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 15 wells: FSB-1 (6 wells); FSB-2 (6 wells); SHB-1(3 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOC and Dhc/vcrA (Tables 3-2 through 3-27).
3. Semi-annual field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 12 wells: SAB-1 (4 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOCs and Dhc/vcrA (Tables 3-2 through 3-27).
4. Annual field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 72 monitoring wells and 14 POC wells: SATG (16 wells); SAB (8 wells); FSB-1 (15 wells); FSB-2 (9 wells); SHB-1 (5 wells); SHB-3 (8 wells); SSB-1 (11 wells); POC wells (14 wells). Field parameters and on-site geochemistry

consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOCs and Dhc/vcrA (Tables 3-2 through 3-27).

The frequency and sampling of the wells was determined to adequately address the remedial action objectives at IR Site 70. However, the frequency of the groundwater monitoring at IR Site 70 was affected by the continuing resolution of the federal government in early 2011. The Navy will conduct a quarterly monitoring event between the next 2 sampling events: July 2011 and October 2011 (Table 6-1). The data acquired during this quarterly frequency will be evaluated to determine the next frequency of groundwater monitoring at IR Site 70.

5.1.2 INJECTION VARIANCES

The following injection variances are noted based on lessons learned during the 2009 EISB implementation at IR Site 70.

Addition of Sodium Bicarbonate to Chase Water. Sodium bicarbonate was added to the chase water used for the KB-1® injections in the SATG, FSB-1, FSB-2, and SHB-1 biobarriers. This modification was made based on lessons learned during the 2009 EISB implementation, which indicated that sodium bicarbonate would mitigate a decrease in pH during injections. The sodium bicarbonate was effective in adding buffering capacity to the aquifer.

Modification of EVO formula. In order to mitigate a reduction of pH in the aquifer, the 4% lactate that was specified in the RD, was removed from the EVO mixture prior to injection into the FSB-1, FSB-2 and SHB-1 biobarriers. The lactate was retained for the SATG since the alkalinity in the Source Area during the baseline monitoring was greater than 300 mg/L, which was higher than alkalinity concentrations in the other hydrostratigraphic zones. In addition, since the RD pilot test had successfully been tested in the Source Area with the 4% lactate EVO mixture, a variation in the Source Area was not required.

Modification to the Injection Sequence in the FSB-1. As part of the field implementation of the EISB in the FSB-1, and described in Section 2, one of the original injection wells, RDO-4, was not available for injection because the casing was compromised and filled with sand. This well is located between injection well IW-70-FSB-114 and IW-70-FSB115. To compensate for not being able to inject the amendments into this well, the volume of EVO and KB-1® that would have been injected into this well were injected into well FSB114. During injection into FSB114, groundwater was extracted from well FSB115 to try to distribute and recirculate EVO and KB-1® between the two wells in the area in which the RDO-4 was installed.

5.2 QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

This section summarizes quality assurance and quality control findings of the analytical results sampled during this performance period. Groundwater from 86 monitoring wells (74 monitoring wells and 12 injections wells), selected for periodic performance and annual groundwater monitoring were sampled and analyzed in accordance with the Final SAP and SAP Addendum (ECC/Geosyntec 2008a; Insight 2009b). All groundwater samples were analyzed by EMAX Laboratories located in Torrance, California, except for deoxyribonucleic acid (DNA) assay analysis which was analyzed by SiREM located in Ontario, Canada. Appendix C summarizes

laboratory analyses performed on groundwater samples collected from each well at IR Site 70 in August through September 2010, and Tables 3-2 through 3-27 present all groundwater results. The results of the groundwater 2010 performance monitoring are summarized in Section 3. Appendix D details data usability assessment and data validation reports. Table 5-1 summarizes the results of the assessment for the data quality indicators of accuracy, precision, completeness, comparability and representativeness.

Procedures from the following methods were used to analyze groundwater and field quality control samples:

- VOCs were analyzed using United States Environmental Protection Agency (U.S. EPA) Method 8260B With the exception of IW-70-SHB113 in 2008 (Table 3-8) and IW-70-SHB310 in 2009 (Table 3-9), no other reporting limits for VOCs where changed;
- DHGs consist of ethane, ethene, and methane and were analyzed using RSK 175;
- Anions (bromide, chloride, sulfate, nitrate, nitrite) were analyzed using U.S. EPA Method 300.0;
- VFAs (acetate, butyrate, lactate, propionate) were analyzed using U.S. EPA Method 300.0M;
- TOC was analyzed using Standard Method 5310B;
- Dissolved Hydrogen Sulfide was analyzed using Standard Method 4500F;
- TDS was analyzed using Standard Method 2540C;
- Dissolved Metals (arsenic, iron, manganese) were analyzed using U.S. EPA Method 6010B; and
- DNA assay analysis was analyzed using SiREM developed Quantitative Gene-Trac Test.

Soil gas vapor samples were collected for analysis of methane and hydrogen sulfide at 12 locations presented in Figure 1-3 using U.S. EPA Methods 25C and 16, respectively. Methane vapor samples were analyzed by Calscience Environmental located in Garden Grove, California. If methane was not detected using Method 25C, then the sample was reanalyzed using Method 3C. The purpose of the soil vapor probes and sampling was to monitor migration of methane and hydrogen sulfide in the vadose zone in the source area and downgradient of the source area.

The laboratory's quality assurance oversight involved the performance of a first-level screening of the data and an indication of any deviations from their precision, accuracy, detection limit, or laboratory QA/QC criteria. A copy of the laboratory QA/QC analytical results can be found in Appendix C. A representative from the laboratory signed the data sheets, ensuring that the screening described above had been completed. Subsequently, Insight completed data review by comparing chain-of-custody forms, sample receipts, sample log-ins, and laboratory data packages. Review of these summaries confirmed that data quality objectives were met.

Additionally, the analytical data, along with the associated laboratory quality control information, were forwarded to Laboratory Data Consultants, Inc., an independent data validation service, for data validation. A U.S. EPA Level III data validation was performed on 90 percent of the groundwater samples; the remaining 10 percent of the samples underwent a Level IV data validation. Copies of the chain-of-custody documentation are included in Appendix B.

Data validation includes evaluation of holding times, sample preservation, cooler temperatures, calibrations, blanks, laboratory quality control samples, and field quality control samples. Generally, the results were within analytical criteria with a few minor exceptions, such as calibration outliers of some VOC compounds, detection of carbon disulfide in the laboratory method blank, and low spike recovery during alkalinity testing. For the most part calibration outliers affected VOC compounds that are not constituents of concern of Site 70. All affected compounds were qualified “J” or “UJ”.

QA/QC measurements were taken in the field to ensure that meaningful and representative data sets were generated. Field duplicate samples were collected at a rate of 10 percent of the total number of groundwater monitoring wells sampled and one trip blank sample was included in each cooler that contained volatile organic analysis vials. These samples were collected to ensure the consistency and integrity of sample collection methods. Field duplicate samples were collected for wells IW-70-SAB11, IW-70-SAT16, MW-70-14, MW-70-36, MW-70-MNA06, MW-70-PMW01A, MW-70-PMW08B, MW-70-PMW10, MW-70-PMW12B, MW-70-PMW14B, and MW-70-POC02. Field duplicate results are generally similar to the original results and no significant problems were noted. Eleven trip blank samples were shipped. No VOC contaminant was reported in the trip blanks with the exception of methylene chloride (0.58J µg/L 9/15/10, 0.68J µg/L 8/30/10, 0.77J µg/L 9/20/10, 0.71 J µg/L 9/22/10, 0.66 J µg/L 9/23/10, 0.74 J µg/L 9/28/10, 0.65 J µg/L 9/10/10, 0.58 J µg/L 9/15/10, 0.82 J µg/L 9/27/10, 0.52 J µg/L 9/7/10, 0.60 J µg/L 9/8/10, and 0.70 J µg/L 9/9/10).

Data were generally found to be acceptable with respect to accuracy, precision, completeness, and comparability criteria (Table 5-1). All analytical data presented in Tables 3-2 through 3-27 are valid and usable. Validation findings were advisory and findings are detailed in Appendix D.

Section 5

TABLE

Table 5-1
Quality Assurance/Quality Control Summary

Data Quality Indicators	Measurement Performance Criteria	2010 Performance Monitoring
Accuracy	Percent recoveries for MS/MSD Criteria Varies by compound	All data was considered accurate. Two analytes were qualified due to MS/MSD. All samples met accuracy criteria except: 1) Ethane in MS for IW-70-SHB319 had a low MS/MSD recovery (MS 37%, MSD 38%; range is 60-140%), final result received a 'J' qualifier. 2) Trichloroethene in MW-70-MNA02 (MSD 163%; range is 60-140%), final result received a 'J' qualifier.
Precision	RPD between duplicate results ≤25 percent	Overall precision was good. No data was qualified or rejected. All samples met RPD goal except: 1) Trichloroethane in MW-70-PMW10 (26.22 percent) The high RPDs in methane and sulfate may be due to the higher concentrations reported in these samples as a result of EISB implementation.
Completeness	95 percent completeness	Completeness was 100 percent. No samples were rejected.
Comparability	Qualitative	Standard methods, units and reporting formats met comparability requirements per the QA/QC program.
Representativeness	DQO parameters and proper sampling techniques	DQO parameters and analytical parameters meet QA/QC program requirements.

Acronyms/Abbreviations:

DQO – data quality objectives
EISB – Enhanced *In-Situ* Bioremediation
MS/MSD – matrix spike/matrix spike duplicate
QA/QC – quality assurance, quality control
RPD – relative percent difference

Section 6

SUMMARY AND RECOMMENDATIONS

The EISB remediation activities at IR Site 70 are being conducted in accordance with the technical and functional requirements specified in the RAWP (ECC/Geosyntec 2008a). Field activities are being performed as established in the SOPs contained in Attachment B-2 of the SAP.

The 2010 PMR documents the following activities between November 2009 and December 2010:

- Twenty-three SATG injection wells were constructed in May 2010 to support the injection of the EISB amendments in the SATG, following completion of the ESTCP project in that area.
- EISB implementation in the SATG, FSB-1, FSB-2, and SHB-1.
- Groundwater elevations were measured in 74 groundwater monitoring wells. Results are used to update the site conceptual model, ensure that the installation of the biobarriers are not adversely impacting groundwater flow, and to confirm that the biobarriers are placed to intersect the dissolved phase plume.
- Groundwater samples were collected from 86 groundwater monitoring wells (74 monitoring and 12 injection), which included monthly and semi-annual periodic performance monitoring in addition to the annual monitoring event. The groundwater samples were analyzed for VOCs, DHGs, VFAs, anions, TDS, alkalinity, TOC, dissolved hydrogen sulfide, dissolved metals, and Dhc/*vcr*A (Table 1-1). The results are used to evaluate the performance of the remedy and update the conceptual design for the site.
- Field parameters (groundwater temperature, pH, DO, ORP, specific conductance, turbidity) and depth to water were measured as part of the performance monitoring for the EISB activities, per the schedule outlined in Table 1-1, to ensure that the remedy is performing according to design. The data also provide important lines of evidence for determining if and when further injection of amendments will be required.
- Twelve soil vapor probes were sampled and ambient air was monitored for methane and hydrogen sulfide. These chemicals are byproducts of EISB and indicate that bioremediation is occurring. These compounds can be hazardous at elevated concentrations and must be closely monitored.

6.1 SUMMARY

As of August 2010, EISB has been implemented successfully in all 7 biobarrier areas at IR Site 70 (SATG, SAB, FSB-1, FSB-2, SHB-1, SHB-3, and SSB-1) successfully introducing the

designed target volumes of EVO and KB-1® injections (Section 2). Multiple lines of evidence were monitored and evaluated as part of the 2010 PMR, per the schedule in Table 1-1, to assess the remedy performance in each of the biobarrier areas (Section 3) and to present an updated CSM for IR Site 70 (Section 4).

6.1.1 SUMMARY OF REMEDY PERFORMANCE

Multiple lines of evidence were evaluated and support that EISB is working effectively at the biobarrier areas at IR Site 70. The different geochemical parameters that were monitored are summarized as follows:

- DO and ORP values measured during and after injection activities in the biobarriers and in downgradient performance monitoring wells indicate anaerobic and strongly reducing conditions. These conditions are expected to continue to provide the prerequisite conditions to promote degradation of the chlorinated ethenes at the site.
- Although a significant drop in pH was observed during injection of the amendments, in most areas, the pH is gradually returning to baseline conditions. Low pH (i.e. <5.5) could adversely impact the ability of the Dhc bacteria to dechlorinate the chlorinated ethenes.
- A significant reduction of total moles of all COCs is observed in all the biobarriers, which provides one line of evidence that conversion of TCE to DCE to VC to ethene and ethane is occurring.
- TOC concentrations were high in the biobarrier wells soon after injection activities and TOC concentrations have generally increased above 100 mg/L in most biobarriers. However, TOC concentrations have decreased in biobarriers SAB and SSB-1, which were installed during the first half of 2009.
- VFAs increased in all the biobarriers soon after injection. During subsequent monitoring events, concentrations of VFAs decreased suggesting that they are being consumed by the microbes in the biobarriers.
- Increased concentrations of DHGs, particularly methane and ethene, were evident in all of the biobarriers and is supporting evidence that methanogenesis is occurring as a result of the EISB.
- Moderate to optimum concentrations (10^7 cells/Liter) of Dhc and *vcr*A were measured in all the biobarriers, indicating microbial activity is present for further biodegradation. The concentration of Dhc remains in the moderate to optimal range in several of the downgradient performance monitoring wells such as MW-70-PMW03A (SAB), MW-70-PMW05A and MW-70-PMW05B (FSB-1), MW-70-PMW08A and MW-70-PMW08B (FSB-2), MW-70-PMW12A and MW-70-PMW12B (SHB-3), and MW-70-PMW14A and MW-70-PMW14B (SSB-1). However, in SHB-1, where EISB was completed in April 2010, Dhc was not yet reported in the downgradient performance monitoring well MW-70-PMW10 during the Fall of 2010 sampling. The lack of Dhc reported in MW-70-

PMW10 is not surprising since there may not have been sufficient time for amended water to reach MW-70-PMW10.

6.1.2 CONCEPTUAL SITE MODEL UPDATE

The CSM was updated to provide an analysis and visualization of both the subsurface hydrogeology and dissolved phase plume morphologies. The highlights of the CSM update for the 2010 PMR are summarized as follows:

- Groundwater level elevations have increased approximately 6 feet in all hydrostratigraphic zones since 2009, which may be attributable to an increase in rainfall in WY2010. Hydraulic gradients and directions remain similar to 2009. Groundwater monitoring data does not indicate that the injection of the biobarriers has impacted groundwater flow.
- The updated extent of the 250 µg/L plume for TCE was simulated using EarthVision in two- and three-dimensions and demonstrates that the post-EISB dissolved plume has decreased in width, length and vertical distribution compared to the baseline CSM.
- The dissolved phase plume remains within the POC boundary.
- The lateral extent of the 250 µg/L TCE plume in the Second Sand is generally wider than originally anticipated per the RD (Geosyntec 2006b). The addition of well MW-70-14 to the Second Sand monitoring program in 2009, allowed characterization of the northeastern portion of the dissolved plume.
- The toe of the Second Sand plume, located downgradient of SSB-1, appears to be expanding to the south and southeast, based on increased concentrations of COCs in MW-70-MNA16, MW-70-MNA17, and MW-70-15.
- Soil vapor monitoring at soil vapor wells, constructed at 6 feet bgs, indicates that methanogenesis is occurring in the SATG and SAB areas. However, the methane monitoring plan indicates no harmful vapors in the breathing zones monitored adjacent to utility corridors that may provide a potential pathway to the surface.

6.2 RECOMMENDATIONS

Based on the results of the 2010 PMR at IR Site 70, the following recommendations are made:

1. Due to the lateral extent of TCE concentrations in the Second Sand well MW-70-14, it is recommended that a Second Sand monitoring well, screened in the lower portion of the Second Sand, be installed downgradient of MW-70-14, and to the north/northeast of the SSB-1 (See Figure 4-20 for proposed location).
2. Due to the increased TCE concentrations in the toe of the dissolved COC plume in the Second Sand, this area will need to be monitored closely to ensure that amended water is effectively dechlorinating the Second Sand downgradient of the SSB-1.

Pending results of COCs in the Second Sand during the next monitoring period, additional injection wells may be considered.

3. It is not anticipated that additional EVO and/or KB-1® is required during 2011. However, additional assessment will be made at the next annual groundwater monitoring event by reviewing all lines of evidence, including possible increases in ORP and DO, and changes in concentrations of chlorinated ethenes, Dhc/*vcr*A, TOC, and VFAs.
4. In First Sand Biobarrier, FSB-1, it is recommended that well RDO-4 be re-installed and monitored in 2011 to determine whether the recirculation of EVO and KB-1® between adjacent wells FSB-114 and FSB-115 in 2010 was sufficient in distributing the EVO and KB-1®, or whether additional injection in RDO-4 is required.
5. Since methane can accumulate in the subsurface and migrate to the surface, continued monitoring of methane in the vapor points and monitoring at the surface is recommended. Special care (venting, explosion-proof meters, etc.) must be taken prior to any sampling or intrusive activities in this area to minimize the risk of fire or explosion. A methane monitoring plan has been put in place to ensure that onsite workers are protected.
6. The data presented in the 2010 PMR support the remedial action goals for IR Site 70 (Geosyntec 2006a) and demonstrate the remedial action is reducing the contaminant concentrations at IR Site 70. The frequency of the groundwater monitoring at IR Site 70 was affected by the continuing resolution of the federal government in early 2011. The Navy will conduct a quarterly monitoring event between the next two sampling events: July 2011 and October 2011, as proposed in Table 6-1. The data acquired during this quarterly event will be evaluated to determine the next frequency of groundwater monitoring at IR Site 70 and will be presented in the 2011 PMR.

Section 6

TABLE

Table 6-1
Proposed 2011 Groundwater and Performance Monitoring Schedule

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
Source Area Treatment Grid											
IW-70-SAT35 (25-55)	8/3/2010	July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW01A (25-35)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW01B (25-55)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-27 (25.5-35.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-28 (50.3-60.3)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA01 (40-50)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA02 (35-45)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA03 (35-45)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA04 (35-45)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/Upper Fines											
MW-70-02 (20-30)	Not Applicable	October	October	—	—	—	—	—	—	—	—
MW-70-03 (20-30)		October	October	—	—	—	—	—	—	—	—
MW-70-10 (30-40)		October	October	—	—	—	—	—	—	—	—
MW-70-17 (30-40)		October	October	—	—	—	—	—	—	—	—
MW-70-22 (20-30)		October	October	—	—	—	—	—	—	—	—
Source Area Biobarrier/First Sand											
IW-70-SAB06 (65-80/85-105)	1/30/2009	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-SAB11 (65-105)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-MNA05 (70-80)		October	October	October	—	October	—	—	—	October	—
MW-70-PMW02A (70.5-80.5)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW02B (90-100)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW03A (70.5-80.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW03B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
First Sand Biobarrier 1											
MW-70-38 (80-100)	2/12/2010	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—

Table 6-1 (continued)

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
IW-70-FSB108 (60-105)	2/12/2010	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-FSB118 (60-105)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW04A (70-80)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW04B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW05A (70-80)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW05B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW06A (69.5-79.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW06B (91-101)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
RDO-5 (65-105)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-MNA08 (80-90)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA06 (80-90)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA11 (80-90)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA07 (90-100)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-43A (86-106)		October	October	October	—	October	—	—	—	October	—
First Sand Biobarrier 2	11/24/2009										
IW-70-FSB216 (65-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-FSB229 (65-100)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW07A (65-75)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW07B (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW08A (65-75)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW08B (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA09 (64-74)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA10 (75-85)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA12 (75-85)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/First Sand	Not Applicable										
MW-70-11 (80-100)		October	October	—	—	—	—	—	—	—	—
MW-70-16 (95-105)		October	October	—	—	—	—	—	—	—	—
MW-70-35 (90-100)		October	October	—	—	—	—	—	—	—	—

Table 6-1 (continued)

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
MW-70-POC01 (80-90)	**Not Applicable**	October	October	—	—	—	—	—	—	—	—
Shell Horizon Biobarrier 1	**4/7/2010**										
IW-70-SHB113 (105-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW09 (120-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW10 (120-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-SHB217 (105-130)		October	October	October	October	October	October	October	October	October	—
MW-70-MNA13 (115-125)		October	October	October	—	October	—	—	—	October	—
Shell Horizon Biobarrier 3	**9/25/2009**										
IW-70-SHB310 (105-130)		July/ October	October	October	October	October	October	October	October	October	—
IW-70-SHB311 (80-95)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW11A (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW11B (115-125)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW12A (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW12B (115-125)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA14 (115-125)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/Shell Horizon	**Not Applicable**										
MW-70-23 (110-130)		October	October	—	—	—	—	—	—	—	—
Second Sand Biobarrier 1	**3/18/2009**										
IW-70-SSB109 (125.75-165.75)		July/ October	October	October	October	October	October	October	October	October	—
IW-70-SSB119 (125-165)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW13A (125-135)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW13B (145-155)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW14A (128-138)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW14B (149-159)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA16 (141-151)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA17 (140-150)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-15 (161-171)		October	October	October	—	October	—	—	—	October	—
MW-70-14 (160-170)		July/ October	July/ October	July/ October	—	October	—	—	—	October	—

Table 6-1 (continued)

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
MW-70-43B (136-146)	3/18/2009	October	October	October	—	October	—	—	—	October	—
Proposed Second Sand Well MW-70-44		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	—
Point of Compliance/Second Sand	Not Applicable										
MW-70-21 (150-170)		October	October	—	—	—	—	—	—	—	—
MW-70-36 (150-160)		October	October	—	—	—	—	—	—	—	—
Point of Compliance/Deep Sand	Not Applicable										
MW-70-POC02 (190-200)		October	October	—	—	—	—	—	—	—	—
MW-70-POC03 (190-200)		October	October	—	—	—	—	—	—	—	—
MW-70-POC04 (195-205)		October	October	—	—	—	—	—	—	—	—
Soil Vapor Samples	Not Applicable										
SV-70-01		—	—	—	—	—	—	—	—	—	October
SV-70-02		—	—	—	—	—	—	—	—	—	October
SV-70-03		—	—	—	—	—	—	—	—	—	October
SV-70-04		—	—	—	—	—	—	—	—	—	October
SV-70-05		—	—	—	—	—	—	—	—	—	October
SV-70-06		—	—	—	—	—	—	—	—	—	October
SV-70-07		—	—	—	—	—	—	—	—	—	October
SV-70-08		—	—	—	—	—	—	—	—	—	October
SV-70-09		—	—	—	—	—	—	—	—	—	October
SV-70-10		—	—	—	—	—	—	—	—	—	October
SV-70-11		—	—	—	—	—	—	—	—	—	October
SV-70-12		—	—	—	—	—	—	—	—	—	October

Notes:

— - not analyzed

Anions/TDS/Alkalinity - Anions (EPA Method 300.0)/TDS (EPA Method 2540C)/Alkalinity (EPA Method 2320B)
Dhc/vcrA - Polymerase Chain Reaction Assay (Dehalococcoides/vinyl chloride reductase A gene)
DHGs - dissolved hydrogen gases (RSK 175)
dissolved metals - iron, manganese, and arsenic (EPA Method 6010B)
field parameter (pH, dissolved oxygen, oxidation-reduction potential, specific conductance, temperature, and turbidity)
sulfide - total dissolved hydrogen sulfide (EPA Method 4500F)
Soil Vapor samples analyzed for hydrogen sulfide (ASTM D5504) and methane(25C)
TOC - total organic carbon (EPA Method 5310B)
VFAs - volatile fatty acids (300.0M)
VOCs - volatile organic compounds (EPA Method 8260B)

Section 7
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APPENDIX A

FIELD SAMPLE COLLECTION AND PURGE LOGS

SOURCE AREA TREATMENT

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW01A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/3/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump (25-35')

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0935		25 mL/m	Ø	23.50	0.630	0.40	5.64	-225	433.0	
0938			0.3	23.84	0.590	0.24	5.60	-238	419.0	
0941			0.3	23.49	0.559	0.07	5.58	-254	585.0	
0944			0.3	23.45	0.553	0.00	5.57	-274	587.0	
0947			0.3	23.42	0.558	0.00	5.61	-298	421.0	
0950			0.3	23.41	0.550	0.00	5.62	-313	387.0	
0953			0.3	23.46	0.541	0.00	5.61	-333	OOR(*)	
0956			0.3	23.50	0.562	0.00	5.61	-378	549.0	
0959										

Total Volume Purged: 2.1 (Liters)
Total Purge Time: 21 min. (Minutes)
(* OUT OF RANGE)
NOTE: EFFERVESCENT WELL

OBSERVATIONS DURING PUMPING

Purge Start: 0935
Purge Stop: 0956

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW01A-A10
Sample Time: 1008
No. of Containers: 8

Duplicate
Sample ID: MW-70-PMW01A-A10-D
Sample Time: 1013
No. of Containers: 8

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW01B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/3/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump (45-55')

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1018		25 mL/m	Ø	24.19	0.711	0.00	6.47	-299	27.8	
1021			0.3	24.10	0.727	0.00	6.52	-352	121.0	
1024			0.3	24.16	0.722	0.00	6.52	-374	243.0	
1027			0.3	24.12	0.719	0.00	6.53	-387	355.0	
1030			0.3	24.20	0.717	0.00	6.52	-418	405.0	
1033			0.3	24.27	0.709	0.00	6.54	-439	356.0	
1036			0.3	24.26	0.677	0.00	6.47	-488	174.6	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min. (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1018 Purge Stop: 1038

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW01B-A10
Sample Time: 1050
No. of Containers: 8

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/30/10

SAT03

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D^{2}h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (s/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0726		75mL/m	Ø	22.34	0.681	2.11	5.01	-212	102.0	
0729			0.9	22.36	0.674	1.66	4.97	-219	49.8	
0730			0.9	22.39	0.674	0.74	4.98	-225	19.2	
0733			0.9	22.39	0.673	0.02	4.99	-226	54.2	
0736			0.9	22.40	0.675	0.00	4.99	-230	25.5	
0740			1.2	22.38	0.675	0.00	4.99	-233	20.8	

Total Volume Purged: 4.8 (Liters) Total Purge Time: 16 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0724 Purge Stop: 0740

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAT03-P13
Sample Time: 0748
No. of Containers: 8+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/29/10

SAT 16

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1246		75 mL/m	Ø	25.88	Ø.683	1.97	5.28	-271	233.0	
1249			0.9	25.83	Ø.681	1.32	5.26	-224	235.0	
1253			1.2	25.74	Ø.681	0.79	5.23	-239	143.0	
1257			1.2	25.77	Ø.681	0.00	5.22	-241	157.0	
1300			0.9	75.80	Ø.683	0.00	5.21	-243	189.1	
1303			0.9	25.81	Ø.683	0.00	5.22	-243	194.0	

Total Volume Purged: 5.1 (Liters) Total Purge Time: _____ (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1246 Purge Stop: 1303

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAT16-P13
Sample Time: 1313
No. of Containers: 8+1

Duplicate
Sample ID: IW-70-SAT16-P13-D
Sample Time: 1317
No. of Containers: 8+1

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

PID: Ø.Ø
CH_4: Ø % vol.
O_2: 20.9
H_2S: Ø.Ø ppm
Cl: Ø ppm.

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/29/10

CAT 3

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0950		50 ml/m	~~0~~	24.94	0.667	1.12	5.36	-216	334.0	
0954			0.8	24.13	0.704	0.94	5.35	-233	289.0	
0957			0.6	24.06	0.704	0.59	5.35	-238	320.0	
1000			0.6	24.01	0.704	0.11	5.34	-237	293.7	
1004			0.8	24.05	0.701	0.00	5.35	-239	301.3	
1006			0.4	24.07	0.703	0.00	5.36	-240	287.0	
1009			0.6	24.09	0.703	0.00	5.35	-240	268.0	

Total Volume Purged: 3.8 (Liters) Total Purge Time: 19 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0950 Purge Stop: 1009

NOTE: ESTIMATED WELL

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IR-70-SAT31-PB
Sample Time: 1015
No. of Containers: 8+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/29/10

SAT 35

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) ____
Depth to Sediment (ft.) ____
Water Column Height (ft.) ____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing ____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) ____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] ____

PURGE METHOD

[ ] Bailer - Type: ____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0811		75mL/m	Ø	22.63	0.667	2.15	6.26	-361	43.9	
0815			1.2	22.64	0.745	1.32	6.29	-331	54.5	
0819			1.2	22.68	0.751	0.91	6.31	-322	47.0	
0823			1.2	22.73	0.755	0.56	6.33	-307	36.0	
0827			1.2	22.79	0.763	0.00	6.32	-312	22.8	
0831			1.2	22.75	0.763	0.00	6.32	-313	24.3	
0834			0.9	22.72	0.765	0.00	6.32	-311	33.0	

Total Volume Purged: 6.9 (Liters) Total Purge Time: 20min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0811 Purge Stop: 0831

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAT35-0913
Sample Time: 0837
No. of Containers: 8+1

Duplicate
Sample ID: ____
Sample Time: ____
No. of Containers: ____

Other (Blank/Trip/Field/Rinsate)
Type: ____
Sample ID: ____
Sample Time: ____
No. of Containers: ____

PID: 17.8
Chlor: 1% LEL
O2: 20.9%
H2S: 0.0%
Co: 0ppm

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/29/10

SMT 36

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0843		50 ml/m	Ø	23.14	0.756	1.87	5.55	-246	4.0	
0847			0.8	23.20	0.747	0.62	5.52	-250	0.0	
0850			0.6	23.46	0.731	0.00	5.50	-254	0.0	
0854			0.8	23.49	0.732	0.00	5.51	-255	0.0	
0858			0.8	23.50	0.731	0.00	5.50	-255	0.0	
0902			0.8	23.52	0.731	0.00	5.50	-256	0.0	

Total Volume Purged: 3.8 (Liters) Total Purge Time: 19 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0843 Purge Stop: 0902 NOTE: EFFLUENT WELL

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IL-70-SMT36-013
Sample Time: 0909
No. of Containers: 8+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

PID: 33.6
CH4: 0%
O2: 20.9%
H2S: 0.0
CO: 0.0

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

SMT 45

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1329		50 mL/m	0	25.67	0.935	1.88	6.73	-382	125.0	
1332			0.6	25.53	0.934	1.37	6.73	-385	105.0	
1335			0.6	25.71	0.928	0.44	6.73	-389	82.6	
1339			0.8	25.71	0.928	0.00	6.73	-389	80.0	
1343			0.8	25.72	0.929	0.00	6.72	-390	79.6	
1346			0.6	25.72	0.929	0.00	6.72	-391	79.4	

Total Volume Purged: 3.4 (Liters) Total Purge Time: (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1329 Purge Stop: 1346

NOTE: ESSENTIALLY DRY.

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: DW-70-SMT45-P13
Sample Time: 1351
No. of Containers: 8+1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

PID: 68.7
CH4: 4% LEL
O2: 20.9%
H2S: 100.0+ ppm
CO: 12.3 ppm

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/29/10

SAT 46

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0916		500mL/m	0	24.06	0.648	1.29	5.63	-226	0.0	
0919			0.6	23.77	0.612	0.97	5.63	-230	0.0	
0922			0.6	23.68	0.601	0.71	5.63	-233	0.0	
0925			0.8	23.70	0.588	0.00	5.64	-236	0.0	
0927			0.4	23.68	0.579	0.00	5.63	-240	0.0	
0930			0.6	23.72	0.577	0.00	5.63	-241	0.0	
0934			0.8	23.79	0.575	0.00	5.64	-242	0.0	

Total Volume Purged: 3.6 (Liters) Total Purge Time: 18 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0916 Purge Stop: 0934

Pump Controller Settings

500 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAT46-P13
Sample Time: 0940
No. of Containers: 8+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

PID: 23.9 ppm
Ch4: 21% LEL
O2: 20.9%
H2S: 0.0 ppm
CO: 0 ppm

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/28/10

SAT 50

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1345		50 ml/m	Ø	24.45	0.489	2.99	6.79	-363	89.6	
1348			0.6	24.06	0.485	2.87	6.78	-366	185.0	
1351			0.6	23.93	0.483	2.36	6.75	-368	320.0	
1354			0.6	24.28	0.483	1.95	6.73	-369	211.0	
1357			0.6	24.43	0.481	1.23	6.71	-370	295.0	
1400			0.6	24.42	0.480	1.05	6.69	-370	285.0	
1403			0.6	24.37	0.481	0.97	6.68	-370	278.0	
1406			0.6	24.46	0.480	0.73	6.66	-370	300.0	
1409			0.6	24.51	0.482	0.39	6.66	-370	237.0	
1412			0.6	24.58	0.483	0.00	6.66	-372	222.0	
1415			0.6	24.58	0.483	0.00	6.66	-373	249.0	

Total Volume Purged _____ Time Purge Begin _____ (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1345 Purge Stop: 1415
TOTAL VOL. PURGED: 6.0 (Liters) TOTAL PURGE TIME: 30 min

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAT50-P13
Sample Time: 1422
No. of Containers: 8+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-27-1410
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. Espinoza
Date: 09/09/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0942		25mL/m	0	24.85	1.45	0.85	6.35	-247	151	
0945			0.3	24.06	0.795	0.00	6.46	-240	256	
0948			0.3	24.09	0.766	0.00	6.47	-237	294	
0951			0.3	24.04	0.743	0.00	6.48	-235	319	
0954			0.3	24.03	0.726	0.00	6.48	-233	311	
0957			0.3	24.11	0.703	0.00	6.48	-235	291	
1000			0.3	24.15	0.700	0.04	6.48	-236	459	
1003			0.3	24.11	0.703	0.10	6.48	-242	517	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 23 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0942 Purge Stop: ~~[illegible]~~ 1005

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: mw-70-27-1410
Sample Time: 1010
No. of Containers: 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW70-28-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. ESPINOZA
Date: 09/13/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type: _____ [X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0913		25mL/m	0	23.75	0.416	2.41	6.33	-84	96.2	
0916			0.3	23.44	0.590	0.41	6.44	-209	108	
0919			0.3	23.42	0.608	0.00	6.55	-251	285	
0922			0.3	23.48	0.608	0.00	6.58	-279	388	
0925			0.3	23.37	0.592	0.00	6.59	-296	223	
0928			0.3	23.41	0.588	0.00	6.60	-302	221	
0931			0.3	23.48	0.594	0.00	6.60	-320	683	*

Total Volume Purged: 1.8 (Liters) Total Purge Time: 28 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0913 Purge Stop: 0933

* COULD NOT STABILIZE

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: MW-70-28-A10	Sample ID:	Type:
Sample Time: 0937	Sample Time:	Sample ID:
No. of Containers: 9	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MNA01
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/22/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0816		25ml/m	Ø	22.24	0.729	0.49	6.63	76	44.6	
0820			0.4	22.55	0.739	0.00	6.81	63	105.0	
0824			0.4	22.33	0.746	0.00	6.84	55	117.0	
0827			0.3	22.45	0.745	0.00	6.85	51	122.0	
0830			0.3	22.58	0.745	0.00	6.87	44	136.0	
0833			0.3	22.62	0.744	0.00	6.87	40	141.0	
0836			0.3	22.45	0.742	0.00	6.88	39	153.0	
0839			0.3	22.80	0.740	0.00	6.89	35	160.0	

Total Volume Purged: 2.3 (Liters) Total Purge Time: 23 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0816 Purge Stop: 0839

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA01-A10
Sample Time: 0842
No. of Containers: 6 + 1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# MNA02

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. Wells
Date: 9/11/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

☐ Bailer - Type:
☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0910		25 mL/m	Ø	21.19	0.411	0.03	6.44	31	7.7	
0913		↓	0.3	21.20	0.411	0.00	6.47	28	7.2	
0916			0.3	21.22	0.381	0.00	6.50	19	19.0	
0919			0.3	21.19	0.377	0.00	6.53	3	37.8	
0922			0.3	21.20	0.376	0.00	6.55	-7	58.4	
0925			0.3	21.22	0.380	0.00	6.56	-10	63.6	
0928			0.3	21.33	0.461	0.00	6.70	-15	78.7	
0931			0.3	21.36	0.483	0.00	6.74	-16	79.8	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 21 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0910 Purge Stop: 0931

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA02-A10
Sample Time: 0940
No. of Containers: 18
(MS/MSD)

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# MNA03

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/8/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____

☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1303		75 mL/m	Ø	22.78	0.410	0.59	6.96	-130	10.4	
1306			0.3	21.78	0.472	0.00	6.72	-102	38.0	
1309			0.3	21.78	0.470	0.00	6.69	-96	108.0	
1312			0.3	21.70	0.467	0.00	6.67	-93	181.0	
1315			0.3	21.73	0.463	0.00	6.67	-92	204.0	
1318			0.3	21.78	0.459	0.00	6.66	-92	225.0	

Total Volume Purged: 1.5 (Liters) Total Purge Time: 19 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1303 Purge Stop: 1319

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA03-1010
Sample Time: ~~[illegible]~~ 1325
No. of Containers: 6

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / 0 WELLS.
Date: 9/10/10

MNA04

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1025		25 mL/m	Ø	24.80	0.472	1.36	7.06	-70	* 0.00	* OUT OF RANGE
1028			0.3	24.43	0.561	0.00	6.91	-49	0.0	
1031			0.3	24.50	0.570	0.00	6.90	-44	1.0	
1034			0.3	24.48	0.571	0.00	6.89	-43	5.6	
1037			0.3	24.36	0.569	0.00	6.89	-42	12.0	
1040			0.3	24.39	0.567	0.00	6.89	-42	20.5	
1043			0.3	24.40	0.566	0.00	6.89	-42	28.7	
1046			0.3							* STABALIZE

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* OUT OF RANGE

Purge Start: 1025 Purge Stop: 1045

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW-70-MNA04-A10	Sample ID:		Type:	
Sample Time:	1049	Sample Time:		Sample ID:	
No. of Containers:	6	No. of Containers:		Sample Time:	
				No. of Containers:	

SOURCE AREA BIOBARRIER

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW02A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/02/10

INSIGHT formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1245		25	Ø	25.30	0.153	0.00	7.47	-224	0.0	
1248			0.3	25.13	0.159	0.00	7.48	-222	3.5	
1251			0.3	24.73	0.165	0.00	7.47	-212	72.5	
1254			0.3	24.69	0.163	0.00	7.47	-210	177.0	
1257			0.3	24.69	0.164	0.00	7.46	-210	237.0	
1300			0.3	24.68	0.161	0.00	7.47	-211	262.0	
1303			0.3	24.72	0.162	0.00	7.47	-210	266.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1245 Purge Stop: 1304

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW02A-A10
Sample Time: 1315
No. of Containers: 10

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW02B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/02/10

INSIGHT formerly GEOFON
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Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1315		25mL	Ø	25.16	0.159	0.00	7.33	-236	111.0	
1318			0.3	24.90	0.169	0.00	7.40	-227	116.0	
1321			0.3	24.73	0.171	0.00	7.45	-213	127.0	
1324			0.3	24.81	0.172	0.00	7.46	-206	137.0	
1327			0.3	24.92	0.173	0.00	7.46	-202	144.0	
1330			0.3	24.90	0.173	0.00	7.46	-200	153.0	

Total Volume Purged: 1.5 (Liters) Total Purge Time: 16 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1315 Purge Stop: 1331

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW02B-A10
Sample Time: 1342
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SPB03

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 08/30/10

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formerly GEOFON
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Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D^{2}h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

☐ Bailer - Type:
☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1120		25mL/m	1.0	28.77	0.157	0.00	6.71	-121	68.0	
1130		↓	1.0	28.79	0.165	0.00	6.67	-127	62.7	
1140			1.0	28.95	0.173	0.00	6.63	-129	55.3	

Total Volume Purged: 3.0 (Liters) Total Purge Time: 40 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1115 Purge Stop: 1200 (NOTED EFFERVESCENT WELL)

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SPB03-P13
Sample Time: 1345
No. of Containers: ~~[illegible]~~ 8
08/30/10

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SAB06

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/02/10

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Diamond Bar, CA. 91765
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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0840		25 mL/m	Ø	22.76	0.235	0.00	6.55	-163	282.0	
0843		↓	0.3	23.11	0.229	0.00	6.54	-181	425.0	
0846			0.3	23.22	0.225	0.00	6.54	-190	497.0	
0849			0.3	23.40	0.223	0.00	6.54	-196	565.0	
0852			0.3	23.58	0.220	0.00	6.56	-203	545.0	
0855			0.3	23.41	0.218	0.00	6.56	-214	588.0	

Total Volume Purged: 1.5 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0836 Purge Stop: 0856 (note: effluent clear)

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAB06-A10
Sample Time: 0905
No. of Containers: 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SAB11

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 08/30/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0935		25 mL/m	Ø	22.47	0.399	0.00	6.69	-95	182.0	
0940		↓	0.5	22.33	0.381	0.0	6.72	-136	195.0	
0943			0.3	22.29	0.379	0.0	6.73	-144	182.0	
0946			0.3	22.58	0.394	0.0	6.73	-156	162.0	
0949			0.3	22.48	0.394	0.0	6.73	-162	160.0	
0952			0.3	22.48	0.391	0.0	6.69	-166	174.0	
0955			0.3	22.54	0.389	0.0	6.68	-167	184.0	
0958			0.3	22.68	0.387	0.00	6.65	-167	194.0	

Total Volume Purged: 2.4 (Liters) Total Purge Time: 28 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0930 Purge Stop: 1000

Notes: [illegible]

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SAB11-P13
Sample Time: 1205
No. of Containers: 8
08/30/10

Duplicate
Sample ID: IW-70-SAB11-P13-D
Sample Time: 1210
No. of Containers: 8
08/30/10

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW03A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/02/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1000		25 mL/m	~~0~~	23.21	0.199	0.06	6.47	-142	425.0	
1003			0.3	23.54	0.189	0.00	6.47	-152	OOR(*)	
1006			0.3	24.60	0.185	0.00	6.46	-156	OOR(*)	
1009			0.3	24.16	0.186	0.00	6.47	-157	OOR(*)	
1012			0.3	23.97	0.185	0.00	6.45	-158	OOR(*)	
1015			0.3	23.95	0.183	0.00	6.48	-161	OOR(*)	
1018			0.3	23.93	0.181	0.00	6.47	-166	OOR(*)	
1021			0.3	23.91	0.185	0.00	6.48	-166	OOR(*)	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 23 min (Minutes)

OBSERVATIONS DURING PUMPING

(*) = OUT OF RANGE
(NOTE: EFFLORESCENCE WELL)

Purge Start: 1000 Purge Stop: 1023

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW03A-A10
Sample Time: 1037
No. of Containers: 11

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW03B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/02/10

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Diamond Bar, CA. 91765
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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1105		25 mL/m	Ø	23.86	0.168	0.00	7.15	-286	OOR(*)	
1108			0.3	23.87	0.166	0.00	7.38	-280	OOR(*)	
1111			0.3	23.87	0.165	0.00	7.42	-279	OOR(*)	
1114			0.3	23.86	0.165	0.00	7.45	-278	OOR(*)	
1117			0.3	23.81	0.162	0.00	7.49	-277	OOR(*)	
1120			0.3	24.03	0.162	0.00	7.51	-276	OOR(*)	
1123			0.3	24.38	0.160	0.00	7.52	-276	OOR(*)	
1126			0.3	24.45	0.166	0.00	7.52	-276	OOR(*)	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 22 min (Minutes)

(*) OUT OF RANGE

OBSERVATIONS DURING PUMPING

Purge Start: 1105 Purge Stop: 1127

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: ~~SIW-70~~-PMW03B-A10	Sample ID:	Type:
Sample Time: 1140	Sample Time:	Sample ID:
No. of Containers: 11	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

MW05

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A WELLS
Date: 9/10/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (mS/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1100		0.0 ↗	.25mL/m	25.10	94.1	0.0	7.58	-216	0.0	
1103		25mL/m	0.3	24.80	99.2	0.0	7.55	-225	0.0	
1106			0.3	24.72	99.4	0.0	7.54	-228	0.0	
1109			0.3	24.65	99.3	0.0	7.52	-240	0.0	
1112			0.3	24.62	99.4	0.0	7.53	-243	0.0	
1115			0.3	24.58	98.5	0.0	7.52	-253	10.8	
1118			0.3	24.50	98.4	0.0	7.51	-257	9.4	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 21 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1100 Purge Stop: 1121

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW70-MW05-A10	Sample ID:		Type:	
Sample Time:	1126	Sample Time:		Sample ID:	
No. of Containers:	6	No. of Containers:		Sample Time:	
				No. of Containers:	

FIRST SAND BIOBARRIER 1

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW 04A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/7/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D^{2}h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1005		25 ml/m	Ø	21.80	0.160	0.00	6.82	-154	68.1	
1008			0.3	21.77	0.157	0.00	6.86	-152	186.0	
1011			0.3	21.81	0.154	0.00	6.88	-153	69.2	
1014			0.3	21.81	0.152	0.00	6.89	-155	309.0	
1017			0.3	21.74	0.148	0.00	6.90	-159	168.0	
1020			0.3	21.75	0.146	0.00	6.92	-162	436.0	
1023			0.3	21.63	0.144	0.00	6.94	-165	004(*)	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

* out of range

Purge Start: 1005 Purge Stop: 1025

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW04A-A10
Sample Time: 1035
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW04B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/7/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1053		25mL/m	Ø	22.07	0.134	0.00	7.31	-315	0.0	
1056			0.3	22.06	0.136	0.00	7.33	-289	0.0	
1059			0.3	21.99	0.137	0.00	7.46	-285	0.0	
1102			0.3	22.05	0.137	0.00	7.49	-280	0.0	
1105			0.3	22.14	0.137	0.00	7.49	-280	0.0	
1108			0.3	22.19	0.137	0.00	7.52	-280	1.2	
1111			0.3	22.18	0.136	0.00	7.52	-280	1.7	
1114			0.3	22.25	0.136	0.00	7.52	-279	3.6	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 22 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1053 Purge Stop: 1115

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW04B-A10
Sample Time: 1150
No. of Containers: 30
(MS/MSD)

~~Duplicate~~
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW06A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/3/10

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formerly GEOFON
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Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____
☒ Pump - Type: QED Dedicated Bladder Pump (70-80')

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1137		25 mL/m	Ø	23.38	0.220	0.08	7.56	-292	0.0 (OOR*)	
1140			0.3	23.02	0.255	0.00	7.47	-269	0.0 (OOR*)	
1143			0.3	22.71	0.256	0.00	7.43	-262	0.0 (OOR*)	
1146			0.3	22.76	0.255	0.00	7.41	-260	11.9	
1149			0.3	22.63	0.255	0.00	7.39	-258	21.3	
1152			0.3	22.63	0.256	0.00	7.36	-256	32.2	
1155			0.3	22.56	0.257	0.00	7.34	-255	40.7	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min. (Minutes)

(*) out of range

OBSERVATIONS DURING PUMPING

Purge Start: 1137 Purge Stop: 1157

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW06A-010
Sample Time: 1210
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

* TURBITITY FLASHING. UNABLE TO GET READING, MEASUREMENT IS OUT OF RANGE.

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW06B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/3/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump (91-101)

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1213		25 ml/m	Ø	22.94	0.192	0.00	7.33	-275	0.0 (con.*)	
1216			0.3	23.65	0.195	0.00	7.51	-269	0.1	
1219			0.3	23.95	0.195	0.00	7.52	-265	8.6	
1222			0.3	23.89	0.195	0.00	7.53	-264	11.4	
1225			0.3	23.99	0.195	0.00	7.54	-263	28.4	
1228			0.3	23.99	0.195	0.00	7.54	-263	30.1	
1231			0.3	24.01	0.195	0.00	7.55	-264	32.9	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)
(* out of range)

OBSERVATIONS DURING PUMPING

Purge Start: 1213 Purge Stop: 1233

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW06B-A10
Sample Time: 1245
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# CSB108

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/8/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) ____
Depth to Sediment (ft.) ____
Water Column Height (ft.) ____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing ____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) ____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] ____

PURGE METHOD

☐ Bailer - Type: ____
☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1000		25 mL/m	Ø	22.16	0.247	0.69	6.48	-196	101.0	
1003			0.3	21.76	0.246	0.00	6.24	-202	340.0	
1006			0.3	21.68	0.245	0.00	6.20	-209	416.0	
1009			0.3	21.68	0.243	0.00	6.18	-215	572.0	
1012			0.3	21.66	0.241	0.00	6.18	-218	718.0	
1015			0.3	21.69	0.237	0.00	6.17	-221	OOR(*)	
1018			0.3	21.73	0.236	0.00	6.17	-222	477.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 19 min (Minutes)

(*) OUT OF RANGE

OBSERVATIONS DURING PUMPING

Purge Start: 1000 Purge Stop: 1019

NOTE: CSB108 ABSENT WELL

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: Iw-70-(SB)08-A10
Sample Time: 1032
No. of Containers: 9

Duplicate
Sample ID: ____
Sample Time: ____
No. of Containers: ____

Other (Blank/Trip/Field/Rinsate)
Type: ____
Sample ID: ____
Sample Time: ____
No. of Containers: ____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SSB 118

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/8/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1107		25 mL/m	Ø	22.20	0.343	0.30	6.53	-181	134.0	
1110			0.3	21.93	0.342	0.00	6.54	-249	236.0	
1113			0.3	21.90	0.340	0.00	6.55	-241	451.0	
1116			0.3	21.91	0.333	0.00	6.55	-235	362.0	
1119			0.3	21.91	0.332	0.00	6.55	-233	713.0	
1122			0.3	21.93	0.330	0.00	6.55	-234	724.0	
~~1125~~			0.3							

Total Volume Purged: 1.5 (Liters) Total Purge Time: 16 min. (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1107 Purge Stop: 1123

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: IW-70-SSB118-A10	Sample ID:	Type:
Sample Time: 1134	Sample Time:	Sample ID:
No. of Containers: 8+1	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW05A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/8/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.): _____
Depth to Sediment (ft.): _____
Water Column Height (ft.): _____
Casing Diameter (ft.): 0.25

h - Length of discharge tubing: _____
D - diameter of discharge tubing (inches): 0.375
TV - Volume of tubing (mL): _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL): 300
Sampling system volume (mL) [SSV = TV + BV]: _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0828		25 mL/min	Ø	21.41	0.147	0.59	6.63	-115	0.6	
0831			0.3	21.25	0.149	0.00	6.65	-137	10.6	
0834			0.3	21.33	0.146	0.00	6.57	-147	217.0	
0837			0.3	21.33	0.144	0.00	6.58	-152	333.0	
0840			0.3	21.38	0.141	0.00	6.58	-158	449.0	
0843			0.3	21.39	0.138	0.00	6.60	-165	OOR(*)	
0846			0.3	21.45	0.137	0.00	6.61	-169	OOR(*)	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

(*) OUT OF RANGE

OBSERVATIONS DURING PUMPING

Purge Start: 0828 Purge Stop: 0848

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW05A-0910
Sample Time: 0900
No. of Containers: 18

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW05B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/8/10

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Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0906		25 mL/m	Ø	21.27	0.462	0.00	6.59	-262	194.0	
0909			0.3	21.30	0.437	0.00	6.62	-283	280.0	
0912			0.3	21.38	0.379	0.00	6.65	-308	354.0	
0915			0.3	21.43	0.366	0.00	6.69	-321	427.0	
0918			0.3	21.41	0.352	0.00	6.71	-329	467.0	
0921			0.3	21.40	0.347	0.00	6.72	-337	539.0	
0924			0.3	21.45	0.340	0.00	6.73	-343	341.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0906 Purge Stop: 0926

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW05B-A10
Sample Time: 0938
No. of Containers: 11 (10+1)

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# MW-70-38

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/3/10

INSIGHT Environmental Management Services, Inc. formerly GEOFON
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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump (80-100')

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
03 ~~[illegible]~~		25 mL/m	Ø	26.65	0.230	0.05	6.97	-272	40.1	
1306		↓	0.3	23.07	0.246	0.00	6.66	-310	499.0	
1309			0.3	22.97	0.246	0.00	6.60	-326	117.0	
1312			0.3	22.94	0.245	0.00	6.58	-331	93.0	
1315			0.3	23.06	0.245	0.00	6.56	-338	189.0	
1318			0.3	23.01	0.247	0.00	6.57	-344	190.0	
1321		↓	0.3	23.22	0.246	0.00	6.55	-351	122.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

NOTE: ~~[illegible]~~

Purge Start: ~~[illegible]~~ 1303 Purge Stop: 1323

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-38-A10
Sample Time: 1334
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 RDO-5-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/16/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(mS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1300		25mL/m	0	22.52	0.126	1.06	7.78	-159	0.0	*OOR
1303			0.3	22.84	0.101	0.74	7.61	-169	0.0	*OOR
1306			0.3	23.02	0.108	0.00	7.61	-185	0.0	
1309			0.3	23.41	0.125	0.00	7.51	-194	4.8	
1312			0.3	23.45	0.126	0.00	7.49	-195	6.4	
1315			0.3	23.66	0.126	0.00	7.47	-198	6.1	
1318			0.3	23.82	0.125	0.00	7.46	-206	47.9	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1300 Purge Stop: 1320

*OUT OF RANGE.

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: RDO-5-A10
Sample Time: 1330
No. of Containers: 7

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach MNA 06 - A10
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon A. Wells-Espinoza
Date: 09/10/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1234		25mL/m	0.3	23.52	63.3	0.19	7.27	-157	2.7	
1237			0.3	23.20	82.9	0.00	7.31	-158	0.0	
1240			0.3	23.24	0.140	0.00	7.38	-158	0.0	
1243			0.3	23.36	0.146	0.00	7.37	-164	0.0	
1246			0.3	23.30	0.149	0.00	7.37	-168	0.0	
1249			0.3	23.29	0.155	0.00	7.38	-174	0.0	
1252			0.3	23.29	0.156	0.00	7.37	-176	0.0	
1255			0.3	23.21	0.158	0.00	7.37	-180	0.0	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 26 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1234 Purge Stop: 1300

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW70-MNA-06-A10	Sample ID:	MW70-MNA06-A10-D	Type:	
Sample Time:	1302	Sample Time:	1307	Sample ID:	
No. of Containers:	6	No. of Containers:	6	Sample Time:	
				No. of Containers:	

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-MNA07-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/16/10

INSIGHT formerly GEOFON
22632 Golden Springs Dr., Suite 270
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Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp. (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1335		0	25mL/m	22.56	0.185	0.00	6.87	-181	66.1	
1338		0.3		22.49	0.193	0.00	6.90	-186	150.0	
1341		0.3		22.50	0.199	0.00	6.91	-189	344.0	
1344		0.3		22.62	0.204	0.00	6.93	-196	218.0	
1347		0.3		22.63	0.209	0.00	6.94	-200	165.4	
1350		0.3		23.33	0.200	0.00	6.95	-203	174.0	
1353		0.3		23.34	0.206	0.00	6.95	-203	198.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 21 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1335 Purge Stop: 1356

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA07-A10
Sample Time: 1405
No. of Containers: 7

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-MN408-410
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/16/10

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Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1410		25mL/m	0	23.30	0.214	0.00	7.30	-233	144.0	
1413			0.3	23.31	0.256	0.00	7.29	-228	148.0	
1416			0.3	23.25	0.266	0.00	7.32	-214	177.0	
1419			0.3	23.34	0.268	0.00	7.33	-204	165.0	
1422			0.3	23.33	0.268	0.00	7.33	-202	175.0	
1425			0.3	23.06	0.267	0.00	7.33	-202	180.0	
1428			0.3	23.09	0.267	0.00	7.34	-202	176.0	
										☆

Total Volume Purged: 1.8 (Liters) Total Purge Time: 25 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1410 Purge Stop: 1435

☆ TURBIDITY IS READING HIGH...

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MN408-410
Sample Time: 1445
No. of Containers: 7

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach MW70MNA11-A10
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. Espinoza
Date: 9/10/10

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Environmental Health and Safety Consultants
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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1358		25mL/m	0.0	23.88	0.221	1.40	7.23	-243	2.0	
1401			0.3	23.20	0.240	0.00	7.11	-255	15.4	
1404			0.3	23.12	0.260	0.00	7.14	-222	18.7	
1407			0.3	23.04	0.262	0.00	7.13	-211	39.9	
1410			0.3	22.98	0.262	0.00	7.12	-206	68.9	
1413			0.3	22.91	0.263	0.00	7.12	-204	91.5	
1416			0.3	22.83	0.262	0.00	7.12	-202	118.0	
									*	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 22 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1358 Purge Stop: 1420

* Could not stabilize

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW-70-MNA11-A10	Sample ID:		Type:	
Sample Time:	1425	Sample Time:		Sample ID:	
No. of Containers:	6	No. of Containers:		Sample Time:	
				No. of Containers:	

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/28/10

MW-70-43A

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0855		50mL/m	Ø	22.90	0.602	3.14	11.77	-163	103.0	
0858			0.6	22.69	0.610	2.58	11.75	-171	116.0	
0901			0.6	22.72	0.612	2.37	11.75	-171	121.0	
0904			0.6	22.67	0.616	2.11	11.75	-170	128.0	
0907			0.6	22.68	0.617	2.03	11.76	-170	134.0	
0910			0.6	22.70	0.617	2.00	11.76	-170	137.0	
0913			0.6	22.63	0.619	1.97	11.79	-169	161.0	
0916			0.6	22.55	0.620	1.95	11.80	-169	177.0	
0919			0.6	22.63	0.616	1.98	11.81	-169	183.0	

Total Volume Purged: 4.8 (Liters) Total Purge Time: 24 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0855 Purge Stop: 0919

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-43A-A10
Sample Time: 0923
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

FIRST SAND BIOBARRIER 2

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW07A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 8/31/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D^{2}h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1230		25 mL/m	Ø	22.95	3.97	0.00	6.78	-329	75.7	
1233			0.3	23.11	3.88	0.00	6.76	-355	166.0	
1236			0.3	23.24	3.84	0.00	6.75	-363	259.0	
1239			0.3	23.31	3.83	0.00	6.75	-369	259.0	
1242			0.3							
1245			0.3							
1248										
1251										

Total Volume Purged: 1.0 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1225 Purge Stop: 1240

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW07A-A10
Sample Time: 1250
No. of Containers: 11

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW07B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 08/31/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1300		25 mL/m	Ø	24.22	1.140	0.14	7.24	-330	227.0	
1305			0.5	23.43	0.724	0.00	7.19	-325	230.0	
1308			0.3	23.21	0.649	0.00	7.20	-309	236.0	
1311			0.3	23.07	0.594	0.00	7.21	-296	245.0	
1314			0.3	23.02	0.561	0.00	7.21	-289	253.0	
1317			0.3	22.98	0.546	0.00	7.22	-288	265.0	
1320			0.3							

Total Volume Purged: 20 (Liters) Total Purge Time: 18 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1300 Purge Stop: 1318

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW07B-A10
Sample Time: 1330
No. of Containers: 11

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

≈ 1600 psi

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# FSB216

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/01/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1040		25 mL/min	Ø	22.93	3.05	0.00	6.21	-317	455.0	
1043		↓	0.3	22.94	3.09	0.00	6.24	-322	960.0	
1046		↓	0.3	22.90	3.09	0.00	6.24	-325	416.0	
1049		↓	0.3	22.91	3.09	0.00	6.25	-327	895.0	
1052		↓	0.3	22.88	3.07	0.00	6.25	-329	577.0	
~~1055~~		↓	0.3							

Total Volume Purged: 1.2 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

(NOTE: EFFLUENT [illegible])

Purge Start: 1035 Purge Stop: 1055

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-FSB216-A10
Sample Time: 1105
No. of Containers: 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# FSB229

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 09/01/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.):
Depth to Sediment (ft.):
Water Column Height (ft.):
Casing Diameter (ft.): 0.25

h - Length of discharge tubing:
D - diameter of discharge tubing (inches): 0.375
TV - Volume of tubing (mL):
[TV (mL) = 155*D²h]
BV - Bladder volume (mL): 300
Sampling system volume (mL) [SSV = TV + BV]:

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0940		25 mL/m	Ø	24.05	0.984	0.00	6.59	-209	557.0	
0943			0.3	23.71	0.365	0.00	6.64	-235	918.0	
0946			0.3	23.74	0.359	0.00	6.69	-272	451.0	
0949			0.3	23.69	0.354	0.00	6.70	-284	649.0	
0952			0.3	23.56	0.355	0.00	6.71	-294	524.0	
0955			0.3	23.63	0.354	0.00	6.72	-299	806.0	
0958			0.3	23.68	0.356	0.00	6.73	-306	716.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 22 min (Minutes)

OBSERVATIONS DURING PUMPING

(Note: effervescent well)

Purge Start: 0938 Purge Stop: 1000

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-FSB229-P13
Sample Time: 1010
No. of Containers: 9

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW08A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9-01-10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1125		25 mL/m	Ø	24.21	2.69	0.09	7.09	-233	39.9	
1128			0.3	23.70	2.72	0.02	6.77	-226	12.5	
1131			0.3	23.54	2.77	0.00	6.82	-222	25.5	
1134			0.3	23.51	2.78	0.00	6.86	-220	46.0	
1137			0.3	23.69	2.77	0.00	6.86	-221	69.5	
1140			0.3	23.92	2.77	0.00	6.88	-221	74.9	
1143			0.3	24.02	2.75	0.00	6.89	-220	85.4	
1146			0.3	24.04	2.73	0.00	6.89	-219	81.8	
~~1149~~			0.3							

Total Volume Purged: 2.1 (Liters) Total Purge Time: 23 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1123 Purge Stop: 1146

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW08A-A10
Sample Time: 1158
No. of Containers: 11

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW08B

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/01/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1215		25 mL/m	Ø	23.79	0.94	0.19	7.12	-274	2.9	
1218			0.3	23.99	0.805	0.09	6.90	-272	21.6	
1221			0.3	23.68	0.795	0.00	6.91	-263	4.4	
1224			0.3	23.54	0.790	0.00	6.94	-256	20.9	
1227			0.3	23.61	0.787	0.00	6.94	-251	40.9	
1230			0.3	23.69	0.783	0.00	6.94	-246	57.0	
1233			0.3	23.71	0.780	0.00	6.94	-244	67.3	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1213 Purge Stop: 1234

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW08B-A10
Sample Time: 1245
No. of Containers: 11

Duplicate
Sample ID: MW-70-PMW08B-A10-D
Sample Time: 1250
No. of Containers: 11

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-MNA09-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. Espinoza
Date: 09/13/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type: _____ [X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1110		25mL/m	0	22.53	1.91	0.00	6.79	-242	73.2	
1113			0.3	22.42	1.81	0.00	6.85	-239	104.0	
1116			0.3	22.16	1.71	0.00	6.88	-228	138.0	
1119			0.3	22.12	1.67	0.00	6.89	-228	941.0	
1122			0.3	22.15	1.62	0.00	6.89	-229	958.0	
1125			0.3	22.10	1.60	0.00	6.90	-229	400.0	
1128			0.3	21.12	1.58	0.0	6.90	-229	123.0	*

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* could not stabilize

Purge Start: 1110 Purge Stop: 1130

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: mw-70-MNA09-A10	Sample ID:	Type:
Sample Time: 1135	Sample Time:	Sample ID:
No. of Containers: 4	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 MNA10
Site Engineers: B. Gober / C. Brogdon
Date: 9/22/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0916		25 mL/min	Ø	21.52	0.501	1.26	7.18	-163	0.0	
0918			0.3	21.40	0.699	0.00	7.00	-144	32.0	
0921			0.3	21.38	0.707	0.00	6.97	-141	54.3	
0924			0.3	21.38	0.677	0.00	6.95	-141	96.3	
0927			0.3	21.36	0.645	0.00	6.94	-143	267.0	
0930			0.3	21.39	0.622	0.00	6.95	-146	432.0	
0933			0.3	21.38	0.604	0.00	6.96	-148	149.0	
0936			0.3	21.40	0.585	0.00	6.98	-153	180.0	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0916 Purge Stop: 0936

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA10-A10
Sample Time: 0942
No. of Containers: 6 + 1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 MNA 12
Site Engineers: B. Gober / C. Brogdon
Date: 9/22/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1027		25 mL/m	Ø	22.10	1.83	0.68	7.10	-146	2.6	
1030			0.3	21.85	2.88	0.00	7.01	-161	77.2	
1033			0.3	21.72	2.97	0.00	7.01	-184	92.5	
1036			0.3	21.67	2.97	0.00	7.01	-195	92.6	
1039			0.3	21.59	2.96	0.00	7.01	-204	105.0	
1042			0.3	21.63	2.95	0.00	7.01	-212	113.0	
1045			0.3	21.59	2.95	0.00	7.01	-214	126.0	
1048			0.3	21.60	2.94	0.00	7.01	-217	127.0	
		Ø								

Total Volume Purged: 2.1 (Liters) Total Purge Time: 22 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1026 Purge Stop: 1048

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA12-010
Sample Time: 1056
No. of Containers: 6+1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

SHELL HORIZON BIOBARRIER 1

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-PMW09-A10
Navy Contract No: N68711-04D-1107 MS/MSD
Site Engineers: B. Gober / C. Brogdon
Date: 9/15/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1118		25mL/m	0	24.00	0.142	7.60	0.04	-297	0.0	
1121			0.3	24.17	0.143	7.61	0.00	-313	0.0	
1124			0.3	23.33	0.143	7.69	0.00	-315	0.0	
1127			0.3	23.13	0.143	7.76	0.00	-287	0.0	
1130			0.3	23.13	0.143	7.77	0.00	-270	0.0	
1133			0.3	23.14	0.144	7.75	0.00	-264	0.0	
1136			0.3	23.16	0.144	7.76	0.00	-264	0.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1118 Purge Stop: 1138

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: mw-70-PMW09-A10
Sample Time: 1100
No. of Containers: 31

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 ~~MW~~-70-SHB113-1410
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/15/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1010		25mL/m	0	22.38	0.246	0.00	6.36	-167	165.0	
1013			0.3	22.50	0.241	0.00	6.37	-169	190.0	
1016			0.3	22.50	0.237	0.00	6.38	-174	263.0	
1019			0.3	22.82	0.230	0.00	6.39	-188	275.0	
1022			0.3	22.84	0.226	0.00	6.40	-190	372.0	
1025			0.3	2294	0.221	0.00	6.40	-201	332.0	
1028			0.3	23.04	0.221	0.00	6.41	-212	401.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1010 Purge Stop: 1030

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: ~~MW~~-70-SHB113-1410
Sample Time: 1041
No. of Containers: ~~3~~ 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/23/10

SHB217

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1005		75 mL/m	Ø	22.63	0.649	0.28	7.23	-216	9.7	
1008			0.9	22.25	0.748	0.00	7.15	-217	3.5	
1011			0.9	22.15	0.800	0.00	7.11	-197	0.0	
1014			0.9	22.22	0.813	0.00	7.10	-197	0.0	
1017			0.9	22.32	0.827	0.00	7.09	-187	0.0	
1020			0.9	22.37	0.828	0.00	7.09	-187	0.0	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1005 Purge Stop: 1020

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SHB217-A10
Sample Time: 1024
No. of Containers: 6 + 1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-PMW10-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/15/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity (~~µS/cm~~) (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1210		25 mL/m	0	21.34	0.187	1.13	7.39	-254	9.2	
1213			0.3	21.74	0.204	0.00	7.45	-282	0.0	* OOR
1216			0.3	21.64	0.206	0.00	7.49	-277	0.0	* OOR
1219			0.3	21.54	0.206	0.00	7.53	-274	0.0	* OOR
1222			0.3	21.63	0.206	0.00	7.54	-263	0.0	* OOR
1225			0.3	21.71	0.206	0.00	7.57	-258	0.0	* OOR
1228			0.3	21.69	0.206	0.00	7.58	-252	0.0	* OOR

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* OUT OF RANGE

Purge Start: 1210 Purge Stop: 1230

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW10-A10
Sample Time: 1235
No. of Containers: 11

Duplicate
Sample ID: MW-70-PMW10-A10-D
Sample Time: 1240
No. of Containers: 11

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 MNA13
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = $155*D^2h$]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1046		75 mL/min	Ø	23.77	1.21	0.90	7.32	-219	0.0	
1049		↓	0.9	22.49	0.759	0.00	7.24	-195	0.0	
1052			0.9	22.45	0.911	0.00	7.24	-190	3.4	
1055			0.9	22.41	0.955	0.00	7.25	-190	4.6	
1058			0.9	22.42	0.930	0.00	7.26	-189	0.0	
1101			0.9	22.45	0.892	0.00	7.27	-188	0.0	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1046 Purge Stop: 1101

Pump Controller Settings

75 mL mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: 44-70-MNA13-A10
Sample Time: 1108
No. of Containers: 6

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

SHELL HORIZON BIOBARRIER 3

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW11A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/9/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.):
Depth to Sediment (ft.):
Water Column Height (ft.):
Casing Diameter (ft.): 0.25

h - Length of discharge tubing:
D - diameter of discharge tubing (inches): 0.375
TV - Volume of tubing (mL):
[TV (mL) = 155*D²h]
BV - Bladder volume (mL): 300
Sampling system volume (mL) [SSV = TV + BV]:

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0844		25 mL/m	Ø	21.76	0.489	0.78	6.90	-129	0.0	
0847			0.3	21.78	4.91	0.00	6.49	-111	0.9	
0850			0.3	21.80	4.97	0.00	6.60	-121	5.1	
0853			0.3	21.78	4.97	0.00	6.63	-127	0.0	
0856			0.3	21.78	4.97	0.00	6.65	-132	0.0	
0859			0.3	21.88	4.97	0.00	6.68	-139	0.0	
0902			0.3	21.88	4.97	0.00	6.69	-144	0.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 19 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0844 Purge Stop: 0903

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW11A-010
Sample Time: 0915
No. of Containers: 10

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# PMW118

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/9/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.): 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches): 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL): 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0916		25 ml/m	Ø	23.54	0.827	1.35	7.29	204	0.0	
0921			0.3	22.76	0.625	0.23	7.19	-229	0.0	
0924			0.3	22.15	0.572	0.00	7.15	-207	0.0	
0927			0.3	22.11	0.575	0.00	7.14	-202	4.0	
0930			0.3	22.10	0.583	0.00	7.12	-200	11.4	
0933			0.3	22.15	0.587	0.00	7.12	-200	22.4	
0936			0.3	22.30	0.587	0.00	7.12	-200	35.1	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0918 Purge Stop: 0938

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW118-R10
Sample Time: 0951
No. of Containers: 10

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SHB310

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 8/31/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0900		25	Ø	23.20	1.93	0.87	5.01	-177	181.0	
0910		↓	1.0	22.21	1.87	0.46	4.98	-202	138.0	
0913			0.3	22.18	1.87	0.37	4.99	-204	140.0	
0916			0.3	22.08	1.88	0.17	4.98	-205	151.0	
0919			0.3	22.06	1.88	0.00	4.99	-206	150.0	

Total Volume Purged: 1.9 (Liters) Total Purge Time: _____ (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0900 Purge Stop: 0920 (LOW EFFLUENT VOL)

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SHB310-A10
Sample Time: 0920
No. of Containers: 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG

MONITORING WELL ID# SHB311

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 8/31/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(mS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0930		25mL.	Ø	24.67	1.00	2.12	6.10	-231	176.0	
0935		↓	0.5	23.68	0.471	0.79	6.51	-210	309.0	
0938			0.3	23.54	0.394	0.17	6.53	-211	394.0	
0941			0.3	23.58	0.338	0.00	6.51	-210	566.0	
0944			0.3	23.56	0.332	0.00	6.52	-210	OOR *	
0947			0.3	23.59	0.329	0.00	6.51	-210	355.0	

Total Volume Purged: 1.9 (Liters) Total Purge Time: 19 min (Minutes)

* OUT OF RANGE (OOR)

OBSERVATIONS DURING PUMPING

Purge Start: 0930 Purge Stop: 0950

(NOTE: EXHAUSTED WELL)

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SHB311/L P13
Sample Time: 1000
No. of Containers: 9

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

1/2 1700 psi in tank

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# SHB319

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 08/31/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(mS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0755		25 mL/m	Ø	20.10	0.452	0.00	6.39	-163	161.0	
0758		↓	0.3	20.43	0.368	0.00	6.40	-139	361.0	
0801			0.3	20.61	0.351	0.00	6.43	-128	322.0	
0804			0.3	20.78	0.340	0.00	6.43	-129	676.0	
0807			0.3	20.88	0.341	0.00	6.46	-133	275.0	
0810			0.3	20.98	0.340	0.00	6.49	-139	540.0	

Total Volume Purged: 1.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0750 Purge Stop: 0810

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original & MS/MSD
Sample ID: IW-70-SHB319-P13
Sample Time: 0820
No. of Containers: 25

~~*Duplicate*~~
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-pmw12A-1410
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/16/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D^{2}h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0900		25mL/m	0	23.14	0.487	0.01	7.38	-303	15.7	
0903			0.3	23.81	0.499	0.00	7.36	-297	25.4	
0906			0.3	23.83	0.503	0.00	7.37	-294	36.3	
0909			0.3	24.03	0.506	0.00	7.34	-289	67.4	
0912			0.3	24.06	0.507	0.00	7.32	-271	60.4	
0915			0.3	23.48	0.510	0.00	7.32	-243	80.0	
0918			0.3	23.41	0.508	0.00	7.30	-243	120.7	
0921			0.3	23.34	0.508	0.00	7.29	-241	169.5	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 25 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0900 Purge Stop: 0925

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec)

WELL SAMPLING

Original
Sample ID: mw-70-pmw12A-1410
Sample Time: 0935
No. of Containers: 11

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw 70-pmw12B-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/16/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1005		25ml/m	0	22.95	0.515	0.00	7.07	-294	254.0	
1008			0.3	22.83	0.521	0.00	7.03	-300	254.0	
1011			0.3	22.82	0.516	0.00	6.91	-305	251.0	
1014			0.3	22.62	0.527	0.00	6.76	-320	217.0	
1017			0.3	22.64	0.534	0.00	6.78	-313	237.0	
1020			0.3	22.57	0.528	0.00	6.79	-275	197.0	
1023			0.3	22.51	0.528	0.00	6.79	-273	216.0	
1026			0.3	22.48	0.526	0.00	6.80		429.0	*

Total Volume Purged: 2.1 (Liters) Total Purge Time: 25 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1005 Purge Stop: 1030

* COULD NOT STABILIZE TURBIDITY

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: mw-70-pmw12B-A10	Sample ID: mw-70-pmw12B-A10B	Sample ID:
Sample Time: 1045	Sample Time: 1052	Sample Time:
No. of Containers: 11	No. of Containers: 11	No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/22/10

MNA14

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1320		25 mL/m	Ø	24.11	0.316	2.48	7.46	-215	2.2	
1323		↓	0.3	22.63	0.319	0.00	7.40	-245	4.8	
1326			0.3	22.33	0.358	0.00	7.57	-236	0.0	
1329			0.3	22.55	0.359	0.00	7.59	-231	0.0	
1332			0.3	22.08	0.361	0.00	7.58	-221	0.0	
1335			0.3	22.39	0.361	0.00	7.58	-219	0.0	
1338			0.3	22.70	0.360	0.00	7.58	-215	0.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 24 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1315 Purge Stop: 1339

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA14-1010
Sample Time: 1344
No. of Containers: 6+1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

SECOND SAND BIOBARRIER 1

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# PMW13A

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/9/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1015		250 mL/m	Ø	23.31	0.759	3.65	7.33	-134	0.0	
1018			0.3	21.83	0.717	0.02	7.21	-221	0.0(*)	
1021			0.3	21.67	0.729	0.00	7.23	-201	0.0(*)	
1024			0.3	21.72	0.733	0.00	7.22	-193	0.0(*)	
1027			0.3	21.67	0.739	0.00	7.20	-189	0.0(*)	
1030			0.3	21.85	0.734	0.00	7.19	-188	0.0(*)	
1033			0.3	22.04	0.731	0.00	7.19	-187	0.0(*)	
1036			0.3	22.17	0.725	0.00	7.19	-187	0.0(*)	
~~1039~~			~~0.3~~							

Total Volume Purged: 2.1 (Liters) Total Purge Time: 22 min (Minutes)

OBSERVATIONS DURING PUMPING

(*) FLASHING 0.0, TURB is out of range (0.0)

Purge Start: 1015 Purge Stop: 1037

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: ML-70-PMW13A-AD
Sample Time: 1049
No. of Containers: 10

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/9/10

~~PMW15~~ PMW13B

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1100		25 mL/m	Ø	21.56	1.17	0.00	7.26	-250	6.4	
1103			0.3	21.52	1.21	0.00	7.25	-236	83.8	
1106			0.3	21.51	1.23	0.00	7.24	-234	88.7	
1109			0.3	21.51	1.24	0.00	7.24	-232	94.3	
1112			0.3	21.53	1.25	0.00	7.25	-230	99.6	
1115			0.3	21.59	1.27	0.00	7.25	-229	105.0	
1118			0.3	21.62	1.28	0.00	7.24	-229	110.0	
~~1121~~			~~0.3~~							
~~1124~~			~~0.3~~							

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1100 Purge Stop: 1120

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: MW-70-PMW13B-010	Sample ID:	Type:
Sample Time: 1133	Sample Time:	Sample ID:
No. of Containers: 10	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/20/10

SSS109

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = .155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1008		150 ml/m	0	21.17	1.56	0.00	6.27	-93	222.0	
1011			0.3	21.24	1.19	0.00	6.27	-121	70.5	
1014			0.3	21.34	1.63	0.00	6.25	-137	139.0	
1017			0.3	21.49	1.61	0.00	6.25	-144	90.7	
1020			0.3	21.65	1.61	0.00	6.23	-150	97.0	
1023			0.3	21.72	1.58	0.00	6.24	-157	55.3	

Total Volume Purged: 1.5 (Liters) Total Purge Time: 16 min (Minutes)

OBSERVATIONS DURING PUMPING

Note: [illegible]

Purge Start: 1007 Purge Stop: 1023

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: IW-70-SSB109-A10	Sample ID:	Type:
Sample Time: 1030	Sample Time:	Sample ID:
No. of Containers: 9	No. of Containers:	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID# SSB119-P13

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 08/30/10

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Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1425		50 mL/m	0.0	24.36	0.689	0.00	6.74	-188	214.0	
1428			0.6	24.27	0.951	0.00	6.66	-256	299.0	
1431			0.6	24.43	0.931	0.00	6.65	-284	326.0	
1434			0.6	24.34	0.809	0.00	6.65	-303	242.0	
1437			0.6	24.59	0.873	0.00	6.64	-322	168.0	
1440			0.6	23.75	0.831	0.00	6.64	-329	82.3	
1443			0.6	23.70	0.848	0.00	6.65	-336	165.0	
1446			0.6	23.80	0.852	0.00	6.65	-338	140.0	

Total Volume Purged: 4.2 (Liters) Total Purge Time: 21 (Minutes)

OBSERVATIONS DURING PUMPING

(Note: Effluent cond)

Purge Start: 1425 Purge Stop: 1446

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: IW-70-SSB119-P13
Sample Time: 1455
No. of Containers: 8

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/20/10

PMW14A

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(mS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1055		25 mL/m	0	22.35	0.695	0.00	7.50	-327	0.0	
1058			0.3	22.56	0.696	0.00	7.25	-304	0.0	
1101			0.3	22.32	0.694	0.00	7.24	-272	0.0	
1104			0.3	22.70	0.688	0.00	7.25	-268	0.8	
1107			0.3	24.30	0.679	0.00	7.24	-258	0.1	
1110			0.3	24.54	0.676	0.00	7.24	-257	0.4	
1113			0.3	24.51	0.685	0.00	7.24	-255	1.9	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 45 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1055 Purge Stop: 1140

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-PMW14A-A10
Sample Time: 1140
No. of Containers: 31
(PLUS MS/MSD)

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/23/10

PMW 14B & PMW14B-Dupe

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(uS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1411		50mL/m	Ø	—	—	—	—	—	—	P. START
1414			0.6	23.34	1.20	0.00	7.46	-325	0.0	
1417			0.6	23.24	1.19	0.00	7.14	-353	0.0	
1420			0.6	23.13	1.19	0.00	7.01	-355	4.0	
1423			0.6	23.12	1.18	0.00	7.00	-322	20.7	
1426			0.6	22.86	1.17	0.00	7.01	-288	92.4	
1429			0.6	22.98	1.16	0.00	7.00	-270	153.0	
1432			0.6	22.87	1.15	0.00	7.00	-260	312.0	
~~1435~~										

Total Volume Purged: 4.2 (Liters) Total Purge Time: 21 min. (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1411 Purge Stop: 1432

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: MW-70-PMW14B-A10	Sample ID: MW-70-PMW14B-A10-D	Type:
Sample Time: 1448	Sample Time: 1453	Sample ID:
No. of Containers: 10+1	No. of Containers: 10+1	Sample Time:
		No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 MNA15
Site Engineers: B. Gober / C. Brogdon
Date: 9/23/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0853		50 mL/m	0	—	—	—	~~6.89~~	—	—	P. START
0856			0.6	21.31	1.28	0.00	6.90	-117	0.0	
0859			0.6	21.35	1.30	0.00	6.97	-113	0.0	
0902			0.6	21.39	1.30	0.00	7.03	-114	0.0	
0905			0.6	21.40	1.30	0.00	7.04	-115	2.7	
0908			0.6	21.49	1.29	0.00	7.06	-119	15.4	
0911			0.6	21.49	1.29	0.00	7.07	-121	22.2	
0914			0.6	21.50	1.29	0.00	7.08	-123	28.5	
~~0917~~										

Total Volume Purged: 4.2 (Liters) Total Purge Time: 21 minutes (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0853 Purge Stop: 0914

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA15-A10
Sample Time: 0920
No. of Containers: 6+1

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

SHIPPED WITH SAMPLES FROM 9/22/10

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/23/10

MNA16

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1037		75 mL/m	Ø	—	—	—	—	—	—	PSTART
1042			1.5	21.70	0.859	0.00	7.19	-246	7.3	
1045			0.9	21.83	0.869	0.00	7.17	-236	9.3	
1048			0.9	21.84	0.873	0.00	7.16	-225	12.1	
1051			0.9	21.96	0.877	0.00	7.16	-212	14.8	
1053			0.2	21.93	0.878	0.00	7.16	-211	15.0	

Total Volume Purged: 4.4 (Liters) Total Purge Time: 16 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1037 Purge Stop: 1053

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA16-A10
Sample Time: 1058
No. of Containers: 6 + 1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/23/10

MNA17

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

☐ Bailer - Type:
☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1315		75 mL/m	0	23.16	1.94	0.52	7.18	-208	25.2	
1318			0.9	22.58	1.98	0.00	7.15	-240	18.9	
1321			0.9	22.55	2.04	0.00	7.13	-227	0.0	
1324			0.9	22.59	2.10	0.00	7.12	-217	0.0	
1327			0.9	22.60	2.11	0.00	7.11	-216	19.8	
1330			0.9	22.59	2.14	0.00	7.11	-216	26.7	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1315 Purge Stop: 1330

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-MNA17-010
Sample Time: 1335
No. of Containers: 6 + 1

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

MW-70-14

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/28/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0808		50mL/m		—	—	—	—	—	—	P. START
0810			0.4	22.58	0.195	1.33	6.90	-93	38.9	
0813			0.6	22.41	0.238	1.14	6.76	-75	41.6	
0816			0.6	22.47	0.249	0.77	6.79	-72	66.8	
0819			0.6	22.49	0.251	0.53	6.83	-74	84.1	
0822			0.6	22.44	0.253	0.03	6.87	-77	104.0	
0825			0.6	22.44	0.254	0.00	6.90	-79	126.0	
0828			0.6	22.50	0.254	0.00	6.93	-81	145.0	

Total Volume Purged: 4.0 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0808 Purge Stop: 0828

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-14-A10
Sample Time: 0831
No. of Containers: 3

Duplicate
Sample ID: MW-70-14-A10-D
Sample Time: 0835
No. of Containers: 3

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 MW-70-15
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1119		75 mL/m	Ø	—	—	—	—	—	—	P. STRONG
1122			0.9	21.90	2.73	2.45	7.73	-88	0.0	
1125			0.9	21.83	2.71	2.07	7.72	-90	0.0	
1128			0.9	21.82	2.78	0.00	7.07	-85	0.0	
1131			0.9	21.87	2.80	0.00	7.03	-88	0.00	
1134			0.9	21.92	2.81	0.00	7.02	-90	0.0	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 16 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1118 Purge Stop: 1135

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-15-A10
Sample Time: 1141
No. of Containers: 6

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

MW-70-438-A10

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/22/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = .155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1216		250 mL/m	Ø	22.81	0.664	2.94	7.58	-158	63.2	
1219			0.3	21.98	0.323	0.00	9.22	-218	146.0	
1222			0.3	22.00	0.311	0.00	8.92	-227	165.0	
1225			0.3	22.02	0.298	0.00	8.78	-239	124.0	
1228			0.3	21.93	0.296	0.00	8.69	-240	103.0	
1231			0.3	21.99	0.294	0.00	8.59	-240	77.2	
1234			0.3	22.33	0.292	0.00	8.48	-239	76.0	
1237			0.3	22.28	0.292	0.00	8.46	-238	78.0	

Total Volume Purged: 2.1 (Liters) Total Purge Time: 22 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1215 Purge Stop: 1237

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original	*Duplicate*	*Other (Blank/Trip/Field/Rinsate)*
Sample ID: MW-70-438-A10	Sample ID:	Type:
Sample Time: 1245	Sample Time:	Sample ID:
No. of Containers: 3	No. of Containers:	Sample Time:
		No. of Containers:

POINT OF COMPLIANCE – UPPER FINES

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-02-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. ESPINOZA
Date: 09/14/10

INSIGHT
formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = 155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:

[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0850		25mL/m	0	22.32	0.328	~~0.42~~ 0.43	6.42	93	0.0	* ODOR
0853			0.3	22.57	0.301	0.44	6.54	91	0.0	* ODOR
0856			0.3	22.78	0.289	0.00	6.58	83	0.4	
0859			0.3	22.91	0.286	0.00	6.59	79	5.4	
0902			0.3	22.93	0.285	0.00	6.60	74	16.1	
0905			0.3	22.84	0.288	0.00	6.61	70	19.4	
0908			0.3	22.78	0.290	0.00	6.61	67	29.5	COULD NOT STABILIZE TURBIDITY

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* OUT OF RANGE

Purge Start: 0850 Purge Stop: 0910

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW-70-02-A10	Sample ID:		Type:	
Sample Time:	0915	Sample Time:		Sample ID:	
No. of Containers:	3	No. of Containers:		Sample Time:	
				No. of Containers:	

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-10-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. Espinoza.
Date: 09/14/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1130		25 mL/m	0	24.33	1.28	0.81	7.16	-67	7.4	
1133			0.3	23.93	0.707	0.08	7.18	-50	27.8	
1136			0.3	23.32	0.599	0.00	7.19	-47	58.1	
1139			0.3	23.35	0.532	0.00	7.18	-47	53.2	
1142			0.3	23.29	0.511	0.00	7.16	-45	88.7	
1145			0.3	23.32	0.505	0.00	7.14	-45	94.0	
1148			0.3	23.32	0.502	0.00	7.14	-44	103.0	*

Total Volume Purged: 1.8 (Liters) Total Purge Time: 22 (Minutes)

OBSERVATIONS DURING PUMPING

* COULD NOT STABILIZE TURBIDITY

Purge Start: 1130 Purge Stop: 1152

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-10-A-10
Sample Time: 1158
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-17-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. ESPINOZA
Date: 09/14/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)		h - Length of discharge tubing	
Depth to Sediment (ft.)		D - diameter of discharge tubing (inches)	0.375
Water Column Height (ft.)		TV - Volume of tubing (mL)	
Casing Diameter (ft.)	0.25	[TV (mL) = .155*D²h]	
		BV - Bladder volume (mL)	300
		Sampling system volume (mL) [SSV = TV + BV]	

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1000		25mL/m	0	22.12	0.806	0.83 ~~0.78~~	6.78	-108	0.0	
1003			0.3	22.25	0.809	0.65	6.79	-112	0.1	
1006			0.3	22.59	0.805	0.39	6.77	-114	5.7	
1009			0.3	22.57	0.806	0.00	6.77	-122	22.9	
1012			0.3	22.33	0.808	0.00	6.77	-130	38.7	
1015			0.3	22.15	0.806	0.00	6.78	-137	73.3	
1018			0.3	22.13	0.805	0.00	6.78	138	79.1	*

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* COULD NOT STABILIZE

Purge Start: 1000 Purge Stop: 1020

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original		*Duplicate*		*Other (Blank/Trip/Field/Rinsate)*	
Sample ID:	MW-70-17-A10	Sample ID:		Type:	
Sample Time:	1025	Sample Time:		Sample ID:	
No. of Containers:	3	No. of Containers:		Sample Time:	
				No. of Containers:	

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-22-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. ESPINOZA
Date: 09/14/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1035		25mL/m	0	21.93	5.43	1.00	7.12	-62	13.2	
1038			0.3	22.13	5.44	.67	7.13	-67	10.4	
1041			0.3	22.20	5.47	0.00	7.12	-73	12.5	
1044			0.3	22.20	5.55	0.00	7.13	-76	17.9	
1047			0.3	22.22	5.59	0.00	7.14	-80	18.7	
1050			0.3	22.19	5.53	0.00	7.15	-81	19.9	
1053			0.3	22.17	5.52	0.00	7.15	-81	20.8	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 21 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1035 Purge Stop: 1056

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-22-A10
Sample Time: 1100
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

POINT OF COMPLIANCE – FIRST SAND

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-POC01-A-10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/17/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0840		25mL/m	0	20.67	78.2	1.85	6.86	-160	0.0	* OOR
0843			0.3	20.59	77.2	1.15	6.92	-173	0.0	* OOR
0846			0.3	21.37	0.143	0.00	7.17	-174	0.0	
0849			0.3	21.35	0.146	0.00	7.20	-170	0.0	* OOR
0852			0.3	21.49	0.147	0.00	7.23	-167	0.0	* OOR
0855			0.3	21.39	0.148	0.00	7.25	-165	0.0	* OOR
0858			0.3	21.40	0.147	0.00	7.28	-164	0.0	* OOR

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* OUT OF RANGE

Purge Start: 0840 Purge Stop: 0900

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: mw-70-POC07-A10
Sample Time: 0910
No. of Containers: 3

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach 11
Project Number: 04-14114 MW70-~~11~~-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon / A. ESPINOZA
Date: 09/14/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____ ☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1210		25mL/m	0	22.81	0.242	0.69	7.35	-128	102.0	
1213			0.3	22.47	0.238	0.11	7.34	-121	107.0	
1216			0.3	22.36	0.235	0.00	7.33	-115	145.0	
1219			0.3	22.37	0.232	0.00	7.32	-114	82.5	
1222			0.3	22.39	0.230	0.00	7.32	-115	82.0	
1225			0.3	22.41	0.228	0.00	7.33	-117	88.0	
1228			0.3	22.97	0.228	0.00	7.34	-118	93.7	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 22 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1210 Purge Stop: 1232

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 8

WELL SAMPLING

Original
Sample ID: MW-70-~~11~~-A10
Sample Time: 1236
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 MW-70-35-1410
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/17/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.)
Depth to Sediment (ft.)
Water Column Height (ft.)
Casing Diameter (ft.) 0.25

h - Length of discharge tubing
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL)
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV]

PURGE METHOD

[ ] Bailer - Type:
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0930		25mL/m	0	20.84	1.24	0.00	6.97	-89	0.0	* OOR
0933			0.3	20.84	1.25	0.00	6.94	-85	0.0	* OOR
0936			0.3	20.92	1.26	0.00	6.92	-82	0.0	* OOR
0939			0.3	20.93	1.26	0.00	6.92	-84	0.0	
0942			0.3	20.67	1.23	0.00	6.93	-85	0.0	
0945			0.3	20.80	1.22	0.00	6.93	-86	0.0	
0948			0.3	20.81	1.22	0.00	6.93	-87	0.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

* OUT OF RANGE

Purge Start: 0930 Purge Stop: 0950

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-35-1410
Sample Time: 1000
No. of Containers: 3

Duplicate
Sample ID:
Sample Time:
No. of Containers:

Other (Blank/Trip/Field/Rinsate)
Type:
Sample ID:
Sample Time:
No. of Containers:

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-16-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/17/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1130		25mL/m	0	20.43	0.514	3.75	7.37	-36	11.6	
1133			0.3	20.91	0.473	3.78	7.43	-26	12.5	
1136			0.3	20.83	0.471	3.76	7.43	-19	10.9	
1139			0.3	20.72	0.469	3.75	7.43	-15	10.5	
1142			0.3	20.39	0.468	3.74	7.42	-10	10.2	
1145			0.3	20.45	0.468	3.71	7.42	-10	9.7	
1148			0.3	20.59	0.467	3.58	7.42	-8	9.4	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1130 Purge Stop: 1150

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: mw-70-16-A10
Sample Time: 1210
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

POINT OF COMPLIANCE – SHELL HORIZON

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114 mw-70-23-A10
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/17/10

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = $.155*D^2h$]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1030		25 mL/m	0	20.94	0.370	2.46	7.44	-71	0.0	★ OOR
1033			0.3	20.85	0.342	1.01	7.45	-70	0.0	
1036			0.3	20.47	0.341	0.58	7.43	-70	0.0	
1039			0.3	20.45	0.338	0.00	7.42	-74	0.0	
1042			0.3	20.44	0.336	0.00	7.41	-80	2.1	
1045			0.3	20.45	0.334	0.00	7.40	-85	2.7	
1048			0.3	20.50	0.333	0.00	7.40	-91	34	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 20 (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1030 Purge Stop: 1050

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: mw-70-23-A10
Sample Time: 1100
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

POINT OF COMPLIANCE – SECOND SAND

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

MW-70-21

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PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

☐ Bailer - Type: _____
☒ Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0728		75 mL/m	Ø	18.52	2.55	4.95	6.16	68	0.0	
0731			0.9	19.11	2.62	0.31	6.75	35	0.0	
0734			0.9	19.12	2.63	0.07	6.76	28	0.0	
0737			0.9	19.15	2.65	0.00	6.78	-4	0.0	
0740			0.9	19.14	2.67	0.00	6.80	-19	0.0	
0743			0.9	19.19	2.69	0.00	6.83	-32	0.0	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0728 Purge Stop: 0743

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-21-A10
Sample Time: 0747
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

MW-70-36

INSIGHT
Environmental Science & Technology
formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1149		75 ml/m	~~0~~	22.74	1.83	1.04	7.17	-190	0.0	
1152			0.9	22.15	1.87	0.00	7.21	-188	0.0	
1155			0.9	22.16	1.88	0.00	7.20	-172	0.0	
1158			0.9	22.20	1.89	0.00	7.19	-163	2.0	
1201			0.9	22.20	1.89	0.00	7.19	-159	1.1	
1204			0.9	22.15	1.89	0.00	7.19	-155	1.8	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 16 min. (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1148 Purge Stop: 1205

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-36-A10
Sample Time: 1210
No. of Containers: ~~4~~ 3

Duplicate
Sample ID: MW-70-36-A10-D
Sample Time: 1214
No. of Containers: 3

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

~~2~~ 1000 gal in tank

POINT OF COMPLIANCE – DEEP SAND

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 POC 02
Site Engineers: B. Gober / C. Brogdon
Date: 9/27/10

INSIGHT
formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = 155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
1012		25 mL/m	0	—	—	—	—	—	—	P. START
1015			0.3	27.00	0.152	2.70	7.74	-221	7.9	
1018			0.3	26.82	0.122	0.27	7.76	-247	1.8	
1021			0.3	27.14	0.115	0.00	7.68	-254	0.0	
1024			0.3	28.13	0.111	0.00	7.60	-260	0.0	
1027			0.3	28.23	0.111	0.00	7.59	-260	0.0	
1030			0.3	28.28	0.110	0.00	7.59	-260	0.0	
1033			0.3	28.30	0.108	0.00	7.58	-259	0.0	
1036			0.3	28.30	0.108	0.00	7.58	-259	0.0	

Total Volume Purged: 1.8 (Liters) Total Purge Time: 25 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 1011 Purge Stop: 1036

Pump Controller Settings

25 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-POC02-A10
Sample Time: 1040
No. of Containers: 3

Duplicate
Sample ID: MW-70-POC02-A10-D
Sample Time: 1044
No. of Containers: 3

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107 POC 03
Site Engineers: B. Gober / C. Brogdon
Date: 9/27/10

INSIGHT formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = $155 \cdot D^2 h$]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0928		50 mL/m	0	23.97	0.705	250	6.81	-11	5.7	
0931			0.6	23.99	0.693	1.32	7.21	-132	0.5	
0941			2.0	24.29	0.948	0.00	7.03	-142	0.0	
0944			0.6	24.27	0.995	0.00	7.02	-134	0.2	
0948			0.8	22.20	1.18	0.00	7.03	-125	1.6	

Total Volume Purged: 4.0 (Liters) Total Purge Time: 20 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0928 Purge Stop: 0948

Pump Controller Settings

50 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-POC03-A10
Sample Time: 0952
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

GROUNDWATER COLLECTION AND SAMPLING LOG
MONITORING WELL ID#

Project Name: IRP Site 70, NWS Seal Beach
Project Number: 04-14114
Navy Contract No: N68711-04D-1107
Site Engineers: B. Gober / C. Brogdon
Date: 9/24/10

POC 04

INSIGHT formerly GEOFON
22632 Golden Springs Dr., Suite 270
Diamond Bar, CA. 91765
Telephone: (909) 396-7662
Fax: (909) 396-1455

PURGE VOLUME CALCULATION (casing volume)

Depth to Water (ft.) _____
Depth to Sediment (ft.) _____
Water Column Height (ft.) _____
Casing Diameter (ft.) 0.25

h - Length of discharge tubing _____
D - diameter of discharge tubing (inches) 0.375
TV - Volume of tubing (mL) _____
[TV (mL) = .155*D²h]
BV - Bladder volume (mL) 300
Sampling system volume (mL) [SSV = TV + BV] _____

PURGE METHOD

[ ] Bailer - Type: _____
[X] Pump - Type: QED Dedicated Bladder Pump

FIELD PARAMETER MEASUREMENTS

Time	Depth to Water (ft.)	Flow Rate (mL/min)	Purge Volume (Liters)	Temp (°C)	Conductivity ~~(µS/cm)~~ (S/m)	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (Well cond, Color, Clarity Odor)
0820		75 mL/m	Ø	—	—	—	—	—	—	P. START
0823			0.9	21.02	3.78	0.00	6.60	-221	00N	
0826			0.9	21.09	3.77	0.00	6.61	-211	0.0	
0829			0.9	21.15	3.67	0.00	6.55	-205	10.4	
0832			0.9	21.17	3.60	0.00	6.54	-203	13.7	
0835			0.9	21.17	3.60	0.00	6.54	-196	18.8	

Total Volume Purged: 4.5 (Liters) Total Purge Time: 15 min (Minutes)

OBSERVATIONS DURING PUMPING

Purge Start: 0820 Purge Stop: 0835

Pump Controller Settings

75 mL Discharge @ 4 cycles per minute (CPM) refill time (sec) 10 discharge time (sec) 5

WELL SAMPLING

Original
Sample ID: MW-70-POC04-A10
Sample Time: 0835
No. of Containers: 3

Duplicate
Sample ID: _____
Sample Time: _____
No. of Containers: _____

Other (Blank/Trip/Field/Rinsate)
Type: _____
Sample ID: _____
Sample Time: _____
No. of Containers: _____

APPENDIX B

CHAIN OF CUSTODY DOCUMENTATION

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@ECC.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ECC, INC
ADDRESS: 3010 E. MIRALOMA AVE, ANAHEIM, CA 92806
EMAX PM: Yu Mint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (5210B)	DISS. GASES (RSK 175)	ANIONS/TDS/ALK/VFA (300.0 2540C, 2320B, 8260M)	TOC (5310B)	DISS H_2S (4500S2 F)	DISS METAL (6010B)			COMMENTS
										PRESERVATIVE CODE								
										HC	HC	NP	HC	NP	HN			
1	IW-70-SB3217-A10	IR 70	9/23/12	1024	6	40 ml	VOA	GW	III	X	X							
2	MW-70-MNA16-A10	↓	↓	1058	6	40 ml	VOA	GW	III	X	X							
3	MW-70-PMW14B-A10	↓	↓	1416	10	amber	amber	GW	III	X	X	X	X	X	X			
4	MW-70-PMW14B-A10->	IR 70	9/23/12	1418	10	amber	amber	GW	III	X	X	X	X	X	X			DUPLICATE
5	TB-09/23/12	IR 70	9/23/12	1700	2	40 ml	VOA	GW	III	X								TRIP BLANK
6	MW-70-21-A10	IR 70	9/24/12	0747	3	40 ml	VOA	GW	III	X								
7	MW-70-PUC04-A10	IR 70	9/24/12	0835	3	↓	↓	GW	III	X								
8	MW-70-MNA13-A10	↓	↓	1108	6	↓	↓	GW	III	X	X							
9	MW-70-15-A10	↓	↓	1141	6	↓	↓	GW	III	X	X							
10	MW-70-36-A10	IR 70	9/24/12	1210	3	40 ml	VOA	GW	III	X								VOC's only

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/24/12	1522	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

2 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.

1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. *

PROJECT CODE: 4-14114

CLIENT INSIGHT GEO, INC.

PROJECT MWS SOIL PROH IN SITU ZO

COORDINATOR NICK WHANGER

TEL 714 672 1700 FAX 714 638 6311 EMAIL NWHANGER@IGI-CT.COM

SEND REPORT TO NICK WHANGER

COMPANY INSIGHT GEO INC

ADDRESS 3010 E. MIRALOMA AVE.
ANAHEIM CA 92806

EMAX PM Yo Hunt

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DSS 6010 (PSH 17-5); ANIONS FOR AIRTVFA (300.0, 2-HOC 22303 300.0); TOC (5310B); DSS H2S (6850A); DSS METAL (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HC	HC	NO	HC	NA	HN			COMMENTS
1	MW-70-POC03-A10	IN 70	9/27/10	0952	3	40ml	VOA	GW	III	X								
2	MW-70-POC02-A10	IN 70	↓	1040	3	↓	↓	GW	III	X								
3	MW-70-POC02-A10-D	IN 70	↓	1041	3	↓	↓	GW	III	X								DUPLICATE
4	TB-9/27/10	IN 70	9/27/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
5	MW-70-14-A10	IN 70	9/28/10	0831	3		↓	GW	III	X								
6	MW-70-14-A10-D	IN 70	9/28/10	0835	3	↓	↓	GW	III	X								DUPLICATE
7	MW-70-45A-A10	IN 70	9/28/10	0923	3	40ml	VOA	GW	III	X								
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER CHRIS TORGSON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/28/10	1010	Kevin Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. *

PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC INC
PROJECT: NWS SEAL BEACH TR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@ECCI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ECC INC
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: Ye Mint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B), PISS. GASES (RSK 175), VFAs (300.0M), TOC (5310B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	PISS. GASES (RSK 175) HC	VFAs (300.0M) HP	TOC (5310B) HC	COMMENTS
1	IN-70-SAT 50-P13	IN 70	9/28/10	1427	8	40ml	VOA	GW	III	X	X	X	X	
2	IN-70-SAT 35-P13	IN 70	9/29/10	0837	8	↓	↓	GW	III	X	X	X	X	
3	IN-70-SAT 36-P13	IN 70	9/29/10	0909	8	↓	↓	GW	III	X	X	X	X	EFFERVESCENT WELL
4	IN-70-SAT 46-P13	IN 70	9/29/10	0942	8	↓	↓	GW	III	X	X	X	X	
5	IN-70-SAT 31-P13	IN 70	9/29/10	1015	8	↓	↓	GW	III	X	X	X	X	EFFERVESCENT WELL
6	IN-70-SAT 16-P13	IN 70	9/29/10	1313	8	↓	↓	↓	↓	X	X	X	X	
7	IN-70-SAT 16-P13-D	IN 70	9/29/10	1317	8	↓	↓	↓	↓	X	X	X	X	DUPLICATE
8	IN-70-SAT 45-P13	IN 70	9/29/10	1351	8	40ml	VOA	GW	III	X	X	X	X	EFFERVESCENT WELL
9	IN-70-SAT 03-P13	IN 70	9/30/10	0248	8	40ml	VOA	GW	III	X	X	X	X	
10	TB-09/28/10	IN 70	9/28/10	0700	2	40ml	VOA	GW	III	X				TRIP BLANK

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BOGGON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/30/10	1012	Kurt Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WINTERBERGER
TEL: 714 678 6700 FAX: 714 678 6711 EMAIL: NWINTERBERGER@ECCI.COM
SEND REPORT TO: NICK WINTERBERGER
COMPANY: INSIGHT ECC INC
ADDRESS: 3010 E. MIRALOMA AVE ANAHEIM CA 92806
EMAX PM: Yo Mijat

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS GASSES (RSK 175)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HC	DISS GASSES	COMMENTS
1	MW-70-36-A10-D	IR 70	9/24/10	1214	3	40ml	VOA	GW	III	X		DUPLICATE
2												
3												
4	MW-70-MNA17-A10	IR 70	9/23/10	1335	6	40ml	VOA	GW	III	X	X	
5												
6												
7												
8												
9												
0												

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHRIS BURTON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/24/10	1522	Keith Stant

NOTICE: Turn around time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

5 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: NWS SERL BANCH INC SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714 [illegible] FAX: 714 [illegible] EMAIL: NWEINBERGER@IGEOC.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 E. MIRALOMA AVE, ANAHEIM, CA 92806
EMAX PM: [illegible]

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK175); ALKALINITY/TDS/MERCURY/LEAD (300.0, 2320B, 7470A); TPH (8015B); DISS. H2S (4500S); DISS. METAL (6010B)

TAT:
- ☐ Rush ____ hrs.
- ☐ Rush ____ days
- ☐ 7 days
- ☒ 14 days
- ☐ 21 days
- ☐ 30 days
- ☐ ____ days
- ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	DISS. GASES (RSK175) HC	ALKALINITY/TDS/MERCURY/LEAD (300.0, 2320B, 7470A) NP	TPH (8015B) HC	DISS. H2S (4500S) NP	DISS. METAL (6010B) HN			COMMENTS
1	MW-70-MNA01-A10	IN 70	9/22/10	0844	6	40ml	VOA	GW	III	X	X							
2	MW-70-MNA10-A10	↓		0942	6	↓	↓	GW	III	X	X							
3	MW-70-MNA12-A10	↓	↓	1056	6	↓	↓	GW	III	X	X							
4	MW-70-43B-A10	↓	↓	1245	3	↓	↓	GW	III	X								
5	MW-70-MNA14-A10	IN 70	9/22/10	1341	6	↓	↓	GW	III	X	X							
6	TB-09/22/10	IN 70	9/22/10	0700	2	↓	↓	GW	III	X								TRIP BLANK
7	MW-70-MNA11-A10	IN 70	9/22/10	0920	6	40ml	VOA	GW	III	X	X							
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BRADDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/22/10	1005	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

6 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC INC
PROJECT: MWS SCAL BENCH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714 636 6700 FAX: 714 636 6711 EMAIL: NWEINBERGER@
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ECC, INC
ADDRESS: 3010 E MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: YC HUNT

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B)	DISS GASES (RSK 175)	ALKALINITY, TDS, NH4, NO2, NO3, PO4, 25°C, 2320B, 350.1, 9040	TOC (5310B)	DISS. H_2S (15030)	DISSMETALS (6010B)			COMMENTS
										HC	HC	NP	HC	NaOH	HN			
1	IN-70-SS3B10-A10	IR 70	9/20/10	1030	8	VOAs	VOAs	GW	III	X	X	X	X					
2	MW-70-PMWMA-A10	IR 70	9/20/10	1140	30	VOAs	VOAs	GW	III	X	X	X	X	X	X			MS/MSD
3	~~MW-70-PMWMA-B10~~																	
4	~~MW-70-PMWMA-A10D~~																	~~DUPLICATE~~
5																		
6																		
7																		
8																		
9																		
10	TB-09/20/10	IR 70	9/20/10	0700	2	VOAs	VOA	GW	III	X								TRIP BLANK

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: B. GOBER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
B. Gober / ICF	9/21/10	1023	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

7 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
*Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEC, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (714) 678-6720 FAX: (714) 678-6711 EMAIL: NWEINBERGER@IGEC1.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEC, INC
ADDRESS: 3010 S MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DGS, GASES (RSK 175); ANIONS/FDX/ALK/VFA (300.0, 353.2, 2320B, 300.0M); TDC (5310B); DISS H2S (4500 S2 D); DISS METAL (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HC	HP	HC	HP	HN			COMMENTS
1	IW-70-SHS113-A10	IR 70	9/15/10	1041	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					
2	MW-70-MW119-A10		9/15/10	1150	30	VARIOUS	VARIOUS			X	X	X	X	X	X			MS/MSD
3	MW-70-MW111-A10		9/15/10	1235	10	VARIOUS	VARIOUS			X	X	X	X	X	X			
4	MW-70-MW110-A10-D		9/15/10	1240	10	VARIOUS	VARIOUS			X	X	X	X	X	X			DUPLICATE
5	MW-70-MW104-A10		9/16/10	1055	10	VARIOUS	VARIOUS			X	X	X	X	X	X			
6	MW-70-MW120-A10-D		9/16/10	1052	10	VARIOUS	VARIOUS			X	X	X	X	X	X			DUPLICATE
7	MW-70-MW112-A10		9/16/10	1045	10	VARIOUS	VARIOUS			X	X	X	X	X	X			
8	KDC-5-A10		9/16/10	1330	6	40mL	VOA			X	X							
9	MW-70-MW107-A10		9/16/10	1405	6	40mL	VOA			X	X							
10	MW-70-MW108-A10		9/16/10	1445	6	40mL	VOA			X	X							
Instructions	TB - 9/15/10		9/15/10	0700	2	40mL	VOA			X	TBIP					Cooler #	Temp. (°C)	Sample #s

SAMPLER: B. Gh

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible] / IGEC	9/16/10	1415	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

8 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.

1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-141141

CLIENT: INSIGHT CCC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-677-6200 FAX: 714-638-1211 EMAIL: NWEINBERGER@TECT.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT CCC INC
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: J/C MINT

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (8260B) PRES. HC	DISS. GASES (RSK 175) PRES. HC	ALK/VFA (EPA 310.1/SM 2320B) PRES. NP	TOC (5310B) PRES. HC	DISS. H_2S (4500E) PRES. NP	DISS METALS (6010B) PRES. HN			COMMENTS
1	MW-70-28-H10	IR 70	9/13/10	0937	8	VARIOUS	VARIOUS	GW		X	X	X	X					
2	MW-70-27-H10		9/13/10	1010	8	VARIOUS	VARIOUS			X	X	X	X					
3	MW-70-MNA07-H10		9/13/10	1135	6	40mL	VOA			X	X							
4	MW-70-12-H10		9/14/10	0915	3	40mL	VOA			X								
5	MW-70-17-H10		9/14/10	1025	3	40mL	VOA			X								
6	MW-70-22-H10		9/14/10	1100	3	40mL	VOA			X								
7	MW-70-10-H10		9/14/10	1156	3	40mL	VOA			X								
8	MW-70-11-H10		9/14/10	1256	3	40mL	VOA			X								
9																		
0	TB 9/13/10		9/13/10	0700	2	40mL	VOA			X								

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: B. GREER

RELINQUISHED BY	Date	Time	COURIER/AIRBILL	RECEIVED BY	Date	Time
[signature] / EFEX	9/14	1515		Keith Stout	9/14/10	1515

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

9/1/17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: NWS SOIL BORING IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: [illegible] FAX: (214) 678-6211 EMAIL: [illegible]
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 ELDORADO AVE.
DENVER CA 97826
EMAX PM: [illegible]

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOC's (8260B); DISS. GASES (RSK 175); ANIONS/TDS/NH3/UFA (300.0, 2540C, 350.1); TOC (5310B); DISS. H_2S (4500F); DISS METALS (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (8260B) HC	DISS. GASES (RSK 175) HC	ANIONS/TDS/NH3/UFA HC	TOC (5310B) HC	DISS. H_2S (4500F) NP	DISS METALS (6010B) HN			COMMENTS
1	MW-70-MNA02-A10	IR 70	9/10/10	0940	18	40mL	VOA	GW	III	X	X							MS/MSD
2	MW-70-MNA04-A10	↓	9/10/10	1049	6	↓	↓	↓	↓	X	X							
3	MW-70-MNA05-A10	↓	9/10/10	1126	6	↓	↓	↓	↓	X	X							
4	MW-70-MNA06-A10	↓	9/10/10	1302	6	↓	↓	↓	↓	X	X							
5	MW-70-MNA06-A10-D	IR 70	9/10/10	1307	6	40mL	VOA	GW	III	X	X							DUPLICATE
6	MW-70-MNA11-A10	IR 70	9/10/10	[illegible]	6	40mL	VOA	GW	III	X	X							
7																		
8																		
9																		
0	TB-9/10/10	IR 70	9/10/10		2	40mL	VOA	GW	III	X								

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGDON / ANDREW WELLS.
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/10/10	1442	Keith Start

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 41-14114

CLIENT: INSIGHT GEO. INC
PROJECT: NWS SEAL BEACH EA SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.736.6700 FAX: 714.736.1311 EMAIL: NWEINBERGER@IGEO1.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO. INC
ADDRESS: 2010 S. MARIPOSA AVE.
ANAHEIM, CA 92804
EMAX PM: K. MIRT

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); ANION'S/TDS/ALKALN/VCA 300.0, 2540C, 2320B, 300.0M; TOC (5310B); DISS. HYDROCARBON SPECTRA (8015M); DISS. METALS (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	DISS. GASES HC	ANION'S/TDS NP	ALKALN HC	NP	DISS. METALS HN	COMMENTS
1	MW-70-PMW11A-A10	IN 70	9/9/10	0915	10	[illegible]	[illegible]	GW	TII	X	X	X	X	X	X	
2	MW-70-PMW11B-A10	↓	↓	0951	10	↓	↓	↓	↓	X	X	X	X	X	X	
3	MW-70-PMW13A-A10	↓	↓	1049	10	↓	↓	↓	↓	X	X	X	X	X	X	
4	MW-70-PMW13B-A10	IN 70	9/9/10	1133	10	[illegible]	[illegible]	GW	TII	X	X	X	X	X	X	
5	~~MW-70-SHB1H3-A10~~	~~IN 70~~	~~9/9/10~~		8	[illegible]	[illegible]	GW	TII	X	X	X	X			WELL NOT SAMPLED DISCREPANCY
6																
7	TB-9/9/10	IN 70	9/9/10	0700	2	VOA	VOA	GL	TII	X						TRIP BLANK
8																
9																
0																

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BRADDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/10/10	1447	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

11/8/17

EMAX LABORATORIES, INC.

1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. *

PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC

PROJECT: NWS SEAL BEACH IR SITE 70

COORDINATOR: NICK WEINBERGER

TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@INSIGHT.COM

SEND REPORT TO: NICK WEINBERGER

COMPANY: INSIGHT GEO INC

ADDRESS: 3010 E MIRALOMA AVE. ANAHEIM, CA 92806

EMAX PM: L/o Mount

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (8260B) HC	DISS. CHROM. (8246 175) HC	NITRATE/NITRITE/AMMONIA/VFA (300, 353.2, 350.1, 300.0) HC	TDS (5310B) HC	DISS. Hydrogen Sulfide (4500) HC	DISS METALS (6010B) HN			COMMENTS
1	MW-70-PMW05A-A10	IN 70	9/8/10	0900	10	VARIES	VARIES	GW	III	X	X	X	X	X	X			
2	MW-70-PMW05B-A10			0930	10			GW	III	X	X	X	X	X	X			
3	IW-70-SSB108-A10			1032	8			GW	III	X	X	X	X					ESTIMATED WELL
4	IW-70-FSB118-A10			1134	8			GW	III	X	X	X	X					
5	MW-70-MNA03-A10	IN 70		1325	6	40ml	VOA	GW	III	X	X							
6	TB-9/8/10	IN 70	9/8/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
7																		
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHAD BROWN

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/8/10	1517	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

12 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 41-14114

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.678-6700 FAX: 714.678-6711 EMAIL: NWEINBERGER@IGGI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC.
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: [illegible]

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	DRO/GRO (TSK 175) HC	NO3/NO2/TDS/ALK/VEA 300.0, 2540C, 9056, 310.1 HP	TOC (5310B) HC	PH/S (KROM) HP	PESTICIDES (8081B) HN			COMMENTS
1	MW-70-PMW04A-A10	IN 70	9/7/10	1035	10	VARIOUS	VARIOUS	GW	TIL	X	X	X	X	X	X			
2	MW-70-PMW04B-A10			1150	30					X	X	X	X	X	X			MS/MSD
~~3~~	~~MW-70 PMW05A A10~~				~~12~~					~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			~~WELL NOT SAMPLED DISPLEASED~~
~~4~~	~~MW-70 PMW05B A10~~	~~IN 70~~	~~9/7/10~~		~~10~~	~~VARIOUS~~	~~VARIOUS~~	~~GW~~	~~TIL~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			~~WELL NOT SAMPLED DISPLEASED~~
5	TB-9/7/10	IN 70	9/7/10	0700	2	40 ml	VOA	GW	TIL	X								TRIP BLANK.
6																		
7																		
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BRADDON / B. GOBO
COURIER/AIRBILL: Courier

RELINQUISHED BY	Date	Time	RECEIVED BY		
[signature]	9/7/10	1035	[signature]	9/7/10	1035

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT EEC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6200 FAX: 714-678-6711 EMAIL: NWEINBERGER@IEEI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT EEC INC
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: YC MYINT

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); ANIONS/TDS/ALKALINITY/TKN (300.0, 2540C, 2320B, 350.1); TOC (5310B); DISS. HYDROGEN SULFIDE (4500 F); DISS. METALS (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	DISS. GASES (RSK 175) HC	ANIONS/TDS/ALKALINITY/TKN HC	TOC (5310B) HC	DISS. HYDROGEN SULFIDE (4500 F) NP	DISS. METALS (6010B) HN			COMMENTS
1	MW-70-PMW01A-A10	IR 70	9/3/10	1008	8	LANDFILL	LANDFILL	GW	TIL	X	X	X	X					EFFERVESENT WELL
2	MW-70-PMW01A-A10-D	↓	↓	1013	8	↓	↓	↓	↓	X	X	X	X					DUPLICATE, EFFERVESENT WELL
3	MW-70-PMW01B-A10	↓	↓	1050	8	↓	↓	↓	↓	X	X	X	X					
4	MW-70-PMW06A-A10	↓	↓	1210	10	↓	↓	↓	↓	X	X	X	X	X	X			
5	MW-70-PMW06B-A10	IR 70	9/3/10	1245	10	LANDFILL	LANDFILL	GW	↓	X	X	X	X	X	X			
6	MW-70-38-A10	IR 70	9/3/10	1334	10	LANDFILL	LANDFILL	GW	↓	X	X	X	X	X	X			EFFERVESENT WELL
7	TB-09/03/10	IR 70	9/3/10	0700	2	VOA	VOA	GW	TIL	X								TRIP BLANK
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROWN

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY			
[signature]	9/3/10	1430	Keith Stark	9/3/10	1500	

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

14 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.

1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEC INC
PROJECT: NWS SEAL BEACH IR 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6720 FAX: 714-678-6711 EMAIL: NWEINBERGER@ICCI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEC, INC
ADDRESS: 3010 E. NIMALONA AVE. ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: TITLE 22 (CAM 17) EPA 6010B - 7000

TAT:
- ☐ Rush ____hrs.
- ☒ Rush 2 days
- ☐ 7 days
- ☒ 14 days (10)
- ☐ 21 days
- ☐ 30 days
- ☐ ____days
- ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HN							COMMENTS
1	T-10M	IR 70	9/3/10	0857	1	250mL	POLY	GW	TL	X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
0																	

Instructions: RUSH 2 DAY TAT. NOT A 14 DAY.

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGDEN

COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY	
[signature]	9/3/10	1420	[signature] 1500	9/3/10

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

15 of 17

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. *

PROJECT CODE: 41-14114

CLIENT: ENSIGHT LLC, INC

PROJECT: [illegible]

COORDINATOR: [illegible]

TEL: [illegible] FAX: [illegible] EMAIL: [illegible]

SEND REPORT TO: [illegible]

COMPANY: ENSIGHT LLC, INC

ADDRESS: 3012 E. MIRANDA AVE.
ANAHEIM, CA 92806

EMAX PM: [illegible]

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC=Ice
GW=Ground Water	HC=HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOC's (8260B); DISS. METALS (6020 / 7470); AMMONIA/TOTAL ALKALINITY/TKN/Sulfate/Sulfide/Chloride/TDS (SM2320B, 350.1, 300.0); TDS (SM2540C); DISSOLVED CHROMIUM SPECIES (SM3500); DISS. METALS (6020)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (HC)	METALS (HC)	NH3 (NP)	TDS (HC)	Cr (NP)	TKN (HN)			COMMENTS
* 1	EN-20-SB06-A10	[illegible]	[illegible]	0915	6	[illegible]	[illegible]	GW	[illegible]	X	X	X	X					[illegible]
* 2	[illegible]	[illegible]	[illegible]	1032	12	[illegible]	[illegible]	GW	[illegible]	X	X	X	X	X	X			[illegible]
* 3	[illegible]	[illegible]	[illegible]	1140	12	[illegible]	[illegible]	GW	[illegible]	X	X	X	X	X	X			
* 4	[illegible]	[illegible]	2/10/10	1315	12	[illegible]	[illegible]	GW	[illegible]	X	X	X	X	X	X			
* 5	[illegible]	[illegible]	2/10/10	1342	12	[illegible]	[illegible]	GW	[illegible]	X	X	X	X	X	X			
* 6	TB-2/9/10	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	GW	[illegible]	X								TRIP BLANK
* 7																		
* 8																		
* 9																		
* 0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: [illegible]

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible]	02/10/10	1430	[illegible]

NOTICE: Turn around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1300 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $1.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (214) 678-1700 FAX: (214) 638-1711 EMAIL: NWEINBERGER@EEC1.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT EEC INC
ADDRESS: 3010 S. MILLIKAN AVE, ALHAMBRA, CA 91806
EMAX PM: Vu Nguyen

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOC's (8260B); Dissolved Metals (Risk 13) (Alkalinity/VFA (SM 2320B, 310.1, 300.0, SM)); TOC (5310B); DSS H2S (4500S); DSS Metals (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HC	HN	NC	NH	HN			COMMENTS
1	IR-70-FSB216-A10	IR 70	9/01/10	1155	6	VARIOUS	~~GLASS~~	GW	III	X	X	X	X					ESCAPE ESDAT WELL
2	MW-70-PMW08A-A10	↓	↓	1156	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X			
3	MW-70-PMW08B-A10	↓	↓	1245	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X			
4	MW-70-PMW08B-A10-D	IR 70	9/01/10	1250	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X			DUPLICATE
5	TB-09/01/10	IR 70	9/01/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
6																		
7																		
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGDON
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/01/10	1400	Keith Stout

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. *
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: NWS SEAL BEACH TR SITE 70
COORDINATOR: NICK WONBERLEN
TEL: 714.676.6700 FAX: 714.676.6711 EMAIL: NWONBERLEN@AOL.COM
SEND REPORT TO: NICK WONBERLEN
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 S. MIRANDA AVE, ANAHEIM, CA 92806
EMAX PM: JOE HUNT

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOC (8260B); DISS GASES (RSK 175); ANIONS, TDS, ALKALINITY, NH3, 300.0, 353.2, 2540C, 310.1; TOC (5310B); DISS. HYDROGEN SULFIDE (EPA 376.2); DISS. METALS (6010B); VFA (300.0M)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (HC)	DISS GASES (HC)	ANIONS (NO)	TOC (HC)	DISS. HYDROGEN SULFIDE (NO)	DISS. METALS (HN)	VFA (NO)		COMMENTS
1	IW-70-ESB229-P13	IW 70	9/01/12	1010	8	[illegible]	[illegible]	GW	TB	X	X	X (P13)	X			X		EXPLORATORY WELL
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
0																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BURGDON
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/01/12	1400	Keith Stott

NOTICE: Turn-around-time (TAT) for samples shall not begin untill all discrepancies have been resolved. For samples received and discrepacies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

APPENDIX C

LABORATORY ANALYTICAL REPORTS

TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10F014**

SECTION		PAGE
Cover Letter, COC/Sample Receipt Form		1000 - 1004
GC/MS-VOA	METHOD 5030B/8260B (WATER) METHOD 5030B/8260B (SOIL)	2000 – 2045 2046 – 2072
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD 5030B/M8015	4000 – 4031
GC-SVOA	METHOD 3520C/3550B/8015 MOD	5000 - 5035
HPLC	**	6000 –
METALS	METHOD 3050B/6010B METHOD 7471A	7000 - 7032 7033 – 7042
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax (310) 618-0818

Date: 06-10-2010
EMAX Batch No.: 10F014

Attn: Nick Weinberger

Insight CEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 06/02/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
T-8-9	F014-01	06/02/10	WATER	VOLATILE ORGANICS BY GC/MS
				TPH DIESEL
				TPH GASOLINE
B-1-2-3	F014-02	06/02/10	SOIL	TPH GASOLINE
				TPH DIESEL
				METALS BY ICP
				MERCURY
				VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

1N10101

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 4-1414
SAMPLE STORAGE

EMAX CONTROL NO.* 10F014
PROJECT CODE:

CLIENT: IEEC
PROJECT: NWS SEAL BEACH
COORDINATOR: NICK WEINBERGER
TEL FAX EMAIL
SEND REPORT TO: NICK WEINBERGER
COMPANY: IEEC
ADDRESS:
EMAX PM:

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SO=Solid Waste SL=Sludge	SH=NaOH
SS=Solid Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AIR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOC 8260B; TPH GAS 8015M; TPH DIESEL 8015; METALS-SOLID 6010B; LEAD

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☒ 7 days ☐ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC 8260B	TPH GAS 8015M	TPH DIESEL 8015	METALS-SOLID 6010B	LEAD	COMMENTS
1	T-8,9	IEC70	6-2-10	1200	8	VOA	VOA	GW	III	X	X	X			
3	B-1,2,3	IEC70	6-2-10	1200	2	8oz	JAR	SS	III	X	X	X	X		
3															
4															
5															
6															
7															
8															
9															
0															

Instructions

Cooler #	Temp. (°C)	Sample #s
1	4.0	

SAMPLER: B. Gober
COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible]	6-2-10	1332	Keith Stout
Keith Stout	6/2/10	1357	[illegible]

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 the next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of at room temperature (but not prior to 5 days :: 30 calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☒ EMAX Courier	See Coc	ECN 10F014
☐ Client Delivery		Reception JONLUND
☐ Third Party		Date 6-2-10
		Time 1357

COC Inspection

☒ Client Name	☒ Client PM/PC	☒ Sampler Name	☒ Sampling Date/Time/Location	☒ Sample ID	☒ Matrix
☐ Address	☐ Tel # / Fax #	☒ Courier Signature	☒ Analysis Required	☒ Preservative (if any)	☒ TAT
Safety Issues	☒ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☒ Custody Seal	☒ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Peanuts	☒ Sufficient	☐ _____
Temperature (Cool, 36 °C but not frozen)	☒ Cooler 1 4.0 °C	☐ Cooler 2 _____ °C	☐ Cooler 3 _____ °C	☐ Cooler 4 _____ °C	☐ Cooler 5 _____ °C
	☐ Cooler 6 _____ °C	☐ Cooler 7 _____ °C	☐ Cooler 8 _____ °C	☐ Cooler 9 _____ °C	☐ Cooler 10 _____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling _____ Date 6/2/10

SRF _____ Date 6/2/10

PM LP for Ya Date 6/3/10

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); Wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistant in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4	_____	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	_____
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	_____
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble >6 mm		
B4	_____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	_____		
C4	_____	H2	_____		

Linh Pham

From: Nick Weinberger [NWeinberger@leeci.com]
Sent: Thursday, June 10, 2010 11:15 AM
To: Linh Pham
Subject: RE: 5 days rush result for Seal Beach IR Site 70 SDG 10F014

Linh,
This SDG is for a waste profile. Could we get a signed cover page for the waste disposal facility?

Thanks,
Nick

From: Linh Pham [mailto:LPham@emaxlabs.com]
Sent: Thursday, June 10, 2010 10:06 AM
To: Nick Weinberger
Cc: Ye Myint
Subject: RE: 5 days rush result for Seal Beach IR Site 70 SDG 10F014

Hi Nick,
Attached please find the revised result for VOCs sample F014-01R that I sent to you on 06/09/10.
I apologize for the inconvenience.
If you have any question, please email us.

Thanks

Linh Pham
Project Coordinator
Emax Laboratories, Inc.
1835 W. 205th Street
Torrance, CA 90501
Phone (310) 618-8889 Ext 120
Fax (310) 618-0818
lpham@emaxlabs.com

-----Original Message-----
From: Linh Pham
Sent: Wednesday, June 09, 2010 3:21 PM
To: Nick Weinberger
Cc: Ye Myint
Subject: 5 days rush result for Seal Beach IR Site 70 SDG 10F014

Hi Nick,
Attached please find result for SDG 10F014.
If you have any question, please email us.

Thanks

Linh Pham
Project Coordinator

Zmax Laboratories, Inc.
1835 W. 205th Street
Torrance, CA 90501
Phone (310) 618-8880 EXT 120
Fax (310) 618-0818
Epham@zmaxlabs.com

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS
(WATER)

SDG#: 10F014

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

One (1) water sample was received on 06/02/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement except for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane in VO05F09B were detected at concentration <1/2 RL . However, analytes were not detected in associated samples. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO05F06L/C were all within QC limits.
Percent recoveries for VO05F09L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT SEC, INC. SDG NO. : IJFD14
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	VOC5F06B	1	NA	06/04/1009:49	06/04/1009:49	RFQ106	REQ195	VOC5F06	Method Blank
LCS1W	VOC5F06L	1	NA	06/04/1008:19	06/04/1008:19	RFQ103	REQ195	VOC5F06	Lab Control Sample (LCS)
LCD1W	VOC5F06C	1	NA	06/04/1008:49	06/04/1008:49	RFQ104	REQ195	VOC5F06	LCS Duplicate
T-8-9DL	FD14-01T	50	NA	06/04/1010:18	06/04/1010:18	RFQ107	REQ195	VOC5F06	Diluted Sample
MBLK2W	VOC5F09B	1	NA	06/08/1014:48	06/08/1014:48	RFQ149	REQ195	VOC5F09	Method Blank
LCS2W	VOC5F09L	1	NA	06/08/1012:12	06/08/1012:12	RFQ147	REQ195	VOC5F09	Lab Control Sample (LCS)
LCD2W	VOC5F09C	1	NA	06/08/1014:19	06/08/1014:19	RFQ148	REQ195	VOC5F09	LCS Duplicate
T-8-9	FD14-01R	1	NA	06/08/1020:19	06/08/1020:19	RFQ160	REQ195	VOC5F09	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

2003

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 06/02/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 06/02/10
Batch No. : 10F014	Date Extracted: 06/08/10 20:19
Sample ID: T-8-9	Date Analyzed: 06/08/10 20:19
Lab Samp ID: F014-01R	Dilution Factor: 1
Lab File ID: RFQ160	Matrix : WATER
Ext Btch ID: V005F09	% Moisture : NA
Calib. Ref.: REQ195	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	0.30J	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.49J	1.0	0.20
FREON113	8.7	1.0	0.20
1,1-DICHLOROETHANE	3.6	1.0	0.20
1,1-DICHLOROETHENE	7.2	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.69	0.50	0.20
1,2-DICHLOROPROPANE	0.40J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	6.1J	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	73	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	7.6	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	100E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.40J	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	30	1.0	0.20
TRICHLOROETHENE	460E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	36	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	127	70-140
4-BROMOFLUOROBENZENE	114	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/04/10 10:10
Sample ID:	T-8-90L	Date Analyzed:	06/04/10 10:10
Lab Samp ID:	F014-01T	Dilution Factor:	50
Lab File ID:	RFQ107	Matrix	: WATER
Ext Btch ID:	V005F06	% Moisture	: NA
Calib. Ref.:	REQ195	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2 DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2 HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS 1,2-DICHLOROETHENE	2300	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	12J	50	10
TRICHLOROETHENE	380	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	31	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE D8	102	70-140

QC SUMMARIES

2006

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/04/10
Batch No.	: 10F014	Date Extracted:	06/04/10 09:49
Sample ID:	MBLK1W	Date Analyzed:	06/04/10 09:49
Lab Samp ID:	V005F06A	Dilution Factor:	1
Lab File ID:	RF0106	Matrix	: WATER
Ext Btch ID:	V005F06	% Moisture	: NA
Calib. Ref.:	RC0199	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1 DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	100	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLK1W
LAB SAMP ID: V005F06B
LAB FILE ID: RFQ106
DATE EXTRACTED: 06/04/1009:49
DATE ANALYZED: 06/04/1009:49
PREP. BATCH: V005F06
CALIB. REF: REQ195

	1	1
V005F06L	V005F06C
RFQ103	RFQ104
06/04/1008:19	06/04/1008:49
06/04/1008:19	06/04/1008:49
V005F06	V005F06
REQ195	REQ195

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 06/04/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.72	97	10.0	9.76	98	0	60-130	30
Benzene	ND	10.0	9.46	95	10.0	9.76	98	3	70-130	30
Chlorobenzene	ND	10.0	9.43	94	10.0	9.66	97	3	70-130	30
Toluene	ND	10.0	9.37	93	10.0	9.45	95	2	70-130	30
Trichloroethene	ND	10.0	9.36	94	10.0	9.84	98	5	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.5	115	10.0	10.8	108	70-140
4-Bromofluorobenzene	10.0	10.5	105	10.0	10.6	106	70-130
Toluene-d8	10.0	9.90	99	10.0	10.0	100	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/08/10
Batch No.	: 10FQ14	Date Extracted:	06/08/10 14:48
Sample ID:	MBLK2W	Date Analyzed:	06/08/10 14:48
Lab Samp ID:	V005F09B	Dilution Factor:	1
Lab File ID:	RFQ149	Matrix	: WATER
Ext Bich ID:	V005F09	% Moisture	: NA
Calib. Ref.:	RED195	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.50
1,2,3-TRICHLOROBENZENE	0.39J	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	0.24J	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	0.28J	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	100	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT FFC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: M0LK2W
LAB SAMP ID: V005F09B V005F09L V005F09C
LAB FILE ID: RF0149 RF0147 RF0148
DATE EXTRACTED: 06/08/1014:48 06/08/1012:12 06/08/1014:19
DATE ANALYZED: 06/08/1014:48 06/08/1012:12 06/08/1014:19
DATE COLLECTED: NA
DATE RECEIVED: 06/08/10
PREP. BATCH: V005F09 V005F09 V005F09
CALIB. REF: RE0195 RE0195 RE0195

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.1	101	10.0	9.86	99	2	60-130	30
Benzene	ND	10.0	9.72	97	10.0	10.1	101	4	70-130	30
Chlorobenzene	ND	10.0	10.3	102	10.0	10.3	103	2	70-130	30
Toluene	ND	10.0	9.87	99	10.0	10.2	102	3	70-130	30
Trichloroethene	ND	10.0	10.2	102	10.0	10.5	105	3	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.0	110	10.0	10.6	106	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.4	106	70-130
Toluene-d8	10.0	9.95	99	10.0	10.1	101	70-130

INITIAL CALIBRATIONS

2011

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: REQ189
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10F014
BFB Injection Date : 05/19/10
BFB Injection Time : 17:21
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.43
75	30.0 - 60.0% of mass 95	30.08
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.97
173	Less than 2.0% of mass 174	0.00(0.00)1
174	Greater than 50% of mass 95	71.22
175	5.0 - 9.0% of mass 174	5.50(7.72)1
176	95.0 - 101.0% of mass 174	70.58(99.01)1
177	5.0 - 9.0% of mass 176	4.43(6.32)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.5	V005E191	REQ190	05/19/10	17:51
2	VSTD0.5	V005E192	REQ191	05/19/10	18:21
3	VSTD01	V005E193	REQ192	05/19/10	18:51
4	VSTD02	V005E194	REQ193	05/19/10	19:21
5	VSTD05	V005E195	REQ194	05/19/10	19:51
6	VSTD010	V005E196	REQ195	05/19/10	20:21
7	VSTD040	V005E198	REQ197	05/19/10	21:21
8	VSTD050	V005E199	REQ198	05/19/10	21:51

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: REQ217
Instrument ID: T005
GC Column: RTX502.2(0:0.32mm) (mm)

Contract: NWS SEAL BEACH, IR SITE 70,
SAS No.: SDG No.: 10FD14
BFB Injection Date : 05/20/10
BFB Injection Time : 11:06
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.80
75	30.0 - 60.0% of mass 95	49.54
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.73
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	72.12
175	5.0 - 9.0% of mass 174	5.40(7.5)1
176	95.0 - 101.0% of mass 174	71.52(99.2)1
177	5.0 - 9.0% of mass 176	4.72(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV005E1903	REQ219	05/20/10	12:34

FORM V VOA DLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TOC5
Beginning DateTime :05/19/10 17:51
Spike Units :PPB
IC File :REQ195

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :05/19/10 21:51
NPChem Method :V005E19

	N	IDX	Parameters	3 17:51 REQ190	5 18:21 REQ191	1 18:51 REQ192	2 19:21 REQ193	5 19:51 REQ194	10 20:21 REQ195	40 21:21 REQ197	50 21:51 REQ198	Av_RRF	% RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	0	8.1765
		2	Dichlorodifluoromethane	0.350	0.377	0.389	0.347	0.395	0.369	0.368	0.350	0.368	4.96	2.3514
		3	Chloromethane	0.454	0.517	0.429	0.275	0.454	0.411	0.462	------	0.429	17.58	2.3303
		4	Vinyl chloride	0.357	0.448	0.433	0.378	0.433	0.378	0.360	0.335	0.398	10.79	2.4527
		5	Bromomethane	0.288	0.312	0.289	0.232	0.252	0.238	0.248	------	0.266	11.45	2.9779
		6	Chloroethane	0.234	0.278	0.279	0.232	0.288	0.275	0.288	0.251	0.265	8.68	3.0750
		7	Dichlorofluoromethane	0.876	0.904	0.862	0.859	0.852	0.865	0.870	0.835	0.865	2.33	3.1215
		8	Trichlorofluoromethane	0.553	0.629	0.639	0.581	0.651	0.612	0.614	0.587	0.608	5.39	3.3927
		9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
S	10		Acrolein	------	0.015	0.018	0.018	0.017	0.020	0.020	0.021	0.018	10.94	3.8816
		11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.250	0.259	0.228	0.240	0.240	0.238	0.244	0.238	0.242	3.79	3.9370
S	12		Acetone	------	0.042	0.042	0.039	0.038	0.041	0.041	0.042	0.041	4.33	3.9580
		13	1,1-Dichloroethene	0.652	0.617	0.596	0.613	0.611	0.623	0.621	0.603	0.617	2.70	4.1321
S	14		tert-Butyl alcohol	------	------	0.009	0.011	0.010	0.012	0.013	0.013	0.011	14.45	4.2222
		15	Acetonitrile	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		16	Iodomethane	------	------	0.145	0.157	0.252	0.325	0.361	0.338	0.263	35.88	4.5096
		17	Methyl acetate	------	0.081	0.102	0.110	0.096	0.111	0.112	0.114	0.103	11.59	4.5334
		18	Methylene chloride	------	0.603	0.501	0.446	0.420	0.424	0.419	0.397	0.459	15.66	4.7224
		19	Carbon disulfide	1.127	1.108	1.028	1.064	1.066	1.117	1.188	1.148	1.106	4.66	4.7507
	6	20	Acrylonitrile	0.037	0.034	0.044	0.041	0.042	0.046	0.049	0.051	0.043	12.92	4.8622
		21	tert-Butyl methyl ether (MTBE)	0.398	0.454	0.515	0.514	0.491	0.550	0.572	0.581	0.509	12.06	4.9346
		22	trans-1,2-Dichloroethene	0.572	0.576	0.557	0.565	0.559	0.571	0.582	0.563	0.568	1.53	5.1093
		23	Isopropyl ether (DIPE)	0.872	0.879	0.912	0.973	0.941	1.031	1.069	1.089	0.971	8.69	5.5217
		24	Vinyl acetate	------	------	0.303	0.294	0.328	0.353	0.383	0.393	0.342	12.01	5.6416
		25	1,1-Dichloroethane	0.649	0.654	0.629	0.626	0.637	0.639	0.645	0.647	0.641	1.53	5.6481
S	26		2-Butanol	------	------	0.007	0.007	0.006	0.008	0.010	0.011	0.008	22.85	5.9338
		27	tert-Butyl ethyl ether (ETBE)	0.662	0.690	0.720	0.770	0.763	0.832	0.863	0.874	0.772	10.26	6.0530
S	28		2-Butanone	------	0.052	0.058	0.056	0.057	0.063	0.065	0.070	0.060	10.53	6.1810
		29	2,2-Dichloropropane	0.516	0.545	0.502	0.526	0.529	0.537	0.531	0.503	0.524	2.94	6.3911
		30	cis-1,2-Dichloroethene	0.358	0.350	0.338	0.342	0.348	0.360	0.371	0.365	0.354	3.21	6.6413
		31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		32	Chloroform	0.612	0.627	0.607	0.630	0.618	0.629	0.627	0.613	0.620	1.43	6.6568
		33	Bromochloromethane	0.219	0.216	0.222	0.237	0.225	0.235	0.230	0.232	0.227	3.42	6.8667
		34	Dibromofluoromethane	------	------	0.316	0.343	0.364	0.375	0.376	0.376	0.358	6.71	6.9395
		35	Tetrahydrofuran	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		36	1,1,1-Trichloroethane	0.552	0.552	0.542	0.558	0.571	0.592	0.580	0.357	0.563	2.94	7.2104
		37	Cyclohexane	0.514	0.591	0.618	0.606	0.623	0.653	0.686	0.664	0.619	8.57	7.2513
		38	tert-Amyl methyl ether (TAME)	0.096	0.099	0.109	0.118	0.114	0.132	0.135	0.137	0.118	13.72	7.5987
		39	1,2-Dichloroethane-d4	------	------	0.283	0.292	0.303	0.314	0.297	0.290	0.296	3.66	7.6232
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	0	12.8589
		41	1,1-Dichloropropene	0.167	0.195	0.185	0.202	0.199	0.202	0.214	0.210	0.197	7.56	7.4296
		42	Carbon tetrachloride	0.575	0.570	0.550	0.600	0.606	0.618	0.620	0.595	0.592	4.14	7.5671
		43	1,2-Dichloroethane	0.413	0.444	0.442	0.458	0.428	0.459	0.431	0.421	0.437	3.79	7.7473
		44	Benzene	1.362	1.441	1.335	1.482	1.431	1.484	1.559	1.550	1.455	5.52	7.7882
		45	Trichloroethene	0.443	0.431	0.378	0.425	0.417	0.435	0.456	0.452	0.430	5.76	8.6650
		46	Methylcyclohexane	0.502	0.547	0.567	0.631	0.608	0.637	0.701	0.687	0.610	11.23	8.7803
		47	1,2-Dichloropropane	0.335	0.341	0.324	0.350	0.342	0.363	0.377	0.370	0.350	5.31	8.9066
		48	Bromodichloromethane	0.387	0.451	0.432	0.470	0.487	0.508	0.518	0.514	0.471	9.66	9.2465
	20	49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.002	0.001	0.001	12.47	9.2679
		50	Dibromomethane	0.147	0.166	0.190	0.186	0.168	0.188	0.187	0.184	0.177	8.51	9.3190
		51	2-Chloroethyl vinyl ether	0.079	0.086	0.099	0.102	0.101	0.112	0.112	0.113	0.101	12.34	9.7073
	S	52	4-Methyl-2-pentanone	------	0.152	0.180	0.186	0.181	0.201	0.204	0.217	0.189	11.27	9.7585
		53	cis-1,3-Dichloropropene	0.378	0.439	0.402	0.458	0.470	0.516	0.556	0.554	0.468	14.82	10.0732
		54	Toluene-d8	------	------	1.069	1.196	1.254	1.276	1.363	1.356	1.252	8.77	10.4619
		55	Toluene	1.394	1.492	1.322	1.443	1.410	1.483	1.552	1.541	1.455	5.36	10.5841
		56	Ethyl methacrylate	0.209	0.208	0.218	0.247	0.231	0.263	0.277	0.286	0.243	12.67	10.8535
		57	trans-1,3-Dichloropropene	0.239	0.263	0.291	0.338	0.351	0.403	0.424	0.425	0.342	21.24	10.8498
		58	1,1,2-Trichloroethane	0.168	0.182	0.184	0.204	0.189	0.208	0.214	0.214	0.195	8.76	11.0988
	S	59	2-Hexanone	------	------	0.106	0.111	0.107	0.125	0.127	0.135	0.118	10.30	11.1207
		60	1,3-Dichloropropane	0.312	0.341	0.346	0.379	0.350	0.390	0.399	0.398	0.364	8.67	11.5019
		61	Tetrachloroethene	0.312	0.330	0.298	0.317	0.315	0.320	0.336	0.328	0.320	3.74	11.6357
		62	Dibromochloromethane	------	0.222	0.234	0.260	0.272	0.302	0.327	------	0.270	14.80	11.9233
		63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

SM
5/26/10

64	1,2-Dibromoethane	0.168	0.180	0.196	0.210	0.205	0.225	0.237	0.238	0.207	12.36	12.2580
65	1-Chlorohexane	0.516	0.540	0.490	0.522	0.575	0.594	0.647	0.632	0.564	10.10	12.5720
66	Chlorobenzene	0.928	0.925	0.872	0.928	0.913	0.951	0.982	0.973	0.934	3.73	12.9640
67	1,1,1,2-Tetrachloroethane	0.283	0.296	0.273	0.298	0.305	0.325	0.347	0.342	0.309	8.72	13.0383
68	Ethylbenzene	1.676	1.699	1.563	1.705	1.710	1.763	1.866	1.826	1.726	5.43	13.0680
Z 69	m-Xylene & p-Xylene	1.258	1.338	1.212	1.328	1.316	1.358	1.393	------	1.315	4.64	13.2009
70	o-Xylene	1.167	1.226	1.139	1.266	1.272	1.310	1.378	1.330	1.261	6.43	13.9394
71	Styrene	0.743	0.793	0.778	0.887	0.907	0.962	1.051	1.031	0.894	13.03	13.9988
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	0	17.7590
73	Bromoform	0.265	0.284	0.290	0.326	0.324	0.392	0.455	0.446	0.348	21.36	14.5450
74	Isopropylbenzene	4.660	4.453	4.026	4.431	4.520	4.661	5.186	4.857	4.595	7.42	14.5710
75	1,1,2,2-Tetrachloroethane	0.546	0.563	0.585	0.632	0.573	0.642	0.692	0.662	0.612	8.56	14.8478
76	4-Bromofluorobenzene	------	------	1.097	1.181	1.259	1.274	1.388	1.313	1.252	8.14	14.9851
77	1,2,3-Trichloropropane	0.118	0.145	0.145	0.174	0.159	0.173	0.184	0.176	0.159	13.87	15.1023
78	trans-1,4-Dichloro-2-butene	------	0.126	0.139	0.168	0.167	0.195	0.217	0.204	0.174	19.45	15.2322
79	n-Propylbenzene	5.425	5.457	4.947	5.438	5.807	5.912	6.718	5.982	5.711	9.22	15.2770
80	Bromobenzene	0.950	0.988	0.878	0.983	0.936	0.967	1.090	1.031	0.978	6.48	15.3179
81	1,3,5-Trimethylbenzene	3.495	3.575	3.136	3.555	3.713	3.786	4.218	3.928	3.676	8.72	15.5612
82	2-Chlorotoluene	3.762	3.759	3.441	3.788	3.706	3.769	4.107	3.916	3.781	4.97	15.5649
83	4-Chlorotoluene	3.467	3.119	3.011	3.146	3.262	3.305	3.596	3.308	3.277	5.80	15.6541
84	tert-Butylbenzene	0.735	0.680	0.630	0.692	0.725	0.756	0.840	0.776	0.729	8.82	16.1984
85	1,2,4-Trimethylbenzene	3.431	3.383	3.218	3.421	3.582	3.703	4.318	3.817	3.584	8.01	16.2579
86	sec-Butylbenzene	4.522	4.712	4.319	4.310	4.951	4.979	5.681	5.197	4.797	10.93	16.5756
87	p-Isopropyltoluene	3.566	3.558	3.221	3.465	3.979	3.972	4.532	4.216	3.814	11.43	16.8301
88	1,3-Dichlorobenzene	1.755	1.789	1.651	1.726	1.780	1.828	2.026	1.906	1.808	6.36	16.9564
89	1,4-Dichlorobenzene	1.789	1.726	1.584	1.692	1.735	1.777	1.959	1.865	1.766	6.39	17.1496
90	Benzyl Chloride	------	0.437	0.455	0.557	0.648	0.788	0.931	0.909	0.675	30.40	17.3575
91	n-Butylbenzene	3.520	3.487	3.159	3.368	4.084	4.005	4.566	4.191	3.797	12.73	17.5695
92	1,2-Dichlorobenzene	1.582	1.468	1.422	1.454	1.432	1.490	1.618	1.548	1.502	4.83	17.8036
93	1,2-Dibromo-3-chloropropane	------	0.041	0.061	0.065	0.065	0.083	0.097	0.099	0.073	28.63	18.9392
94	1,2,4-Trichlorobenzene	0.786	0.771	0.733	0.759	0.876	0.947	1.054	1.033	0.869	14.84	19.9233
95	Hexachlorobutadiene	0.619	0.654	0.499	0.521	0.650	0.628	0.723	0.687	0.623	12.38	20.0775
96	Naphthalene	------	0.967	0.984	1.033	1.094	1.330	1.519	------	1.154	19.23	20.1693
97	1,2,3-Trichlorobenzene	0.627	0.601	0.581	0.582	0.671	0.747	0.820	0.801	0.679	14.47	20.4193

Spike Amount = Nominal Amount * W
Ave_%RSD : 9.9 Max_%RSD : 35.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = x0 + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
3	Chloromethane	-0.00194	0.44875	0.9961
16	Iodomethane	-0.02911	0.35239	0.9984
18	Methylene Chloride	0.00971	0.40522	0.9996
26	2-Butanol	-0.00948	0.01036	0.9958
57	trans-1,3-Dichloropropene	-0.00888	0.42142	0.9993
73	Bromoform	-0.01048	0.44182	0.9976
78	trans-1,4-Dichloro-2-butene	-0.00641	0.20902	0.9988
90	Benzyl Chloride	-0.04252	0.90880	0.9976
93	1,2-Dibromo-3-chloropropane	-0.00431	0.09678	0.9973
96	Naphthalene	-0.04962	1.47080	0.9962

SL
5/26/10

2515

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TQ05
IC Beginning DateTime :05/19/10 17:51
SpTke Amount :10 PPB
CC/CV File :RE0219
IC File :RE0195

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :05/19/10 21:51
HPChem Method :V005E19
Date_Time :05/20/10 12:34

M	IDX	Parameters	CC_CON	CCX_D	CC_RESP	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CO_X0	CO_X1	CO_X2	CO_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1866402	1	1	8.186	8.177	0				
	2	Dichlorodifluoromethane	10.497	5.0	720927	0.386	0.368	2.048	2.051	4.96				
	3	Chloromethane	7.988	-20.1	665498	0.357	0.402	2.330	2.330	17.58	-0.0019	0.4487		0.9961
	4	Vinyl chloride	9.726	-2.7	708192	0.379	0.390	2.449	2.453	10.72				
	5	Bromomethane	8.848	-11.3	436558	0.236	0.266	2.984	2.978	11.45				
	6	Chloroethane	8.269	-7.5	457713	0.245	0.265	3.073	3.075	8.68				
	7	Dichlorofluoromethane	10.531	5.3	1700786	0.911	0.865	3.133	3.132	2.33				
	8	Trichlorofluoromethane	10.541	5.4	1196405	0.641	0.608	3.400	3.393	5.39				
	9	sec-Propyl alcohol												
5	10	Acrolein	54.957	9.9	188866	0.020	0.018	3.891	3.882	10.94				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.082	10.8	500991	0.268	0.242	3.932	3.926	7.79				
5	12	Acetone	50.838	1.7	384769	0.041	0.041	3.945	3.948	4.48				
	13	1,1-Dichloroethene	10.393	2.9	1185027	0.635	0.617	4.143	4.135	2.70				
5	14	tert-Butyl alcohol	51.610	3.2	107758	0.012	0.011	4.233	4.222	14.43				
	15	Acetonitrile												
	16	Iodomethane	8.314	-16.9	492536	0.264	0.263	4.515	4.510	35.88	-0.0291	0.3524		0.9984
	17	Methyl acetate	11.348	13.6	219683	0.118	0.103	4.530	4.533	11.59				
	18	Methylene chloride	10.691	8.2	826734	0.443	0.469	4.723	4.722	15.66	0.0097	0.4052		0.9996
	19	Carbon disulfide	11.051	10.3	2276346	1.220	1.109	4.764	4.757	4.69				
6	20	Acrylonitrile	64.241	7.1	515635	0.046	0.043	4.857	4.842	12.92				
	21	tert-Butyl methyl ether (MTBE)	11.513	12.1	1065955	0.571	0.509	4.931	4.935	12.04				
	22	trans-1,2-Dichloroethene	10.158	1.6	1072457	0.577	0.568	5.109	5.109	1.53				
	23	Isopropyl ether (DIPE)	10.424	4.2	1889281	1.016	0.971	5.525	5.522	8.69				
	24	Vinyl acetate	10.599	6.0	677023	0.363	0.342	5.644	5.642	12.01				
	25	1,1-Dichloroethane	10.093	0.9	1207079	0.647	0.641	5.659	5.648	1.53				
5	26	2-Butanol	41.618	-16.8	70227	0.008	0.008	5.942	5.934	22.85	-0.0035	0.0194		0.9958
	27	tert-Butyl ethyl ether (ETBE)	10.892	8.9	1569211	0.841	0.772	6.061	6.053	10.26				
5	28	2-Butanone	53.006	6.0	594269	0.064	0.060	6.179	6.181	10.53				
	29	2,2-Dichloropropane	11.334	13.4	1107995	0.564	0.524	6.402	6.391	2.94				
	30	cis-1,2-Dichloroethene	10.684	0.8	666433	0.357	0.354	6.447	6.441	3.21				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	10.710	7.1	1240405	0.665	0.620	6.665	6.657	1.43				
	33	Bromochloromethane	10.492	4.9	444273	0.238	0.227	6.878	6.867	3.42				
	34	Dibromofluoromethane	10.512	5.1	703151	0.377	0.358	6.952	6.939	6.71				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	10.716	7.2	1125697	0.603	0.563	7.220	7.210	2.94				
	37	Cyclohexane	10.845	8.5	1253900	0.672	0.619	7.264	7.251	8.57				
	38	tert-Amyl methyl ether (TAME)	11.290	13.0	248122	0.133	0.118	7.606	7.599	13.72				
	39	1,2-Dichloroethane-d4	10.705	7.0	592321	0.317	0.296	7.831	7.862	3.68				
	40	CHLOROBENZENE-D5	10.000	0	1490384	1	1	12.912	12.899	0				
	41	1,1-Dichloropropene	10.849	8.5	316949	0.213	0.197	7.443	7.430	7.56				
	42	Carbon tetrachloride	10.841	8.4	962114	0.646	0.592	7.576	7.567	9.14				
	43	1,2-Dichloroethane	10.683	6.9	700106	0.467	0.437	7.753	7.747	3.79				
	44	Benzene	10.323	3.2	2252629	1.502	1.455	7.799	7.788	2.43				
	45	Trichloroethene	10.442	2.6	873932	0.449	0.430	8.676	8.665	5.76				
	46	Methylcyclohexane	12.039	20.4	1101360	0.735	0.610	8.795	8.780	11.23				
	47	1,2-Dichloropropane	10.029	0.3	526753	0.351	0.360	8.914	8.907	5.31				
	48	Bromodichloromethane	10.578	5.8	746956	0.498	0.471	9.256	9.247	9.96				
20	49	1,4-Dioxane	203.928	2.0	40267	0.001	0.001	9.271	9.268	12.47				
	50	Dibromomethane	10.462	4.6	277588	0.185	0.177	9.330	9.319	8.51				
	51	2-Chloroethyl vinyl ether	11.869	18.7	178852	0.119	0.101	9.711	9.707	13.54				
5	52	4-Methyl-2-pentanone	53.935	7.9	1524562	0.203	0.189	9.761	9.759	11.37				
	53	cis-1,3-Dichloropropene	11.305	13.1	793007	0.529	0.468	10.073	10.073	14.86				
	54	Toluene-d8	10.397	4.0	1952511	1.302	1.252	10.475	10.462	8.77				
	55	Toluene	10.494	4.9	2288644	1.527	1.455	10.594	10.584	5.56				
	56	Ethyl methacrylate	11.039	10.4	401477	0.268	0.243	10.861	10.824	15.47				
	57	trans-1,3-Dichloropropene	10.464	4.6	647932	0.432	0.342	10.861	10.850	21.24	-0.0089	0.4214		0.9993
	58	1,1,2-Trichloroethane	10.362	3.6	305744	0.203	0.196	11.114	11.099	8.76				
5	59	2-Hexanone	52.663	5.3	889918	0.195	0.178	11.129	11.121	10.30				
	60	1,3-Dichloropropane	10.513	5.1	574084	0.383	0.364	11.513	11.502	8.67				
	61	Tetrachloroethene	10.590	5.9	507356	0.338	0.320	11.649	11.636	3.74				
	62	Dibromochloromethane	10.712	7.1	433110	0.289	0.270	11.931	11.923	14.80				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	10.748	7.5	334054	0.223	0.207	12.273	12.258	12.36				
	65	1-Chlorohexane	11.398	14.0	964132	0.643	0.564	12.585	12.572	10.10				
	66	Chlorobenzene	10.509	5.1	1439788	0.954	0.934	12.972	12.964	3.73				
	67	1,1,1,2-Tetrachloroethane	10.484	7.8	469173	0.337	0.309	13.046	13.038	8.72				
	68	Ethylbenzene	10.393	3.9	2689574	1.794	1.726	13.075	13.068	5.47				
2	69	m-Xylene & p-Xylene	21.525	6.6	4203975	1.402	1.315	13.209	13.201	4.64				
	70	o-Xylene	10.785	4.9	1984186	1.323	1.261	13.952	13.939	4.43				
	71	Styrene	10.894	8.9	1460441	0.974	0.894	14.015	13.999	13.03				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	512119	1	1	17.775	17.752	0				
	73	Bromoform	9.378	-6.2	206833	0.404	0.348	14.562	14.545	21.36	-0.0105	0.4418		0.9976
	74	Isopropylbenzene	10.824	8.1	2547259	1.974	1.896	14.577	14.571	7.42				
	75	1,1,2,2-Tetrachloroethane	10.964	9.5	523689	0.432	0.319	14.859	14.848	8.56				
	76	4-Bromofluorobenzene	10.327	3.3	997	1.346	1.225	14.993	14.985	8.14				
	77	1,2,3-Trichloropropane	11.285	12.8	52121	0.180	0.159	15.112	15.102	13.87				
	78	trans-1,4-Dichloro-2-butene	10.313	3.1	107111	0.209	0.174	15.245	15.232	19.45	-0.0064	0.2090		0.9988
	79	n-Propylbenzene	10.866	8.7	3177838	2.506	2.311	15.590	15.577	9.22				
	80	Bromobenzene	10.564	5.6	529051	1.033	0.978	15.512	15.518	6.48				
	81	1,3,5-Trimethylbenzene	10.731	7.3	2020152	3.945	3.676	15.572	15.561	8.76				
	82	2-Chlorotoluene	10.181	1.8	1971494	3.850	3.781	15.572	15.565	4.97				
	83	4-Chlorotoluene	10.723	7.2	1799437	3.514	3.476	15.661	15.654	5.80				
	84	tert-Butylbenzene	10.837	8.4	404680	0.790	0.729	16.211	16.198	8.82				
	85	1,2,4-Trimethylbenzene	10.672	6.7	1958868	3.825	3.584	16.271	16.258	8.01				
	86	sec-Butylbenzene	11.037	10.4	2711340	5.294	4.797	16.583	16.576	10.93				
	87	p-Isopropyltoluene	11.490	12.9	2205113	4.306	3.814	16.836	16.830	11.43				
	88	1,3-Dichlorobenzene	10.546	5.5	976321	1.906	1.808	16.968	16.962	6.38				
	89	1,4-Dichlorobenzene	10.622	6.5	963346	1.881	1.766	17.163	17.150	6.39				
	90	Benzyl Chloride	11.164	11.5	497375	0.971	0.875	17.371	17.358	30.40	-0.0425	0.9088		0.9976
	91	n-Butylbenzene	11.082	10.9	2156675	4.211	3.797	17.579	17.569	12.74				
	92	1,2-Dichlorobenzene	10.307	3.1	792776	1.548	1.502	17.816	17.804	4.83				
	93	1,2-Dibromo-3-chloropropane	8.706	-12.9	40943	0.080	0.073	18.939	18.939	28.63	-0.0043	0.0968		0.9973
	94	1,2,4-Trichlorobenzene	11.840	18.4	524822	1.029	0.869	19.937	19.923	14.84				
	95	Hexachlorobutadiene	11.365	13.6	329456	0.708	0.623	20.090	20.077	12.38				
	96	Naphthalene	9.484	-5.2	688984	1.345	1.154	20.180	20.149	16.23	-0.0496	1.4708		0.9962
	97	1,2,3 Trichlorobenzene	11.049	10.5	384083	0.750	0.679	20.432	20.419	14.47				

Spike Amount = Nominal Amount * M

SM 5/24/10

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D
Acq On : 20 May 2010 12:34 pm
Sample : IVO05E1903
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb
MS Integration Params: 524INT.P

Vial: 3
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	99	0.01
2	T	Dichlorodifluoromethane	10.000	10.498	-5.0	103	0.00
3	P,T	Chloromethane	10.000	7.989	20.1#	86	0.00
4	C,T	Vinyl chloride	10.000	9.726	2.7	99	0.00
5	T	Bromomethane	10.000	8.866	11.3	98	0.01
6	T	Chloroethane	10.000	9.282	7.2	89	0.00
7	T	Dichlorofluoromethane	10.000	10.531	-5.3	104	0.01
8	T	Trichlorofluoromethane	10.000	10.541	-5.4	103	0.01
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	54.957	-9.9	102	0.01
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.082	-10.8	111	0.00
12	T	Acetone	50.000	50.839	-1.7	99	0.01
13	C,T,M	1,1-Dichloroethene	10.000	10.293	-2.9	101	0.01
14	T	tert-Butyl alcohol	50.000	51.610	-3.2	98	0.01
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	8.315	16.9	80	0.00
17	T	Methyl acetate	10.000	11.389	-13.9	105	0.00
18	T	Methylene chloride	10.000	10.692	-6.9	103	0.00
19	T	Carbon disulfide	10.000	11.031	-10.3	108	0.00
20	T	Acrylonitrile	60.000	64.241	-7.1	98	0.00
21	T	tert-Butyl methyl ether (MT	10.000	11.213	-12.1	102	0.00
22	T	trans-1,2-Dichloroethene	10.000	10.158	-1.6	100	0.00
23	T	Isopropyl ether (DIPE)	10.000	10.425	-4.3	97	0.00
24	T	Vinyl acetate	10.000	10.599	-6.0	101	0.01
25	P,T	1,1-Dichloroethane	10.000	10.093	-0.9	100	0.01
26	T	2-Butanol	50.000	41.618	16.8	90	0.01
27	T	tert-Butyl ethyl ether (ETB	10.000	10.892	-8.9	100	0.01
28	T	2-Butanone	50.000	53.006	-6.0	100	0.00
29	T	2,2-Dichloropropane	10.000	11.336	-13.4	109	0.01
30	T	cis-1,2-Dichloroethene	10.000	10.084	-0.8	98	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	10.711	-7.1	104	0.00
33	T	Bromochloromethane	10.000	10.493	-4.9	100	0.01
34	S	Dibromofluoromethane	10.000	10.513	-5.1	99	0.01
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	10.716	-7.2	101	0.01
37	T	Cyclohexane	10.000	10.845	-8.5	102	0.01
38	T	tert-Amyl methyl ether (TAM	10.000	11.300	-13.0	99	0.01
39	S	1,2-Dichloroethane-d4	10.000	10.704	-7.0	100	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	98	0.01

(#) = Out of Range

SU 5/26/10

2018

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D Vial: 3
Acq On : 20 May 2010 12:34 pm Operator: SD
Sample : IVO05E1903 Inst : TO05
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	10.850	-8.5	104	0.01
42	T	Carbon tetrachloride	10.000	10.841	-8.4	102	0.01
43	T	1,2-Dichloroethane	10.000	10.685	-6.9	100	0.01
44	T,M	Benzene	10.000	10.323	-3.2	99	0.01
45	T,M	Trichloroethene	10.000	10.462	-4.6	101	0.01
46	T	Methylcyclohexane	10.000	12.040	-20.4#	113	0.01
47	C,T	1,2-Dichloropropane	10.000	10.030	-0.3	95	0.01
48	T	Bromodichloromethane	10.000	10.579	-5.8	96	0.01
49	T	1,4-Dioxane	200.000	203.928	-2.0	99	0.01
50	T	Dibromomethane	10.000	10.462	-4.6	97	0.01
51	T	2-Chloroethyl vinyl ether	10.000	11.869	-18.7	104	0.01
52	T	4-Methyl-2-pentanone	50.000	53.936	-7.9	100	0.01
53	T	cis-1,3-Dichloropropene	10.000	11.305	-13.0	101	0.01
54	S	Toluene-d8	10.000	10.397	-4.0	100	0.01
55	C,T,M	Toluene	10.000	10.494	-4.9	101	0.01
56	T	Ethyl methacrylate	10.000	11.039	-10.4	100	0.01
57	T	trans-1,3-Dichloropropene	10.000	10.465	-4.6	105	0.01
58	T	1,1,2-Trichloroethane	10.000	10.362	-3.6	96	0.01
59	T	2-Hexanone	50.000	52.664	-5.3	98	0.01
60	T	1,3-Dichloropropane	10.000	10.514	-5.1	97	0.01
61	T	Tetrachloroethene	10.000	10.590	-5.9	104	0.01
62	T	Dibromochloromethane	10.000	10.713	-7.1	94	0.01
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	10.748	-7.5	97	0.01
65	T	1-Chlorohexane	10.000	11.398	-14.0	106	0.01
66	P,M	Chlorobenzene	10.000	10.210	-2.1	98	0.01
67	T	1,1,1,2-Tetrachloroethane	10.000	10.785	-7.9	101	0.01
68	C,T	Ethylbenzene	10.000	10.394	-3.9	100	0.01
69	T	m-Xylene & p-Xylene	20.000	21.326	-6.6	101	0.01
70	T	o-Xylene	10.000	10.495	-4.9	99	0.01
71	T	Styrene	10.000	10.894	-8.9	99	0.01
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	95	0.01
73	P,T	Bromoform	10.000	9.378	6.2	97	0.03
74	T	Isopropylbenzene	10.000	10.824	-8.2	101	0.01
75	P,T	1,1,2,2-Tetrachloroethane	10.000	10.328	-3.3	93	0.01
76	S	4-Bromofluorobenzene	10.000	10.749	-7.5	100	0.01
77	T	1,2,3-Trichloropropane	10.000	11.285	-12.9	98	0.01
78	T	trans-1,4-Dichloro-2-butene	10.000	10.313	-3.1	102	0.01
79	T	n-Propylbenzene	10.000	10.866	-8.7	99	0.01
80	T	Bromobenzene	10.000	10.565	-5.6	101	0.03

(#) = Out of Range

SU 5/26/10

2019

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D Vial: 3
Acq On : 20 May 2010 12:34 pm Operator: SD
Sample : IVO05E1903 Inst : TO05
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.732	-7.3	99	0.01
82	T	2-Chlorotoluene	10.000	10.182	-1.8	97	0.01
83	T	4-Chlorotoluene	10.000	10.723	-7.2	101	0.01
84	T	tert-Butylbenzene	10.000	10.837	-8.4	99	0.01
85	T	1,2,4-Trimethylbenzene	10.000	10.673	-6.7	98	0.01
86	T	sec-Butylbenzene	10.000	11.038	-10.4	101	0.01
87	T	p-Isopropyltoluene	10.000	11.291	-12.9	103	0.01
88	T	1,3-Dichlorobenzene	10.000	10.547	-5.5	99	0.01
89	T	1,4-Dichlorobenzene	10.000	10.653	-6.5	100	0.01
90	T	Benzyl Chloride	10.000	11.155	-11.5	117	0.01
91	T	n-Butylbenzene	10.000	11.090	-10.9	100	0.01
92	T	1,2-Dichlorobenzene	10.000	10.307	-3.1	98	0.01
93	T	1,2-Dibromo-3-chloropropane	10.000	8.706	12.9	91	0.01
94	T	1,2,4-Trichlorobenzene	10.000	11.840	-18.4	103	0.01
95	T	Hexachlorobutadiene	10.000	11.366	-13.7	107	0.01
96	T	Naphthalene	10.000	9.484	5.2	96	0.01
97	T	1,2,3-Trichlorobenzene	10.000	11.049	-10.5	95	0.01

SH 5/26/10

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D
Acq On : 20 May 2010 12:34 pm
Sample : IVO05E1903
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb
MS Integration Params: 524INT.P

Vial: 3
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	99	0.01
2	T	Dichlorodifluoromethane	0.368	0.386	-4.9	103	0.00
3	P,T	Chloromethane	0.429 ✓	0.357	16.8	86	0.00
4	C,T	Vinyl chloride	0.390	0.379	2.8	99	0.00
5	T	Bromomethane	0.266	0.236	11.3	98	0.01
6	T	Chloroethane	0.265	0.246	7.2	89	0.00
7	T	Dichlorofluoromethane	0.865	0.911	-5.3	104	0.01
8	T	Trichlorofluoromethane	0.608	0.641	-5.4	103	0.01
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.018	0.020	-11.1	102	0.01
11	T	1,1,2-Trichloro-1,2,2-trifl	0.242	0.268	-10.7	111	0.00
12	T	Acetone	0.041	0.041	0.0	99	0.01
13	C,T,M	1,1-Dichloroethene	0.617	0.635	-2.9	101	0.01
14	T	tert-Butyl alcohol	0.011	0.012	-9.1	98	0.01
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.263	0.264	-0.4	80	0.00
17	T	Methyl acetate	0.103	0.118	-14.6	105	0.00
18	T	Methylene chloride	0.459	0.443	3.5	103	0.00
19	T	Carbon disulfide	1.106	1.220	-10.3	108	0.00
20	T	Acrylonitrile	0.043	0.046	-7.0	98	0.00
21	T	tert-Butyl methyl ether (MT	0.509	0.571	-12.2	102	0.00
22	T	trans-1,2-Dichloroethene	0.568	0.577	-1.6	100	0.00
23	T	Isopropyl ether (DIPE)	0.971	1.012	-4.2	97	0.00
24	T	Vinyl acetate	0.342	0.363	-6.1	101	0.01
25	P,T	1,1-Dichloroethane	0.641 ✓	0.647	-0.9	100	0.01
26	T	2-Butanol	0.008	0.008	0.0	90	0.01
27	T	tert-Butyl ethyl ether (ETB	0.772	0.841	-8.9	100	0.01
28	T	2-Butanone	0.060	0.064	-6.7	100	0.00
29	T	2,2-Dichloropropane	0.524	0.594	-13.4	109	0.01
30	T	cis-1,2-Dichloroethene	0.354	0.357	-0.8	98	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.620	0.665	-7.3	104	0.00
33	T	Bromochloromethane	0.227	0.238	-4.8	100	0.01
34	S	Dibromofluoromethane	0.358	0.377	-5.3	99	0.01
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.563	0.603	-7.1	101	0.01
37	T	Cyclohexane	0.619	0.672	-8.6	102	0.01
38	T	tert-Amyl methyl ether (TAM	0.118	0.133	-12.7	99	0.01
39	S	1,2-Dichloroethane-d4	0.296	0.317	-7.1	100	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D Vial: 3
Acq On : 20 May 2010 12:34 pm Operator: SD
Sample : IVO05E1903 Inst : TO05
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.197	0.213	-8.1	104	0.01
42	T	Carbon tetrachloride	0.592	0.642	-8.4	102	0.01
43	T	1,2-Dichloroethane	0.437	0.467	-6.9	100	0.01
44	T,M	Benzene	1.455	1.502	-3.2	99	0.01
45	T,M	Trichloroethene	0.430	0.449	-4.4	101	0.01
46	T	Methylcyclohexane	0.610	0.735	-20.5#	113	0.01
47	C,T	1,2-Dichloropropane	0.350	0.351	-0.3	95	0.01
48	T	Bromodichloromethane	0.471	0.498	-5.7	96	0.01
49	T	1,4-Dioxane	0.001	0.001	0.0	99	0.01
50	T	Dibromomethane	0.177	0.185	-4.5	97	0.01
51	T	2-Chloroethyl vinyl ether	0.101	0.119	-17.8	104	0.01
52	T	4-Methyl-2-pentanone	0.189	0.203	-7.4	100	0.01
53	T	cis-1,3-Dichloropropene	0.468	0.529	-13.0	101	0.01
54	S	Toluene-d8	1.252	1.302	-4.0	100	0.01
55	C,T,M	Toluene	1.455	1.527	-4.9	101	0.01
56	T	Ethyl methacrylate	0.243	0.268	-10.3	100	0.01
57	T	trans-1,3-Dichloropropene	0.342	0.432	-26.3#	105	0.01
58	T	1,1,2-Trichloroethane	0.195	0.203	-4.1	96	0.01
59	T	2-Hexanone	0.118	0.125	-5.9	98	0.01
60	T	1,3-Dichloropropane	0.364	0.383	-5.2	97	0.01
61	T	Tetrachloroethene	0.320	0.338	-5.6	104	0.01
62	T	Dibromochloromethane	0.270	0.289	-7.0	94	0.01
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.223	-7.7	97	0.01
65	T	1-Chlorohexane	0.564	0.643	-14.0	106	0.01
66	P,M	Chlorobenzene	0.934	0.954	-2.1	98	0.01
67	T	1,1,1,2-Tetrachloroethane	0.309	0.333	-7.8	101	0.01
68	C,T	Ethylbenzene	1.726	1.794	-3.9	100	0.01
69	T	m-Xylene & p-Xylene	1.315	1.402	-6.6	101	0.01
70	T	o-Xylene	1.261	1.323	-4.9	99	0.01
71	T	Styrene	0.894	0.974	-8.9	99	0.01
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	95	0.01
73	P,T	Bromoform	0.348	0.404	-16.1	97	0.03
74	T	Isopropylbenzene	4.596	4.974	-8.2	101	0.01
75	P,T	1,1,2,2-Tetrachloroethane	0.612	0.632	-3.3	93	0.01
76	S	4-Bromofluorobenzene	1.252	1.346	-7.5	100	0.01
77	T	1,2,3-Trichloropropane	0.159	0.180	-13.2	98	0.01
78	T	trans-1,4-Dichloro-2-butene	0.174	0.209	-20.1#	102	0.01
79	T	n-Propylbenzene	5.711	6.205	-8.6	99	0.01
80	T	Bromobenzene	0.978	1.033	-5.6	101	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10E20\REQ219.D Vial: 3
Acq On : 20 May 2010 12:34 pm Operator: SD
Sample : IVO05E1903 Inst : TO05
Misc : 10.0ppb 8260/50.0ppb KET-ACL-TBA/60.0ppb Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 21 13:13:07 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	3.676	3.945	-7.3	99	0.01
82	T	2-Chlorotoluene	3.781	3.850	-1.8	97	0.01
83	T	4-Chlorotoluene	3.277	3.514	-7.2	101	0.01
84	T	tert-Butylbenzene	0.729	0.790	-8.4	99	0.01
85	T	1,2,4-Trimethylbenzene	3.584	3.825	-6.7	98	0.01
86	T	sec-Butylbenzene	4.797	5.294	-10.4	101	0.01
87	T	p-Isopropyltoluene	3.814	4.306	-12.9	103	0.01
88	T	1,3-Dichlorobenzene	1.808	1.906	-5.4	99	0.01
89	T	1,4-Dichlorobenzene	1.766	1.881	-6.5	100	0.01
90	T	Benzyl Chloride	0.675	0.971	-43.9#	117	0.01
91	T	n-Butylbenzene	3.797	4.211	-10.9	100	0.01
92	T	1,2-Dichlorobenzene	1.502	1.548	-3.1	98	0.01
93	T	1,2-Dibromo-3-chloropropane	0.073	0.080	-9.6	91	0.01
94	T	1,2,4-Trichlorobenzene	0.869	1.029	-18.4	103	0.01
95	T	Hexachlorobutadiene	0.623	0.708	-13.6	107	0.01
96	T	Naphthalene	1.154	1.345	-16.6	96	0.01
97	T	1,2,3-Trichlorobenzene	0.679	0.750	-10.5	95	0.01

SU
5/26/10

(#) = Out of Range SPCC's out = 0 CCC's out = 0

DAILY CALIBRATIONS

2024

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RFQ100
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10F014
BFB Injection Date : 06/04/10
BFB Injection Time : 06:43
Heated Purge: (Y/N) N

m/c	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.38
75	30.0 - 60.0% of mass 95	24.[illegible]
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.25(0.4)1
174	Greater than 50% of mass 95	70.11
175	5.0 - 9.0% of mass 174	5.49(7.8)1
176	95.0 - 101.0% of mass 174	67.50(96.3)1
177	5.0 - 9.0% of mass 176	4.60(6.8)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005E1922	RFQ102	06/04/10	07:48
2	MBLK1W	V005F068	RFQ106	06/04/10	09:49
3	LCS1W	V005F06L	RFQ103	06/04/10	08:19
4	LCQ1W	V005F06C	RFQ104	06/04/10	08:49
5	T-8 PDL	F014-01T	RFQ107	06/04/10	10:18

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: REq195
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10F014
Date Analyzed: 05/19/10
Time Analyzed: 20:21
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1890193	8.17	1526461	12.90	540582	17.76
	UPPER LIMIT	3780386	8.67	3052922	13.40	1081164	18.26
	LOWER LIMIT	945097	7.67	763231	12.40	270291	17.26
	SAMPLE ID						
1	VSTD010	1811415	8.17	1477535	12.90	520928	17.76
2	MBLK1W	2114228	8.18	1725186	12.91	587966	17.77
3	LCS1W	1977940	8.18	1670146	12.91	593949	17.77
4	LCD1W	2003452	8.18	1674329	12.91	584991	17.77
5	T-8-9DL	1935991	8.17	1573847	12.90	551221	17.76

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D Vial: 4
Acq On : 4 Jun 2010 7:48 am Operator: SD
Sample : CVO05E1922 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	10.000	10.968	-9.7	105	-0.03
3	P,T	Chloromethane	10.000	8.233	17.7	86	-0.05
4	C,T	Vinyl chloride	10.000	10.022	-0.2	99	-0.03
5	T	Bromomethane	10.000	8.723	12.8	93	-0.03
6	T	Chloroethane	10.000	9.450	5.5	88	-0.03
7	T	Dichlorofluoromethane	10.000	10.830	-8.3	104	-0.03
8	T	Trichlorofluoromethane	10.000	10.447	-4.5	100	-0.03
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	19.456	61.1#	35	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.382	-3.8	101	-0.03
12	T	Acetone	50.000	49.421	1.2	93	-0.02
13	C,T,M	1,1-Dichloroethene	10.000	9.844	1.6	93	-0.02
14	T	tert-Butyl alcohol	50.000	50.265	-0.5	92	-0.02
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	7.251	27.5#	67	-0.03
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.53#
18	T	Methylene chloride	10.000	10.407	-4.1	98	-0.03
19	T	Carbon disulfide	10.000	9.295	7.1	88	-0.03
20	T	Acrylonitrile	60.000	57.875	3.5	86	-0.02
21	T	tert-Butyl methyl ether (MT	10.000	10.020	-0.2	89	-0.02
22	T	trans-1,2-Dichloroethene	10.000	9.544	4.6	91	-0.02
23	T	Isopropyl ether (DIPE)	10.000	9.894	1.1	89	-0.02
24	T	Vinyl acetate	10.000	8.685	13.1	81	0.00
25	P,T	1,1-Dichloroethane	10.000	9.771	2.3	94	-0.02
26	T	2-Butanol	50.000	6.725	86.5#	0	-5.93#
27	T	tert-Butyl ethyl ether (ETB	10.000	10.177	-1.8	90	0.00
28	T	2-Butanone	50.000	48.540	2.9	89	-0.02
29	T	2,2-Dichloropropane	10.000	11.110	-11.1	104	0.00
30	T	cis-1,2-Dichloroethene	10.000	9.311	6.9	88	-0.02
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	10.356	-3.6	98	-0.02
33	T	Bromochloromethane	10.000	9.981	0.2	92	0.00
34	S	Dibromofluoromethane	10.000	10.503	-5.0	96	0.00
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	10.258	-2.6	94	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	10.222	-2.2	87	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.994	-9.9	100	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D Vial: 4
Acq On : 4 Jun 2010 7:48 am Operator: SD
Sample : CVO05E1922 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.802	2.0	92	-0.02
42	T	Carbon tetrachloride	10.000	10.309	-3.1	96	0.00
43	T	1,2-Dichloroethane	10.000	10.309	-3.1	95	0.00
44	T,M	Benzene	10.000	9.629	3.7	91	0.00
45	T,M	Trichloroethene	10.000	9.796	2.0	94	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.78#
47	C,T	1,2-Dichloropropane	10.000	9.695	3.0	90	0.00
48	T	Bromodichloromethane	10.000	9.906	0.9	89	0.00
49	T	1,4-Dioxane	200.000	199.137	0.4	95	0.01
50	T	Dibromomethane	10.000	9.390	6.1	86	0.00
51	T	2-Chloroethyl vinyl ether	10.000	9.443	5.6	82	0.00
52	T	4-Methyl-2-pentanone	50.000	48.447	3.1	88	0.01
53	T	cis-1,3-Dichloropropene	10.000	10.391	-3.9	91	0.01
54	S	Toluene-d8	10.000	10.070	-0.7	96	0.00
55	C,T,M	Toluene	10.000	9.515	4.8	90	0.00
56	T	Ethyl methacrylate	10.000	10.014	-0.1	89	0.01
57	T	trans-1,3-Dichloropropene	10.000	9.581	4.2	95	0.00
58	T	1,1,2-Trichloroethane	10.000	9.509	4.9	86	0.00
59	T	2-Hexanone	50.000	47.670	4.7	88	0.01
60	T	1,3-Dichloropropane	10.000	9.952	0.5	90	0.00
61	T	Tetrachloroethene	10.000	9.790	2.1	95	0.00
62	T	Dibromochloromethane	10.000	9.883	1.2	85	0.01
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	9.759	2.4	87	0.00
65	T	1-Chlorohexane	10.000	10.334	-3.3	95	0.00
66	P,M	Chlorobenzene	10.000	9.529	4.7	91	0.01
67	T	1,1,1,2-Tetrachloroethane	10.000	10.293	-2.9	95	0.01
68	C,T	Ethylbenzene	10.000	9.876	1.2	94	0.01
69	T	m-Xylene & p-Xylene	20.000	20.061	-0.3	94	0.01
70	T	o-Xylene	10.000	10.019	-0.2	93	0.00
71	T	Styrene	10.000	10.070	-0.7	91	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	96	0.00
73	P,T	Bromoform	10.000	7.703	23.0#	81	0.01
74	T	Isopropylbenzene	10.000	10.061	-0.6	96	0.01
75	P,T	1,1,2,2-Tetrachloroethane	10.000	9.488	5.1	87	0.00
76	S	4-Bromofluorobenzene	10.000	10.759	-7.6	102	0.01
77	T	1,2,3-Trichloropropane	10.000	10.284	-2.8	91	0.01
78	T	trans-1,4-Dichloro-2-butene	10.000	9.346	6.5	93	0.00
79	T	n-Propylbenzene	10.000	10.184	-1.8	95	0.00
80	T	Bromobenzene	10.000	9.795	2.1	95	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D Vial: 4
Acq On : 4 Jun 2010 7:48 am Operator: SD
Sample : CVO05E1922 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	9.825	1.8	92	0.01
82	T	2-Chlorotoluene	10.000	9.796	2.0	95	0.01
83	T	4-Chlorotoluene	10.000	9.744	2.6	93	0.01
84	T	tert-Butylbenzene	10.000	10.155	-1.5	94	0.00
85	T	1,2,4-Trimethylbenzene	10.000	9.672	3.3	90	0.00
86	T	sec-Butylbenzene	10.000	10.197	-2.0	95	0.01
87	T	p-Isopropyltoluene	10.000	10.317	-3.2	95	0.01
88	T	1,3-Dichlorobenzene	10.000	9.627	3.7	92	0.01
89	T	1,4-Dichlorobenzene	10.000	9.584	4.2	92	0.00
90	T	Benzyl Chloride	10.000	8.362	16.4	88	0.00
91	T	n-Butylbenzene	10.000	10.317	-3.2	94	0.01
92	T	1,2-Dichlorobenzene	10.000	9.216	7.8	89	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	6.886	31.1#	73	0.01
94	T	1,2,4-Trichlorobenzene	10.000	9.604	4.0	85	0.01
95	T	Hexachlorobutadiene	10.000	9.994	0.1	96	0.00
96	T	Naphthalene	10.000	7.937	20.6#	81	0.00
97	T	1,2,3-Trichlorobenzene	10.000	9.234	7.7	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D
Acq On : 4 Jun 2010 7:48 am
Sample : CVO05E1922
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn
MS Integration Params: 524INT.P

Vial: 4
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	0.368	0.404	-9.8	105	-0.03
3	P,T	Chloromethane	0.429	0.368	14.2	86	-0.05
4	C,T	Vinyl chloride	0.390	0.391	-0.3	99	-0.03
5	T	Bromomethane	0.266	0.232	12.8	93	-0.03
6	T	Chloroethane	0.265	0.251	5.3	88	-0.03
7	T	Dichlorofluoromethane	0.865	0.937	-8.3	104	-0.03
8	T	Trichlorofluoromethane	0.608	0.635	-4.4	100	-0.03
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.018	0.007	61.1#	35#	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.242	0.251	-3.7	101	-0.03
12	T	Acetone	0.041	0.040	2.4	93	-0.02
13	C,T,M	1,1-Dichloroethene	0.617	0.607	1.6	93	-0.02
14	T	tert-Butyl alcohol	0.011	0.011	0.0	92	-0.02
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.263	0.226	14.1	67	-0.03
17	T	Methyl acetate	0.103	0.000	100.0#	0#	-4.53#
18	T	Methylene chloride	0.459	0.431	6.1	98	-0.03
19	T	Carbon disulfide	1.106	1.028	7.1	88	-0.03
20	T	Acrylonitrile	0.043	0.041	4.7	86	-0.02
21	T	tert-Butyl methyl ether (MT	0.509	0.510	-0.2	89	-0.02
22	T	trans-1,2-Dichloroethene	0.568	0.542	4.6	91	-0.02
23	T	Isopropyl ether (DIPE)	0.971	0.961	1.0	89	-0.02
24	T	Vinyl acetate	0.342	0.297	13.2	81	0.00
25	P,T	1,1-Dichloroethane	0.641	0.626	2.3	94	-0.02
26	T	2-Butanol	0.008	0.000	100.0#	0#	-5.93#
27	T	tert-Butyl ethyl ether (ETB	0.772	0.786	-1.8	90	0.00
28	T	2-Butanone	0.060	0.058	3.3	89	-0.02
29	T	2,2-Dichloropropane	0.524	0.582	-11.1	104	0.00
30	T	cis-1,2-Dichloroethene	0.354	0.330	6.8	88	-0.02
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.620	0.643	-3.7	98	-0.02
33	T	Bromochloromethane	0.227	0.226	0.4	92	0.00
34	S	Dibromofluoromethane	0.358	0.376	-5.0	96	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.563	0.577	-2.5	94	0.00
37	T	Cyclohexane	0.619	0.000	100.0#	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.118	0.120	-1.7	87	0.00
39	S	1,2-Dichloroethane-d4	0.296	0.326	-10.1	100	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D Vial: 4
Acq On : 4 Jun 2010 7:48 am Operator: SD
Sample : CVO05E1922 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.197	0.193	2.0	92	-0.02
42	T	Carbon tetrachloride	0.592	0.610	-3.0	96	0.00
43	T	1,2-Dichloroethane	0.437	0.451	-3.2	95	0.00
44	T,M	Benzene	1.455	1.401	3.7	91	0.00
45	T,M	Trichloroethene	0.430	0.421	2.1	94	0.00
46	T	Methylcyclohexane	0.610	0.000	100.0#	0#	-8.78#
47	C,T	1,2-Dichloropropane	0.350	0.340	2.9	90	0.00
48	T	Bromodichloromethane	0.471	0.466	1.1	89	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	95	0.01
50	T	Dibromomethane	0.177	0.166	6.2	86	0.00
51	T	2-Chloroethyl vinyl ether	0.101	0.095	5.9	82	0.00
52	T	4-Methyl-2-pentanone	0.189	0.183	3.2	88	0.01
53	T	cis-1,3-Dichloropropene	0.468	0.486	-3.8	91	0.01
54	S	Toluene-d8	1.252	1.261	-0.7	96	0.00
55	C,T,M	Toluene	1.455	1.384	4.9	90	0.00
56	T	Ethyl methacrylate	0.243	0.243	0.0	89	0.01
57	T	trans-1,3-Dichloropropene	0.342	0.395	-15.5	95	0.00
58	T	1,1,2-Trichloroethane	0.195	0.186	4.6	86	0.00
59	T	2-Hexanone	0.118	0.113	4.2	88	0.01
60	T	1,3-Dichloropropane	0.364	0.362	0.5	90	0.00
61	T	Tetrachloroethene	0.320	0.313	2.2	95	0.00
62	T	Dibromochloromethane	0.270	0.266	1.5	85	0.01
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.202	2.4	87	0.00
65	T	1-Chlorohexane	0.564	0.583	-3.4	95	0.00
66	P,M	Chlorobenzene	0.934	0.890	4.7	91	0.01
67	T	1,1,1,2-Tetrachloroethane	0.309	0.318	-2.9	95	0.01
68	C,T	Ethylbenzene	1.726	1.704	1.3	94	0.01
69	T	m-Xylene & p-Xylene	1.315	1.319	-0.3	94	0.01
70	T	o-Xylene	1.261	1.263	-0.2	93	0.00
71	T	Styrene	0.894	0.900	-0.7	91	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	96	0.00
73	P,T	Bromoform	0.348	0.330	5.2	81	0.01
74	T	Isopropylbenzene	4.596	4.624	-0.6	96	0.01
75	P,T	1,1,2,2-Tetrachloroethane	0.612	0.581	5.1	87	0.00
76	S	4-Bromofluorobenzene	1.252	1.347	-7.6	102	0.01
77	T	1,2,3-Trichloropropane	0.159	0.164	-3.1	91	0.01
78	T	trans-1,4-Dichloro-2-butene	0.174	0.189	-8.6	93	0.00
79	T	n-Propylbenzene	5.711	5.816	-1.8	95	0.00
80	T	Bromobenzene	0.978	0.958	2.0	95	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F04\RFQ102.D Vial: 4
Acq On : 4 Jun 2010 7:48 am Operator: SD
Sample : CVO05E1922 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	3.676	3.611	1.8	92	0.01
82	T	2-Chlorotoluene	3.781	3.704	2.0	95	0.01
83	T	4-Chlorotoluene	3.277	3.193	2.6	93	0.01
84	T	tert-Butylbenzene	0.729	0.740	-1.5	94	0.00
85	T	1,2,4-Trimethylbenzene	3.584	3.466	3.3	90	0.00
86	T	sec-Butylbenzene	4.797	4.891	-2.0	95	0.01
87	T	p-Isopropyltoluene	3.814	3.934	-3.1	95	0.01
88	T	1,3-Dichlorobenzene	1.808	1.740	3.8	92	0.01
89	T	1,4-Dichlorobenzene	1.766	1.692	4.2	92	0.00
90	T	Benzyl Chloride	0.675	0.717	-6.2	88	0.00
91	T	n-Butylbenzene	3.797	3.918	-3.2	94	0.01
92	T	1,2-Dichlorobenzene	1.502	1.384	7.9	89	0.00
93	T	1,2-Dibromo-3-chloropropane	0.073	0.062	15.1	73	0.01
94	T	1,2,4-Trichlorobenzene	0.869	0.834	4.0	85	0.01
95	T	Hexachlorobutadiene	0.623	0.622	0.2	96	0.00
96	T	Naphthalene	1.154	1.118	3.1	81	0.00
97	T	1,2,3-Trichlorobenzene	0.679	0.627	7.7	81	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RFQ145
Instrument ID: T005
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70,
SAS No.: SDG No.: 1DF014
BFB Injection Date : 06/08/10
BFB Injection Time : 11:08
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.96
75	30.0 - 60.0% of mass 95	53.85
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.98
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	70.59
175	5.0 - 9.0% of mass 174	5.49(7.8)1
176	95.0 - 101.0% of mass 174	69.78(98.8)1
177	5.0 - 9.0% of mass 176	4.66(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTQ010	CV005E1924	RFQ146	06/08/10	11:38
2	MBLK2W	V005F098	RFQ149	06/08/10	14:48
3	LCS2W	V005F09L	RFQ147	06/08/10	12:12
4	LCD2W	V005F09C	RFQ148	06/08/10	14:19
5	T-8-9	F014-01R	RFQ160	06/08/10	20:19

FORM V VOA DLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: REQ195
Instrument ID: TQ05
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70,
SDG No.: 10F014
Date Analyzed: 05/19/10
Time Analyzed: 20:21
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1890193	8.17	1526461	12.90	540582	17.76
UPPER LIMIT	3780386	8.67	3052922	13.40	1081164	18.26
LOWER LIMIT	945097	7.67	763231	12.40	270291	17.26
SAMPLE ID						
1 VSTD010	1402782	8.17	1136229	12.90	403156	17.76
2 MBLK2W	1664403	8.17	1434191	12.90	468482	17.76
3 LCS2W	1466948	8.17	1222498	12.90	427782	17.76
4 LCD2W	1600098	8.18	1314187	12.90	466180	17.77
5 T-8-9	1141561	8.17	969334	12.91	313515	17.76

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D
Acq On : 8 Jun 2010 11:38 am
Sample : CVO05E1924
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	10.000	11.636	-16.4	86	-0.03
3	P,T	Chloromethane	10.000	8.051	19.5	65	-0.05
4	C,T	Vinyl chloride	10.000	9.809	1.9	75	-0.03
5	T	Bromomethane	10.000	9.580	4.2	79	-0.03
6	T	Chloroethane	10.000	9.852	1.5	71	-0.03
7	T	Dichlorofluoromethane	10.000	11.175	-11.8	83	-0.03
8	T	Trichlorofluoromethane	10.000	11.584	-15.8	85	-0.03
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	46.139	7.7	65	-0.03
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.164	-11.6	84	-0.03
12	T	Acetone	50.000	50.632	-1.3	74	-0.03
13	C,T,M	1,1-Dichloroethene	10.000	10.273	-2.7	76	-0.03
14	T	tert-Butyl alcohol	50.000	56.474	-12.9	80	-0.03
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	8.592	14.1	63	-0.03
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.53#
18	T	Methylene chloride	10.000	10.966	-9.7	80	-0.03
19	T	Carbon disulfide	10.000	9.332	6.7	69	-0.03
20	T	Acrylonitrile	60.000	61.631	-2.7	71	-0.03
21	T	tert-Butyl methyl ether (MT	10.000	10.882	-8.8	75	-0.03
22	T	trans-1,2-Dichloroethene	10.000	9.860	1.4	73	-0.03
23	T	Isopropyl ether (DIPE)	10.000	10.195	-2.0	71	-0.03
24	T	Vinyl acetate	10.000	9.139	8.6	66	-0.01
25	P,T	1,1-Dichloroethane	10.000	10.240	-2.4	76	-0.03
26	T	2-Butanol	50.000	6.725	86.5#	0	-5.93#
27	T	tert-Butyl ethyl ether (ETB	10.000	10.811	-8.1	74	-0.01
28	T	2-Butanone	50.000	50.551	-1.1	71	-0.03
29	T	2,2-Dichloropropane	10.000	12.039	-20.4#	87	-0.01
30	T	cis-1,2-Dichloroethene	10.000	9.944	0.6	73	-0.03
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	11.081	-10.8	81	-0.03
33	T	Bromochloromethane	10.000	10.082	-0.8	72	-0.03
34	S	Dibromofluoromethane	10.000	10.889	-8.9	77	-0.01
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	11.449	-14.5	81	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	11.269	-12.7	74	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.982	-9.8	77	-0.02
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	74	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D Vial: 2
Acq On : 8 Jun 2010 11:38 am Operator: SD
Sample : CVO05E1924 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	10.461	-4.6	76	-0.02
42	T	Carbon tetrachloride	10.000	11.355	-13.6	81	0.00
43	T	1,2-Dichloroethane	10.000	11.464	-14.6	81	0.00
44	T,M	Benzene	10.000	10.195	-2.0	74	0.00
45	T,M	Trichloroethene	10.000	10.407	-4.1	76	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.78#
47	C,T	1,2-Dichloropropane	10.000	10.202	-2.0	73	0.00
48	T	Bromodichloromethane	10.000	10.943	-9.4	76	0.00
49	T	1,4-Dioxane	200.000	205.370	-2.7	75	0.00
50	T	Dibromomethane	10.000	10.442	-4.4	73	0.00
51	T	2-Chloroethyl vinyl ether	10.000	9.552	4.5	64	0.00
52	T	4-Methyl-2-pentanone	50.000	50.661	-1.3	71	0.00
53	T	cis-1,3-Dichloropropene	10.000	11.166	-11.7	75	0.00
54	S	Toluene-d8	10.000	10.139	-1.4	74	-0.02
55	C,T,M	Toluene	10.000	10.215	-2.1	75	0.00
56	T	Ethyl methacrylate	10.000	10.981	-9.8	75	0.00
57	T	trans-1,3-Dichloropropene	10.000	10.532	-5.3	80	0.00
58	T	1,1,2-Trichloroethane	10.000	10.654	-6.5	74	-0.02
59	T	2-Hexanone	50.000	50.162	-0.3	71	0.00
60	T	1,3-Dichloropropane	10.000	10.635	-6.3	74	-0.02
61	T	Tetrachloroethene	10.000	10.811	-8.1	80	-0.02
62	T	Dibromochloromethane	10.000	11.240	-12.4	75	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	10.881	-8.8	75	-0.02
65	T	1-Chlorohexane	10.000	11.156	-11.6	79	-0.01
66	P,M	Chlorobenzene	10.000	10.480	-4.8	77	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	11.280	-12.8	80	0.00
68	C,T	Ethylbenzene	10.000	10.695	-7.0	78	0.00
69	T	m-Xylene & p-Xylene	20.000	22.073	-10.4	80	0.00
70	T	o-Xylene	10.000	11.068	-10.7	79	-0.01
71	T	Styrene	10.000	11.239	-12.4	78	-0.01
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	75	0.00
73	P,T	Bromoform	10.000	9.128	8.7	75	0.00
74	T	Isopropylbenzene	10.000	11.138	-11.4	82	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	10.356	-3.6	74	-0.01
76	S	4-Bromofluorobenzene	10.000	10.913	-9.1	80	0.00
77	T	1,2,3-Trichloropropane	10.000	11.823	-18.2	81	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	10.113	-1.1	78	0.00
79	T	n-Propylbenzene	10.000	10.964	-9.6	79	0.00
80	T	Bromobenzene	10.000	10.684	-6.8	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D
Acq On : 8 Jun 2010 11:38 am
Sample : CVO05E1924
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.840	-8.4	78	0.00
82	T	2-Chlorotoluene	10.000	10.889	-8.9	81	0.00
83	T	4-Chlorotoluene	10.000	10.308	-3.1	76	0.00
84	T	tert-Butylbenzene	10.000	11.051	-10.5	80	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.682	-6.8	77	0.00
86	T	sec-Butylbenzene	10.000	11.243	-12.4	81	0.00
87	T	p-Isopropyltoluene	10.000	11.193	-11.9	80	0.00
88	T	1,3-Dichlorobenzene	10.000	10.350	-3.5	76	0.00
89	T	1,4-Dichlorobenzene	10.000	10.371	-3.7	77	0.00
90	T	Benzyl Chloride	10.000	9.799	2.0	80	0.00
91	T	n-Butylbenzene	10.000	10.959	-9.6	78	0.00
92	T	1,2-Dichlorobenzene	10.000	9.854	1.5	74	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	8.064	19.4	66	0.00
94	T	1,2,4-Trichlorobenzene	10.000	10.995	-9.9	75	0.00
95	T	Hexachlorobutadiene	10.000	11.031	-10.3	82	0.00
96	T	Naphthalene	10.000	7.834	21.7#	62	0.00
97	T	1,2,3-Trichlorobenzene	10.000	10.160	-1.6	69	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D Vial: 2
Acq On : 8 Jun 2010 11:38 am Operator: SD
Sample : CVO05E1924 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	0.368	0.428	-16.3	86	-0.03
3	P,T	Chloromethane	0.429	0.359	16.3	65	-0.05
4	C,T	Vinyl chloride	0.390	0.383	1.8	75	-0.03
5	T	Bromomethane	0.266	0.254	4.5	79	-0.03
6	T	Chloroethane	0.265	0.261	1.5	71	-0.03
7	T	Dichlorofluoromethane	0.865	0.967	-11.8	83	-0.03
8	T	Trichlorofluoromethane	0.608	0.704	-15.8	85	-0.03
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.018	0.017	5.6	65	-0.03
11	T	1,1,2-Trichloro-1,2,2-trifl	0.242	0.270	-11.6	84	-0.03
12	T	Acetone	0.041	0.041	0.0	74	-0.03
13	C,T,M	1,1-Dichloroethene	0.617	0.634	-2.8	76	-0.03
14	T	tert-Butyl alcohol	0.011	0.013	-18.2	80	-0.03
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.263	0.274	-4.2	63	-0.03
17	T	Methyl acetate	0.103	0.000	100.0#	0#	-4.53#
18	T	Methylene chloride	0.459	0.454	1.1	80	-0.03
19	T	Carbon disulfide	1.106	1.032	6.7	69	-0.03
20	T	Acrylonitrile	0.043	0.044	-2.3	71	-0.03
21	T	tert-Butyl methyl ether (MT	0.509	0.554	-8.8	75	-0.03
22	T	trans-1,2-Dichloroethene	0.568	0.560	1.4	73	-0.03
23	T	Isopropyl ether (DIPE)	0.971	0.990	-2.0	71	-0.03
24	T	Vinyl acetate	0.342	0.313	8.5	66	-0.01
25	P,T	1,1-Dichloroethane	0.641	0.656	-2.3	76	-0.03
26	T	2-Butanol	0.008	0.000	100.0#	0#	-5.93#
27	T	tert-Butyl ethyl ether (ETB	0.772	0.834	-8.0	74	-0.01
28	T	2-Butanone	0.060	0.061	-1.7	71	-0.03
29	T	2,2-Dichloropropane	0.524	0.630	-20.2#	87	-0.01
30	T	cis-1,2-Dichloroethene	0.354	0.352	0.6	73	-0.03
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.620	0.688	-11.0	81	-0.03
33	T	Bromochloromethane	0.227	0.229	-0.9	72	-0.03
34	S	Dibromofluoromethane	0.358	0.390	-8.9	77	-0.01
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.563	0.644	-14.4	81	0.00
37	T	Cyclohexane	0.619	0.000	100.0#	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.118	0.133	-12.7	74	0.00
39	S	1,2-Dichloroethane-d4	0.296	0.326	-10.1	77	-0.02
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	74	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D Vial: 2
Acq On : 8 Jun 2010 11:38 am Operator: SD
Sample : CVO05E1924 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.197	0.206	-4.6	76	-0.02
42	T	Carbon tetrachloride	0.592	0.672	-13.5	81	0.00
43	T	1,2-Dichloroethane	0.437	0.501	-14.6	81	0.00
44	T,M	Benzene	1.455	1.484	-2.0	74	0.00
45	T,M	Trichloroethene	0.430	0.447	-4.0	76	0.00
46	T	Methylcyclohexane	0.610	0.000	100.0#	0#	-8.78#
47	C,T	1,2-Dichloropropane	0.350	0.357	-2.0	73	0.00
48	T	Bromodichloromethane	0.471	0.515	-9.3	76	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	75	0.00
50	T	Dibromomethane	0.177	0.185	-4.5	73	0.00
51	T	2-Chloroethyl vinyl ether	0.101	0.096	5.0	64	0.00
52	T	4-Methyl-2-pentanone	0.189	0.191	-1.1	71	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.522	-11.5	75	0.00
54	S	Toluene-d8	1.252	1.270	-1.4	74	-0.02
55	C,T,M	Toluene	1.455	1.486	-2.1	75	0.00
56	T	Ethyl methacrylate	0.243	0.266	-9.5	75	0.00
57	T	trans-1,3-Dichloropropene	0.342	0.435	-27.2#	80	0.00
58	T	1,1,2-Trichloroethane	0.195	0.208	-6.7	74	-0.02
59	T	2-Hexanone	0.118	0.119	-0.8	71	0.00
60	T	1,3-Dichloropropane	0.364	0.387	-6.3	74	-0.02
61	T	Tetrachloroethene	0.320	0.345	-7.8	80	-0.02
62	T	Dibromochloromethane	0.270	0.303	-12.2	75	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.226	-9.2	75	-0.02
65	T	1-Chlorohexane	0.564	0.630	-11.7	79	-0.01
66	P,M	Chlorobenzene	0.934	0.979	-4.8	77	0.00
67	T	1,1,1,2-Tetrachloroethane	0.309	0.348	-12.6	80	0.00
68	C,T	Ethylbenzene	1.726	1.846	-7.0	78	0.00
69	T	m-Xylene & p-Xylene	1.315	1.451	-10.3	80	0.00
70	T	o-Xylene	1.261	1.396	-10.7	79	-0.01
71	T	Styrene	0.894	1.005	-12.4	78	-0.01
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	75	0.00
73	P,T	Bromoform	0.348	0.393	-12.9	75	0.00
74	T	Isopropylbenzene	4.596	5.118	-11.4	82	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.612	0.634	-3.6	74	-0.01
76	S	4-Bromofluorobenzene	1.252	1.366	-9.1	80	0.00
77	T	1,2,3-Trichloropropane	0.159	0.188	-18.2	81	0.00
78	T	trans-1,4-Dichloro-2-butene	0.174	0.205	-17.8	78	0.00
79	T	n-Propylbenzene	5.711	6.261	-9.6	79	0.00
80	T	Bromobenzene	0.978	1.045	-6.9	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F08\RFQ146.D Vial: 2
Acq On : 8 Jun 2010 11:38 am Operator: SD
Sample : CVO05E1924 Inst : TO05
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb Acn Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05E19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri May 28 12:48:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	3.676	3.985	-8.4	78	0.00
82	T	2-Chlorotoluene	3.781	4.117	-8.9	81	0.00
83	T	4-Chlorotoluene	3.277	3.378	-3.1	76	0.00
84	T	tert-Butylbenzene	0.729	0.806	-10.6	80	0.00
85	T	1,2,4-Trimethylbenzene	3.584	3.828	-6.8	77	0.00
86	T	sec-Butylbenzene	4.797	5.393	-12.4	81	0.00
87	T	p-Isopropyltoluene	3.814	4.269	-11.9	80	0.00
88	T	1,3-Dichlorobenzene	1.808	1.871	-3.5	76	0.00
89	T	1,4-Dichlorobenzene	1.766	1.831	-3.7	77	0.00
90	T	Benzyl Chloride	0.675	0.848	-25.6#	80	0.00
91	T	n-Butylbenzene	3.797	4.162	-9.6	78	0.00
92	T	1,2-Dichlorobenzene	1.502	1.480	1.5	74	0.00
93	T	1,2-Dibromo-3-chloropropane	0.073	0.074	-1.4	66	0.00
94	T	1,2,4-Trichlorobenzene	0.869	0.955	-9.9	75	0.00
95	T	Hexachlorobutadiene	0.623	0.687	-10.3	82	0.00
96	T	Naphthalene	1.154	1.103	4.4	62	0.00
97	T	1,2,3-Trichlorobenzene	0.679	0.690	-1.6	69	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 5/19/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -053

BATCH V005E19 G

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RSQ189	RFB05E13	5mL	N/A	N/A		5:21pm
02	190	V005E191	[illegible]				[illegible] 0.3 / 1.5 / 1.5 ppb
03	191	2	[illegible]				0.5 / 2.5 / 5.0
04	192	3	[illegible]				1.0 / 5.0 / 6.0
05	193	4	[illegible]				2.0 / 10 / 12
06	194	5	[illegible]				5.0 / 25 / 30
07	195	6	[illegible]				10 / 50 / 60
08	196	7	[illegible]			NOT USED	20 / 100 / 120
09	197	8	[illegible]				40 / 200 / 240
10	198	9	[illegible]				50 / 250 / 300
11	199	10	[illegible]			NOT USED	100 / 500 / 600
12	200	10/55					
13	201	V005E13B					
14	202	V005E190 1	[illegible]				10 / 50 / 60 ppb
15	203	RINSE					12:24am
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							[illegible] 5/20/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	5/19/10
ICAL ID	V005E19

STANDARDS

NAME	ID	CONC. (ug/L)
DCC [illegible]	SV1-15 - 83-3	250
DCC 8260	-84-2	50/250
DCC [illegible]	-92-1 -93-1	250 250/1250
BFB	-87-2	50
IS/SURR IS SS	-91-1 -91-2	250 250
LCS [illegible]	-92-3	250
LCS 8260	-78-2	50/250
LCS [illegible]	-92-2 -93-2	250 50/250

SOLVENT	ID
METHANOL	
DATA FILE	10519

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: [illegible]

Date Disposed: 5/20/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 5/20/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -053

BATCH V005E19

Sample Prep ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	REQ217	REB05E15	3mL	N/A	N/A		11:46am
02	218	V005E19 02	5ml/1/pm				10mg spike
03	219	03	5ml/1/pm				10/50/60 ppb
04	220	RINSE	25mL				1:13pm
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							5/21/10

Instrument No.		05
INITIAL CALIBRATION REFERENCE		
DATE	5/19/10	
ICAL ID	V005E19	
STANDARDS		
NAME	ID	CONC (ug/L)
DCC		
DCC		
DCC		
BFB	SV1-15-87-2	50
IS/SURR	-77-3	250
LCS KET-Act-Acr	-92-3	250
LCS 8260	-70-2	50/250
LCS 624/524.2	-92-2 / -93-2	250 / 50/250
SOLVENT	ID	
METHANOL		
DATA FILE	10520	
Electronic Data Archival		
Location		Date
HPCHEM_VOA/T005		

Comments:

Analyzed By: [illegible]

Date Disposed: 5/21/10

Disposed By: [illegible]

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 6/14/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -053

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RFQ100	RFR05F06	5ml				6:43am
02	101	STD CHK					25ml, was run on [illegible]
03	102	CV005E1922	25/1ml				
04	103	V005F08L					
05	104	↓ C	↓				
06	105	RINSE	25ml				
07	106	V005F06R	↓				
08	107	10F014-01T	0.70ml	50	<2		
09	108	10F010-01	25ml	1.0	↓		
10	109	↓ -02	↓	↓	↓		
11	110	↓ -03	↓	↓	↓		
12	111	10F038-01	↓	↓	↓		
13	112	↓ -02	↓	↓	↓		
14	113	10F019-04U	↓	↓	↓		
15	114	↓ -04V	↓	↓	↓		
16	115	RINSE	↓	↓	↓		
17	116	↓	↓	↓	↓		
18	117	10F032-017	0.70ml	50	<2		
19	118	RINSE					4:14pm
20							
21							
22							
23							
24							
25							od 6/7/10

BATCH CV005E1922

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	5/19/10
ICAL ID	V005E19

STANDARDS		
NAME	ID	CONC (ug/L)
DCC	GV1-15-83-3	
DCC	-86-2	
DCC	-83-1	
BFB	-87-2	50/25ml
IS/SURR	-78-1	
LCS	-92-3	
LCS	-70-2	
LCS	-92-2	

SOLVENT	ID
METHANOL	
DATA FILE	10F046

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T003	

Comments:

Analyzed By: od

Date Disposed: 6/7/10

Disposed By: od

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 6/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -053

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RFQ145	RFQ05F09		5ml				11:08PM
02	146	CV005E029	19 ml 6/9/10	5/5/ml				
03	147	V005F09C						
04	148	C						
05	149	~~RFQ05~~ V005F09B		25ml				
06	150	~~V005F09B~~ 6/9/10	10F038-04R		1.0	L2		
07	151	10F038-02R				L2		
08	152	10F082-07						B-02-02-12
09	153	10F019-04R						
10	154	-01R						
11	155	-02R						
12	156	-03R						
13	157	-05R						
14	158	-06R						
15	159	10F019-07R						
16	160	10F014-01R						
17	161	RINSE						8:49pm
18								
19								
20								
21								
22								
23								
24								
25								6/9/10

BATCH CV005F032

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	5/19/10
ICAL ID	V005E19

STANDARDS

NAME	ID	CONC (ug/L)
DCC	8M1-15-83-3	
DCC	-86-2	
DCC	-83-1	
BFB	-87-2	50/250
IS/SURR	-78-1	
LCS	-92-3	
LCS	-70-2	
LCS	-92-2	

SOLVENT	ID
METHANOL	
DATA FILE	10F09

Electronic Data Archival

Location	Date
MPCHEM_VOA/TO05	

Comments:

Analyzed By: [illegible]

Date Disposed: 6/9/10

Disposed By: [illegible]

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS
(SOIL)

SDG#: 10F014

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

One (1) soil sample was received on 06/02/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Sample was analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for VO02F04L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10F014
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-002

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	V002F04B	1	NA	06/03/1010:07	06/03/1010:07	RFP056	RCP006	V002F04	Method Blank
LCS1S	V002F04L	1	NA	06/03/1007:45	06/03/1007:45	RFP052	RCP006	V002F04	Lab Control Sample (LCS)
LCD1S	V002F04C	1	NA	06/03/1008:21	06/03/1008:21	RFP053	RCP006	V002F04	LCS Duplicate
B-1-2-3	F014-02	1	23.8	06/03/1016:34	06/03/1016:34	RFP067	RCP006	V002F04	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

Method 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/03/10 16:34
Sample ID:	B-1-2-3	Date Analyzed:	06/03/10 16:34
Lab Samp ID:	F014-02	Dilution Factor:	1
Lab File ID:	RFP067	Matrix	: SOIL
Ext Btch ID:	VOOZF04	% Moisture	: 23.8
Calib. Ref.:	RCP006	Instrument ID	: T-002

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.6	2.6
1,1,1,2-TETRACHLOROETHANE	ND	6.6	5.6
1,1,2,2-TETRACHLOROETHANE	ND	6.6	5.6
1,1,2-TRICHLOROETHANE	ND	6.6	5.6
FREON113	ND	6.6	2.6
1,1-DICHLOROETHANE	ND	6.6	2.6
1,1-DICHLOROETHENE	ND	6.6	2.6
1,1-DICHLOROPROPENE	ND	6.6	2.6
1,2-DIBROMO-3-CHLOROPROPANE	ND	13	5.6
1,2-DIBROMOETHANE	ND	6.6	5.6
1,2-DICHLOROBENZENE	ND	6.6	5.6
1,2-DICHLOROETHANE	ND	6.6	5.6
1,2-DICHLOROPROPANE	ND	6.6	2.6
1,2,3-TRICHLOROBENZENE	ND	6.6	5.6
1,2,3-TRICHLOROPROPANE	ND	6.6	5.6
1,2,4-TRICHLOROBENZENE	ND	6.6	5.6
1,2,4-TRIMETHYLBENZENE	ND	6.6	2.6
1,3-DICHLOROBENZENE	ND	6.6	2.6
1,3,5-TRIMETHYLBENZENE	ND	6.6	2.6
1,4-DICHLOROBENZENE	ND	6.6	2.6
2-BUTANONE	ND	13	6.6
2-CHLOROTOLUENE	ND	6.6	2.6
2-HEXANONE	ND	13	6.6
2,2-DICHLOROPROPANE	ND	6.6	2.6
4-CHLOROTOLUENE	ND	6.6	2.6
4-METHYL-2-PENTANONE	ND	13	6.6
N-BUTYLBENZENE	ND	6.6	5.6
N-PROPYLBENZENE	ND	6.6	5.6
P-ISOPROPYLTOLUENE	ND	6.6	5.6
SEC-BUTYLBENZENE	ND	6.6	5.6
TERT-BUTYLBENZENE	ND	6.6	2.6
ACETONE	ND	13	6.6
BENZENE	ND	6.6	2.6
BROMOBENZENE	ND	6.6	5.6
BROMODICHLOROMETHANE	ND	6.6	2.6
CIS-1,3-DICHLOROPROPENE	ND	6.6	5.6
TRANS-1,3-DICHLOROPROPENE	ND	6.6	5.6
BROMOMETHANE	ND	13	5.6
BROMOFORM	ND	6.6	2.6
CARBON DISULFIDE	ND	6.6	2.6
CARBON TETRACHLORIDE	ND	6.6	2.6
CHLOROBENZENE	ND	6.6	5.6
CHLOROETHANE	ND	6.6	5.6
CHLOROFORM	ND	6.6	5.6
CHLOROMETHANE	ND	13	5.6
CIS-1,2-DICHLOROETHENE	ND	6.6	2.6
DICHLORODIFLUOROMETHANE	ND	13	5.6
DIBROMOCHLOROMETHANE	ND	6.6	5.6
DIBROMOMETHANE	ND	6.6	5.6
ETHYLBENZENE	ND	6.6	2.6
HEXACHLOROBUTADIENE	ND	6.6	2.6
ISOPROPYL BENZENE	ND	6.6	2.6
METHYLENE CHLORIDE	2.7J	13	2.6
MTBE	ND	6.6	2.6
STYRENE	ND	6.6	5.6
TETRACHLOROETHYLENE	ND	6.6	5.6
TOLUENE	ND	6.6	5.6
TRANS-1,2-DICHLOROETHENE	ND	6.6	5.6
TRICHLOROETHENE	ND	6.6	2.6
TRICHLOROFLUOROMETHANE	ND	6.6	5.6
VINYL CHLORIDE	ND	6.6	5.6
XYLENES (TOTAL)	ND	13	5.6
M/P-XYLENES	ND	13	5.6
O-XYLENE	ND	6.6	2.6

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	60-160
4-BROMOFLUOROBENZENE	100	70-150
TOLUENE-D8	102	70-140

QC SUMMARIES

Method 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/03/10
Batch No.	: 10F014	Date Extracted:	06/03/10 10:07
Sample ID:	MBLK15	Date Analyzed:	06/03/10 10:07
Lab Samp ID:	V002F04B	Dilution Factor:	1
Lab File ID:	RFP056	Matrix	: SOIL
Ext Btch ID:	V002F04	% Moisture	: NA
Calib. Ref.:	RCP006	Instrument ID	: T-002

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.0	2.0
1,1,1,2-TETRACHLOROETHANE	ND	5.0	2.0
1,1,2,2-TETRACHLOROETHANE	ND	5.0	2.0
1,1,2-TRICHLOROETHANE	ND	5.0	2.0
FREON113	ND	5.0	2.0
1,1-DICHLOROETHANE	ND	5.0	2.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	5.0	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	10	5.0
1,2-DIBROMOETHANE	ND	5.0	2.0
1,2-DICHLOROBENZENE	ND	5.0	2.0
1,2-DICHLOROETHANE	ND	5.0	2.0
1,2-DICHLOROPROPANE	ND	5.0	2.0
1,2,4-TRICHLOROBENZENE	ND	5.0	2.0
1,2,3-TRICHLOROPROPANE	ND	5.0	2.0
1,2,4-TRICHLOROBENZENE	ND	5.0	2.0
1,2,4-TRIMETHYLBENZENE	ND	5.0	2.0
1,3-DICHLOROBENZENE	ND	5.0	2.0
1,3,5-TRIMETHYLBENZENE	ND	5.0	2.0
1,4-DICHLOROBENZENE	ND	5.0	2.0
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	5.0	2.0
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	5.0	2.0
4-CHLOROTOLUENE	ND	5.0	2.0
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	5.0	2.0
N-PROPYLBENZENE	ND	5.0	2.0
P-ISOPROPYLTOLUENE	ND	5.0	2.0
SEC-BUTYLBENZENE	ND	5.0	2.0
TERT-BUTYLBENZENE	ND	5.0	2.0
ACETONE	ND	10	5.0
BENZENE	ND	5.0	2.0
BROMOBENZENE	ND	5.0	2.0
BROMODICHLOROMETHANE	ND	5.0	2.0
CIS-1,3-DICHLOROPROPENE	ND	5.0	2.0
TRANS-1,3-DICHLOROPROPENE	ND	5.0	2.0
BROMOMETHANE	ND	10	2.0
BROMOFORM	ND	5.0	2.0
CARBON DISULFIDE	ND	5.0	2.0
CARBON TETRACHLORIDE	ND	5.0	2.0
CHLOROBENZENE	ND	5.0	2.0
CHLOROETHANE	ND	5.0	2.0
CHLOROFORM	ND	5.0	2.0
CHLOROMETHANE	ND	10	2.0
CIS-1,2-DICHLOROETHENE	ND	5.0	2.0
DICHLORODIFLUOROMETHANE	ND	10	5.0
DIBROMOCHLOROMETHANE	ND	5.0	2.0
DIBROMOMETHANE	ND	5.0	2.0
ETHYLBENZENE	ND	5.0	2.0
HEXACHLOROBUTADIENE	ND	5.0	2.0
ISOPROPYL BENZENE	ND	5.0	2.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	5.0	2.0
STYRENE	ND	5.0	2.0
TETRACHLOROETHYLENE	ND	5.0	2.0
TOLUENE	ND	5.0	2.0
TRANS-1,2-DICHLOROETHENE	ND	5.0	2.0
TRICHLOROETHENE	ND	5.0	2.0
TRICHLOROFLUOROMETHANE	ND	5.0	2.0
VINYL CHLORIDE	ND	5.0	2.0
XYLENES (TOTAL)	ND	10	5.0
M/P-XYLENES	ND	10	2.0
O-XYLENE	ND	5.0	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	103	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: SW 5030B/8260B

MATRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK15				
LAB SAMP ID:	V002F04B	V002F04L	V002F04C		
LAB FILE ID:	RFP056	RFP052	RFP053		
DATE EXTRACTED:	06/03/1010:07	06/03/1007:45	06/03/1008:21	DATE COLLECTED:	NA
DATE ANALYZED:	06/03/1010:07	06/03/1007:45	06/03/1008:21	DATE RECEIVED:	06/03/10
PREP. BATCH:	V002F04	V002F04	V002F04		
CALIB. REF:	RCP006	RCP006	RCP006		

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50.0	45.8	92	50.0	46.0	92	1	60-130	50
Benzene	ND	50.0	46.7	93	50.0	47.5	95	2	70-130	50
Chlorobenzene	ND	50.0	47.7	95	50.0	48.4	97	1	70-130	50
Toluene	ND	50.0	46.0	92	50.0	46.8	94	2	70-130	50
Trichloroethene	ND	50.0	47.0	94	50.0	46.8	94	0	70-130	50

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	50.0	46.4	93	50.0	46.5	93	70-140
4-Bromofluorobenzene	50.0	50.2	100	50.0	50.5	100	70-130
Toluene-d8	50.0	49.7	99	50.0	50.7	101	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXI Case No.:
Lab File ID: RCP001
Instrument ID: TQ02
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10F014
BFB Injection Date : 03/02/10
BFB Injection Time : 16:49
Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.22
75	30.0 - 60.0% of mass 95	41.39
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.51
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	72.74
175	5.0 - 9.0% of mass 174	5.31(7.3)1
176	95.0 - 101.0% of mass 174	70.75(97.3)1
177	5.0 - 9.0% of mass 176	4.48(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD02	V002C021	RCP002	03/02/10	18:19
2	VSTD04	V002C022	RCP003	03/02/10	18:53
3	VSTD020	V002C024	RCP005	03/02/10	20:05
4	VSTD050	V002C025	RCP006	03/02/10	20:41
5	VSTD100	V002C026	RCP007	03/02/10	21:18
6	VSTD200	V002C027	RCP008	03/02/10	21:53
7	VSTD300	V002C028	RCP009	03/02/10	22:29
8	VSTD500	V002C029	RCP010	03/02/10	23:05
9	VSTD050	IV002C021	RCP013	03/03/10	02:04

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T002
Beginning DateTime :03/02/10 18:19
Spike Units :PPB
IC File :RCP006

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :03/02/10 23:05
HPChem Method :V002C02

M	IDX	Parameters	2 18:19 RCP002	4 18:53 RCP003	20 20:05 RCP005	50 20:41 RCP006	100 21:18 RCP007	200 21:53 RCP008	300 22:29 RCP009	500 23:05 RCP010	Av_RRF	% RSD	Av_Rt M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	0	13.0884
	2	Dichlorodifluoromethane	0.143	0.175	0.206	0.211	0.212	0.207	0.205	0.208	0.196	12.50	3.3782
	3	Chloromethane	0.289	0.334	0.374	0.390	0.381	0.370	0.369	0.372	0.360	9.13	3.8149
	4	Vinyl chloride	0.242	0.291	0.294	0.314	0.281	0.239	0.219	------	0.269	13.15	4.0424
	5	Bromomethane	0.296	0.277	0.238	0.230	0.231	0.226	0.224	0.221	0.243	11.54	4.8946
	6	Chloroethane	0.118	0.143	0.148	0.164	0.166	0.167	0.169	0.169	0.156	11.67	5.0470
	7	Dichlorofluoromethane	0.423	0.425	0.442	0.516	0.491	0.528	0.540	0.543	0.488	10.49	5.1084
	8	Trichlorofluoromethane	------	0.247	0.300	0.318	0.321	0.320	0.320	0.321	0.307	9.00	5.5354
4	9	Acrolein	0.046	0.040	0.043	0.050	0.052	0.051	0.049	0.048	0.047	8.47	6.3368
	10	1,1,2-Trichloro-1,2,2-trifluoroethane	0.154	0.169	0.187	0.196	0.205	0.217	0.219	0.217	0.196	12.34	6.4000
4	11	Acetone	0.108	0.089	0.088	0.084	0.083	0.085	0.079	0.081	0.087	10.29	6.4613
	12	1,1-Dichloroethene	0.367	0.376	0.418	0.448	0.437	0.465	0.471	0.468	0.431	9.50	6.7531
5	13	tert-Butyl alcohol	0.030	0.031	0.037	0.038	0.035	0.040	0.035	0.039	0.036	9.95	6.8813
10	14	Acetonitrile	0.043	0.040	0.039	0.043	0.041	0.046	0.045	0.050	0.043	8.76	7.0114
	15	Iodomethane	0.444	0.451	0.498	0.610	0.594	0.625	0.610	0.613	0.556	13.97	7.4109
	16	Methylene chloride	------	0.549	0.464	0.453	0.438	0.455	0.440	0.440	0.463	8.46	7.7422
	17	Carbon disulfide	0.866	0.879	0.939	1.014	0.978	1.032	1.033	1.040	0.973	7.24	7.8142
5	18	Acrylonitrile	0.116	0.109	0.118	0.120	0.122	0.126	0.118	0.120	0.119	4.10	7.9945
	19	tert-Butyl methyl ether (MTBE)	0.716	0.716	0.780	0.748	0.730	0.799	0.746	0.769	0.751	4.03	8.0410
	20	trans-1,2-Dichloroethene	0.407	0.394	0.432	0.470	0.460	0.484	0.482	0.475	0.450	7.74	8.3755
	21	Isopropyl ether (DIPE)	1.116	1.106	1.176	1.118	1.116	1.169	1.145	1.138	1.136	2.32	9.0148
	22	Vinyl acetate	0.558	0.636	0.721	0.709	0.679	0.655	0.585	0.595	0.642	9.26	9.2601
	23	1,1-Dichloroethane	0.522	0.541	0.584	0.609	0.593	0.620	0.622	0.611	0.588	6.36	9.2842
	24	tert-Butyl ethyl ether (ETBE)	0.878	0.902	0.965	0.932	0.906	0.973	0.934	0.950	0.930	3.53	9.8827
4	25	2-Butanone	0.196	0.172	0.179	0.175	0.177	0.180	0.168	0.175	0.178	4.72	10.1503
	26	2,2-Dichloropropane	0.260	0.282	0.294	0.307	0.297	0.297	0.285	0.272	0.287	5.33	10.4643
	27	cis-1,2-Dichloroethene	0.368	0.376	0.411	0.428	0.420	0.441	0.441	0.442	0.416	7.06	10.5847
	28	Chloroform	0.520	0.543	0.563	0.618	0.603	0.631	0.623	0.624	0.591	7.21	10.8918
	29	Bromochloromethane	0.316	0.312	0.340	0.344	0.334	0.359	0.345	0.346	0.337	4.72	11.2300
	30	Tetrahydrofuran	0.118	0.098	0.112	0.119	0.108	0.120	0.108	0.114	0.112	6.64	11.2913
	31	Dibromofluoromethane	------	0.280	0.348	0.357	0.361	0.354	0.351	0.345	0.342	8.21	11.3337
	32	1,1,1-Trichloroethane	0.345	0.341	0.365	0.388	0.376	0.387	0.380	0.370	0.369	4.85	11.7076
	33	tert-Amyl methyl ether (TAME)	0.165	0.163	0.190	0.185	0.181	0.196	0.188	0.191	0.182	6.82	12.2261
	34	1,2-Dichloroethane-d4	------	0.224	0.280	0.292	0.288	0.286	0.276	0.278	0.275	8.49	12.3383
	35	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	0	18.8123
	36	1,1-Dichloropropene	0.151	0.153	0.167	0.185	0.187	0.201	0.203	0.206	0.182	12.24	12.0236
	37	Carbon tetrachloride	0.281	0.291	0.312	0.323	0.328	0.343	0.344	0.348	0.321	7.76	12.2391
	38	1,2-Dichloroethane	0.328	0.330	0.354	0.382	0.375	0.397	0.384	0.393	0.369	7.02	12.5253
	39	Benzene	1.385	1.366	1.403	1.539	1.518	1.604	1.597	1.551	1.495	6.45	12.6718
	40	Trichloroethene	0.350	0.359	0.377	0.416	0.421	0.444	0.451	0.456	0.409	10.29	13.7742
	41	1,2-Dichloropropane	0.364	0.364	0.392	0.426	0.423	0.452	0.443	0.450	0.414	8.81	14.1124
	42	Bromodichloromethane	0.421	0.429	0.466	0.514	0.504	0.544	0.530	0.545	0.494	10.02	14.5789
	43	Dibromomethane	0.221	0.215	0.240	0.251	0.248	0.266	0.258	0.267	0.246	7.91	14.7034
	44	2-Chloroethyl vinyl ether	0.196	0.199	0.227	0.231	0.223	0.249	0.236	0.251	0.226	8.99	15.1104
4	45	4-Methyl-2-pentanone	0.492	0.431	0.460	0.462	0.462	0.465	0.430	0.415	0.452	5.47	15.1624
	46	cis-1,3-Dichloropropene	0.526	0.542	0.616	0.683	0.671	0.710	0.704	0.715	0.646	11.75	15.6159
	47	Toluene-d8	------	1.010	1.183	1.232	1.244	1.198	1.211	1.197	1.182	6.69	16.1019
	48	Toluene	1.471	1.427	1.468	1.556	1.555	1.625	1.618	1.444	1.520	5.12	16.2552
	49	Ethyl methacrylate	0.435	0.436	0.506	0.532	0.522	0.568	0.531	0.553	0.510	9.80	16.4837
	50	trans-1,3-Dichloropropene	0.412	0.431	0.492	0.550	0.547	0.587	0.567	0.574	0.520	12.91	16.5674
4	51	2-Hexanone	0.330	0.282	0.304	0.306	0.309	0.309	0.285	0.281	0.301	5.63	16.8350
	52	1,1,2-Trichloroethane	0.307	0.314	0.341	0.364	0.361	0.385	0.369	0.379	0.353	8.23	16.8889
	53	1,3-Dichloropropane	0.545	0.559	0.604	0.649	0.634	0.678	0.651	0.670	0.624	7.97	17.3702
	54	Tetrachloroethene	0.270	0.282	0.283	0.296	0.313	0.323	0.330	0.335	0.304	8.08	17.5207
	55	Dibromochloromethane	0.321	0.331	0.366	0.401	0.393	0.425	0.409	0.422	0.384	10.43	17.8906
	56	1,2-Dibromoethane	0.318	0.324	0.362	0.386	0.380	0.407	0.388	0.404	0.371	9.11	18.2214
	57	1-Chlorohexane	0.552	0.560	0.594	0.543	0.578	0.598	0.610	0.606	0.578	5.12	18.3868
	58	Chlorobenzene	0.974	0.998	1.032	1.084	1.091	1.140	1.128	1.033	1.060	5.66	18.8710
	59	1,1,1,2-Tetrachloroethane	0.316	0.330	0.350	0.367	0.377	0.397	0.384	0.385	0.363	7.91	18.9164
	60	Ethylbenzene	1.618	1.639	1.738	1.777	1.855	1.876	1.716	1.292	1.689	10.94	18.9164
2	61	m-Xylene & p-Xylene	1.209	1.238	1.299	1.326	1.352	1.260	1.045	------	1.247	8.18	19.0244
	62	o-Xylene	1.264	1.293	1.370	1.416	1.449	1.493	1.459	1.181	1.366	8.04	19.6747
	63	Styrene	1.042	1.072	1.182	1.174	1.204	1.254	1.219	1.042	1.149	7.33	19.7211
	64	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	0	22.6630
	65	Isopropylbenzene	3.931	3.872	4.070	4.198	4.224	4.440	4.142	3.145	4.003	9.77	20.1541
	66	Bromoform	0.507	0.539	0.598	0.683	0.646	0.721	0.684	0.711	0.636	12.58	20.2545
	67	1,1,2,2-Tetrachloroethane	1.279	1.229	1.305	1.409	1.337	1.451	1.360	1.391	1.345	5.43	20.4033
	68	4-Bromofluorobenzene	1.348	1.148	1.198	1.256	1.233	1.181	1.192	1.154	1.214	5.37	20.5239
	69	1,2,3-Trichloropropane	0.323	0.301	0.324	0.352	0.333	0.368	0.343	0.358	0.338	6.50	20.6020
	70	trans-1,4-Dichloro-2-butene	0.234	0.242	0.294	0.317	0.306	0.335	0.315	0.319	0.295	12.57	20.6596
	71	n-Propylbenzene	5.062	5.012	5.375	5.594	5.683	5.626	4.794	-	5.306	6.62	20.7002
	72	Bromobenzene	0.952	0.966	1.016	1.094	1.083	1.147	1.141	1.136	1.067	7.45	20.8343
	73	1,3,5-Trimethylbenzene	3.205	3.215	3.392	3.434	3.512	3.615	3.554	2.906	3.354	6.97	20.9066
	74	2-Chlorotoluene	2.974	2.798	3.042	3.150	3.129	3.247	3.578	2.575	3.061	9.78	20.9886
	75	4-Chlorotoluene	2.833	2.920	2.958	2.963	3.033	3.082	2.690	2.642	2.890	5.43	21.0425
	76	tert-Butylbenzene	0.710	0.710	0.778	0.789	0.808	0.854	0.863	0.855	0.796	7.76	21.3993
	77	1,2,4-Trimethylbenzene	3.107	3.153	3.390	3.408	3.404	3.603	3.541	2.821	3.313	7.99	21.4513
	78	sec-Butylbenzene	4.192	4.275	4.575	4.744	4.834	5.014	4.582	------	4.602	6.40	21.6814
	79	p-Isopropyltoluene	3.317	3.330	3.622	3.694	3.758	3.859	3.853	3.008	3.553	8.52	21.8453
	80	1,3-Dichlorobenzene	1.747	1.773	1.865	1.890	1.969	2.050	2.060	2.047	1.925	6.52	22.0534
	81	1,4-Dichlorobenzene	1.664	1.678	1.839	1.875	1.947	2.040	2.054	2.046	1.893	8.38	22.1872
	82	n-Butylbenzene	2.749	3.028	3.253	3.175	3.355	3.370	3.621	2.660	3.151	10.31	23.3805
	83	1,2-Dichlorobenzene	1.675	1.626	1.704	1.722	1.793	1.898	1.880	1.909	1.776	6.19	23.7076
	84	1,2-Dibromo-3-chloropropane	0.174	0.162	0.186	0.198	0.206	0.240	0.230	------	0.199	14.20	23.7353
	85	1,2,4-Trichlorobenzene	------	0.786	0.864	0.904	1.025	1.084	1.141	1.140	0.992	14.29	24.9968
	86	Hexachlorobutadiene	0.510	0.508	0.522	0.551	0.600	0.637	0.682	0.690	0.588	12.88	25.1533
	87	Naphthalene	2.050	2.020	2.190	2.241	2.412	2.714	2.695	2.733	2.382	12.60	25.4822
	88	1,2,3-Trichlorobenzene	0.702	0.705	0.780	0.761	0.850	0.906	0.929	0.896	0.816	11.16	25.8613

Spike Amount = Nominal Amount * M
Ave_%RSD : 8.4 Max_%RSD : 14.3

SEE 3/9/10

20SE

SECOND SOURCE VERIFICATION

CONTINUE CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T002
IC Beginning DateTime :03/02/10 18:19
SpTke Amount :50 PPB
CC/CV File :RCP013
IC File :RCP006

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :03/02/10 23:05
HPChem Method :V002C02
Date_Time :03/03/10 02:04

M	TOX	Parameters	CC_Con	CC% D	CC_Resp	CCRRF	AVRRF	CC_Rtm	AVRtm	% RSD	Co_X0	Co_X1	Co_X2	Co Cor
	1	1,4-DIFLUOROBENZENE	50.000	0	1831196	1	1	13.086	13.088	0				
	2	Dichlorodifluoromethane	48.353	-3.3	347005	0.189	0.196	3.378	3.378	12.50				
	3	Chloromethane	49.236	-1.5	648850	0.354	0.360	3.824	3.815	9.13				
	4	Vinyl chloride	52.617	5.2	517831	0.283	0.269	4.047	4.042	13.15				
	5	Bromomethane	44.745	-10.5	397894	0.217	0.243	4.894	4.895	11.54				
	6	Chloroethane	48.928	-2.1	278723	0.152	0.156	5.043	5.047	11.67				
	7	Dichlorofluoromethane	54.836	9.7	981064	0.536	0.488	5.117	5.108	10.49				
	8	Trichlorofluoromethane	47.067	-5.9	529075	0.289	0.307	5.533	5.535	9.00				
4	9	Acrolein	198.200	-0.9	342145	0.047	0.047	6.336	6.337	8.47				
	10	1,1,2-Trichloro-1,2,2-trifluoroethane	54.171	8.3	388217	0.212	0.196	6.396	6.400	12.34				
4	11	Acetone	194.932	-2.5	623398	0.085	0.087	6.455	6.461	10.29				
	12	1,1-Dichloroethene	53.034	6.1	837467	0.457	0.431	6.753	6.753	9.50				
5	13	tert-Butyl alcohol	262.230	4.9	342438	0.037	0.036	6.871	6.881	9.95				
10	14	Acetonitrile	495.509	-0.9	780950	0.043	0.043	7.005	7.011	8.76				
	15	Iodomethane	55.428	10.9	1128299	0.616	0.556	7.407	7.411	15.97				
	16	Methylene chloride	50.009	0.0	847441	0.463	0.463	7.734	7.742	8.46				
	17	Carbon disulfide	53.713	7.4	1913266	1.045	0.973	7.808	7.814	7.24				
5	18	Acrylonitrile	260.815	4.3	1132920	0.124	0.119	7.986	7.995	4.10				
	19	tert-Butyl methyl ether (MTBE)	51.307	2.6	1410289	0.770	0.751	8.046	8.041	4.03				
	20	trans-1,2-Dichloroethene	53.233	6.5	878189	0.480	0.450	8.373	8.375	7.74				
	21	Isopropyl ether (DIPE)	51.442	2.9	2139771	1.169	1.136	9.012	9.015	2.32				
	22	Vinyl acetate	45.368	-9.3	1067429	0.583	0.642	9.265	9.260	9.26				
	23	1,1-Dichloroethane	53.435	6.9	1150508	0.628	0.588	9.280	9.284	6.36				
	24	tert-Butyl ethyl ether (ETBE)	51.512	3.0	1754556	0.958	0.930	9.875	9.883	3.53				
4	25	2-Butanone	199.709	-0.1	1298624	0.177	0.178	10.142	10.150	4.72				
	26	2,2-Dichloropropane	53.093	6.2	557704	0.305	0.287	10.469	10.464	5.33				
	27	cis-1,2-Dichloroethene	52.794	5.6	804147	0.439	0.416	10.559	10.565	7.06				
	28	Chloroform	52.587	5.2	1137720	0.621	0.591	10.886	10.892	7.21				
	29	Bromochloromethane	52.082	4.2	642823	0.351	0.337	11.228	11.230	4.72				
	30	Tetrahydrofuran	53.040	6.1	217449	0.119	0.112	11.287	11.291	6.64				
	31	Dibromofluoromethane	52.151	4.3	653301	0.357	0.342	11.332	11.334	8.21				
	32	1,1,1-Trichloroethane	53.166	6.3	718482	0.392	0.369	11.703	11.708	4.85				
	33	tert-Amyl methyl ether (TAME)	51.949	3.9	346259	0.189	0.182	12.224	12.226	6.82				
	34	1,2-Dichloroethane-D4	52.462	4.9	528244	0.288	0.275	12.343	12.338	8.49				
	35	CHLOROBENZENE-D5	50.000	0	1783963	1	1	18.810	18.812	0				
	36	1,1-Dichloropropene	53.812	7.6	348619	0.195	0.182	12.030	12.024	12.24				
	37	Carbon tetrachloride	52.528	5.1	602154	0.338	0.321	12.238	12.239	7.76				
	38	1,2-Dichloroethane	54.197	8.4	713337	0.400	0.369	12.521	12.525	7.02				
	39	Benzene	54.372	8.7	2901109	1.626	1.495	12.566	12.572	6.45				
	40	Trichloroethene	54.150	8.3	791126	0.443	0.409	13.770	13.774	10.29				
	41	1,2-Dichloropropane	54.266	8.5	802108	0.450	0.414	14.112	14.112	8.81				
	42	Bromodichloromethane	54.041	8.1	953281	0.534	0.494	14.588	14.579	10.02				
	43	Dibromomethane	52.947	5.9	464388	0.260	0.246	14.707	14.703	7.91				
	44	2-Chloroethyl vinyl ether	52.689	5.4	425670	0.239	0.226	15.108	15.110	8.99				
4	45	4-Methyl-2-pentanone	209.284	4.6	3376014	0.473	0.452	15.167	15.162	5.47				
	46	cis-1,3-Dichloropropene	54.164	8.3	1248060	0.700	0.646	15.613	15.616	11.75				
	47	Toluene-d8	53.636	7.3	2262466	1.268	1.182	16.104	16.102	6.69				
	48	Toluene	54.861	9.7	2976075	1.668	1.520	16.253	16.255	5.12				
	49	Ethyl methacrylate	54.984	10.0	1001098	0.561	0.510	16.476	16.484	9.80				
	50	trans-1,3-Dichloropropene	54.461	8.9	1010550	0.566	0.520	16.565	16.567	12.91				
4	51	2-Hexanone	206.698	3.3	7217266	0.511	0.301	16.833	16.835	5.63				
	52	1,1,2-Trichloroethane	54.196	8.4	681926	0.382	0.353	16.892	16.889	8.23				
	53	1,3-Dichloropropane	54.241	8.5	1207541	0.677	0.624	17.368	17.370	7.97				
	54	Tetrachloroethene	51.999	4.0	563494	0.316	0.304	17.516	17.521	8.08				
	55	Dibromochloromethane	53.545	7.1	732754	0.411	0.384	17.888	17.891	10.43				
	56	1,2-Dibromoethane	53.936	7.9	714451	0.400	0.371	18.230	18.221	9.11				
	57	1-Chlorohexane	51.631	3.3	1064264	0.597	0.578	18.394	18.387	5.12				
	58	Chlorobenzene	54.062	8.1	2044964	1.146	1.060	18.869	18.872	5.66				
	59	1,1,1,2-Tetrachloroethane	53.669	7.3	695520	0.390	0.363	18.914	18.916	7.91				
	60	Ethylbenzene	56.995	14.0	3433986	1.925	1.689	18.914	18.916	10.94				
2	61	m-Xylene & p-Xylene	114.923	14.9	5113644	1.433	1.247	19.033	19.024	8.18				
	62	o-Xylene	55.586	11.2	2708800	1.518	1.366	19.672	19.675	8.04				
	63	Styrene	54.854	9.7	2248161	1.260	1.149	19.717	19.721	7.33				
	64	1,2-DICHLOROBENZENE-D4	50.000	0	710309	1	1	22.660	22.665	0				
	65	Isopropylbenzene	56.649	13.3	3221338	4.535	4.003	20.163	20.154	9.72				
	66	Bromoform	54.130	8.3	489129	0.689	0.636	20.252	20.254	12.58				
	67	1,1,2,2-Tetrachloroethane	52.294	4.6	999348	1.407	1.345	20.401	20.403	5.43				
	68	4-Bromofluorobenzene	51.687	3.4	891273	1.255	1.214	20.520	20.524	5.37				
	69	1,2,3-Trichloropropane	53.570	7.1	256980	0.362	0.338	20.609	20.602	6.50				
	70	trans-1,4-Dichloro-2-butene	52.018	4.0	218158	0.307	0.295	20.653	20.660	12.57				
	71	n-Propylbenzene	56.833	13.7	4284358	6.032	5.306	20.698	20.700	6.62				
	72	Bromobenzene	53.918	7.8	817126	1.150	1.067	20.832	20.834	7.43				
	73	1,3,5-Trimethylbenzene	55.172	10.3	2628619	3.701	3.354	20.906	20.909	6.97				
	74	2-Chlorotoluene	52.728	5.5	2295225	3.228	3.061	20.995	20.989	9.78				
	75	4-Chlorotoluene	57.251	14.5	2350592	3.309	2.890	21.040	21.042	5.43				
	76	tert-Butylbenzene	53.911	7.8	609622	0.858	0.796	21.397	21.399	7.76				
	77	1,2,4-Trimethylbenzene	55.317	10.6	2603867	3.666	3.313	21.456	21.451	7.99				
	78	sec-Butylbenzene	55.716	11.4	3642868	5.129	4.602	21.679	21.681	6.40				
	79	p-Isopropyltoluene	55.364	10.7	2794286	3.934	3.553	21.843	21.845	8.52				
	80	1,3-Dichlorobenzene	52.725	5.4	1442000	2.030	1.925	22.051	22.053	6.52				
	81	1,4-Dichlorobenzene	54.047	8.1	1426351	2.008	1.893	22.185	22.187	8.38				
	82	n-Butylbenzene	56.517	13.0	2530281	3.562	3.151	22.378	22.381	10.31				
	83	1,2-Dichlorobenzene	52.288	4.6	1319051	1.857	1.776	22.705	22.708	6.19				
	84	1,2-Dibromo-3-chloropropane	52.520	5.0	148798	0.209	0.199	23.746	23.735	14.20				
	85	1,2,4-Trichlorobenzene	49.319	-1.4	695124	0.979	0.992	24.995	24.997	14.29				
	86	Hexachlorobutadiene	51.550	3.1	430269	0.606	0.588	25.158	25.153	12.88				
	87	Naphthalene	52.454	4.9	1774849	2.499	2.382	25.485	25.482	12.60				
	88	1,2,3-Trichlorobenzene	52.646	5.3	610461	0.859	0.816	25.857	25.861	11.16				

SpTke Amount = Nominal Amount * M

SCA 3/9/10

DAILY CALIBRATIONS

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RFP050
Instrument ID: 1002
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10FD14
BFB Injection Date : 06/03/10
BFB Injection Time : 06:36
Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.13
75	30.0 - 60.0% of mass 95	42.52
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.36
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	73.09
175	5.0 - 9.0% of mass 174	5.40(7.3)1
176	95.0 - 101.0% of mass 174	75.05(98.7)1
177	5.0 - 9.0% of mass 176	4.80(6.6)2

1-Value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD050	CV002C0284	RFP051	06/03/10	07:10
2	MBLK1S	V002F04R	RFP056	06/03/10	10:07
3	LCS1S	V002F04L	RFP052	06/03/10	07:45
4	LCD1S	V002F04C	RFP053	06/03/10	08:21
5	8-1-2-3	F014-02	RFP067	06/03/10	16:54

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RCP006
Instrument ID: 1002
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10F014
Date Analyzed: 03/02/10
Time Analyzed: 20:41
Heated Purge: (Y/N) Y

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1694376	13.09	1690125	18.81	670003	22.66
UPPER LIMIT	3388752	13.59	3380250	19.31	1340006	23.16
LOWER LIMIT	847188	12.59	845063	18.31	335002	22.16
SAMPLE ID						
1 VSTD050	1739953	13.10	1752524	18.82	712333	22.67
2 MBLK1S	1887381	13.10	1808538	18.81	652725	22.68
3 LCS1S	1811927	13.10	1789571	18.82	700733	22.67
4 LCD1S	1887378	13.10	1860491	18.81	726655	22.68
5 B-1-2-3	1760321	13.10	1714162	18.82	642991	22.67

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D
Acq On : 3 Jun 2010 7:10 am
Sample : CVO02C0284
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN
MS Integration Params: 524INT.P

Vial: 2
Operator: CGM
Inst : TO02
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	50.000	50.000	0.0	103	0.01
2	T	Dichlorodifluoromethane	50.000	55.189	-10.4	105	0.00
3	P,T	Chloromethane	50.000	50.459	-0.9	96	0.01
4	C,T	Vinyl chloride	50.000	52.252	-4.5	92	0.00
5	T	Bromomethane	50.000	50.027	-0.1	108	0.03
6	T	Chloroethane	50.000	58.460	-16.9	114	0.03
7	T	Dichlorofluoromethane	50.000	55.600	-11.2	108	0.01
8	T	Trichlorofluoromethane	50.000	57.616	-15.2	114	0.01
9	T	Acrolein	200.000	225.478	-12.7	110	0.01
10	T	1,1,2-Trichloro-1,2,2-trifl	50.000	42.729	14.5	87	0.03
11	T	Acetone	200.000	178.124	10.9	95	0.01
12	C,T,M	1,1-Dichloroethene	50.000	49.016	2.0	97	0.01
13	T	tert-Butyl alcohol	250.000	222.236	11.1	87	0.01
14	T	Acetonitrile	500.000	406.187	18.8	84	0.01
15	T	Iodomethane	50.000	36.129	M 27.7#	68	0.01
16	T	Methylene chloride	50.000	46.047	7.9	97	0.02
17	T	Carbon disulfide	50.000	50.479	-1.0	99	0.03
18	T	Acrylonitrile	250.000	239.909	4.0	98	0.01
19	T	tert-Butyl methyl ether (MT	50.000	50.599	-1.2	104	0.01
20	T	trans-1,2-Dichloroethene	50.000	50.921	-1.8	100	0.01
21	T	Isopropyl ether (DIPE)	50.000	52.396	-4.8	109	0.01
22	T	Vinyl acetate	50.000	49.648	0.7	92	0.01
23	P,T	1,1-Dichloroethane	50.000	51.719	-3.4	103	0.03
24	T	tert-Butyl ethyl ether (ETB	50.000	50.157	-0.3	103	0.03
25	T	2-Butanone	200.000	181.382	9.3	94	0.03
26	T	2,2-Dichloropropane	50.000	51.945	-3.9	100	0.01
27	T	cis-1,2-Dichloroethene	50.000	50.181	-0.4	100	0.03
28	C,T	Chloroform	50.000	49.796	0.4	98	0.01
29	T	Bromochloromethane	50.000	49.241	1.5	99	0.03
30	T	Tetrahydrofuran	50.000	42.819	14.4	83	0.03
31	S	Dibromofluoromethane	50.000	48.335	3.3	95	0.02
32	T	1,1,1-Trichloroethane	50.000	52.938	-5.9	103	0.03
33	T	tert-Amyl methyl ether (TAM	50.000	49.333	1.3	100	0.01
34	S	1,2-Dichloroethane-d4	50.000	47.923	4.2	93	0.03
35	I	CHLOROBENZENE-D5	50.000	50.000	0.0	104	0.01
36	T	1,1-Dichloropropene	50.000	48.879	2.2	99	0.01
37	T	Carbon tetrachloride	50.000	53.316	-6.6	110	0.01
38	T	1,2-Dichloroethane	50.000	46.034	7.9	92	0.03
39	T,M	Benzene	50.000	48.166	3.7	97	0.03
40	T,M	Trichloroethene	50.000	49.319	1.4	101	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D Vial: 2
Acq On : 3 Jun 2010 7:10 am Operator: CGM
Sample : CVO02C0284 Inst : TO02
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	C,T	1,2-Dichloropropane	50.000	47.581	4.8	96	0.01
42	T	Bromodichloromethane	50.000	47.190	5.6	94	0.03
43	T	Dibromomethane	50.000	46.295	7.4	94	0.03
44	T	2-Chloroethyl vinyl ether	50.000	38.538	22.9#	78	0.01
45	T	4-Methyl-2-pentanone	200.000	179.601	10.2	91	0.03
46	T	cis-1,3-Dichloropropene	50.000	48.922	2.2	96	0.01
47	S	Toluene-d8	50.000	49.453	1.1	98	0.03
48	C,T,M	Toluene	50.000	48.652	2.7	99	0.03
49	T	Ethyl methacrylate	50.000	46.139	7.7	92	0.03
50	T	trans-1,3-Dichloropropene	50.000	48.730	2.5	96	0.01
51	T	2-Hexanone	200.000	179.547	10.2	92	0.01
52	T	1,1,2-Trichloroethane	50.000	45.231	9.5	91	0.03
53	T	1,3-Dichloropropane	50.000	46.681	6.6	93	0.01
54	T	Tetrachloroethene	50.000	49.393	1.2	105	0.03
55	T	Dibromochloromethane	50.000	47.725	4.5	95	0.01
56	T	1,2-Dibromoethane	50.000	45.508	9.0	91	0.03
57	T	1-Chlorohexane	50.000	55.941	-11.9	123	0.03
58	P,M	Chlorobenzene	50.000	49.427	1.1	100	0.01
59	T	1,1,1,2-Tetrachloroethane	50.000	50.012	-0.0	103	0.01
60	C,T	Ethylbenzene	50.000	52.467	-4.9	103	0.01
61	T	m-Xylene & p-Xylene	100.000	105.341	-5.3	103	0.01
62	T	o-Xylene	50.000	49.766	0.5	100	0.01
63	T	Styrene	50.000	50.575	-1.2	103	0.01
64	I	1,2-DICHLOROBENZENE-D4	50.000	50.000	0.0	106	0.01
65	T	Isopropylbenzene	50.000	52.511	-5.0	106	0.01
66	P,T	Bromoform	50.000	42.950	14.1	85	0.01
67	P,T	1,1,2,2-Tetrachloroethane	50.000	45.255	9.5	92	0.01
68	S	4-Bromofluorobenzene	50.000	48.548	2.9	100	0.01
69	T	1,2,3-Trichloropropane	50.000	42.904	14.2	88	0.01
70	T	trans-1,4-Dichloro-2-butene	50.000	44.863	10.3	89	0.01
71	T	n-Propylbenzene	50.000	51.844	-3.7	105	0.01
72	T	Bromobenzene	50.000	46.835	6.3	97	0.01
73	T	1,3,5-Trimethylbenzene	50.000	51.348	-2.7	107	0.01
74	T	2-Chlorotoluene	50.000	48.436	3.1	100	0.03
75	T	4-Chlorotoluene	50.000	51.404	-2.8	107	0.01
76	T	tert-Butylbenzene	50.000	49.353	1.3	106	0.01
77	T	1,2,4-Trimethylbenzene	50.000	50.978	-2.0	105	0.03
78	T	sec-Butylbenzene	50.000	51.135	-2.3	105	0.01
79	T	p-Isopropyltoluene	50.000	54.588	-9.2	112	0.01
80	T	1,3-Dichlorobenzene	50.000	49.688	0.6	108	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D Vial: 2
Acq On : 3 Jun 2010 7:10 am Operator: CGM
Sample : CVO02C0284 Inst : TO02
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,4-Dichlorobenzene	50.000	50.252	-0.5	108	0.01
82	T	n-Butylbenzene	50.000	55.750	-11.5	118	0.01
83	T	1,2-Dichlorobenzene	50.000	47.377	5.2	104	0.01
84	T	1,2-Dibromo-3-chloropropane	50.000	37.871	24.3#	81	0.03
85	T	1,2,4-Trichlorobenzene	50.000	44.557	10.9	104	0.03
86	T	Hexachlorobutadiene	50.000	43.001	14.0	97	0.03
87	T	Naphthalene	50.000	41.398	17.2	94	0.03
88	T	1,2,3-Trichlorobenzene	50.000	46.192	7.6	105	0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D Vial: 2
Acq On : 3 Jun 2010 7:10 am Operator: CGM
Sample : CV002C0284 Inst : TO02
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	103	0.01
2	T	Dichlorodifluoromethane	0.196	0.216	-10.2	105	0.00
3	P,T	Chloromethane	0.360	0.363	-0.8	96	0.01
4	C,T	Vinyl chloride	0.269	0.281	-4.5	92	0.00
5	T	Bromomethane	0.243	0.243	0.0	108	0.03
6	T	Chloroethane	0.156	0.182	-16.7	114	0.03
7	T	Dichlorofluoromethane	0.488	0.543	-11.3	108	0.01
8	T	Trichlorofluoromethane	0.307	0.354	-15.3	114	0.01
9	T	Acrolein	0.047	0.053	-12.8	110	0.01
10	T	1,1,2-Trichloro-1,2,2-trifl	0.196	0.167	14.8	87	0.03
11	T	Acetone	0.087	0.078	10.3	95	0.01
12	C,T,M	1,1-Dichloroethene	0.431	0.423	1.9	97	0.01
13	T	tert-Butyl alcohol	0.036	0.032	11.1	87	0.01
14	T	Acetonitrile	0.043	0.035	18.6	84	0.01
15	T	Iodomethane	0.556	0.402	27.7#	68	0.01
16	T	Methylene chloride	0.463	0.426	8.0	97	0.02
17	T	Carbon disulfide	0.973	0.982	-0.9	99	0.03
18	T	Acrylonitrile	0.119	0.114	4.2	98	0.01
19	T	tert-Butyl methyl ether (MT	0.751	0.760	-1.2	104	0.01
20	T	trans-1,2-Dichloroethene	0.450	0.459	-2.0	100	0.01
21	T	Isopropyl ether (DIPE)	1.136	1.190	-4.8	109	0.01
22	T	Vinyl acetate	0.642	0.638	0.6	92	0.01
23	P,T	1,1-Dichloroethane	0.588	0.608	-3.4	103	0.03
24	T	tert-Butyl ethyl ether (ETB	0.930	0.933	-0.3	103	0.03
25	T	2-Butanone	0.178	0.161	9.6	94	0.03
26	T	2,2-Dichloropropane	0.287	0.298	-3.8	100	0.01
27	T	cis-1,2-Dichloroethene	0.416	0.417	-0.2	100	0.03
28	C,T	Chloroform	0.591	0.588	0.5	98	0.01
29	T	Bromochloromethane	0.337	0.332	1.5	99	0.03
30	T	Tetrahydrofuran	0.112	0.096	14.3	83	0.03
31	S	Dibromofluoromethane	0.342	0.331	3.2	95	0.02
32	T	1,1,1-Trichloroethane	0.369	0.391	-6.0	103	0.03
33	T	tert-Amyl methyl ether (TAM	0.182	0.180	1.1	100	0.01
34	S	1,2-Dichloroethane-d4	0.275	0.264	4.0	93	0.03
35	I	CHLOROBENZENE-D5	1.000	1.000	0.0	104	0.01
36	T	1,1-Dichloropropene	0.182	0.178	2.2	99	0.01
37	T	Carbon tetrachloride	0.321	0.343	-6.9	110	0.01
38	T	1,2-Dichloroethane	0.369	0.340	7.9	92	0.03
39	T,M	Benzene	1.495	1.441	3.6	97	0.03
40	T,M	Trichloroethene	0.409	0.404	1.2	101	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D Vial: 2
Acq On : 3 Jun 2010 7:10 am Operator: CGM
Sample : CV002C0284 Inst : TO02
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	C,T	1,2-Dichloropropane	0.414	0.394	4.8	96	0.01
42	T	Bromodichloromethane	0.494	0.467	5.5	94	0.03
43	T	Dibromomethane	0.246	0.228	7.3	94	0.03
44	T	2-Chloroethyl vinyl ether	0.226	0.175	22.6#	78	0.01
45	T	4-Methyl-2-pentanone	0.452	0.406	10.2	91	0.03
46	T	cis-1,3-Dichloropropene	0.646	0.632	2.2	96	0.01
47	S	Toluene-d8	1.182	1.169	1.1	98	0.03
48	C,T,M	Toluene	1.520	1.479	2.7	99	0.03
49	T	Ethyl methacrylate	0.510	0.471	7.6	92	0.03
50	T	trans-1,3-Dichloropropene	0.520	0.507	2.5	96	0.01
51	T	2-Hexanone	0.301	0.270	10.3	92	0.01
52	T	1,1,2-Trichloroethane	0.353	0.319	9.6	91	0.03
53	T	1,3-Dichloropropane	0.624	0.583	6.6	93	0.01
54	T	Tetrachloroethene	0.304	0.300	1.3	105	0.03
55	T	Dibromochloromethane	0.384	0.366	4.7	95	0.01
56	T	1,2-Dibromoethane	0.371	0.338	8.9	91	0.03
57	T	1-Chlorohexane	0.578	0.646	-11.8	123	0.03
58	P,M	Chlorobenzene	1.060	1.048	1.1	100	0.01
59	T	1,1,1,2-Tetrachloroethane	0.363	0.363	0.0	103	0.01
60	C,T	Ethylbenzene	1.689	1.772	-4.9	103	0.01
61	T	m-Xylene & p-Xylene	1.247	1.314	-5.4	103	0.01
62	T	o-Xylene	1.366	1.359	0.5	100	0.01
63	T	Styrene	1.149	1.162	-1.1	103	0.01
64	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	106	0.01
65	T	Isopropylbenzene	4.003	4.204	-5.0	106	0.01
66	P,T	Bromoform	0.636	0.546	14.2	85	0.01
67	P,T	1,1,2,2-Tetrachloroethane	1.345	1.218	9.4	92	0.01
68	S	4-Bromofluorobenzene	1.214	1.179	2.9	100	0.01
69	T	1,2,3-Trichloropropane	0.338	0.290	14.2	88	0.01
70	T	trans-1,4-Dichloro-2-butene	0.295	0.265	10.2	89	0.01
71	T	n-Propylbenzene	5.306	5.502	-3.7	105	0.01
72	T	Bromobenzene	1.067	0.999	6.4	97	0.01
73	T	1,3,5-Trimethylbenzene	3.354	3.444	-2.7	107	0.01
74	T	2-Chlorotoluene	3.061	2.966	3.1	100	0.03
75	T	4-Chlorotoluene	2.890	2.971	-2.8	107	0.01
76	T	tert-Butylbenzene	0.796	0.786	1.3	106	0.01
77	T	1,2,4-Trimethylbenzene	3.313	3.378	-2.0	105	0.03
78	T	sec-Butylbenzene	4.602	4.707	-2.3	105	0.01
79	T	p-Isopropyltoluene	3.553	3.879	-9.2	112	0.01
80	T	1,3-Dichlorobenzene	1.925	1.913	0.6	108	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10F03\RFP051.D Vial: 2
Acq On : 3 Jun 2010 7:10 am Operator: CGM
Sample : CVO02C0284 Inst : TO02
Misc : 50ppb 8260/200ppb KET-ACL/250ppb TBA-ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO02C02.M (RTE Integrator)
Title : METHOD 8260 5.0mL
Last Update : Wed Mar 03 11:47:44 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,4-Dichlorobenzene	1.893	1.902	-0.5	108	0.01
82	T	n-Butylbenzene	3.151	3.514	-11.5	118	0.01
83	T	1,2-Dichlorobenzene	1.776	1.683	5.2	104	0.01
84	T	1,2-Dibromo-3-chloropropane	0.199	0.151	24.1#	81	0.03
85	T	1,2,4-Trichlorobenzene	0.992	0.884	10.9	104	0.03
86	T	Hexachlorobutadiene	0.588	0.505	14.1	97	0.03
87	T	Naphthalene	2.382	1.972	17.2	94	0.03
88	T	1,2,3-Trichlorobenzene	0.816	0.754	7.6	105	0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 6/3/10 ☑ 5-ml Purge ☐ 25-ml Purge

Book # A02 -025

BATCH V002 C0284

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RFP050	BFB02F04	1 µL				06:36
02	051	CV002C0284	1/15 µL				
03	052	V002F04L	1/5 5µL	10			
04	053	↓ C					
05	054	V002F05L					
06	055	↓ C					
07	056	V002F04B	5.0				
08	057	V002F05B	5.0 mL				
09	058	10F328-01		1.0	42		
10	059	Blank					
11	060	10F370-10	5 µL	50			
12	061	-11					
13	062	-12					
14	063	-13					
15	064	-14					
16	065	Rinse					
17	066 CGM 6/4/10	VC10F016-01	★	★			
18	067	10F014-02					16:34
19	068	Rinse					
20	069						
21	070	Test Std 1					
22	071	2					
23	072	3					
24	073	4					
25	074	Rinse					

Instrument No.	02
INTIAL CALIBRATION REFERENCE	
DATE	3/2/10
ICAL ID	V002C02

STANDARDS

NAME	ID	CONC (ug/L)
DCC	SM-15-83-1	
DCC	-95-1	
DCC	-96-1	
SFB	-96-2	50
IS/SURR	-96-2	1280
LCS	-92-2	
LCS	-95-3	
LCS	-70-2	

SOLVENT	ID
METHANOL	
DATA FILE	10F03

Electronic Data Archival

Location	Date
HPCHEM_VOA/T002	

Comments:

Analyzed By: CGM

Date Disposed: 6/4/10

Disposed By: CGM

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 3/2/10 ☑ 5-ml Purge ☐ 25-ml Purge

Book # A02 -024

DATCH V0002C02 2 of 2

	Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01		RCP001	BFB02C01 ✓	1µL	N/A	N/A	N/A	4:49pm
02		002	V0002C02 1 ✓	.04/.16/.3µL				8260/Rep.Acq/Std.Acq 2 / 5 / 10 ppb
03		003	2 ✓	.08/.32/.4µL				4 / 16 / 20
04		004	3	.2/.8/1µL				Not used, bad spike
05		005	4 ✓	.4/1.6/2µL				20 / 80 / 100
06		006	5 ✓	1/1/1µL				50 / 200 / 250
07		007	6 ✓	2/2/2µL				100 / 400 / 500
08		008	7 ✓	4/4/4µL				200 / 800 / 1000
09		009	8 ✓	6/6/6µL				300 / 1200 / 1500
10		010	9 ✓	10/10/10µL				500 / 2000 / 2500
11		011	IS/MB HS/D					
12		012	V0002C01B					
13		013	V0002C02 1 ✓	1/4/5µL				50 / 200 / 250 ppb 2:04pm
14		014	RINSE					
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								end 3/3/10

Instrument No.	02
INITIAL CALIBRATION REFERENCE	
DATE	3/2/10
ICAL ID	V0002C02

STANDARDS

NAME	ID	CONC (ppb)
DCC Gases	SM - 15 - 47 - 2	250
DCC Ketones	- 46 - 2 / - 641 - 3	250 / 1000
DCC 8260	3/3/10 - 48 - 2 / - 21 - 1	50/250 / 250/1250
BFB	- 52 - 1	250
IS/SURR 15 / 55	- 51 - 3 / - 52 - 1	250 / 250
LCS Gases	- 59 - 2	250
LCS Ketones	- 59 - 3	250
LCS 8260	- 51 - 2	50/250

SOLVENT	ID
METHANOL	
DATA FILE	12C02

Electronic Data Archival

Location	Date
HPCHEM_VOA/T002	

Comments:

Analyzed By: CGM

Date Disposed: 3/3/10

Disposed By: CGM

EXTRACTION LOGS

EMAX Laboratories, Inc.

SAMPLE WEIGHT LOG FOR VOLATILES

SOP ☑ EMAX-5030B Rev. No. 2 ☐

Book # E03a-013

Matrix: Soil Start Date: 6/3 Time: 10:10 End Date: 06/03/10 Time: 10:15

Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	Notes
BLK	500	50	Sand/H2O
10F014-02	500	50	
10F016-01	500	50	
			CGM 6/3/10

Reagent	Lot# / ID
Methanol	
Sand	SWLR-04-146

Comments:

Prepared By: RT

Checked By: CGM

Received By: CGM

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

SDG#: 10F014

4666

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

One (1) water sample and one (1) soil sample were received on 06/02/10 for TPH Gasoline analysis, Method 5030B/M8015 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried on a frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VA39F03L/C were all within QC limits.
Percent recoveries for VMF001SL/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for F014-02M/S were within project QC limits.

Surrogate
Surrogate was added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 10FD14
Instrument ID : GCF039

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Datetime	Extraction Datetime	Sample Data FN	Calibration Data Fn	Prep. Batch	Notes
MBLK1W	VA39F03B	1	NA	06/03/1018:00	06/03/1018:00	EF02039A	EF02036A	VA39F03	Method Blank
LCS1W	VA39F03L	1	NA	06/03/1018:38	06/03/1018:38	EF02040A	EF02036A	VA39F03	Lab Control Sample (LCS)
LCD1W	VA39F03C	1	NA	06/03/1019:16	06/03/1019:16	EF02041A	EF02036A	VA39F03	LCS Duplicate
T-8-9	F014-01	1	NA	06/04/1002:56	06/04/1002:56	EF02053A	EF02049A	VA39F03	Field Sample

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Datetime	Extraction Datetime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	VMF001SB	1	NA	06/04/1014:28	06/04/1014:28	EF04003A	EF04002A	VMF001S	Method Blank
LCS1S	VMF001SL	1	NA	06/04/1015:06	06/04/1015:06	EF04004A	EF04002A	VMF001S	Lab Control Sample (LCS)
LCD1S	VMF001SC	1	NA	06/04/1015:45	06/04/1015:45	EF04005A	EF04002A	VMF001S	LCS Duplicate
B-1-2-3	F014-02	1	23.8	06/04/1022:09	06/04/1022:09	EF04015A	EF04014A	VMF001S	Field Sample
B-1-2-3MS	F014-02M	1	23.8	06/04/1022:48	06/04/1022:48	EF04016A	EF04014A	VMF001S	Matrix Spike Sample (MS)
B-1-2-3MSD	F014-02S	1	23.8	06/04/1023:26	06/04/1023:26	EF04017A	EF04014A	VMF001S	MS Duplicate (MSD)

Fn - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT EEC, INC.	Date Collected:	06/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/04/10 02:56
Sample ID:	1-8-9	Date Analyzed:	06/04/10 02:56
Lab Samp ID:	F014-01	Dilution Factor:	1
Lab File ID:	EF02053A	Matrix	: WATER
Ext Batch ID:	VA39F03	% Moisture	: NA
Calib. Ref.:	EF02049A	Instrument ID	: GC1039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GASOLINE	0.19	0.10	0.020

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	91	60-140

Parameter	N-C Range
Gasoline	C6-C10

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT ECC, INC.	Date Collected:	06/02/10
Project	: MWS SEAL BEACH, IR SITE /0.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/04/10 22:09
Sample ID:	B-1-2-3	Date Analyzed:	06/04/10 22:09
Lab Samp ID:	F014-02	Dilution Factor:	1
Lab File ID:	EFD4015A	Matrix	: SOIL
Ext Btch ID:	VMF001S	% Moisture	: 23.8
Calib. Ref.:	EF04014A	Instrument ID	: GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	1.3	0.66

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	85	70 140

Parameter	H-C Range
Gasoline	C6-C10

QC SUMMARIES

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/03/10
Batch No.	: 10F014	Date Extracted:	06/03/10 18:00
Sample ID:	MBLK1W	Date Analyzed:	06/03/10 18:00
Lab Samp ID:	VA39F03B	Dilution Factor:	1
Lab File ID:	EF02039A	Matrix	: WATER
Ext Btch ID:	VA39F03	% Moisture	: NA
Calib. Ref.:	EF02036A	Instrument ID	: GCT039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GASOLINE	ND	0.10	0.020

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	91	70-130

Parameter	H-C Range
Gasoline	C6-C10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 5030B/M8015

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK1W		
LAB SAMP ID:	VA39F03B	VA39F03L	VA39F03C
LAB FILE ID:	EF02039A	EF02040A	EF02041A
DATE EXTRACTED:	06/03/1018:00	06/03/1018:38	06/03/1019:16
DATE ANALYZED:	06/03/1018:00	06/03/1018:38	06/03/1019:16
PREP. BATCH:	VA39F03	VA39F03	VA39F03
CALIB. REF:	EF02036A	EF02036A	EF02036A

DATE COLLECTED: NA
DATE RECEIVED: 06/03/10

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	0.500	0.449	90	0.500	0.454	91	1	60-130	30

SURROGATE PARAMETER	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	QC LIMIT (%)
Bromofluorobenzene	0.0400	0.0415	104	0.0400	0.0401	100	70-130

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/04/10
Batch No.	: 10F014	Date Extracted:	06/04/10 14:28
Sample ID:	MBLK1S	Date Analyzed:	06/04/10 14:28
Lab Samp ID:	VMF001SB	Dilution Factor:	1
Lab File ID:	EF04003A	Matrix :	SOIL
Ext Btch ID:	VMF001S	% Moisture :	NA
Calib. Ref.:	EF04002A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	1.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	96	70-140

Parameter	H-C Range
Gasoline	C6-C10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 5030B/M8015

MATRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1S				
LAB SAMP ID:	VMF001SB	VMF001SL	VMF001SC		
LAB FILE ID:	EF04003A	EF04004A	EF04005A		
DATE EXTRACTED:	06/04/1014:28	06/04/1015:06	06/04/1015:45	DATE COLLECTED:	NA
DATE ANALYZED:	06/04/1014:28	06/04/1015:06	06/04/1015:45	DATE RECEIVED:	06/04/10
PREP. BATCH:	VMF001S	VMF001S	VMF001S		
CALIB. REF:	EF04002A	EF04002A	EF04002A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	25.0	22.0	88	25.0	22.4	90	2	60-130	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	QC LIMIT (%)
Bromofluorobenzene	2.00	2.12	106	2.00	2.14	107	70-140

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 5030B/M8015

MATRIX: SOIL % MOISTURE: 23.8

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	8-1-2-3				
LAB SAMP ID:	F014-02	F014-02M	F014-02S		
LAB FILE ID:	EF04015A	EF04016A	EF04017A		
DATE EXTRACTED:	06/04/1022:09	06/04/1022:48	06/04/1023:26	DATE COLLECTED:	06/02/10
DATE ANALYZED:	06/04/1022:09	06/04/1022:48	06/04/1023:26	DATE RECEIVED:	06/02/10
PREP. BATCH:	VMF001S	VMF001S	VMF001S		
CALIB. REF:	EF04014A	EF04014A	EF04014A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	32.8	29.8	91	32.8	29.1	89	2	50-130	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Bromofluorobenzene	2.62	2.55	97	2.62	2.52	96	70-140

INITIAL CALIBRATION

INITIAL CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
LFID & Datetime: EA27012A 01/27/10 17:33
LFID & Datetime: EA27014A 01/27/10 18:49
LFID & Datetime: EA27015A 01/27/10 19:27
LFID & Datetime: EA27016A 01/27/10 20:06
LFID & Datetime: EA27017A 01/27/10 20:44
LFID & Datetime: EA27018A 01/27/10 21:22
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS 1.00X	2.50X	5.00X	25.00X	50.00X	100.00X	(AREA)/UNIT MEAN	%RSD	
Gasoline(TOTAL)	20.00	14520	14128	13994	15707	15095	16037	14913.5	5.6	✓
GRO(C6 C10)	20.00	11643	11139	11723	13626	13069	14058	12539.6	9.5	✓
GRO(2MP-124TMB)	20.00	11777	11767	11993	13844	13180	14046	12684.6	9.2	✓
GRO(C5-C12)	20.00	15984	13830	13878	15636	15021	15972	14720.2	6.5	✓
GRO(C6-C12)	20.00	13286	13423	13367	15306	14717	15657	14292.8	7.5	✓
SURROGATE	**X**	**1.00X**	**2.00X**	**3.00X**	**4.00X**	**5.00X**	**6.00X**	**MEAN**	**%RSD**	
Bromofluorobenzene	10.00	13574	13192	13710	15154	16362	18899	15115.1	14.7	✓
1,1,1-Trifluorotoluene	10.00	21026	20581	20439	22785	23173	25564	22261.3	8.9	✓

VG39A27.MET

FORM VI 8015P -2 1/96 Rev 2/2006

AS
2/1/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: EA27020A 01/27/2010 22:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QC	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	16485588	1105.42	11		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	12938545	1031.81	3		15
GRO(2MP+124TMB)	NA	NA	NA	1000.0	12684.6	13020023	1026.44	3		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	16052589	1090.51	9		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	15692945	1097.96	10		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QC	LIMITS
Bromofluorobenzene	10.633	10.580	10.686	50.0	15115.1	862645	57.07	14		15
1,1,1-Trifluorotoluene	3.142	3.041	3.243	50.0	22261.3	1203807	54.08	8		15

VG39A27.MET

AA
02/01/10

DAILY CALIBRATION

CONTINUE CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30Mx.55MM
Mid Conc Init LFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: EF02036A 06/03/2010 16:04
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	15127102	1014.32	1		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	13182058	1051.23	5		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	13296185	1048.21	5		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	15024660	1020.68	2		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	14910533	1043.22	4		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.675	10.622	10.728	50.0	15115.1	799124	52.87	6		15
1,1,1-Trifluorotoluene	3.183	3.082	3.284	50.0	22261.5	1176264	52.84	6		15

CONTINUE CALIBRATION
50308/M8015

Lab Name : EMAX Inc
Instrument ID : GCT59
GC Column : DB 5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: EF02049A 06/04/2010 00:23
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	14326645	960.65	-4		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	12561598	1001.75	0		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	12673325	999.11	-0		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	14284201	970.38	-3		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	14172474	991.58	-1		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.667	10.614	10.720	50.0	15115.1	775740	51.32	3		15
1,1,1-trifluorotoluene	3.175	3.074	3.276	50.0	22261.3	1125671	50.48	1		15

CONTINUE CALIBRATION
50308/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: EF02060A 06/04/2010 07:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	14114091	946.40	-5		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	12392807	988.29	-1		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	12505769	985.90	-1		15
GRO(C5 C12)	NA	NA	NA	1000.0	14720.2	14086663	956.96	-4		15
GRO(C6 C12)	NA	NA	NA	1000.0	14292.8	13973701	977.68	-2		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.667	10.614	10.720	50.0	15115.1	742268	49.11	-2		15
1,1,1-Trifluorotoluene	3.175	3.074	3.276	50.0	22261.5	1084810	48.73	-3		15

CONTINUE CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GC139
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init CFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont CFID & Datetime: EF04002A 06/04/2010 13:49
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	14982663	1004.64	0		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	13115535	1045.93	5		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	13222866	1042.44	4		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	14940574	1014.97	1		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	14833243	1037.81	4		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
Bromofluorobenzene	10.667	10.614	10.720	50.0	15115.1	809104	53.53	7		15
1,1,1-Trifluorotoluene	3.183	3.082	3.284	50.0	22261.3	1161467	52.17	4		15

CONTINUE CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GC139
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: FA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: FF04014A 06/04/2010 21:31
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	16447973	1102.89	10		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	12260244	977.72	-2		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	12368427	975.08	-2		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	16346254	1110.46	11		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	16238071	1136.10	14		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.667	10.614	10.720	50.0	15115.1	780942	51.67	3		15
1,1,1-Trifluorotoluene	3.175	3.074	3.276	50.0	22261.3	1078656	48.45	-3		15

CONTINUE CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EA27017A 01/27/2010 20:44
Conc Cont LFID & Datetime: EF04025A 06/05/2010 04:32
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	14913.5	14470825	970.32	-3		15
GRO(C6-C10)	NA	NA	NA	1000.0	12539.6	12734198	1015.52	2		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	12684.6	12848514	1012.92	1		15
GRO(C5-C12)	NA	NA	NA	1000.0	14720.2	14425332	979.97	-2		15
GRO(C6-C12)	NA	NA	NA	1000.0	14292.8	14311016	1001.28	0		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
Bromofluorobenzene	10.667	10.614	10.720	50.0	15115.1	779529	51.57	3		15
1,1,1-Trifluorotoluene	3.175	3.074	3.276	50.0	22261.3	1112613	49.98	-0		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
NONHALOGENATED VOLATILES

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

BTEXM ICAL

GASOLINE ICAL

Book #:	A39- 33
Instrument No.:	39
Analytical Sequence:	EA27
Method File:	☑ FID Channel A
	☑ PID Channel B
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-5030B	2
☑ EMAX-BTEXM	1
☑ EMAX-8015G	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
ICAL	VA39A27 BTEXM VG39A27 GAS	
ICV	IVA39A2701 IVG39A2701	
DCC GAS	SV2-05-28	2500
DCC BTEX	SV2-05-49-1	50
BFB/TFT	SV2-05-49-3	100
LCS/LCSD ICV GAS	SV2-05-33	5000
MS/MSD	—	—
ICV BTEXM	SV2-05-49-2	100

SOLVENT	ID
Methanol	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZC-5-STLX	
☐	

Analyzed By: SC

Date: 1/27/10

4624

Method: Vg39a27.met Batch: Ea27.seq Data: Ea27.012 - [Batch: ca27.seq]

Unknown	IB39A516		vg39a27.met	EA27.001	
Unknown	V339A27-01 0.5PPB 0.05ul BTEXM DIL		vg39a27.met	EA27.002	
Unknown	VA39A27-02 1PPB 0.1ul		vg39a27.met	EA27.003	
Unknown	VA39A27-03 5PPB 0.5ul		vg39a27.met	EA27.004	
Unknown	VA39A27-04 20PPB 2ul		vg39a27.met	EA27.005	BTEXM ICAL
Unknown	VA39A27-05 40PPB 4ul		vg39a27.met	EA27.006	
Unknown	VA39A27-06 75PPB 7.5ul		vg39a27.met	EA27.007	
Unknown	VA39A27-07 100PPB 10ul		vg39a27.met	EA27.008	
Unknown	IVA39A2701 40/40 2ul BTEXM ICV		vg39a27.met	EA27.009	BTEXM ICV
Unknown	IVA39A2702 20/20 1ul		vg39a27.met	EA27.010	
Unknown	BLANK		vg39a27.met	EA27.011	
Unknown	VG39A27-01 20/10 0.04ul GAS DIL / 0.5ul SURR		vg39a27.met	EA27.012	
Unknown	VG39A27-01 20/10 Not evaluated		vg39a27.met	EA27.013	
Unknown	VG39A27-02 50/20 0.1ul GAS DIL / 1ul SURR		vg39a27.met	EA27.014	GASOLINE ICAL
Unknown	VG39A27-03 100/30 0.2ul / 1.5ul SURR		vg39a27.met	EA27.015	
Unknown	VG39A27-04 500/40 1ul / 2ul SURR		vg39a27.met	EA27.016	FINAL
Unknown	VG39A27-05 1000/50 2ul / 2.5ul SURR		vg39a27.met	EA27.017	
Unknown	VG39A27-06 2000/60 4ul / 3ul SURR		vg39a27.met	EA27.018	
Unknown	VG39A27-07 2500/80 Not evaluated, Saturated Peaks		vg39a27.met	EA27.019	
Unknown	IVG39A2701 1000/50 1ul GAS DIL / 2.5ul SURR		vg39a27.met	EA27.020	GASOLINE ICV
Unknown	IVG39A2702 500/40 0.5ul / 2ul SURR		vg39a27.met	EA27.021	
Unknown	GRO		vg39a27.met	EA27.022	
Unknown	2HP/1,2,4-TMB		vg39a27.met	EA27.023	
Unknown	PENTANE/NAPHTHALENE		vg39a27.met	EA27.024	
Unknown	DRO		vg39a27.met	EA27.025	
Unknown	RINSE		vg39a27.met	EA27.026	
Unknown	RINSE		vg39a27.met	EA27.027	
Unknown	RINSE		vg39a27.met	EA27.028	
Unknown	RINSE		vg39a27.met	EA27.029	
Unknown	RINSE		vg39a27.met	EA27.030	
Unknown	IB		vg39a27.met	EA27.031	
Unknown	IB		vg39a27.met	EA27.032	
Unknown	IB	1/28/11	vg39a27.met	EA27.033	
Unknown	IB		vg39a27.met	EA27.034	

Method Vg... Wednesday, January 27, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
NONHALOGENATED VOLATILES

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

VA39F01 (water): E371, E306, E325
F008

All samples were preserved with pH <2.
Sample E325-03 could not be analyzed at 1x due to foaming.

VA39F02 (JP4 water): E355

Sample was preserved with pH <2.

VA39F03 (GRO water): E355, E306, E349, F014, E324, F017

Book #: A39- 33

Instrument No.: 39

Analytical Sequence: EF02

Method File:
- [x] FID Channel A
- [ ] PID Channel B

Analytical Batch: CVG39A27967

SOP #	Rev. #
[x] EMAX-5030B	2
[ ] EMAX-BTEXM	1
[x] EMAX-8015G	2
[ ] EMAX-	

STANDARDS ID		CONC. (mg/L)
ICAL	—	—
ICV	—	—
DCC GAS	SV2-05-39	2500
DCC BTEX	—	—
BFB/TFT	SV2-05-61-1	100
LCS/LCSD JP4	SV2-05-54-1	2500
MS/MSD LCS/LCSD GRO	SV2-05-33	5000
DCC JP4	SV2-05-50-1	2500

SOLVENT	ID
Methanol	

ELECTRONIC DATA ARCHIVAL	
Location	Date
[ ] EZC-3-BTEX	
[ ]	

Analyzed By: SC

Date: 6/2/10

4026

Method: Vg39a27.met Batch: EI02.seq Data: EI02.038 - [Batch: ei02.seq]

Vial	Function	Profile	Method	Data File	Injections	Description
35	Unknown	10E355-02 5.0ML W	hods\j439e26.met	EF02.035	0	
36	Unknown	CVG39A27978 1000/50 2ml GAS Dec/2 Sol Sur	vg39a27.met	EF02.036	0	
37	Unknown	CJ439E26971 1000/50 2ml TPY Dec/2 Sol Sur	hods\j439e26.met	EF02.037	0	
38	Unknown	IB39F972	vg39a27.met	EF02.038	0	
39	Unknown	VA39F03B 5.0ML W	vg39a27.met	EF02.039	0	
40	Unknown	VA39F03L 5.0ML W 0.5ml GAS 123/2ml Sur	vg39a27.met	EF02.040	0	
41	Unknown	VA39F03C 5.0ML W ↓	vg39a27.met	EF02.041	0	
42	Unknown	VA39F03Q 5.0ML W Not evaluated	vg39a27.met	EF02.042	0	
43	Unknown	10E355-01 5.0ML W	vg39a27.met	EF02.043	0	
44	Unknown	10E349-02 5.0ML W	vg39a27.met	EF02.044	0	
45	Unknown	10E349-03 5.0ML W	vg39a27.met	EF02.045	0	
46	Unknown	10E306-05T 250UL W DF=20	vg39a27.met	EF02.046	0	strong odor
47	Unknown	10E306-11 5.0ML W	vg39a27.met	EF02.047	0	
48	Unknown	10E324-09 5.0ML W	vg39a27.met	EF02.048	0	FINAL
49	Unknown	CVG39A27972 1000/50 2ml GAS Dec/2 Sol Sur	vg39a27.met	EF02.049	0	
50	Unknown	10E324-03 5.0ML W	vg39a27.met	EF02.050	0	
51	Unknown	10E324-03H 5.0ML W	vg39a27.met	EF02.051	0	
52	Unknown	10E324-03S 5.0ML W	vg39a27.met	EF02.052	0	
53	Unknown	10F014-01 5.0ML W	vg39a27.met	EF02.053	0	
54	Unknown	10F014-01T 1ML W DF=5 Not evaluated	vg39a27.met	EF02.054	0	
55	Unknown	10E324-02T .5ML W DF=10 Too dilute Not evaluated	vg39a27.met	EF02.055	0	
56	Unknown	10E324-04T 10UL W DF=500	vg39a27.met	EF02.056	0	strong odor
57	Unknown	10E324-05I 20UL W DF=250	vg39a27.met	EF02.057	0	
58	Unknown	10E324-05J 10UL W DF=500 Not evaluated Too dilute	vg39a27.met	EF02.058	0	
59	Unknown	10E324-06T .5ML W DF=10	vg39a27.met	EF02.059	0	
60	Unknown	CVG39A27973 1000/50 2ml GAS Dec/2 Sol Sur	vg39a27.met	EF02.060	0	
61	Unknown	10E324-07T .5ML W DF=10 Too dilute Not evaluated	vg39a27.met	EF02.061	0	strong odor
62	Unknown	10F017-01 5.0ML W	vg39a27.met	EF02.062	0	
63	Unknown	10F017-02 5.0ML W	vg39a27.met	EF02.063	0	
64	Unknown	10F017-03 5.0ML W	vg39a27.met	EF02.064	0	
65	Unknown	10F017-04 5.0ML W	vg39a27.met	EF02.065	0	
66	Unknown	10F017-04H 5.0ML W	vg39a27.met	EF02.066	0	
67	Unknown	10F017-04S 5.0ML W	vg39a27.met	EF02.067	0	
68	Unknown	CVG39A27974 1000/50 2ml GAS Dec/2 Sol Sur	vg39a27.met	EF02.068	0	

Thursday, June 03, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
NONHALOGENATED VOLATILES

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

VM F001 (soil): F016, F021, F014, F009, E962, F020

VA39 F04 (water): E324, F010, F039

Sample F010-01 was labeled as preserved but actual PH was 7. All other samples were preserved with PH <2.

Book #:	A39- 33
Instrument No.:	39
Analytical Sequence:	EF04
Method File:	☒ FID Channel A
	☐ PID Channel B
Analytical Batch:	CVG39A27975

SOP #	Rev. #
☒ EMAX-5030B	2
☐ EMAX-BTEXM	1
☒ EMAX-8015G	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
ICAL	—	—
ICV	—	
DCC GAS	SV2-05-39	2500
DCC BTEX	—	—
BFB/TFT	SV2-05-61-1	100
LCS/LCSD	SV2-05-33	5000
MS/MSD	SV2-05-33	5000

SOLVENT	ID
Methanol	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZC-3-BTEX	
☐	

Analyzed By: SC

Date: 6/4/10

Method: Vg39a27.met Batch: Ef04.seq Data: Ef04.008 - [Batch: ef04.seq]

Sample Type	Sample Name	Method	Data File	Injection Volume
Unknown	1B39F975	vg39a27.met	EF04.001	0
Unknown	CVG39A27975 1000/50 2ul GAS Dec/2 Sol Surr	vg39a27.met	EF04.002	0
Unknown	VMF001SB 100UL S	vg39a27.met	EF04.003	0
Unknown	VMF001SL 100UL S	vg39a27.met	EF04.004	0
Unknown	VMF001SC 100UL S	vg39a27.met	EF04.005	0
Unknown	10F016-01 100UL S	vg39a27.met	EF04.006	0
Unknown	10F021-01 100UL S	vg39a27.met	EF04.007	0
Unknown	10F021-02 100UL S	vg39a27.met	EF04.008	0
Unknown	10F021-03 100UL S RR saturated	vg39a27.met	EF04.009	0
Unknown	10F021-04 100UL S RR to Confirm	vg39a27.met	EF04.010	0
Unknown	10F021-05 100UL S RR saturated	vg39a27.met	EF04.011	0
Unknown	10F021-06 100UL S RR saturated	vg39a27.met	EF04.012	0
Unknown	1B39F976	vg39a27.met	EF04.013	0
Unknown	CVG39A27976 1000/50 2ul GAS Dec/2 Sol Surr	vg39a27.met	EF04.014	0
Unknown	10F014-02 100UL S	vg39a27.met	EF04.015	0
Unknown	10F014-02M 100UL S	vg39a27.met	EF04.016	0
Unknown	10F014-02S 100UL S	vg39a27.met	EF04.017	0
Unknown	10F009-01 100UL S	vg39a27.met	EF04.018	0
Unknown	10F009-01R 100UL S	vg39a27.met	EF04.019	0
Unknown	10E962-01 100UL S	vg39a27.met	EF04.020	0
Unknown	10E962-01R 100UL S	vg39a27.met	EF04.021	0
Unknown	10F020-01 100UL S	vg39a27.met	EF04.022	0
Unknown	10F020-02 100UL S	vg39a27.met	EF04.023	0
Unknown	10F020-03 100UL S	vg39a27.met	EF04.024	0
Unknown	CVG39A27977 1000/50 2ul GAS Dec/2 Sol Surr	vg39a27.met	EF04.025	0
Unknown	10F020-04 100UL S	vg39a27.met	EF04.026	0
Unknown	VA39F04B 5.0ML W	vg39a27.met	EF04.027	0
Unknown	VA39F04L 5.0UL W 0.5ul GAS Dec/2 Surr	vg39a27.met	EF04.028	0
Unknown	VA39F04C 5.0ML W	vg39a27.met	EF04.029	0
Unknown	VA39F04Q 5.0ML W Not evaluated	vg39a27.met	EF04.030	0
Unknown	10E324-02 5.0ML W	vg39a27.met	EF04.031	0
Unknown	10E324-04T 50UL W DF=100	vg39a27.met	EF04.032	0
Unknown	10E324-05T 100UL W DF=50	vg39a27.met	EF04.033	0
Unknown	10E324-06 5.0ML W RR saturated peak	vg39a27.met	EF04.034	0

FINAL

Friday, June 04, 2010

EXTRACTION LOGS

EXTRACTION LOG FOR NONHALOGENATED VOLATILES

SOP ☐ EMAX-5035 Rev.#: 2 ☑ EMAX-8015G Rev.#: 2 ☐ EMAX-BTEXM Rev.#: 1 ☐ EMAX-AK101 Rev.#: 1 ☐ Book #: E39-022

Matrix: soil Start Date: 6/3/10 Time: 15:30 End Date: 6/3/10 Time: 16:30

PREPARATION BATCH# VMF001

	Data File Name	Lab Sample ID	W_i (g)	W_f (g)	W_s (g)	DF	Notes
* 1	VMF001SB	VMF001SB	23.3	28.3	5.0	1	
* 2	↓ L	L	23.5	28.5	5.0	1	
* 3	↓ C	C	23.7	28.7	5.0	1	
* 4	10F020-01	10F020-01	23.8	29.1	5.3	0.94	Encores
* 5	↓ -02	-02	23.4	29.5	6.1	0.82	
* 6	↓ -03	-03	23.7	29.4	5.7	0.88	
* 7	↓ -04	-04	23.7	29.5	5.8	0.86	
* 8	10F021-01	10F021-01	23.5	28.3	4.8	1.04	
* 9	↓ -02	-02	23.2	28.3	5.1	0.98	
* 10	↓ -03	-03	23.4	28.4	5.0	1	
* 11	↓ -04	-04	23.2	28.0	4.8	1.04	
* 12	↓ -05	-05	23.5	28.2	4.7	1.06	
* 13	↓ -06	-06	23.3	27.9	4.6	1.09	
* 14	10F014-02	10F014-02	23.3	28.3	5.0	1	Jar ✓
* 15	10F016-01	10F016-01	23.2	28.2	5.0	1	Jar
* 16	10E962-01	10E962-01	23.3	28.3	5.0	1	Jar
* 17	↓ -01R	-01R	23.4	28.4	5.0	1	
* 18	10F009-01	10F009-01	23.4	28.4	5.0	1	Jar
* 19	↓ -01R	-01R	23.5	28.5	5.0	1	
* 20	10F014-02M	10F014-02M	23.3	28.3	5.0	1	Jar
* 21	↓ -02S	-02S	23.4	28.4	5.0	1	
* 22							
* 23						SC	6/3/10
* 24							

Standards / Reagents	ID / Lot#	Amount Added (mL)	Conc (ug/L)
STOCK Surrogate in Meoh	SV2-05-56-3	5.0ml	2ppm
LCS/MS	SV2-05-33	25ml	5000
Methanol			
Silica Sand	SW1A-04-146	5.0g	N/A

W_i = Weight of Vial+Solvent

W_f = Weight of Vial+Solvent+Sample

W_s = Weight of Sample

Comments:

Prepared By: SC

Standard Added By: SC

Checked By: LS

Extract Location: V-W04

Disposed on: By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3520C/3550B/8015 MOD
PETROLEUM HYDROCARBONS BY EXTRACTION

SDG#: 10F014

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 3520C/3550B/8015 MOD
PETROLEUM HYDROCARBONS BY EXTRACTION

One (1) water sample and one (1) soil sample were received on 06/02/10 for TPH Diesel analysis, Method 3520C/3550B/8015 MOD in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried on a frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for DSF007WL/C were all within QC limits.
Percent recoveries for DSF009SL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample F014-01 displayed lighter hydrocarbons.
Sample F014-02 displayed heavier fuel pattern.

LAB CHRONICLE
PETROLEUM HYDROCARBONS BY EXTRACTION

Client : INSIGHT EEC, INC. SDG NO. : 1CF014
Project : NWS SEAL BEACH, IR SITE 7C. Instrument ID : GCT165

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DSF007WB	1	NA	06/04/1015:59	06/03/1013:45	LF04009A	LF04005A	DSF007W	Method Blank
LCS1W	DSF007WL	1	NA	06/04/1015:25	06/03/1013:45	LF04007A	LF04005A	DSF007W	Lab Control Sample (LCS)
LCD1W	DSF007WC	1	NA	06/04/1015:42	06/03/1013:45	LF04008A	LF04005A	DSF007W	LCS Duplicate
7-8-9	F014-01	.98	NA	06/04/1016:16	06/03/1013:45	LF04010A	LF04005A	DSF007W	Field Sample

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	DSF009SB	1	NA	06/04/1003:55	06/03/1012:30	LF03072A	LF03068A	DSF009S	Method Blank
LCS1S	DSF009SL	1	NA	06/04/1003:22	06/03/1012:30	LF03070A	LF03068A	DSF009S	Lab Control Sample (LCS)
LCD1S	DSF009SC	1	NA	06/04/1003:38	06/03/1012:30	LF03071A	LF03068A	DSF009S	LCS Duplicate
8-1-2-3	F014-02	1	23.8	06/04/1016:33	06/03/1012:30	LF04011A	LF04005A	DSF009S	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 3520C/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT EEC, INC.	Date Collected:	06/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/03/10 13:45
Sample ID:	T-B-9	Date Analyzed:	06/04/10 16:16
Lab Samp ID:	F014-01	Dilution Factor:	.98
Lab File ID:	LF04010A	Matrix	: WATER
Ext Btch ID:	DSF007W	% Moisture	: NA
Calib. Ref.:	LF04005A	Instrument ID	: GCT105

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DIESEL	1.4	0.49	0.098

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	62	40-130
HEXACOSANE	103	40-150

RL : Reporting Limit

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

METHOD 3550B/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT EEC, INC.	Date Collected:	06/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/02/10
Batch No.	: 10F014	Date Extracted:	06/03/10 12:30
Sample ID:	B-1-2-3	Date Analyzed:	06/04/10 16:33
Lab Samp ID:	F014-02	Dilution Factor:	1
Lab File ID:	LF04011A	Matrix	: SOIL
Ext Btch ID:	DSF009S	% Moisture	: 23.8
Calib. Ref.:	LF04005A	Instrument ID	: GCT1D5

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	13	6.6

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	71	50-150
HEXACOSANE	89	50-150

RL : Reporting Limit

Parameter	H\C Range
Diesel	C10-C24
Motor Oil	C24-C36

QC SUMMARIES

METHOD 3520C/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT ECC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/03/10
Batch No.	: 10F014	Date Extracted:	06/03/10 13:45
Sample ID:	MBLK1W	Date Analyzed:	06/04/10 15:59
Lab Samp ID:	DSF007WB	Dilution Factor:	1
Lab File ID:	LF04009A	Matrix	: WATER
Ext Batch ID:	DSF007W	% Moisture	: NA
Calib. Ref.:	LF04005A	Instrument ID	: GCT105

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DIESEL	ND	0.50	0.10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	69	50-130
HEXACOSANE	90	60-140

RL : Reporting Limit

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 3520C/8015 Mod

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DSF007WB	DSF007WL	DSF007WC		
LAB FILE ID:	LF04009A	LF04007A	LF04008A		
DATE EXTRACTED:	06/03/1013:45	06/03/1013:45	06/03/1013:45	DATE COLLECTED:	NA
DATE ANALYZED:	06/04/1015:59	06/04/1015:25	06/04/1015:42	DATE RECEIVED:	06/03/10
PREP. BATCH:	DSF007W	DSF007W	DSF007W		
CALIB. REF:	LF04005A	LF04005A	LF04005A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Diesel	ND	5.00	4.73	95	5.00	4.58	92	3	60-130	30

SURROGATE PARAMETER	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	QC LIMIT (%)
Bromobenzene	1.00	0.674	67	1.00	0.686	69	50-130
Hexacosane	0.250	0.235	94	0.250	0.209	84	60-140

METHOD 3550B/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT GEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	06/03/10
Batch No.	: 10F014	Date Extracted:	06/03/10 12:30
Sample ID:	MBLK1S	Date Analyzed:	06/04/10 03:55
Lab Samp ID:	DSF009SB	Dilution Factor:	1
Lab File ID:	LF03072A	Matrix :	SOIL
Ext Btch ID:	DSF009S	% Moisture :	NA
Calib. Ref.:	LF03068A	Instrument ID :	GCT105

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	10	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	78	60-150
HEXACOSANE	93	60-140

RL : Reporting Limit

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 3550B/8015 Mod

MATRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1S				
LAB SAMP ID:	DSF009SB	DSF009SL	DSF009SC		
LAB FILE ID:	LF03072A	LF03070A	LF03071A		
DATE EXTRACTED:	06/03/1012:30	06/03/1012:30	06/03/1012:30	DATE COLLECTED:	NA
DATE ANALYZED:	06/04/1003:55	06/04/1003:22	06/04/1003:38	DATE RECEIVED:	06/03/10
PREP. BATCH:	DSF009S	DSF009S	DSF009S		
CALIB. REF:	LF03068A	LF03068A	LF03068A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Diesel	ND	500	521	104	500	503	101	3	60-130	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	QC LIMIT (%)
Bromobenzene	100	82.7	83	100	82.5	83	60-150
Hexacosane	25.0	24.4	98	25.0	25.1	100	60-140

INITIAL CALIBRATION

INITIAL CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GC7105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
LFID & Datetime: LE14003A 05/14/10 12:10
LFID & Datetime: LE14004A 05/14/10 12:26
LFID & Datetime: LE14005A 05/14/10 12:43
LFID & Datetime: LE14006A 05/14/10 12:59
LFID & Datetime: LE14007A 05/14/10 13:16
LFID & Datetime: LE14008A 05/14/10 13:33
LFID & Datetime: LE14009A 05/14/10 13:50
CONC UNIT: ppm

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 1.00X	2.00X	10.00X	20.00X	100.00X	300.00X	600.00X	MEAN	%RSD
DIESEL(TOTAL)	5.00	17376	22566	24109	24854	23887	23741	23664	22885.2	11.0
DIESEL(C10-C24)	5.00	17376	21517	23474	24173	23202	23030	22889	22237.2	10.3
DIESEL(C10-C28)	5.00	17376	21592	23515	24209	23231	23065	22932	22274.4	10.3
DIESEL(C10-C25)	5.00	17376	21592	23503	24200	23222	23052	22914	22265.5	10.3
DIESEL(C9-C24)	5.00	17376	22081	23889	24592	23657	23473	23356	22631.9	10.8
DIESEL(C9-C25)	5.00	17376	22157	23918	24618	23677	23494	23381	22660.2	10.8

SURROGATE	X	0.00X	1.00X	2.00X	5.00X	4.00X	5.00X	11.00X	MEAN	%RSD
BROMOBENZENE	20.00	0	16046	16139	14879	18141	19147	18071	17070.5	9.5
HEXACOSANE	5.00	0	20918	20376	19020	22357	21231	20080	20663.7	5.5

DS105E14.NET

AA 5/26/10

INITIAL CALIBRATION
METHOD MB015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
LFID & Datetime: LE17002A 05/17/10 09:47
LFID & Datetime: LE17003A 05/17/10 10:04
LFID & Datetime: LE17004A 05/17/10 10:21
LFID & Datetime: LE17005A 05/17/10 10:37
LFID & Datetime: LE17006A 05/17/10 10:54
LFID & Datetime: LE17007A 05/17/10 11:11
CONC UNIT: ppm

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	20.00X	100.00X	300.00X	600.00X	MEAN	%RSD	
JP5(C8-C18)	5.00	19443	22984	22728	24469	22145	21532	22216.9	7.6	
JP5(C9-C14)	5.00	18431	21700	21507	23053	19436	18841	20494.6	9.0	
M.OIL(C16-C40)	5.00	16290	18062	18820	18482	18552	18740	18157.7	5.2	
M.OIL(C18-C36)	5.00	16290	18048	18797	17812	18528	18266	17956.6	4.9	

DS105E14.MET

AB
5/26/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LE17005A 05/17/2010 10:37
Conc Cont LFID & Datetime: LE17008A 05/17/2010 11:42
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
JP5(C8-C18)	NA	NA	NA	500.0	22216.9	11083764	498.89	-0		15
JP5(C9-C14)	NA	NA	NA	500.0	20494.6	9850585	480.64	-4		15
M.OIL(C16-C40)	NA	NA	NA	500.0	18157.7	8288312	456.46	-9		15
M.OIL(C18-C36)	NA	NA	NA	500.0	17956.6	8264464	460.25	-8		15

DS105E14.MET

5/26/10

INITIAL CALIBRATION VERIFICATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LE14007A 05/14/2010 13:16
Conc Cont LFID & Datetime: LE14016A 05/14/2010 16:24
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	22885.2	12457783	544.36	9		15
DIESEL(C10-C24)	NA	NA	NA	500.0	22237.2	11920287	536.05	7		15
DIESEL(C10-C28)	NA	NA	NA	500.0	22274.4	12043741	540.70	8		15
DIESEL(C10-C25)	NA	NA	NA	500.0	22265.5	11999628	538.93	8		15
DIESEL(C9-C24)	NA	NA	NA	500.0	22631.9	12170482	537.76	8		15
DIESEL(C9-C25)	NA	NA	NA	500.0	22660.2	12249823	540.59	8		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
BROMOBENZENE	1.730	1.727	1.733	80.0	17070.5	1359643	79.65	0		15
HEXACOSANE	4.948	4.798	5.098	20.0	20663.7	413883	20.03	0		15

DS105E14.MET

AS
5/26/10

DAILY CALIBRATION

CONTINUE CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GC1105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LE14007A 05/14/2010 13:16
Conc Cont LFID & Datetime: LFD3068A 06/04/2010 02:48
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	22885.2	11768862	514.26	3		15
DIESEL(C10-C24)	NA	NA	NA	500.0	22237.2	11259648	506.34	1		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
BROMOBENZENE	1.712	1.709	1.715	80.0	17070.5	1320186	77.34	-3		
HEXACOSANE	4.862	4.712	5.012	20.0	20663.7	390774	18.91	-5		

CONTINUE CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LE14007A 05/14/2010 13:16
Conc Cont LFID & Datetime: LF03076A 06/04/2010 05:02
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	22685.2	10214837	446.35	-11		15
DIESEL(C10-C24)	NA	NA	NA	500.0	22237.2	9711472	436.72	13		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
BROMOBENZENE	1.713	1.710	1.716	80.0	17070.5	1320124	77.33	-3		
HEXACOSANE	4.877	4.727	5.027	20.0	20663.7	389908	18.87	-6		

CONTINUE CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LF14007A 05/14/2010 13:16
Conc Cont LFID & Datetime: LF04005A 06/04/2010 14:35
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	22885.2	10897981	476.20	-5		15
DIESEL(C10-C24)	NA	NA	NA	500.0	22237.2	10403382	467.84	-6		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
BROMOBENZENE	1.712	1.709	1.715	80.0	17070.5	1243378	72.84	-9		
HEXADECANE	4.909	4.759	5.059	20.0	20663.7	346084	16.75	-16		

CONTINUE CALIBRATION
METHOD MB015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LE14007A 05/14/2010 13:16
Conc Cont LFID & Datetime: LF04018A 06/04/2010 18:50
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	22885.2	10843012	473.80	-5		15
DIESEL(C10-C24)	NA	NA	NA	500.0	22237.2	10335001	464.76	-7		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
BROMOBENZENE	1.712	1.709	1.715	80.0	17070.5	1280544	75.01	-6		
HEXACOSANE	4.855	4.705	5.005	20.0	20663.7	371890	18.00	-10		

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TPH

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A105-012

Instrument No.: 105

Analytical Sequence: LE14

Method File: DS105E14, CC105

Analytical Batch: CDS105E14001

SOP #	Rev. #
☑ EMAX-8015	3
☐ EMAX-LUFT	3
☐ EMAX-AK102	2

STANDARDS ID	Conc (mg/L)
ICAL SS3B-11-03-3	5-3000 ppm
☑ Diesel ☐ Alcohol	
☑ Motor Oil ☑ JP5	
CH_2Cl_2 49296	pure
DSL DCC	
LCS	
JP5/5W30 DCC	
DSL ICV SS3B-11-04-1	500/20/20 ppm

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZCELITE-11	
☐	

Analyzed By: Rmb

Date: 5/14/10

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt	Action	Descrip
1		Summary B	1	2	BLANK	Method\DS105E14.met	ata\LE14\LE14001.dat	1		
2		Summary Run	1	2	B105E14001	Method\DS105E14.met	ata\LE14\LE14002.dat	1		
3		Summary Run	2	2	DS105E14001 5PPM	Method\DS105E14.met	ata\LE14\LE14003.dat	1		SS3B-11-03-3, ICAL
4		Summary Run	3	2	DS105E14002 10/20/5PPM	Method\DS105E14.met	ata\LE14\LE14004.dat	1		
5		Summary Run	4	2	DS105E14003 50/40/10PPM	Method\DS105E14.met	ata\LE14\LE14005.dat	1		
6		Summary Run	5	2	DS105E14004 100/60/15PPM	Method\DS105E14.met	ata\LE14\LE14006.dat	1		
7		Summary Run	6	2	DS105E14005 500/80/20PPM	Method\DS105E14.met	ata\LE14\LE14007.dat	1		
8		Summary Run	7	2	DS105E14006 1500/100/25PPM	Method\DS105E14.met	ata\LE14\LE14008.dat	1		
9		Summary Run	8	2	DS105E14007 3000/220/55PPM	Method\DS105E14.met	ata\LE14\LE14009.dat	1		data not evaluated
10		Summary Run	10	2	DS105E14008 10/10 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14010.dat	1		data not evaluated
11		Summary Run	11	2	DS105E14009 50/50 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14011.dat	1		data not evaluated
12		Summary Run	12	2	DS105E14010 100/100 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14012.dat	1		data not evaluated
13		Summary Run	13	2	DS105E14011 500/500 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14013.dat	1		data not evaluated
14		Summary Run	14	2	DS105E14012 1500/1500 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14014.dat	1		data not evaluated
15		Summary Run	15	2	DS105E14013 3000/3000 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14015.dat	1		data not evaluated
16		Summary Run	3	2	DS105E14001 500/80/20PPM	Method\DS105E14.met	ata\LE14\LE14016.dat	1		data not evaluated
17		Summary Run	18	2	DS105E14002 500/500 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14017.dat	1		data not evaluated
18		Summary Run	31	2	DS105E14002 500/500 JP5/SW30	Method\DS105E14.met	ata\LE14\LE14018.dat	1		data not evaluated
19		Summary Run	32	2	JP5 500PPM	Method\DS105E14.met	ata\LE14\LE14019.dat	1		data not evaluated
20		Summary Run	17	2	HC CHAIN (C8-C40+C9-C39)	Method\DS105E14.met	ata\LE14\LE14020.dat	1		SS3B-10-72-2
21		Summary Run	18	2	GRD	Method\DS105E14.met	ata\LE14\LE14021.dat	1		SS3B-10-72-3
22		Summary Run	20	2	B105E14002	Method\CC105E14.met	ata\LE14\LE14022.dat	1		
23		Summary Run	21	2	CC105E14001 1/1/1PPM	Method\CC105E14.met	ata\LE14\LE14023.dat	1		SS3B-11-03-1, ICAL
24		Summary Run	22	2	CC105E14002 5/5/5PPM	Method\CC105E14.met	ata\LE14\LE14024.dat	1		
25		Summary Run	23	2	CC105E14003 10/10/10PPM	Method\CC105E14.met	ata\LE14\LE14025.dat	1		
26		Summary Run	24	2	CC105E14004 20/20/20PPM	Method\CC105E14.met	ata\LE14\LE14026.dat	1		
27		Summary Run	25	2	CC105E14005 25/25/25PPM	Method\CC105E14.met	ata\LE14\LE14027.dat	1		
28		Summary Run	26	2	CC105E14006 30/30/30PPM	Method\CC105E14.met	ata\LE14\LE14028.dat	1		
29		Summary Run	27	2	CC105E14007 40/40/40PPM	Method\CC105E14.met	ata\LE14\LE14029.dat	1		
30		Summary Run	28	2	CC105E14001 20/20/20PPM	Method\CC105E14.met	ata\LE14\LE14030.dat	1		SS3B-11-03-2, ICV
31		Summary Run	100	2	B	Method\DS105E14.met	ata\LE14\LE14031.dat	1		
32		Summary Run	39	2	B	Method\DS105E14.met	ata\LE14\LE14032.dat	1		
33		Summary Run	1	2	B	Method\DS105E14.met	ata\LE14\LE14033.dat	1		
34		Summary Run	100	2	B	Method\DS105E14.met	ata\LE14\LE14034.dat	1		
35		Summary Run	39	2	B	Method\DS105E14.met	ata\LE14\LE14035.dat	1		
36	Acquiring	Summary Run	39	2	B	Method\DS105E14.met	ata\LE14\LE14036.dat	1		
37		Summary Run	39	2	B	Method\DS105E14.met	ata\LE14\LE14037.dat	1		

rmg 5/17/10

rmg 5/17/10

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FINAL

For Help, press F1

Running Sample ID: 1

Monday, May 17, 201

Start | EZChrom Elite | GCT-105 Meth... | GCT-105 (Offline) | D:\Projects\EZ-C39... | Untitled - Paint | Calculator | 09:56

ANALYSIS RUN LOG
for
TPH

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DSE0295, E155

DSE0285, E168

Book #: A105-012

Instrument No.: 105

Analytical Sequence: LE17

Method File: DS105E14

Analytical Batch: CDS105E14004

SOP #	Rev. #
☑ EMAX-8015	3
☐ EMAX-LUFT	3
☐ EMAX-AK102	2

STANDARDS ID	Conc (mg/L)
ICAL SS3B-11-04-3	10-3000 ppm
☐ Diesel ☐ Alcohol	
☑ Motor Oil ☑ JP5	
CH_2Cl_2 pure	49496
DSL DCC SS3B-11-05-2	500/50/20 ppm
LCS	
JP5/5W30 DCC SS3B-11-05-3	500/500 ppm
JP5/5W30 ICV SS3B-11-05-1	500/500 ppm

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZCELITE-11	
☐	

Analyzed By: RMG

Date: 5/17/10

GCT-105 Method: DS105E14.met Data: LE17014.dat Project: LE17.prj

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt	Action	Description
1		Summary Ru	100	2	B105E14003	Method\DS105E14.met	Data\LE17\LE17001.dat	1		SS3B-11-04-3
2		Summary Run	1	2	DS105E14006 10/10 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17002.dat	1		
3		Summary Run	2	2	DS105E14003 50/50 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17003.dat	1		
4		Summary Run	3	2	DS105E14010 100/100 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17004.dat	1		
5		Summary Run	4	2	DS105E14011 500/500 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17005.dat	1		
6		Summary Run	5	2	DS105E14012 1500/1500 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17006.dat	1		
7		Summary Run	6	2	DS105E14013 3000/3000 JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17007.dat	1		
8		Summary Run	7	2	DS105E14002 500/500PPM JP5/5W30	1\Method\DS105E14.met	Data\LE17\LE17008.dat	1		SS3B-11-05-1
9		Summary Run	8	2	HC CHAIN (C8-C40+C8-C39)	1\Method\DS105E14.met	Data\LE17\LE17009.dat	1		SS3B-10-72-2
10		Summary Run	9	2	BRO	1\Method\DS105E14.met	Data\LE17\LE17010.dat	1		SS3B-10-72-3
11		Summary Run	99	2	B105E14004	1\Method\DS105E14.met	Data\LE17\LE17011.dat	1		
12		Summary Run	10	2	CDS105E14004 D500 500/80/20PPM	1\Method\DS105E14.met	Data\LE17\LE17012.dat	1		
13		Summary Run	11	2	CDS105E14005 JP5/5W30 500/500PPM	1\Method\DS105E14.met	Data\LE17\LE17013.dat	1		
14	Acquiring	Summary Run	12	2	DSE026S	Method\DS105E14.met	Data\LE17\LE17014.dat	1		
15		Summary Run	13	2	DSE026SY	1\Method\DS105E14.met	Data\LE17\LE17015.dat	1		EVALUATED
16		Summary Run	14	2	DSE026SQ	1\Method\DS105E14.met	Data\LE17\LE17016.dat	1		
17		Summary Run	15	2	DSE027SX	1\Method\DS105E14.met	Data\LE17\LE17017.dat	1		
18		Summary Run	16	2	DSE027SY	1\Method\DS105E14.met	Data\LE17\LE17018.dat	1		
19		Summary Run	17	2	DSE014WX	1\Method\DS105E14.met	Data\LE17\LE17019.dat	1		
20		Summary Run	18	2	DSE014WY	1\Method\DS105E14.met	Data\LE17\LE17020.dat	1		
21		Summary Run	19	2	DSE014WQ	1\Method\DS105E14.met	Data\LE17\LE17021.dat	1		
22		Summary Run	20	2	DSE016WX	1\Method\DC105E14.met	Data\LE17\LE17022.dat	1		
23		Summary Run	21	2	DSE016WY	1\Method\DC105E14.met	Data\LE17\LE17023.dat	1		
24		Summary Run	10	2	CDS105E14006 D500 500/80/20PPM	1\Method\DC105E14.met	Data\LE17\LE17024.dat	1		
25		Summary Run	11	2	CDS105E14007 JP5/5W30 500/500PPM	1\Method\DC105E14.met	Data\LE17\LE17025.dat	1		
26		Summary Run	22	2	DSE030SL	1\Method\DC105E14.met	Data\LE17\LE17026.dat	1		
27		Summary Run	23	2	DSE030SC	1\Method\DC105E14.met	Data\LE17\LE17027.dat	1		
28		Summary Run	24	2	DSE030SB	1\Method\DC105E14.met	Data\LE17\LE17028.dat	1		
29		Summary Run	25	2	10E190-01	1\Method\DC105E14.met	Data\LE17\LE17029.dat	1		
30		Summary Run	26	2	10E190-02	1\Method\DC105E14.met	Data\LE17\LE17030.dat	1		
31		Summary Run	27	2	10E190-04	1\Method\DS105E14.met	Data\LE17\LE17031.dat	1		Yellow color
32		Summary Run	28	2	10E190-05	1\Method\DS105E14.met	Data\LE17\LE17032.dat	1		
33		Summary Run	29	2	10E190-06	1\Method\DS105E14.met	Data\LE17\LE17033.dat	1		Yellow color
34		Summary Run	30	2	10E190-07	1\Method\DS105E14.met	Data\LE17\LE17034.dat	1		
35		Summary Run	31	2	10E190-08	1\Method\DS105E14.met	Data\LE17\LE17035.dat	1		Amber color
36		Summary Run	95	2	B105E14008	1\Method\DS105E14.met	Data\LE17\LE17036.dat	1		
37		Summary Run	10	2	CDS105E14008 D500 500/80/20PPM	1\Method\DS105E14.met	Data\LE17\LE17037.dat	1		
38		Summary Run	11	2	CDS105E14009 JP5/5W30 500/500PPM	1\Method\DS105E14.met	Data\LE17\LE17038.dat	1		

Rmy 5/18/10

For Help, press F1

Rmy 5/18/10

Start | EZChem File | D:\Projects\EZCh... | untitled - Paint | Calculator | GCT-105 (online) | GCT-105 Met... | Monday, May 17, 20

FINAL

4205

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TPH

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DSF001W - E371, E306
DSF003S - E371
DSF006S - E340
DSF004W - F008
DSF009S - F016
DSF005S - E340

Book #: A105-012
Instrument No.: 105
Analytical Sequence: LF03
Method File: DS105E14
Analytical Batch: CDS105E14160

SOP #	Rev. #
☑ EMAX-8015	3
☐ EMAX-LUFT	3
☐ EMAX-AK102	2

STANDARDS ID		Conc (mg/L)
ICAL		
☐ Diesel ☐ Alcohol		
☐ Motor Oil ☐ JP5		
CH_2Cl_2	49296	Pure
DSL DCC	SS3B-11-10-3	520/820/20
LCS		
JP5/SW30 DCC	SS3B-11-06-1	520/500

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZCELITE-11	
☐	

Analyzed By: RMG

Date: 6/3/10

5327

GCT-105 Method:DS105E14.met Data:LF03\19.dat

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt.	Action	Description
1		Summary Begin	1	2	BLANK	\Method\DS105E14.met	\Data\LF03\LF03001.dat	1		
2		Unknown	1	2	IB105E14160	\Method\DS105E14.met	\Data\LF03\LF03002.dat	1		
3		Summary Run	2	2	CDS105E14160 DSL 500/80/20PPM	\Method\DS105E14.met	\Data\LF03\LF03003.dat	1		
4		Summary Run	3	2	CDS105E14161 JP5/Sv/30 500PPM	\Method\DS105E14.met	\Data\LF03\LF03004.dat	1		
5		Summary Run	1	2	TEST	\Method\DS105E14.met	\Data\LF03\LF03005.dat	1		
6		Summary Run	1	2	TEST	\Method\DS105E14.met	\Data\LF03\LF03006.dat	1		
7		Summary Run	4	2	DSF001WL	\Method\DS105E14.met	\Data\LF03\LF03007.dat	1		
8		Summary Run	5	2	DSF001WC	\Method\DS105E14.met	\Data\LF03\LF03008.dat	1		
9		Summary Run	6	2	DSF001WS	\Method\DS105E14.met	\Data\LF03\LF03009.dat	1		
10		Summary Run	7	2	10E371-01	\Method\DS105E14.met	\Data\LF03\LF03010.dat	1		
11		Summary Run	8	2	DSF003SL	\Method\DS105E14.met	\Data\LF03\LF03011.dat	1		
12		Summary Run	9	2	DSF003SC	\Method\DS105E14.met	\Data\LF03\LF03012.dat	1		
13		Summary Run	10	2	DSF003SS	\Method\DS105E14.met	\Data\LF03\LF03013.dat	1		
14		Summary Run	11	2	10E371-02	\Method\DS105E14.met	\Data\LF03\LF03014.dat	1		
15		Summary Run	1	2	IB105E14162	\Method\DS105E14.met	\Data\LF03\LF03015.dat	1	FINAL	
16		Summary Run	2	2	CDS105E14162 DSL 500/80/20PPM	\Method\DS105E14.met	\Data\LF03\LF03016.dat	1		
17		Summary Run	3	2	CDS105E14163 JP5/Sv/30 500PPM	\Method\DS105E14.met	\Data\LF03\LF03017.dat	1		
18		Summary Run	12	2	10E365-03 04/1ML	\Method\DS105E14.met	\Data\LF03\LF03018.dat	1		
19	Acquiring	Summary Run	13	2	DSF004SL	\Method\DS105E14.met	\Data\LF03\LF03019.dat	1		
20		Summary Run	14	2	DSF004WC	\Method\DS105E14.met	\Data\LF03\LF03020.dat	1		
21		Summary Run	15	2	DSF004WS	\Method\DS105E14.met	\Data\LF03\LF03021.dat	1		
22		Summary Run	16	2	10F308-01	\Method\DS105E14.met	\Data\LF03\LF03022.dat	1		
23		Summary Run	17	2	10F308-03	\Method\DS105E14.met	\Data\LF03\LF03023.dat	1		
24		Summary Run	18	2	10F308-04	\Method\DS105E14.met	\Data\LF03\LF03024.dat	1		
25		Summary Run	19	2	10F308-05	\Method\DS105E14.met	\Data\LF03\LF03025.dat	1		
26		Summary Run	20	2	10F308-06	\Method\DS105E14.met	\Data\LF03\LF03026.dat	1		
27		Summary Run	100	2	IB105E14164	\Method\DS105E14.met	\Data\LF03\LF03027.dat	1		
28		Summary Run	2	2	CDS105E14164 DSL 500/80/20PPM	\Method\DS105E14.met	\Data\LF03\LF03028.dat	1		
29		Summary Run	3	2	CDS105E14165 JP5/Sv/30 500PPM	\Method\DS105E14.met	\Data\LF03\LF03029.dat	1		
30		Summary Run	21	2	DSF005SL	\Method\DS105E14.met	\Data\LF03\LF03030.dat	1		
31		Summary Run	22	2	DSF005SS	\Method\DS105E14.met	\Data\LF03\LF03031.dat	1		
32		Summary Run	23	2	10E340-01	\Method\DS105E14.met	\Data\LF03\LF03032.dat	1		
33		Summary Run	24	2	10E340-02	\Method\DS105E14.met	\Data\LF03\LF03033.dat	1		
34		Summary Run	25	2	10E340-03	\Method\DS105E14.met	\Data\LF03\LF03034.dat	1		
35		Summary Run	26	2	10E340-04	\Method\DS105E14.met	\Data\LF03\LF03035.dat	1		
36		Summary Run	27	2	10E340-05	\Method\DS105E14.met	\Data\LF03\LF03036.dat	1		
37		Summary Run	28	2	10E340-07	\Method\DS105E14.met	\Data\LF03\LF03037.dat	1		
38		Summary Run	29	2	10E340-11	\Method\DS105E14.met	\Data\LF03\LF03038.dat	1		

For Help, press F1

Amy 6/3/10

Thursday, June 03, 2010

Start | EZChrom Elite | GCT-105 Met... | GCT-105 (Offline) | Untitled - Paint | Calculator | D:\Projects\EZC33... | 13:06

GCT-105 Method: DS105E14.met Data: LF03029.dat

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt	Action	Description
38		Summary Run	29	2	10E340-11	\Method\DS105E14.met	Data\LF03\LF03036.dat	1		
39		Summary Run	30	2	10E340-12	\Method\DS105E14.met	Data\LF03\LF03039.dat	1		
40		Summary Run	31	2	10E340-13	\Method\DS105E14.met	Data\LF03\LF03040.dat	1		
41		Summary Run	1bu	2	IB105E14168	\Method\DS105E14.met	Data\LF03\LF03041.dat	1		
42		Summary Run	2	2	CDS105E14168 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03042.dat	1		
43		Summary Run	3	2	CDS105E14168 JP5/SW/30 500PPM	\Method\DS105E14.met	Data\LF03\LF03043.dat	1		
44		Summary Run	32	2	10E340-10	\Method\DS105E14.met	Data\LF03\LF03044.dat	1		
45		Summary Run	33	2	10E340-10M	\Method\DS105E14.met	Data\LF03\LF03045.dat	1		
46		Summary Run	34	2	10E340-10S	\Method\DS105E14.met	Data\LF03\LF03046.dat	1		
47		Summary Run	35	2	10E340-14	\Method\DS105E14.met	Data\LF03\LF03047.dat	1		
48		Summary Run	36	2	10E340-15	\Method\DS105E14.met	Data\LF03\LF03048.dat	1		
49		Summary Run	37	2	10E340-16	\Method\DS105E14.met	Data\LF03\LF03049.dat	1		
50		Summary Run	38	2	10E340-17	\Method\DS105E14.met	Data\LF03\LF03050.dat		FINAL	
51		Summary Run	39	2	10E340-18	\Method\DS105E14.met	Data\LF03\LF03051.dat	1		
52		Summary Run	40	2	10E340-19	\Method\DS105E14.met	Data\LF03\LF03052.dat	1		
53		Summary Run	41	2	10E340-20	\Method\DS105E14.met	Data\LF03\LF03053.dat	1		
54		Summary Run	99	2	IB105E14168	\Method\DS105E14.met	Data\LF03\LF03054.dat	1		
55		Summary Run	2	2	CDS105E14168 DSL 530/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03055.dat	1		
56		Summary Run	3	2	CDS105E14168 JP5/SW/30 500PPM	\Method\DS105E14.met	Data\LF03\LF03056.dat	1		
57		Summary Run	43	2	10E340-08	\Method\DS105E14.met	Data\LF03\LF03057.dat	1		
58		Summary Run	47	2	10E340-08	\Method\DS105E14.met	Data\LF03\LF03058.dat	1		PALE YELLOW
59		Summary Run	44	2	10E340-08	\Method\DS105E14.met	Data\LF03\LF03059.dat	1		YELLOW
60		Summary Run	45	2	DSF8ESL	\Method\DS105E14.met	Data\LF03\LF03060.dat	1		DARK YELLOW
61		Summary Run	46	2	DSF805SC	\Method\DS105E14.met	Data\LF03\LF03061.dat	1		
62		Summary Run	47	2	DSF805B	\Method\DS105E14.met	Data\LF03\LF03062.dat	1		
63		Summary Run	48	2	10E340-21	\Method\DS105E14.met	Data\LF03\LF03063.dat	1		
64		Summary Run	49	2	10E340-22	\Method\DS105E14.met	Data\LF03\LF03064.dat	1		
65		Summary Run	50	2	10E340-23	\Method\DS105E14.met	Data\LF03\LF03065.dat	1		
66		Summary Run	51	2	10E340-24	\Method\DS105E14.met	Data\LF03\LF03066.dat	1		
67		Summary Run	99	2	IB105E14170	\Method\DS105E14.met	Data\LF03\LF03067.dat	1		
68		Summary Run	2	2	CDS105E14170 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03068.dat	1		
69		Summary Run	3	2	CDS105E14170 JP5/SW/30 500PPM	\Method\DS105E14.met	Data\LF03\LF03069.dat	1		
70		Summary Run	53	2	DSF8ESL	\Method\DS105E14.met	Data\LF03\LF03070.dat	1		
71		Summary Run	53	2	DSF805C	\Method\DS105E14.met	Data\LF03\LF03071.dat	1		
72		Summary Run	54	2	DSF805B	\Method\DS105E14.met	Data\LF03\LF03072.dat	1		
73		Summary Run	55	2	IBF805011 .01/1ML 10 FOV 6-01 T	\Method\DS105E14.met	Data\LF03\LF03073.dat	1		NOT EVALUATED
74		Summary Run	56	2	IBF805011 .1/1ML 10 FOV 6-01 T	\Method\DS105E14.met	Data\LF03\LF03074.dat			PALE YELLOW
75		Summary Run	99	2	IB105E14171	\Method\DS105E14.met	Data\LF03\LF03075.dat	1		

For Help, press F1

Equilibrating method...

Thursday, June 03, 2010

Start | EZChem File | GCT-105 Met... | GCT-105 (Offline) ... | untitled - Paint | Calculator | D:\Projects\EZCh... | 15:47

GCT-105 Method: DS105E14.met Data: LF270014.D Project: LF03

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt	Action	Description
75		Summary Run	98	2	B105E14172	\Method\DS105E14.met	Data\LF03\LF03075.dat	1		
76		Summary Run	2	2	CDS105E14172 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03076.dat	1		
77		Summary Run	3	2	CDS105E14173 JP5/SW30 500PPM	\Method\DS105E14.met	Data\LF03\LF03077.dat	1		
78		Summary Run	98	2	BNYSE	\Method\DS105E14.met	Data\LF03\LF03078.dat	1		
79		Summary Run	57	2	10F01901-10F0160 pm	\Method\DS105E14.met	Data\LF03\LF03079.dat	1		D&RA BH TWN
80		Summary Run	97	2	B105E14174 6/4/10	\Method\DS105E14.met	Data\LF03\LF03080.dat	1		
81		Summary Run	2	2	CDS105E14174 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03081.dat	1		
82		Summary Run	3	2	CDS105E14175 JP5/SW30 500PPM	\Method\DS105E14.met	Data\LF03\LF03082.dat	1		
83	Complete	Summary Run	2	2	CDS105E14176 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF03\LF03083.dat	1		FRESH DOC
84		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03084.dat	1		
85		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03085.dat	1		
86		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03086.dat	1		
87		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03087.dat	1		
88		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03088.dat	1		
89		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03089.dat	1		
90		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03090.dat	1		
91		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03091.dat	1		
92		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03092.dat	1		
93		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03093.dat	1	FINAL	
94		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03094.dat	1		
95		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03095.dat	1		
96		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03096.dat	1		
97		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03097.dat	1		
98		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03098.dat	1		
99		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03099.dat	1		
100		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03100.dat	1	FINAL	
101		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03101.dat	1		
102		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03102.dat	1		
103		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03103.dat	1		
104		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03104.dat	1		
105		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03105.dat	1		
106		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03106.dat	1		
107		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03107.dat	1		
108		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03108.dat	1		
109		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03109.dat	1		
110		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03110.dat	1		
111		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03111.dat	1		
112		Summary Run	1	2	IB	\Method\DS105E14.met	Data\LF03\LF03112.dat	1		

Run 6/4/10

Hot 6/4/10

Run 6/4/10

For Help, press F1

Friday, June 04, 2010

Start | EXChange Dire | GCT-105 Method... | GCT-105 (Offline) | untitled - Paint | D:\Projects\EZ\C31\Ex... | 08:55

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TPH

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DSF009 S - F014
DSF007 W - F014, F017 Rerun 6/4/10
DSF008 W - F017

Book #:	A105-012
Instrument No.:	105
Analytical Sequence:	LF04
Method File:	DS105E14
Analytical Batch:	CDS105E1417

SOP #	Rev. #
☑ EMAX-8015	3
☐ EMAX-LUFT	3
☐ EMAX-AK102	2

STANDARDS ID		Conc (mg/L)
ICAL		
☐ Diesel ☐ Alcohol		
☐ Motor Oil ☐ JP5		
CH_2Cl_2	H9296	Pure
DSL DCC	S53B-11-10-3	500/50/20
LCS		
JP5/5W30 DCC	S53B-11-06-1	50/500

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZCELITE-11	
☐	

Analyzed By: RMG

Date: 6/4/10

GCT-105 Method: DS105E14.met Data: 1104026.dat

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample Amt	Action	Description
1		Summary B	1	2	B105E14177	ethod\DS105E14.met	ta\LF04\LF04001.dat	1		NOT EVALUATED
2		Unknown	2	2	CDS105E14177 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF04\LF04002.dat	1		
3		Summary Run	3	2	CDS105E14178 JP5/5W/30 500PPM	\Method\DS105E14.met	Data\LF04\LF04003.dat	1		
4		Summary Run	1	2	B105E14179	\Method\DS105E14.met	Data\LF04\LF04004.dat	1		
5		Summary Run	2	2	CDS105E14179 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF04\LF04005.dat	1		
6		Summary Run	3	2	CDS105E14180 JP5/5W/30 500PPM	\Method\DS105E14.met	Data\LF04\LF04006.dat	1		
7	Complete	Summary Run	4	2	DSF007SL	\Method\DS105E14.met	Data\LF04\LF04007.dat	1		
8	Complete	Summary Run	5	2	DSF007SC	\Method\DS105E14.met	Data\LF04\LF04008.dat	1		
9	Complete	Summary Run	6	2	DSF007SB	\Method\DS105E14.met	Data\LF04\LF04009.dat	1		
10	Complete	Summary Run	7	2	10F014-01	\Method\DS105E14.met	Data\LF04\LF04010.dat	1		
11	Complete	Summary Run	8	2	10F014-02	\Method\DS105E14.met	Data\LF04\LF04011.dat	1		
12	Complete	Summary Run	9	2	DSF008WL	\Method\DS105E14.met	Data\LF04\LF04012.dat	1		
13	Complete	Summary Run	10	2	DSF008WC	\Method\DS105E14.met	Data\LF04\LF04013.dat	1		
14	Complete	Summary Run	11	2	~~DSF008WB~~ DSF008WB	\Method\DS105E14.met	Data\LF04\LF04014.dat	1		
15	Complete	Summary Run	12	2	10F017-01	\Method\DS105E14.met	Data\LF04\LF04015.dat	1		
16	Complete	Summary Run	13	2	10F017-02 6/7/10	\Method\DS105E14.met	Data\LF04\LF04016.dat	1		
17	Complete	Summary Run	1	2	B105E14181	\Method\DS105E14.met	Data\LF04\LF04017.dat	1		
18	Complete	Summary Run	2	2	CDS105E14181 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF04\LF04018.dat	1		
19	Complete	Summary Run	3	2	CDS105E14182 JP5/5W/30 500PPM	\Method\DS105E14.met	Data\LF04\LF04019.dat	1	FINAL	
20	Complete	Summary Run	14	2	10F017-03	\Method\DS105E14.met	Data\LF04\LF04020.dat	1		
21	Complete	Summary Run	15	2	10F017-04	\Method\DS105E14.met	Data\LF04\LF04021.dat	1		
22	Complete	Summary Run	16	2	10F017-04M	\Method\DS105E14.met	Data\LF04\LF04022.dat	1		
23	Complete	Summary Run	17	2	10F017-04S	\Method\DS105E14.met	Data\LF04\LF04023.dat	1		
24	Complete	Summary Run	100	2	B105E14183	\Method\DS105E14.met	Data\LF04\LF04024.dat	1		
25	Complete	Summary Run	2	2	CDS105E14183 DSL 500/80/20PPM	\Method\DS105E14.met	Data\LF04\LF04025.dat	1		
26	Complete	Summary Run	3	2	CDS105E14184 JP5/5W/30 500PPM	\Method\DS105E14.met	Data\LF04\LF04026.dat	1		
27		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04027.dat	1		
28		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04028.dat	1		
29		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04029.dat	1		
30		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04030.dat	1		
31		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04031.dat	1		
32		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04032.dat	1		
33		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04033.dat	1		
34		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04034.dat	1		
35		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04035.dat	1		
36		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04036.dat	1		
37		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04037.dat	1		
38		Summary Run	1	2	B	\Method\DS105E14.met	Data\LF04\LF04038.dat	1		

For Help, press F1 Run 6/7/10

Monday, June 07, 2010

Start | EZChrom Elite | GCT-105 Method: ... | GCT-105 (Offline) Me... | Untitled - Paint | D:\Projects\EZCG31\Export | 08:20

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR TPH

SOP ☐ EMAX-3550 Rev. No.2 ☑ EMAX-3520 Rev. No.2 ☐ EMAX-LUFT E Rev. No.3 ☐ EMAX-3540 Rev. No.0 ☐ EMAX-3510 Rev. No. 1

Matrix: WATER Start Date: 6/3/10 Time: 13:45 End Date: 6/4/10 Time: 7:45 Book # EDS-04

PREPARATION BATCH # DSF0074

Sample Prep ID	Lab Sample ID	Sonicator Number	Sample Amount (g/mL)	Extract Volume (ml)	Silica Gel Clean-up	Notes
01	DSF007 -WB	N/A	1000	10		* DSF008-WB } Silica
02	-WL		1000	10		-WL } gel
03	-WC		1000	10		-WC } clean up
04	10F017 -01		1060	10	Silica gel clean up	
05	-02		1060	10		
06	-03		1060	10		
07	-04		1060	10		
08	-04M		1060	10		
09	-04S		1060	10		
10	10F014 -01		1020	10		
11						
12						
13						
14						
15						
16						
17						
18				6/4/10 JM		
19						
20						
21						
22						
23						
24						* Half of DSF007
25						WB, WL, WC
26						done Silica gel
27						clean up

Standards	ID	Amount Added (ml)
Surrogate	SSSB-11-02-3	1.0
LCS/MS	SSSB-10-89-1	1.0

Reagent	Lot # (ID)
CH_2Cl_2	49296
Na_2SO_4	439602
HCl	48239
Silica Sand	—
Silica Gel	8820783

TUNING

Sonicator #	Reading
	N/A

Concentrator Water Bath Temp. (C)

1	35	35
2	35	35
3		
4		
5		
6		

Comments: Test thermometer = T.

Prepared By: ZA/JM/CS Standard Added By: JM

Witnessed By: CS Checked By: ML

Extract Received by: AB 6/4/10 Extract Location: SE06-

Disposal Date: Disposed By:

This page is checked during data review.

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR TPH

SOP ☑ EMAX-3550 Rev. No.2 ☐ EMAX-3520 Rev. No.2 ☐ EMAX-LUFT E Rev. No.3 ☐ EMAX-3540 Rev. No.0 ☐ EMAX-3510 Rev. No. 1

Matrix: Soil Start Date: 6/3/10 Time: 12:30 End Date: 6/3/10 Time: 14:00 Book # EDS-048

PREPARATION BATCH # 25F009S

Sample Prep ID	Lab Sample ID	Sonicator Number	Sample Amount (g)	Extract Volume (ml)	Silica Gel Clean-up	Notes
01	D5F009 -SB	1	10.00	10		
02	-SL	6	10.01	10		
03	-SC	6	10.03	10		
04	10F014 -02	6	10.02	10		
05	10F016 -01	6	10.03	10		
06						
07						
08			JU	6/3/10		
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

Standards	ID	Amount Added (ml)
Surrogate	SS3B-11-02-3	1.0
LCS/MS	SS3B-10-89-1	1.0

Reagent	Lot# / ID
CH_2Cl_2	49296
Na_2SO_4	H39C02
HCl	
Silica Sand	78696
Silica Gel	

TUNING	
Sonicator #	Reading
1	20%
6	25%

Concentrator Water Bath Temp. (°C)		
1	35	35
2		
3		
4		
5		
6		

Comments: Test thermometer = T_L

Prepared By: JU Standard Added By: JU

Witnessed By: CS Checked By: VM

Extract Received by: [illegible] 6/3/10 Extract Location: SE06 # 15A

Disposal Date: Disposed By:

This page is checked during data review

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METALS / MERCURY

SDG#: 10F014

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 3050B/6010B
METALS BY TRACE ICP

One (1) soil sample was received on 06/02/10 for Metals by ICP analysis, Method 3050B/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPF013SL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
METALS BY TRACE ICP

Client : CASIO-T EPC INC
Project NWS SEAL BEACH IR SITE 10.

SDG NO. 10F014
Instrument ID : T-106

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1S	1PF0138B	1	NA	06/03/1018:39	06/03/1010:30	108F003049	108F003047	1PF0135	Method Blank
LCS1S	1PF0138L	1	NA	06/03/1018:44	06/03/1010:30	108F003050	108F003047	1PF0135	Lab Control Sample (LCS)
LCD1S	1PF0138D	1	NA	06/03/1018:49	06/03/1010:30	108F003051	108F003047	1PF0135	LCS Duplicate
PDII SS01-0S021QAS	F016-014	1	9.0	06/03/1018:54	06/03/1010:30	108F003052	108F003047	1PF0135	Analytical Spike Sample
PDII SS01-0S1210	F016-01	1	9.0	06/03/1018:59	06/03/1010:30	108F003053	108F003047	1PF0135	Field Sample
PDII-SS01 0S021QDL	F016-010	5	9.0	06/03/1019:03	06/03/1010:30	108F003054	108F003047	1PF0135	Diluted Sample
B-1-2-3	F014-02	1	23.8	06/03/1019:19	06/03/1010:30	108F003057	108F003047	1PF0135	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3050B/6010B
METALS BY TRACE ICP

Client	: INSIGHT ELC. INC.	Date Collected:	05/02/10 12:00
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	05/02/10
SDG NO	10F014	Date Extracted:	06/03/10 10:30
Sample ID	S 1-2 3	Date Analyzed:	06/03/10 19:19
Lab Samp ID	F014 02	Dilution Factor:	1
Lab File ID.	106F00305/	Matrix	: SOIL
Ext Batch ID:	1PF013S	% Moisture	: 23 8
Calib. Ref .	10M100304/	Instrument ID	: LMAXT10B

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	13 1	1.31
Arsenic	11 7	1.31	0.575
Barium	126	1 31	0 202
Beryllium	0 774J	1 31	0 262
Cadmium	0.659J	1 31	0 131
Chromium	25.3	1 31	0.262
Cobalt	12 4	1.31	0.262
Copper	29 4	1.31	0.262
Lead	10.3	1.31	0.262
Molybdenum	4.31J	6.56	0.656
Nickel	19.5	1 31	0.262
Selenium	ND	1 31	0.656
Silver	ND	1.31	0.328
Thallium	2.77	1.31	0.656
Vanadium	55.4	1.31	0.655
Zinc	73.6	1.31	0.656

METHOD 3050B/6010B
METALS BY TRACE ICP

Client	: INSIGHT LLC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH IR SITE 70.	Date Received:	06/07/10
SDG NO	: 10FC14	Date Extracted:	06/03/10 10:30
Sample ID.	: N5LK1S	Date Analyzed:	06/03/10 18:39
Lab Samp ID:	1PF0105B	Dilution Factor:	1
Lab File ID:	10BF003049	Matrix	: SOIL
Ext Batch ID:	1PF010S	% Moisture	: NA
Calib. Ref:	10BF003047	Instrument ID	: EMAX1108

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	10.0	1.00
Arsenic	ND	1.00	0.400
Barium	ND	1.00	0.200
Beryllium	ND	1.00	0.200
Cadmium	ND	1.00	0.100
Chromium	ND	1.00	0.200
Cobalt	ND	1.00	0.200
Copper	ND	1.00	0.200
Lead	ND	1.00	0.200
Molybdenum	ND	5.00	0.500
Nickel	ND	1.00	0.200
Selenium	ND	1.00	0.500
Silver	ND	1.00	0.250
Thallium	ND	1.00	0.500
Vanadium	ND	1.00	0.500
Zinc	ND	1.00	0.500

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO. INC.
PROJECT: NWS SEAL BEACH, IR SITE #6.
SDG NO.: 10F014
METHOD: METHOD 3050B/6010B

MATRIX: SOIL | % MOISTURE: NA
DILTN FACTOR: 1 | 1 | 1
SAMPLE ID: MBLK1S
CONTROL NO.: 1PF0135B | 1PF0135C | 1PF0135C
LAB FILE ID: 108F003049 | 108F003050 | 108F003051
DATIME EXTRCTD: 06/03/1010:30 | 06/03/1010:30 | 06/03/1010:30 | DATE COLLECTED: NA
DATIME ANALYZD: 06/03/1018:39 | 06/03/1018:44 | 06/03/1018:49 | DATE RECEIVED: 06/03/10
PREP BATCH: 1PF0135 | 1PF0135 | 1PF0135
CALIB. REF: 108F003047 | 108F003047 | 108F003047

ACCESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Antimony	ND	250	256	102	250	256	102	0	80-120	20
Arsenic	ND	50	51.1	102	50	50.3	101	1	80-120	20
Barium	ND	50	45.5	91	50	46.[illegible]	93	2	80-120	20
Beryllium	ND	50	48.8	98	50	50.2	100	3	80-120	20
Cadmium	ND	50	48.9	98	50	49.2	98	0	80-120	20
Chromium	ND	50	47.6	95	50	47.7	95	0	80-120	20
Cobalt	ND	50	49.8	100	50	49.8	100	0	80-120	20
Copper	ND	50	49.1	98	50	48.1	96	2	80-120	20
Lead	ND	50	47.2	94	50	47.5	95	0	80-120	20
Molybdenum	ND	50	49.3	99	50	49.8	100	1	80-120	20
Nickel	ND	50	48.2	96	50	48.3	97	0	80-120	20
Selenium	ND	50	50.4	101	50	49.2	98	2	80-120	20
Silver	ND	50	49.1	98	50	48.3	97	1	80-120	20
Thallium	ND	50	46.4	93	50	46.4	93	0	80-120	20
Vanadium	ND	50	49.7	99	50	49.7	99	0	80-120	20
Zinc	ND	50	51.1	102	50	52.[illegible]	105	3	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT SEC. INC
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10F014
METHOD: METHOD 3050B/6010B

MATRIX: SOIL % MOISTURE: 9.0

DILUTION FACTOR:	1	5		
SAMPLE ID.	PD11-SS01-060310	PD11-SS01-060310DI		
EMAX SAMP ID	F016-01	F016-01J		
LAB FILE ID	I08F003053	I08F003054		
DATE EXTRACTED:	06/03/1010:30	06/03/1010:30	DATE COLLECTED	06/03/10 09:40
DATE ANALYZED:	06/03/1018:59	06/03/1019:03	DATE RECEIVED:	06/06/10
PREP. BATCH:	1PF013S	1PF013S		
CALIB. REF:	I08F003047	I08F003047		

ACCESSION:

PARAMETER	SMP. RSLT (mg/kg)	SERIAL DIL RSLT (mg/kg)	DIF RSLT %	QC LIMIT (%)
Antimony	4.76J	ND	NA	10
Arsenic	16.1	16.6	3	10
Barium	112	109	2	10
Beryllium	0.249J	ND	NA	10
Cadmium	1.05	1.07J	NA	10
Chromium	61.0	62.0	2	10
Cobalt	9.88	9.57	2	10
Copper	129	127	1	10
Lead	190	190	0	10
Molybdenum	1.71J	ND	NA	10
Nickel	37.7	37.7	1	10
Selenium	ND	ND	0	10
Silver	ND	ND	0	10
Thallium	1.70	ND	NA	10
Vanadium	61.7	61.8	0	10
Zinc	289	287	1	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ECO. INC
PROJECT: NAS SEAL BEACH, IR SITE 70.
SDG NO.: 10F014
METHOD: METHOD 3050B/6010B

MATRIX: SOIL % MOISTURE 9.0
DILUTION FACTOR: 1 1
SAMPLE ID: P011-SSC1-060310
CONTROL NO.: F016 01 F016 02A
LAB FILE ID: 108F003053 108F003052
DATTIME EXTRCTD: 06/03/1010:30 06/03/1010:30 DATE COLLECTED: 06/03/10 08:40
DATTIME ANALYZD: 06/03/1018:54 06/03/1019:04 DATE RECEIVED: 06/03/10
PREP. BATCH: 1P60135 1P60135
CALIB. REF: 108F003047 108F003047

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	QC LIMIT (%)
Antimony	4.76J	275	290	104	75-125
Arsenic	16.7	54.9	72	102	75-125
Barium	112	54.9	162	92	75-125
Beryllium	2.49J	54.9	57	103	75-125
Cadmium	1.35	54.9	56	100	75-125
Chromium	61	54.9	110	90	75-125
Cobalt	8.86	54.9	64	100	75-125
Copper	139	54.9	180	92	75-125
Lead	190	54.9	235	82	75-125
Molybdenum	1.71J	54.9	57.2	101	75-125
Nickel	37.7	54.9	89.2	94	75-125
Selenium	ND	54.9	54.8	100	75-125
Silver	ND	54.9	60.1	100	75-125
Thallium	1.7	54.9	52.8	93	75-125
Vanadium	61.7	54.9	114	96	75-125
Zinc	285	54.9	336	86	75-125

TRACE-LOW ICP CHECK TABLE

QC	ICV HIGH	ICV	CCV	ICSAB	ICSA
Limit %	95-105	90-110	90-110	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg/L
Al	10	5	5	500	500
Sb	1	0.5	0.5	1	0
As	1	0.5	0.5	1	0
Ba	1	0.5	0.5	0.5	0
Be	1	0.5	0.5	0.5	0
B	1	0.5	0.5	0.5	0
Cd	1	0.5	0.5	1	0
Ca	100	50	50	500	500
Cr	1	0.5	0.5	0.5	0
Co	1	0.5	0.5	0.5	0
Cu	1	0.5	0.5	0.5	0
Fe	10	5	5	200	200
Pb	1	0.5	0.5	1	0
Li	1	0.5	0.5	0.5	0
Mg	100	50	50	500	500
Mn	1	0.5	0.5	0.5	0
Mo	1	0.5	0.5	1	0
Ni	1	0.5	0.5	1	0
K	100	50	50	75	0
Se	1	0.5	0.5	1	0
Si	1	0.5	0.5	1	0
Ag	1	0.5	0.5	1	0
Na	100	50	50	75	0
Sr	1	0.5	0.5	0.5	0
Tl	1	0.5	0.5	1	0
Sn	1	0.5	0.5	1	0
Ti	1	0.5	0.5	1	0
U	10	5	5	1	0
V	1	0.5	0.5	0.5	0
Zn	1	0.5	0.5	1	0

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 6/3/10 14:13
End Date: 6/4/10 04:18

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-200.7	1
☐ EMAX-	

Comments: - E349-06 NaZLDR
03
05
- CCV8-CCV15 1Min
- E902-01 STLC A/D Recovery poor.
Samples TNA.

Book #: AD8-015
Instrument No.: D8
Analytical Batch: 1D8F003
Analytical Sequence: S_10F6010b(V5)
Method File: 10F6010b(V5)
Database: EMAX11

STANDARDS ID	
S0	SMIB12-76-01
S1	NA
S2	SMIB12-53-01
S3	NA
S4	NA
S5	SMIB12-53-02
S6	NA
S7	NA
S8	SMIB11-77-03
S9	NA
S10	NA
S11	SMIB12-0802
S12	NA
S17	SMIB12-0803
ICV	6202
CCV	7602
ICSA	4101
ICSAB	5102
CRI/MRL	NA

Analyzed By: TH
Date: 6/4/10

7665

SEQUENCE FILE . 1D8F003

4-10	19-33	34-43	44-53	54-63
[illegible]	ISID	TIME	DATE	DF
1D8F003001	Blank	14:13	06/03/10	1.000
1D8F003002	S2	14:19	06/03/10	1.000
1D8F003003	S5	14:23	06/03/10	1.000
1D8F003004	S8	14:25	06/03/10	1.000
1D8F003005	S11	14:34	06/03/10	1.000
1D8F003006	S17	14:39	06/03/10	1.000
1D8F003007	1CR	14:44	06/03/10	1.000
1D8F003008	1CB	14:51	06/03/10	1.000
1D8F003009	1CSAL	14:55	06/03/10	1.000
1D8F003010	1CSAB1	15:00	06/03/10	1.000
1D8F003011	1CVC	15:09	06/03/10	1.000
1D8F003012	1CBC	15:14	06/03/10	1.000
1D8F003013	TPF009WB	15:19	06/03/10	1.000
1D8F003014	IPE0859B	15:24	06/03/10	1.000
1D8F003015	IPF009WL	15:29	06/03/10	1.000
1D8F003016	IPF009WC	15:34	06/03/10	1.000
1D8F003017	IPF009WX	15:39	06/03/10	1.000
1D8F003018	TPF009WY	15:44	06/03/10	1.000
1D8F003019	IPE0859.	15:48	06/03/10	1.000
1D8F003020	IPE0859C	15:53	06/03/10	1.000
1D8F003021	IPE0859X	15:58	06/03/10	1.000
1D8F003022	IPE0859Y	16:03	06/03/10	1.000
1D8F003023	CDW2	16:12	06/03/10	1.000
1D8F003024	CDB2	16:15	06/03/10	1.000
1D8F003025	2222222	16:21	06/03/10	1.000
1D8F003026	IP4C73L	16:27	06/03/10	1.000
1D8F003027	IPFC3/9C	16:31	06/03/10	1.000
1D8F003028	E265-01A	16:36	06/03/10	1.000
1D8F003029	E265-01	16:41	06/03/10	1.000
1D8F003030	E265-01J	16:47	06/03/10	5.000
1D8F003031	E265-01P	16:51	06/03/10	1.000
1D8F003032	E265-02A	16:56	06/03/10	1.000
1D8F003033	E265-02	17:12	06/03/10	1.000
1D8F003034	E265-03	17:17	06/03/10	1.000
1D8F003035	C143	17:26	06/03/10	1.000
1D8F003036	C183	17:31	06/03/10	1.000
1D8F003037	IP12075A	17:36	06/03/10	1.000
1D8F003038	E265-04	17:36	06/03/10	1.000
1D8F003039	E567-01	17:36	06/03/10	1.000
1D8F003040	A150	17:41	06/03/10	1.000
1D8F003041	Fe510	17:51	06/03/10	1.000
1D8F003042	E321-037	18:00	06/03/10	5.000
1D8F003043	E331-387	18:05	06/03/10	5.000
1D8F003044	E570-367	18:10	06/03/10	10.00
1D8F003045	E570-397	18:10	06/03/10	10.00
1D8F003046	E570-467	18:20	06/03/10	10.00
1D8F003047	CC94	18:29	06/03/10	1.000
1D8F003048	CC54	18:34	06/03/10	1.000
1D8F003049	IPF013SB	18:39	06/03/10	1.000
1D8F003050	IPF013SL	18:44	06/03/10	1.000
1D8F003051	IPF013SC	18:49	06/03/10	1.000
1D8F003052	F016-01A	18:54	06/03/10	1.000
1D8F003053	F016-01	19:59	06/03/10	1.000
1D8F003054	F016-01J	19:03	06/03/10	5.000

ID8F003055	F015-01M	19:03	06/03/10	1.000
ID8F003056	F015-015	19:13	06/03/10	1.000
ID8F003057	F014-02	19:19	06/03/10	1.000
ID8F003058	E569-05	19:24	06/03/10	1.000
ID8F003059	C075	19:32	06/03/10	1.000
ID8F003060	C036	19:38	06/03/10	1.000
ID8F003061	TPF012W8	19:47	06/03/10	1.000
ID8F003062	TPF012W1	19:48	06/03/10	1.000
ID8F003063	TPF012W0	19:53	06/03/10	1.000
ID8F003064	C076	20:02	06/03/10	1.000
ID8F003065	C086	20:06	06/03/10	1.000
ID8F003066	TXF002W6	20:11	06/03/10	1.000
ID8F003067	E341-01A	20:13	06/03/10	1.000
ID8F003068	E341-01	20:22	06/03/10	1.000
ID8F003069	E341-01J	20:27	06/03/10	5.000
ID8F003070	E341-01M	20:32	06/03/10	1.000
ID8F003071	E341-01S	20:37	06/03/10	1.000
ID8F003072	E569-01	20:42	06/03/10	1.000
ID8F003073	F001-01	20:47	06/03/10	1.000
ID8F003074	C097	20:55	06/03/10	1.000
ID8F003075	C087	21:01	06/03/10	1.000
ID8F003076	TPF008W9	21:06	06/03/10	1.000
ID8F003077	TPF008W1	21:11	06/03/10	1.000
ID8F003078	TPF008W2	21:16	06/03/10	1.000
ID8F003079	E349-06A	21:21	06/03/10	1.000
ID8F003080	E349-06	21:26	06/03/10	1.000
ID8F003081	E349-06J	21:31	06/03/10	5.000
ID8F003082	E349-06M	21:37	06/03/10	1.000
ID8F003083	E349-06S	21:42	06/03/10	1.000
ID8F003084	E349-02	21:47	06/03/10	1.000
ID8F003085	E349-03	21:52	06/03/10	1.000
ID8F003086	C078	22:02	06/03/10	1.000
ID8F003087	C083	22:07	06/03/10	1.000
ID8F003088	E349-04	22:12	06/03/10	1.000
ID8F003089	E349-05	22:17	06/03/10	1.000
ID8F003090	E349-07	22:22	06/03/10	1.000
ID8F003091	E349-02	22:28	06/03/10	1.000
ID8F003092	E349-03	22:33	06/03/10	1.000
ID8F003093	E349-04	22:39	06/03/10	1.000
ID8F003094	C048	22:47	06/03/10	1.000
ID8F003095	TCD002	22:51	06/03/10	1.000
ID8F003096	C049	22:56	06/03/10	1.000
ID8F003097	C039	23:06	06/03/10	1.000
ID8F003098	E317-02	23:11	06/03/10	1.000
ID8F003099	E317-03	23:16	06/03/10	1.000
ID8F003100	E317-02	23:21	06/03/10	1.000
ID8F003101	E339-03	23:26	06/03/10	1.000
ID8F003102	E339-07	23:31	06/03/10	1.000
ID8F003103	E339-09	23:36	06/03/10	1.000
ID8F003104	C090	23:44	06/03/10	1.000
ID8F003105	C910	23:48	06/03/10	1.000
ID8F003106	TPF009P	23:53	06/03/10	1.000
ID8F003107	E902-01A	23:59	06/03/10	1.000
ID8F003108	E902-03	00:04	06/04/10	1.000
ID8F003109	E902-01D	00:10	06/04/10	1.000
ID8F003110	E902-01C	00:15	06/04/10	5.000
ID8F003111	E902-01M	00:20	06/04/10	1.000

ID9F003112	E902-015	00:26	06/04/10	1.000
ID9F003113	CCV11	00:37	06/04/10	1.000
ID9F003114	CCB11	00:42	06/04/10	1.000
ID9F003115	E902-01A	00:47	06/04/10	5.000
ID9F003116	E902-01T	00:52	06/04/10	5.000
ID9F003117	E902-01B	00:57	06/04/10	5.000
ID9F003118	E902-01D	01:02	06/04/10	25.00
ID9F003119	E902-01W	01:07	06/04/10	1.000
ID9F003120	E902-01S	01:12	06/04/10	1.000
ID9F003121	CCV12	01:23	06/04/10	1.000
ID9F003122	CCB12	01:28	06/04/10	1.000
ID9F003123	TX-00158	01:33	06/04/10	1.000
ID9F003124	E569-16A	01:39	06/04/10	1.000
ID9F003125	E569-16	01:44	06/04/10	1.000
ID9F003126	E569-16C	01:49	06/04/10	5.000
ID9F003127	E569-16M	01:54	06/04/10	1.000
ID9F003128	E569-16S	01:59	06/04/10	1.000
ID9F003129	E569-02	02:04	06/04/10	1.000
ID9F003130	E569-03	02:09	06/04/10	1.000
ID9F003131	E569-04	02:14	06/04/10	1.000
ID9F003132	E569-05	02:19	06/04/10	1.000
ID9F003133	CCV13	02:28	06/04/10	1.000
ID9F003134	CCB13	02:33	06/04/10	1.000
ID9F003135	E569-06	02:39	06/04/10	1.000
ID9F003136	E569-07	02:44	06/04/10	1.000
ID9F003137	E569-08	02:49	06/04/10	1.000
ID9F003138	E569-10	02:54	06/04/10	1.000
ID9F003139	E569-11	02:59	06/04/10	1.000
ID9F003140	E569-12	03:04	06/04/10	1.000
ID9F003141	E569-13	03:09	06/04/10	1.000
ID9F003142	E569-14	03:15	06/04/10	1.000
ID9F003143	E569-15	03:20	06/04/10	1.000
ID9F003144	CCV14	03:29	06/04/10	1.000
ID9F003145	CCB14	03:34	06/04/10	1.000
ID9F003146	E548-024	03:39	06/04/10	10.00
ID9F003147	E548-027	03:44	06/04/10	10.00
ID9F003148	E548-022	03:49	06/04/10	10.00
ID9F003149	E568-01	03:54	06/04/11	1.000
ID9F003150	E568-02	03:59	06/04/11	1.000
ID9F003151	E568-03	04:04	06/04/11	1.000
ID9F003152	CCV15	04:13	06/04/11	1.000
ID9F003153	CCB15	04:18	06/04/11	1.000

SDG : [illegible] UNIT : [illegible] SUMMARY of ICP and ICV - ISP6010 DATE 06/03/10 INST : ENAC1

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	---					----	----	----	----	----	----	----	----	----	----	-	-	----	----	----	----	----	----	----	----
S7	--	----	----	----	----	----	----	--	---	---						----	----	---	----	--	-	----	----	----	---	-	---
S5	----	--	-	-- -	----	----	----	----	----	----	----	----	----	----		---	----	----	----	----		---	----	----	----	----	----
S9	----	----	---			-			---	----	----	----	----	----	----	----	----	---	-	----	----	----	----	----	-		--
S11	----	----	----	----	----	----	----	----	----	----	---	----	----	----		---	----	----	----	----	-	----	----	----	----	----	----
S17	----	----	----	----	----	----	---				----	----	----	----	----	----	----	-	----	----	----	----	- -	-	----	----	----
ICV	95	102	100	93	96	107	96	100	97	95	96	95	94	102	93	97	94	97	96	99	98	94	93	97	99	98	97
ICB	----	---	-		- -				--	--	--	----	- -	--	----	-- -	----	----	----	----	---	---	----	----	----	---	
ICSA1	93		----	----	----	----	----	95	----	----	----	90	----	105	----	-- -	--	----	----	----	----	-	----	----		---	----
ICSAB1	93	111	104	97	99	112	97	93	92	98	104	97	91	106	93	99	91	105	106	111	104	97	88	95	97	56	97
CCV1	95	102	100	93	96	107	96	102	98	95	97	99	94	101	94	98	95	97	99	100	99	95	94	95	99	99	101
CCB1	----	----	---						-	-	----	----	----	----	----	----	----	----	----	-- -	----	----	----	----	----	----	----
IPF0C9WB	----	- -	--	----	----	----	----	----	----	---	- -	-- -	----	----	----	----	----		---	----	----	----	----	----	----	----	----
IPE0B5SB	----	----	----	----	--	---	----	----	----	----	----	----	----	--	----		----	----	----	- --		----	----	----	--	---	----
IPF0C9WI	----	----	---			-	--				----	----	----	----	----	----	----	----	----	----	----	----		--	----	----	----
IPF0C9WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----		----	----	----		---	----
IPF0C9WM	----	----	----	----	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----
IPF0C9WF	----	----	---	- -	----	----	----	----	----	-- -	----	----	----	----	----	----	-	----	----	-	----	----	----	----	-- -		----
IPE0B5SL	----	----	----	----	-- -	----	--	----	----	-- -				--	--	----	----		----	----	----	----	----	----	----	----	----
IPE0B5SC	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	- --	----
IPE0B5SX	----	----	----	---							----	----	----	----	----	----	----	----	----	----	----	--	-	----		----	----
IPE0B5SY	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	-- -	----	----
CCV2	96	104	102	94	100	108	96	102	98	95	96	98	94	103	94	98	95	98	99	100	99	95	94	98	100	98	98
CCB2	----	----	----	----	- -				-		----	----	----	----	----	----	----	----	----	----	-- -		---	----	----	----	----
ZZZZZZZ	-	-	-	- -	----	----	----	-- -	----	----	----	----	----	---	--	- -	----	----	-- -	----	- --	----	-		----	--	----
IPF0C9SL	----	-		----	----	----	-- -	-- -	----	---				--	----	----	----	-	----	- --	----	----	----	----	----	- --	---	---
IPF0C9SC	----	----	----	----	----	----	----	----	----	----	----	----	----	-		----	----	----		----	----	----	----	----	----	----	----
F097-01A		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----		---	----
E065-01	----	-		----	----	----	----	----	----	----			--	----	----	----	----	----	----	----	----	----	----	-	----	----	----
E065-01I	----	----	----	----							----	---				----	----			----	----	---	----	----	----	----	----
E065-01F	---	- -	- --	-	---	----	----	---	----	-- -	- -	-	- -			----	---	-	---	--	--		- -	-	--	----	- -
E065-01G	----	----	----	----	--						- --	----	----	----	----	---		----	----	---		----	----	---			----
E065-02	----	- --	----		--	----	----	----	----	----	----	----	----	----		--	----		----	----	----	----				----	----
E065-03		----	----	----	----	---	----	---	----	-	----	----	----	----	----	----	-	----	----	----		--	----	----	-- -		
ICV3	94	104	102	92	97	109	96	102	99	96	99	101	91	99	93	98	96	98	101	101	100	96	92	97	98	99	97
ICB3		-	----	-- -	- -	--	----	----	----	-		- -	---	---	----	- --	- -	---	----	- --		-	----	----		- -	----
IPF0C9SB			-	- -	--	----	----	----	----	--	-- -	- --		-	----	----	--		-	----			- -	- -	----	-	-
E065-04	----	----	----								-- -	----	----	----	--		----	---	----	-	---	----			---	---	----
E065-11			--	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----		--	----	----	--		---
A_S32	----	----	----			----	----	----	----	----		---	----	----	----	----	----	----	----	----	----			----	----	----	-
A_S32		--	- --	----	----	----	----	----	--		----	---	----	-- -	----	----		----	----	-	-	----	----	----		----	----
E031-07	----	----		--	----	---	- -	---	---	----	----	----	----	-- -	-	---	----	----	-	----	--		--	----	----	--	--
E031-08	-- -	----	----	----	----	----	- -	- -	----	-- -			-	----	---	----	---	----	- -	-	---	----	--	---		-	----	----
E070-06	----	----	----	---	----	----	----	----	----	----	----	- -	-		----	----	----	--	----	----	----	----	---		----	----	----
E070-09	----	--		----	----	----	----	----	----	----	----	----	----	----		----	----	-		--	----	----	----	----	----	----	----
E070-46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----
ICV4	96	104	101	94	101	108	96	102	99	95	96	99	94	104	94	97	96	98	99	103	99	95	93	99	101	98	98
ICB4	- -		--	-- -	----	----	----	----	-		-- -	- -	- -	----	---		-- -	---	-- -	----	---	---		--	----	----	-
IPF0C9SB	----	----	----	----			- -	----	----	----	----	-- -	- --	---	-	----	- --		----	- --	----	----	----	-	-	--	---
IPF0C9SL	----	----	----	----	----	----	--				----	----	----	----	--	----	----	---		----	----	----	----	---	----	----	----
IPF0C9SC	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	----
F016-01A	----	----	----	----	----	----	----	----	----	----		-	----	----	----	----	----	----	----	----	--	--	----	----	---	-	----
F016-01I	----	-	-	----	----	----	----	----	--		---	--		-	---	----	----	----	----	---	----	-	----	----	----	-	---
F016-01J	-- -	- --	----	-	-	----	-	- -	- --	----	----	-- -	----	-	---	-- -	--	- -	---		----	----	--	---	----	----	

F016-03M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
F016-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
F014-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	95	104	101	95	99	103	96	102	98	95	95	98	94	101	92	98	95	98	95	103	99	95	94	98	103	99	97	97
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF012WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF012WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF012WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	95	102	100	92	99	106	96	100	95	94	94	96	94	101	92	97	94	95	97	92	98	94	93	96	99	97	97	100
CCB4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF002WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E341-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E341-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E341-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E341-01N	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E341-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
F001-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV7	94	103	100	92	99	107	95	100	96	94	94	96	93	101	91	96	93	97	98	98	97	94	93	98	99	98	98	98
CCB7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF008WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF008WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPF008WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-06A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-06J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-06M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-06S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV8	94	104	101	95	97	103	95	95	97	95	94	95	94	98	85*	98	94	107	96	98	103	95	94	100	100	99	98	98
CCB8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E349-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E350-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E356-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E357-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS42	94	----	----	----	----	----	----	99	----	----	----	91	----	99	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS42	94	113	115	94	95	115	96	97	97	94	103	97	93	110	81	100	93	111	116	101	103	98	91	99	97	95	94	94
CCV9	95	102	99	92	96	106	96	96	97	92	101	96	94	110	83*	97	94	103	97	96	101	95	93	100	101	99	95	95
CCB9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E319-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E319-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E319-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E329-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E339-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E339-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV10	94	103	100	95	96	107	96	96	96	94	93	95	94	96	83*	98	94	103	95	98	102	96	94	100	99	99	98	98
CCB10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
WTEC0553	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

E902-015	----	----	----	---		--	----	----			----	----	----	----	----	----	----	--	----	----	----	----	----	----	---	----	----
CCV11	94	108	100	96	94	105	96	94	95	94	93	95	94	92	79*	96	94	105	97	97	103	95	95	101	99	99	99
CCB11	----	----	----	----	--		----	----			----	----	----	----	----	----	----	---	----	----	----	----	----	-	----	----	----
E902-01A	----	----	---	--	----	----	----	----	----	----	----	----	---	----	----	---	----	----	----	----	----	---	----	----	----	---	----
E902-01*	--	----	- -	----	----	- -	----	- --			----	----	----	----	----	--	---	----	----	----	----	---	----	-	-- -	----	----
E902-01C	-	----	----	----	----	----	----	----	----	----	----	----	-		----	----	-	----	----	----	----	----	--	----	----	----	----
E902-01J	----	----	-	---	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	---	----	----	----	----	---
E902-01M	---	----	----	---		----	----	----	- -		--	----	----	----	----	---	---	----	----	----	----	---	----	----	----	----	----
E902-01S	----		----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	---	--	----	----	--	----	----	----
CCV12	93	102	99	96	92	105	95	93	95	94	92	94	94	91	77*	97	93	106	96	97	103	95	94	100	96	98	96
CCB12	- -	----	----	-- -	---		---	----	----	---		- -	- --	---	----	-	- --	---	---	- --	----	-	---	----	- -	----	----
TAFCD153	---	-	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----		----	-	----	----	----	--	----	----	----
E669-16A	----	----	-	---	----	----	----	---	----	----	----	----	----	----	---	---	----	----	--	----	----	---	----	----	---	---	----
E669-16	---	---	----	----	----	----	----	---	----	----	----	----	-	- -	----	----	----	--	----	----	----	---	----	----	----	----	
E669-16J	----	----	----		----	----	----	----	----	----	----	----	----	----	----	---	----	----	--	----	--	----	----	----	----	--	----
E669-16*	----	-	-- -	----	----	----	---	----	----	- --	----	----	---		---	----	--	----	----	----	----	--	---	----	----	----	
E669-16S	--	--	----	----	----	- -	----	----	----	----	-- -	----	-	- -	----	----	----	--	----	----	----	- --	----	--	---	----	----
E669 02	----	----	---	--	----	----	----	----	----	----	----	----	----	----		----	----	----	----	---	---	----	----	----	----		----
E669-03	----	--	--	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	--	----	----	----	----	----	---	----	----
E669-04	----	----	----	---	-	----	----	----		---	----	----	----	----	----	--	----	----	----	----	--	----	----	----	----	---	----
E669-05	----	----	---	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	-	- -	----	----	---	----	----	----	----
CCV13	94	104	100	97	94	100	95	94	95	94	92	94	94	92	76*	97	94	107	95	96	104	96	94	100	97	97	98
CCB13	----	----	-	----	----	----	----	---	----	-- -	----	----	----		----	----	-	----	----	---	----	-	----	----	----	---	----
E669-06	----	----	----	-	--	----	----	----	----	----	----	----	----	----	--	----	----	----	-	----	---	----	----	----	---	----	----
E669-07	----		----	----	----			----		----	----	----	----	----	----	-	----	----	----	----	--	---	----	----	---	-	----
E669-08	----	----	- -	---	----	----	----	----	----	----	----	----	----	---	----	----	----	-	----	---	----	--	----	----	----	----	---
E669-10	----	----	----	--		----	----	----	----	----	----	----	----	----	--	----	----	----	-	----	--	----	----	--	----	----	----
E669-11	----	-	--	----	----	-	-	- -	- --	- --	-- -	--	- -	- -	-- -		- --	----	- --	----	--	- -	----	-- -		----	---
E669-12	-	---	----	----	----	---	----	- -	----	----		--	----	----	----	----		----	----	----	----		----	----	----		----
E669-13	----	-	---	----	----	----	----	----	----	----	----	-		----	----	----	----	--	----	----	----	----	-	----	----	----	
E669-14	---	----	----	----	----	-		--		--	----	----	----	----	----		----	----	---	----		----	----	-	----	----	----
E669-15	--	--	----	----	----	----	----	-- -	----	----		---	----	----	----	----	-	----	----	----	----	-	----	----	----		----
CCV14	91	104	101	97	91	107	96	94	96	94	93	96	93	92	74*	97	93	106	98	97	105	96	93	99	96	99	99
CCB14	-- -	----	- -		- -	----	-	-	-- -	- -	----	---	-- -	---	---	-	-	----	--	--	--	- --	----	--	-	----	-- -
E648-02A	---		----	----			---	----			----	----	----	----	--	---	----	----	--	--	----	----	----	----		----	---
E648-02L	----	----		--	----	----	- -	----	----	----	----	----		-	----	- --	----		----	----		----	----	----	---		----
E648-02S	--	----	----	----			----	---		-	----	----	----	----		----	----	----			----	----	----			--	----	----
E668-01	----	----		-	----	----	--	----	----	----	----	----		-	----	-	---	--	----	----		----	----	----	--		----
E668-03		-- -	----	- -			- -	---				--	-- -	----	---		----	---			----	- --	----			---	----	
E673-01	---	--		- -	----					--	----	- --			-- -	---	-	---	--		--	-	----			--	-	- -
CCV15	91	102	101	97	91	106	95	95	93	95	95	96	94	88*	75*	97	95	105	95	99	102	98	94	97	96	100	98
CCB15		----	----	----	----	---		--			----	----	----	----	---	-	----	----		---	--	----	----			----	----	----

QC limit of each parameter are listed in a table attached next to all the QC check forms

* Out of QC limit

SDG : 30F0W4 JVET CLP SUMMARY of CALIBRATION BLANKS : 30F030 (SOIL) DATE : 06/02/10 INST : PERKIN

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----		----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	---	---	----	----	-	----	--	--	----
S2	---	---	----	-- -	-	-	-	- -	----	----	----	----	----	-	--	----	-	-- -	----	- -		----	---	--	---	----	----
S5	----	----	----	----	----	----	----	----	----	----	----	----		-	----	----	--	----	----	----	----	--	---	----	----	----	---
S8	---	-	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	--	----	----	----	----	----	----	
S11	----	----	----		----	----				----	----	----	----	----	----	-	----	----	----	----		----	----	----	----	----	----
S17	-	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	--	----	----	-	---	--	----	----	----
CCV	---	-	----	----	---	----	----	----	----	----	----	----	---	----	--	----	----	----	----	---	----	----	----	----	----	----	---
CCB	2.13	-.293	.160	.270	.010	.520	.070	16.0	.093	.030	.220	-.650	.283	9.93	.160	.380	-.020	10.1	.840	-.170	9.41	.020	.170	-.160	.343	-.020	.570
ICS41	----	3.53	.260	.290	.000	15.1	2.85	----	.043	-1.19	.130		9.93	----	-.120	-3.09	.730	-23.5	5.19	.280	99.5	7.05	4.63	2.13	-3.33	.540	4.74
ICSAB1	---	--	----	----	----	----	----	----	----	----	----	----	----		----	----	----		----	----	----	----	- -	---	----	--	----
CCV1	----	----	----	----	-	----	----	----	---	-		---	----	----	----	----	---	----	---	----	----	----	----	----	----	--	----
CCB1	15.2	.960	-.230	-.020	-.020	.130	.250	38.2	.150	-.010	.170	9.01	.290	18.2	.020	.220	-.040	7.55	.940	-.050	3.24	.030	.130	.400	.180	.010	1.10
IPF0996	----	----	----	----	-	- -	----	----	----	-		- -	----	- -	---	---	----	----	----	----	----	----	----	----	----	-	----
IPF0996	----	----	----	----	----	----	----	----	---		---	----	----	----	---	----		----	----	----	-	----	-	-- -	----	---	---
IPF0996	----		---	----	---	----	----	----	----	----	----	----	----		----	----	----	---	--	----	----	--	---	----	--	----	----
IPF0996	-	----	----	----	----	----	----	----	----	----	--		----	----	----	----	---	----	----	----	--	----	--	---	----	----	---
IPF0996	----	----	---	--	----	- -		--	----	----	----	----	----	----	--	----	----	----	---	----	----	----	- --	----	---	---	----
IPF0996	----	--	--	----	---	----	----	----	----	----	----	----	----		----	----	----	---	---	----	--	----	----	----	----	----	---
IPE0955	----	-- -	- -		----	---			---	--	----	----	----	--	-	----	----	----	---	----	----	-- -	--	----	--	---	----
IPE0955	-	----	----	----	----	----	----	----	----	---		---	---	----	--	---	----	----	-	----	----	---	----	----	--	----	----
IPE0955	----	-	--	----	----	----	----	----	----	----	----	----	--	-	----	----	--	----	----	----	----	-	-	----	----	-	----
IPE0955	----	----	--	--	--	---	----	----	----	----	----	----	----	----	---	----	----	-	----	----	----	----	---		----	----	----
CCV2	--	----	----	----	----	----	----	----	----	----	-		----	----	----	--	----	----	-	----	----	----	----	----	--	----	----
CCB2	1.30	2.46	.410	-.110	.050	.310	.010	7.06	.030	-.170	-.040	.600	-.130	2.56	-.020	.240	.040	1.73	.520	-.130	12.9	.070	.060	.070	.320	.070	-.030
2202272	----	- --	----	-	-- -	- --	----	----	-		---	-	----	---	--	---	- -		----	-- -	-- -	- -	--	--	----	---	- --
IPF0295	----	----	----	----	--	----			----	----	---	----	----	----	--	----	----	----		----	----	----	-- -	---	---	----	----
IPF0295	--	----	----	----	----	----	----	----	-		----	----	----	----	----	-	----	----	----	---	----	----	----	----	--	---	----
E265-01A	----	----	----		--	-	----	----	----	----	----	----	----	-	----	----	----		----	---	----	----	----	----	----	---	---
E265-01	----	----	----	----	---	----			----	----	----	----	----	----		----	----	----	-	----	----	----	---		----	----	----
E265-01J	----	---		----	- -	----	----	- --	-	---	----	---		--	----		----	----	- -	--	---	----	----	----		----	----
E265-01K	-	-	----		-	-- -	----	----	--	---		---	-- -	-	-	---		----	- --	- -	---	--		----	-	-	----
E265-01S	---	----	-	--	---			----	----	----	----	----		-	- --	----	---	-	----	----		----		---	----	----	
E265-02	--		----	----	----	----	----	----	----			--	----	----	----	--	----			----	----	--	----	-	----	----	----
E265-03	----	----			-			----	----	----	----	----		-	----	---	--	-	----		----	----		----	----	---	
CCV3	----							----	----	----			----	----		----	-- -	----		----	----	-	----	-	---	----	----
CCB3	2.90	.991	.041	.130	.020	.770	.037	1.44	.040	-.110	.021	6.46	-.151	2.28	.097	.210	-.390	3.37	.220	-.180	-1.87	.190	.260	.130	.570	.070	-.110
IPF0 34		- -	----					- -	----			- -	----			----	-		--	--	--	--		---		-	---	
E265-04	----	-		----	----	----	----	- -	----	----			---	----	----		----	--		--	- --	----	-	--		----	-	----
E262-01	----	----	----	-	--		----	----	----	----	----	----	--		----	----	-	----	----	----	-	----	----	----	----	----	-
4.505	----		--	----	----	----	--	----	----	---		-	----	----	-	----	----	-	---	----	----	-		---	----	----	--
PE500	----	----	--	-		----	----	---	----	----	----	---		----	----	--	--	----	---	---	--	----	----	----	----		----
E331-07	----	-	- -	----	- -	-		--	----	----	- --	---	----		----	----	--	--	----	----	--	----	----	----	----	----	
E331-08	-	----	----	----	----	----	----		---	----	----	---	- --	----	-	----	----		----	--	----	----	---	----	--	--	--
E570-36	----	-	----	-- -	----	----	----	----	- -		----	----	----	----	---	---	----	----	-	----	----	----	----		-	----	----
E570-39	----	----	----	--	----		- -	----	----	----	----	----	----	--	----		----	----	----	----	--	----	----	----	--	----	----
E570-46	---	----	----	----	----	----			----	----	----	----	----		----	----	---	---	----	----	----	--	---	----	----	----	-
CCV4	----	----		----	---	----	---	-			----	----	----	----	-	----	----		----	----	----	--	---	----	----	----	
CCB4	.880	2.45	-.103	.010	.009	.160	.030	5.35	.170	-.010	-.140	.880	.270	1.71	-.150	.290	.070	5.75	.200	-.250	31.2	.030	.170	.435	.970	-.170	-.010
IPF0135	----	---		-	----		----	----	- --	--		----	- --	---	----	-	----	--	-	----	----	----	---	--	----	--		----
IPF0135	-	----	----	----	----	----	--		----	----	----	----	----	----	----	--	----	----	---	----	----	----	-	----	----	----	----
IPF0135	--	---	----	----	----	----	----	--	-	----	----	----	----	---	---	----	----	-	----		----	----	----	----	-	----	----
FC16-01A	----	-	----	----	----	----	----	----		---	----	----	----	----	-	----	----		----	----	---	--	----	----	----	----	---
FC16-01	----	- --	----	--	--		----	---	- --	----	----	---		----	-	----	----	--	---	----	----	-	-	----	----	----	
FC16-01J	- -	---	-	-	-- -	- -	-	--	----		---	----	--		---	--	-	- -	----	--	-- -	----	---	----		- --	---

F016-019	----	----	----	--	----	----	----	----	----	----	----	----	----	----	---	-	----	-	----	----	----	----	--	----	--	-	----
F016-015	----	----	---	--	----	----	----	----	----	-	---	----	---	-	----	----	----	----	----	----	- -	----	----	----	----	----	----
F014-02		----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	-	----	----	----	----	--	----	--	--	----
E569-09	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	---	----	----	- -	----	----	
[illegible]	---	---	-	----	----	---	-	- -	---	----	-- -	- -	----	----	-- -	-	----	--	-- -	----	---	--	----	----	-	----	----
CC35	.160	.030	.200	240	.140	.420	.130	16.7	.030	.310	- .120	3.13	- .200	1.03	.058	.250	-.060	37.3	.820	- .170	11.5	.090	.220	.100	.950	- .040	.030
IPF012xB	----	----	----	----	----	----	----	----	----	----	---	----	----	----	-	----	----	----	----	----		----	----	----	----	----	----
IPF012xL	-	----	----	----	----	----	----	----	----	----	----	----	----	----	--	--	----	----	----	----	----	- -	----	----	----	----	----
IPF012xC	----	----	----	----	----	----	----	--		-	----	----	--	-	----	----	----	----	----		----	----	-	---	--	----	----
CC49	----	----	----	----	----	----	----	----	----		----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----
CC36	.440	1.85	-.030	.140	-.310	.330	.370	67.6	.100	-.030	.060	.690	-.170	2.37	.170	.310	.170	29.1	.030	-.210	5.05	.020	.640	.420	.530	- .050	5.33
TPF012xB	----	---	---	----	-		----	----	----	----	----	----	----	- -	----	----	--	--	----	----	----		---	----	----	----	----
E341-01A	----	----	----	----	----	----	----	----	---		----	-	---	----	----	----	----	----	-	----	----	----	----	----	---	-	----
E341-01	----	---	--	----	-		----	----	----	----	----	----	----	----	----	----	--	---	----	----	- -	----	----	----	----	----	----
E341-01C	----	----	----	----	----	----	----	----	-		- -		----	----	----	----	----	----		----	----	----	----	- --	-	---	----
E341-01M	---	---	--	----	-		----	----	----	----	----	----	----	--	--	----	----	----	----	-	----	----	----	----	----	----	
E341-015	- --	----	--	--		--	----	----	----	--	---	----	----	----	-- -	-	----	---	----	----	- --	---	----	-	- -	----	-- -
E569-01	----	----	----	----	----	----	----	----	----		----	----	----		-- -	----	----	----	----		----	----	----	--	----	-	----
FC01-01	----	----	----	----	----	---		--	----	----	-		----	----	----	----	--	---	---	----	----	--	----	---	---	----	----
CC47	-	----	----	-- -	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	-	----	----	----	----	----	----	---
CC67	-1.41	2.14	289	- 020	.020	210	030	22.6	.100	- 090	080	2.60	-.230	3.46	.182	.170	150	61.3	1.12	.340	359	340	-.120	-.310	650	- 310	320
IPF028WB	-	----	----	- --	----	---	----	----	----	-	----	----	----	---	--	----	---	----	----		- --	----	----	- --	----	---	--
IPF028WL	----	----	-	---	----	-		----	----	----	----	----	----	--	----	----	- --	----	----	--	---	----	----	----	---	-	----
IPF028WC	----	----	----	----	----	----	----	----	--		- -		----	----	----	----	--	--	----	----	----	----		--	----	----	---
E349-05A	-	---	----	----	----	----	----	----	----	----	----	----		-	----	----	----	----		----	----	----	----	--		----	----
E349-06	----	----	----	----	----	----	----		--	----	---	----	----	----	----	---	---	----	----		----	----	----	----	----	-	----
E349-06C	--	----	----	----	----	----	----	----	---		---		---	----	----	----	---	--	----	----	----	----	--	--	----	----	----
E349-06M	----	- -	- -	--	---	- -	-	---	-- -	- --	----	----	--		----	---	---	----	-	----	-- -	----	----			----	- --
E349-065	----	----		-		----	----	----	---	- --	----	----	----	- --	-	----	----	----	----		----	----	----	----	-- -	-	----
E349-07	----	----	----	----	--		----	----	----	----	----	----	----	----	--	----	----	----	----	----	---	----	----	----	----	----	--
E349-03	--	--	----	----	----	----	----	----	----	---	----	----		----	----	----	----	----	--	----	-	----	----	----	----	----	--
CC48	----	----		-	----	----	----	----	----	----	----	----	----		----	----	----	----	--	---	----	----	----	--		----	----
CC68	370	2.45	1.31	050	- 110	2.40	220	16.4	- 110	070	.100	2.61	- 540	3.95	1.0	160	137	57.5	.812	- 110	565	160	690	- .130	890	- .070	1.10
E349-04	---	-	--	----	- -	-	---		-	-	-	- -	--	----	-- -	- --	---	- -	--	-	--	---		-	----		
E349-05	--	--	----	-	---	---	----	----	---		----	----	-		----	----	- -	----		----	----	-	----	-	---	----	----
E569-07	----	----	---	----	----	----				-	----		-	----	----	----		---	----	----		----	----	-	---	-		----
E359-01	-	--	----	-	----	----	----	----	---		----	----			----	----	-	--	-	----		----		----	--	----	----	----
E359-02	---	----	- --	----	----	----	-			-	----		-	----	----		----	----	----		----	----	-	---			--	----
E359-04			----	-	-	-- -	----	---	--		- --			-	- --	- --		-	-	- --	---		----	-	--	--		-
[illegible]	---	5.12	1.15	500	.100	.7.9	2.59	-	.150	-.1.53	.130		5.11	---	1.15	-2.12	720	34.5	1.17	.301	645	5.94	4.51	1.13	2.36	.360	1.37
[illegible]		- --	----	--	--	----	----	--				---	----	-	----		---	----	- -		- -	----	---	- -		----	----
[illegible]	----	---		-	----	----	----	- --	----	----	----	----		--	----	----	----	-	--	----	----	--	----	- --	----	----	----
CC59	11.6	390	920	.010	- 040	970	370	27.7	.150	.340	.160	7.66	- 230	17.1	.310	.270	.130	25.7	.40	.180	377	520	.600	.150	.630	- .110	-1.30
E317-02	----		---	--	----	----	----	----	----	-	----		-	----	----	----	-	-	----	----	----	--	----	----	----	----	---
E317-03	--	---	--			----	----	- -	----	---	----	- --	- -		-- -	----	----	--	-	----	- --	---		-	----	- --	----
E317-12	----	---	----	-- -	-	-	----	----	--	----	----	----	--	-	---	- --	----	----	-	----	---	---	--	- --	----	---	
E339-03	----	----	----	----	----	----			----	----	--	----	----	-- -	-	----	-	----	----	----		-	----	----	----	-	----
E339-07	----	----	-	-	--	----	----	----	----	----	----	----		--	----	-	---	----	----	----	----	----	----	----	----	-	----
E339-09	----	----	----	----	--	-	----	----	----	----	----	----	----	--	----	----	----	----		----	----	---		- -	----	---	----
CC410	----		----	----	----	----		---	----	----	----	----	----	----	-	----	----	----	- -	----	----	----	-		---	----	----
CC810	560	510	1.16	041	-.012	.171	350	10.1	.120	-.170	190	.420	.480	2.07	310	160	110	26.3	650	.120	319	.030	30.0	200	980	- .190	-3.39
wTE02596	-	----	----	- -	----	----	----	---					- -	----	- -	---	--	----	----	-	----	---	----	----	---	-	----	- --
E902-01A	----	----			----	----	----		---	----		----	----	----	-	----	-- -	----	----	-	----	----	----	----	-	----	----
E902-01	----	----	--	--	--	----	----	----	----	----	----	----		----	----	----	--	--	----		----	----	----	----	-	----	----
E902-01D	----	----	----	----	-	---	----	----	----	----	----	----	-	-	----	----	----	-	----	----	----	--	----	----	----	----	-
E902-01L	----	--	---	---	----	----	----	----	--			----	----	--	---	----	----	----		----	----	---	--	- --	----	----	----
E902-01M	---	- -	----	- -		---	----	- -	-	-	----	- --	-	---	-- -	- --	- -	-	---	- --	--	---	----	-- -	----	--	----

E902-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC911	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC91_	.043	.290	- 290	.170	.043	.650	.020	13.4	.170	-.150	.430	2.15	- .120	.160	- .030	.240	.060	73.1	.340	- .060	.765	.090	.450	-.140	.340	.040	- .990
E902-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E902-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC912	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC912	.310	.210	.890	.060	.010	.580	.050	21.0	.090	-.160	.190	2.00	-.260	3.96	.030	.230	.240	23.4	.470	.050	.495	- .010	.680	-.140	.440	- .010	.700
TAP-01S9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-16A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-15J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-15P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-16S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC912	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC912	-2.44	.720	.630	.130	-.010	.960	.050	20.0	.040	-.030	.110	1.91	-.430	4.02	.060	.200	.250	19.5	.630	- .130	.485	.050	.750	.090	.500	- .080	.400
E569-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E569-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC914	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC914	-1.59	.030	.870	.110	.010	.540	.030	16.2	.050	.090	.170	1.42	.530	3.03	- .140	.150	.100	7.52	.520	- .140	4.8	.020	.590	.210	.610	.110	.530
E545-12A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E545-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E545-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E565-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E568-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
E545-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC915	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC915	.021	.730	.530	.170	.120	.770	.110	7.10	.310	.110	.770	9.30	.110	-1.89	- .150	.970	.100	5.95	.510	- .190	.135	.077	.360	-.020	.760	- .940	- .670

30 limit of each parameter are listed in a table attached next to all the CC cross forms

* Out of 30 limit

	Pos.ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8F003001			1	☒	unk	—
2	0	0	0	0	Unk	S2		ID8F003002			1	☒	unk	—
3	0	0	0	0	Unk	S5		ID8F003003			1	☒	unk	—
4	0	0	0	0	Unk	S8		ID8F003004			1	☒	unk	—
5	0	0	0	0	Unk	S11		ID8F003005			1	☒	unk	—
6	0	0	0	0	Unk	S17		ID8F003006			1	☒	unk	—
7	1	1	1	1	QC	ICV		ID8F003007			1	☒	ICV	None
8	2	1	2	1	QC	ICB		ID8F003008			1	☒	3XIDL	None
9	3	1	3	1	QC	ICSA1		ID8F003009			1	☒	ICSA	None
10	4	1	4	1	QC	ICSAB1		ID8F003010			1	☒	ICSAB	None
11	5	1	5	1	QC	CCV1		ID8F003011			1	☒	CCV	None
12	6	1	6	1	QC	CCB1		ID8F003012			1	☒	3XIDL	None
13	7	1	7	1	QC	IPF009WB		ID8F003013			1	☒	CCB	None
14	8	1	8	1	QC	IPE085SB		ID8F003014			1	☒	CCB	None
15	9	1	9	1	QC	IPF009WL		ID8F003015			1	☒	LCS	None
16	10	1	10	1	QC	IPF009WC		ID8F003016			1	☒	LCS	None
17	11	1	11	1	QC	IPF009WX		ID8F003017			1	☒	LCS	None
18	12	1	12	1	QC	IPF009WY		ID8F003018			1	☒	LCS	None
19	13	1	1	2	QC	IPE085SL		ID8F003019			1	☒	LCS	None
20	14	1	2	2	QC	IPE085SC		ID8F003020			1	☒	LCS	None
21	15	1	3	2	QC	IPE085SX		ID8F003021			1	☒	LCS	None
22	16	1	4	2	QC	IPE085SY		ID8F003022			1	☒	LCS	None
23	17	1	5	2	QC	CCV2		ID8F003023			1	☒	CCV	None
24	18	1	6	2	QC	CCB2		ID8F003024			1	☒	3XIDL	None
25	19	1	7	2	QC	ZZZZZZZ		ID8F003025			1	☒	CCB	None
26	20	1	8	2	QC	IPF007SL		ID8F003026			1	☒	LCS	None
27	21	1	9	2	QC	IPF007SC		ID8F003027			1	☒	LCS	None
28	22	1	10	2	Unk	E365-01A		ID8F003028			1	☒	unk	—
29	23	1	11	2	Unk	E365-01		ID8F003029			1	☒	unk	—
30	24	1	12	2	Unk	E365-01J		ID8F003030			1	☒	unk	—
31	25	1	1	3	Unk	E365-01M		ID8F003031			1	☒	unk	—
32	26	1	2	3	Unk	E365-01S		ID8F003032			1	☒	unk	—
33	27	1	3	3	Unk	E365-02		ID8F003033			1	☒	unk	—
34	28	1	4	3	Unk	E365-03		ID8F003034			1	☒	unk	—
35	29	1	5	3	QC	CCV3		ID8F003035			1	☒	CCV	None
36	30	1	6	3	QC	CCB3		ID8F003036			1	☒	3XIDL	None
37	140	3	8	2	QC	IPF007S9		ID8F003037			1	☒	felec	None
38	31	1	7	3	Unk	E365-04		ID8F003038			1	☒	unk	—
39	32	1	8	3	Unk	E962-01		ID8F003039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	CorrFact	Check	Check Table	Fail Action
40	84	2	12	2	Unk	Al500		ID8F003040			1	☒	unk	—
41	85	2	1	3	Unk	Fe500		ID8F003041			1	☒	unk	—
42	33	1	9	3	Unk	E331-07T	5X	ID8F003042			1	☒	unk	—
43	34	1	10	3	Unk	E331-08T	5X	ID8F003043			1	☒	unk	—
44	35	1	11	3	Unk	E570-36T	10X	ID8F003044			1	☒	unk	—
45	36	1	12	3	Unk	E570-39T	10X	ID8F003045			1	☒	unk	—
46	37	1	1	4	Unk	E570-45T	10X	ID8F003046			1	☒	unk	—
47	38	1	2	4	QC	CCV4		ID8F003047			1	☒	CCV	None
48	39	1	3	4	QC	CCB4		ID8F003048			1	☒	3XIDL	None
49	86	2	2	3	QC	IPF013SB		ID8F003049			1	☒	CCB	None
50	87	2	3	3	QC	IPF013SL		ID8F003050			1	☒	LCS	None
51	88	2	4	3	QC	IPF013SC		ID8F003051			1	☒	LCS	None
52	89	2	5	3	Unk	F015-01A		ID8F003052			1	☒	unk	—
53	90	2	6	3	Unk	F015-01		ID8F003053			1	☒	unk	—
54	91	2	7	3	Unk	F016-01J		ID8F003054			1	☒	unk	—
55	92	2	8	3	Unk	F016-01M		ID8F003055			1	☒	unk	—
56	93	2	9	3	Unk	F016-01S		ID8F003056			1	☒	unk	—
57	94	2	10	3	Unk	F014-02		ID8F003057			1	☒	unk	—
58	95	2	11	3	Unk	E569-09		ID8F003058			1	☒	unk	—
59	96	2	12	3	QC	CCV5		ID8F003059			1	☒	CCV	None
60	97	2	1	4	QC	CCB5		ID8F003060			1	☒	3XIDL	None
61	98	2	2	4	QC	IPFC12WB		ID8F003061			1	☒	CCB	None
62	99	2	3	4	QC	IPFC12WL		ID8F003062			1	☒	LCS	None
63	100	2	4	4	QC	IPF012WC		ID8F003063			1	☒	LCS	None
64	101	2	5	4	QC	CCV6		ID8F003064			1	☒	CCV	None
65	102	2	6	4	QC	CCB6		ID8F003065			1	☒	3XIDL	None
66	103	2	7	4	QC	TXFC02WB	TCLP	ID8F003066			1	☒	CCB	None
67	104	2	8	4	Unk	E341-C1A	TCLP	ID8F003067			1	☒	unk	—
68	105	2	9	4	Unk	E341-01	TCLP	ID8F003068			1	☒	unk	—
69	106	2	10	4	Unk	E341-01J	TCLP	ID8F003069			1	☒	unk	—
70	107	2	11	4	Unk	E341-01M	TCLP	ID8F003070			1	☒	unk	—
71	108	2	12	4	Unk	E341-01S	TCLP	ID8F003071			1	☒	unk	—
72	109	2	1	5	Unk	E569-01	TCLP	ID8F003072			1	☒	unk	—
73	110	2	2	5	Unk	F001-01	TCLP	ID8F003073			1	☒	unk	—
74	111	2	3	5	QC	CCV7		ID8F003074			1	☒	CCB	None
75	112	2	4	5	QC	CCB7		ID8F003075			1	☒	CCV	None
76	40	1	4	4	QC	IPF008WB		D8F003076			1	☒	CCB	None
77	41	1	5	4	QC	IPF008WL		D8F003077			1	☒	LCS	None
78	42	1	6	4	QC	IPF008WC		D8F003078			1	☒	LCS	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	ConFact	Check	Check Table	Fail Action
79	43	1	7	4	Unk	E349-06A		D8F003079			1	☒	unk	—
80	44	1	8	4	Unk	E349-06	Nazlar	D8F003080			1	☒	unk	—
81	45	1	9	4	Unk	E349-06J		D8F003081			1	☒	unk	—
82	46	1	10	4	Unk	E349-06M		D8F003082			1	☒	unk	—
83	47	1	11	4	Unk	E349-06S		D8F003083			1	☒	unk	—
84	48	1	12	4	Unk	E349-02		D8F003084			1	☒	unk	—
85	49	1	1	5	Unk	E349-03	Nazlar	D8F003085			1	☒	unk	—
86	50	1	2	5	QC	CCV8	↓Mn	D8F003086			1	☒	CCV	None
87	51	1	3	5	QC	CCB8		D8F003087			1	☒	3X DL	None
88	52	1	4	5	Unk	E349-04		D8F003088			1	☒	unk	—
89	53	1	5	5	Unk	E349-05	Nazlar	D8F003089			1	☒	unk	—
90	54	1	6	5	Unk	E349-07		D8F003090			1	☒	unk	—
91	55	1	7	5	Unk	E359-02		D8F003091			1	☒	unk	—
92	56	1	8	5	Unk	E359-03		D8F003092			1	☒	unk	—
93	57	1	9	5	Unk	E359-04		D8F003093			1	☒	unk	—
94	58	1	10	5	QC	ICSA2		D8F003094			1	☒	ICSA	None
95	59	1	11	5	QC	ICSAB2		D8F003095			1	☒	ICSAB	None
96	60	1	12	5	QC	CCV9	↓Mn	D8F003096			1	☒	CCV	None
97	61	2	1	1	QC	CCB9		D8F003097			1	☒	3XIDL	None
98	62	2	2	1	Unk	E317-02		D8F003098			1	☒	unk	—
99	63	2	3	1	Unk	E317-03		D8F003099			1	☒	unk	—
100	64	2	4	1	Unk	E317-12		D8F003100			1	☒	unk	—
101	65	2	5	1	Unk	E339-03		D8F003101			1	☒	unk	—
102	66	2	6	1	Unk	E339-07		D8F003102			1	☒	unk	—
103	67	2	7	1	Unk	E339-09		D8F003103			1	☒	unk	—
104	68	2	8	1	QC	CCV10	↓Mn	D8F003104			1	☒	CCV	None
105	69	2	9	1	QC	CCB10		D8F003105			1	☒	3X DL	None
106	70	2	10	1	QC	WTE005SB	STLC	D8F003106			1	☒	CCB	None
107	71	2	11	1	Unk	E902-01A	STLC	D8F003107			1	☒	unk	—
108	72	2	12	1	Unk	E902-01	STLC	D8F003108			1	☒	unk	—
109	73	2	1	2	Unk	E902-01D	STLC	D8F003109			1	☒	unk	—
110	74	2	2	2	Unk	E902-01J	STLC	D8F003110			1	☒	unk	—
111	75	2	3	2	Unk	E902-01M	STLC	D8F003111			1	☒	unk	—
112	76	2	4	2	Unk	E902-01S	STLC	D8F003112			1	☒	unk	—
113	77	2	5	2	QC	CCV11	↓Mn	D8F003113			1	☒	CCV	None
114	78	2	6	2	QC	CCB11		D8F003114			1	☒	3XIDL	None
115	141	3	9	2	Unk	E902-01A	5X STLC	D8F003115			1	☒	unk	—
116	142	3	10	2	Unk	E902-01T	5X STLC	D8F003116			1	☒	unk	—
117	143	3	11	2	Unk	E902-01D	5X STLC	D8F003117			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	ConFact	Check	Check Table	Fail Action
118	144	3	12	2	Unk	E902-01J	25X STLC	D8F003118			1	☒	unk	—
119	145	3	1	3	Unk	E902-01M	5X STLC	D8F003119			1	☒	unk	—
120	146	3	2	3	Unk	E902-01S	5X STLC	D8F003120			1	☒	unk	—
121	147	3	3	3	QC	CCV12	1Mn	D8F003121			1	☒	CCV	None
122	148	3	4	3	QC	CCB12		D8F003122			1	☒	3XIDL	None
123	113	2	5	5	QC	TXF001SB	TCLP	ID8F003123			1	☒	CCB	None
124	114	2	6	5	Unk	E569-16A	TCLP	ID8F003124			1	☒	unk	—
125	115	2	7	5	Unk	E569-16	TCLP	D8F003125			1	☒	unk	—
126	116	2	8	5	Unk	E569-16J	TCLP	D8F003126			1	☒	unk	—
127	117	2	9	5	Unk	E569-16M	TCLP	ID8F003127			1	☒	unk	—
128	118	2	10	5	Unk	E569-16S	TCLP	ID8F003128			1	☒	unk	—
129	119	2	11	5	Unk	E569-02	TCLP	ID8F003129			1	☒	unk	—
130	120	2	12	5	Unk	E569-03	TCLP	ID8F003130			1	☒	unk	—
131	121	3	1	1	Unk	E569-04	TCLP	ID8F003131			1	☒	unk	—
132	122	3	2	1	Unk	E569-05	TCLP	ID8F003132			1	☒	unk	—
133	123	3	3	1	QC	CCV13	1Mn	ID8F003133			1	☒	CCV	None
134	124	3	4	1	QC	CCB13		ID8F003134			1	☒	3XIDL	None
135	125	3	5	1	Unk	E569-06	TCLP	ID8F003135			1	☒	unk	—
136	126	3	6	1	Unk	E569-07	TCLP	ID8F003136			1	☒	unk	—
137	127	3	7	1	Unk	E569-08	TCLP	ID8F003137			1	☒	unk	—
138	129	3	9	1	Unk	E569-10	TCLP	ID8F003138			1	☒	unk	—
139	130	3	10	1	Unk	E569-11	TCLP	ID8F003139			1	☒	unk	—
140	131	3	11	1	Unk	E569-12	TCLP	ID8F003140			1	☒	unk	—
141	132	3	12	1	Unk	E569-13	TCLP	ID8F003141			1	☒	unk	—
142	133	3	1	2	Unk	E569-14	TCLP	ID8F003142			1	☒	unk	—
143	134	3	2	2	Unk	E569-15	TCLP	ID8F003143			1	☒	unk	—
144	135	3	3	2	QC	CCV14	1Mn	ID8F003144			1	☒	CCV	None
145	136	3	4	2	QC	CCB14		ID8F003145			1	☒	3XIDL	None
146	79	2	7	2	Unk	E548-02A	10X TCLP	ID8F003146			1	☒	unk	—
147	80	2	8	2	Unk	E548-02	10X TCLP	ID8F003147			1	☒	unk	—
148	81	2	9	2	Unk	E548-02J	50X TCLP	D8F003148			1	☒	unk	—
149	137	3	5	2	Unk	E568-01		D8F003149			1	☒	unk	—
150	138	3	6	2	Unk	E568-02		D8F003150			1	☒	unk	—
151	139	3	7	2	Unk	E573-01		D8F003151			1	☒	unk	—
152	82	2	10	2	QC	CCV15	1Mn	ID8F003152			1	☒	CCV	None
153	83	2	11	2	QC	CCB15		ID8F003153			1	☒	3XIDL	None

INDX	LSID	A1	S5	A5	B3	B6	B	C3	C6	D1	C5	LSID
1	Blank	.00017	.00003	-.00002	.00015	-.00002	.00010	-.00066	.00023	-.00007	-.00035	Blank
2	S2				.64742	.8618	.10377	2.8364		.14101	.77787	S2
3	S5		.02547	.09322								S5
4	S8								1.8548			S8
5	S11											S11
6	S17	.21359										S17
7	IOV	4.7365	.51037	.50203	.46293	.49179	.50739	.47847	50.246	.48677	.47384	IOV
8	IOB	.00213	.00129	.00015	.00027	.00001	.00022	.00007	.00803	.00009	.00007	IOB
9	IOSA1	466.75	.00353	.09026	.00029	.00303	.01386	.00283	473.16	.00004	-.09015	IOSA1
10	IOSA51	467.43	1.1124	1.0420	.48457	.49316	.55055	.57409	465.43	.45147	.49711	IOSA51
11	COV1	4.7390	.51186	.50971	.46455	.49928	.55345	.47995	50.604	.48962	.47649	COV1
12	COB1	.01516*	.00099	-.00023	-.00003	-.00002	.00013	.00005	.02819	.00015	-.00001	COB1
13	IPF009W3	.00717	-.00091	.00095	.00005	.00100	-.00017	.00002	.01187	.00017	-.00120	IPF009W3
14	IPE0855B	.00241	-.01076	-.00057	-.00005	.00001	-.00014	.00005	.02818	.00012	.00105	IPE0855B
15	IPF009WL	4.5348	2.6525	.51013	.47173	.50302	.54937	.46525	50.583	.46771	.48860	IPF009WL
16	IPF009WC	4.8416	2.7035	.52528	.46390	.50308	.55129	.48866	51.302	.47736	.46829	IPF009WC
17	IPF009WX	4.7978	2.6777	.52638	.40220	.49724	.55757	.45593	50.944	.47368	.49144	IPF009WX
18	IPF009WY	4.5236	2.6773	.51302	.46701	.50739	.54625	.48483	49.973	.46207	.48426	IPF009WY
19	IPE0855L	4.5553	2.5537	.49655	.46899	.50106	.47922	.48636	51.148	.45526	.49178	IPE0855L
20	IPE0855C	4.4927	2.5356	.49140	.47564	.45078	.49402	.47998	50.439	.46193	.48693	IPE0855C
21	IPE0855X	4.4486	2.4961	.49201	.45933	.47971	.49199	.47661	51.140	.46611	.48487	IPE0855X
22	IPE0855Y	4.4835	2.5602	.5.414	.45833	.47613	.50540	.49097	50.726	.47221	.49487	IPE0855Y
23	COV2	4.7822	.52208	.50921	.47182	.50010	.54199	.49167	50.631	.48844	.47596	COV2
24	COB2	.00133	.01246	.00041	-.00011	.00005	.00031	.00003	.00708	.00033	-.00017	COB2
25	7777777	.00237	.00129	.00009	.00172*	.00006	.00054	.00001	.00176	.00033	-.00005	7777777
26	IPF0075L	4.5169	2.5229	.50122	.47715	.46470	.50303	.46162	51.422	.47549	.49154	IPF0075L
27	IPF0075C	4.4986	2.5587	.50656	.45832	.47844	.50659	.48690	50.968	.47341	.49578	IPF0075C
28	E365-01A	66.341	2.6066	.96709	3.0591	.51273	.65310	.50341	85.657	.62977	.76972	E365-01A
29	E365-01	60.916	.09761	.44020	2.6389	.00152	.05857	.00497	4.8212	.15913	.26769	E365-01
30	E365-010	19.235	.03604	.08847	.53324	.00273	.00740	.00331	1.1011	.03208	.05271	E365-010
31	E365-01M	102.92	1.0035	.43694	2.4954	.44615	.45793	.44076	49.930	.67047	.72815	E365-01M
32	E365-015	101.65	1.0820	.39469	2.1073	.47941	.44403	.12125	48.646	.61891	.71861	E365-015
33	E365-02	91.617	.02745	.37315	.6662	.01152	.03799	.03652	10.941	.13940	.26758	E365-02
34	E365-03	113.09	.01792	.69614	3.0313	.01737	.09186	.01149	3.6176	.19279	.28781	E365-03
35	[illegible]	1.0134	.01654	.01357	.45962	.49530	.44496	.48143	51.777	.49.62	[illegible]	[illegible]
36	[illegible]	.01351	.00018	.00021	.00015	.00002	.00011	.00028	.00044	.00019	-.00001	[illegible]
37	IPF0076	.01195	.01137	.00001	.00003	.00001	-.00018	.00015	.00273	.00002	.00019	IPF0076
38	E365-04	91.671	.02075	.32.59	3.2961	.01712	.06.62	.00163	2.8694	.17377	.19403	E365-04
39	E962-01	99.824	.00619	.07129	.59719	.03169	.17170	.03449	12.895	.15261	.05494	E962-01
40	A1600	497.54	.00097	.03116*	-.01109	.00024	.00018	.00168	.51677	-.00342	.00013	A1600
41	Fe600	-.01645	.01240	.25909	.00024	-.00001	.08122	.01405	.00179	.00196	-.00743	Fe600
42	E331-077	.01392	.00094	.00165	.01958	-.00096	.88757	.01011	77.679	.00004	.58.98	E331-077
43	E331-087	.02479	-.00227	.00296	.00968	.00009	.33804	.00027	100.59	.03648	.00744	E331-087
44	E570-367	1.6565	1.1497	.01171	2.3055	.00003	.03775	.00031	117.97	.79618	.33673	E570-367
45	E570-397	1.9525	.57932	.01333	2.8417	.00056	.03692	.03636	129.60	.94649	.12185	E570-397
46	E570-457	-.8471	3.6992	.04475	1.7106	.00006	.02863	.05562	98.871	.42079	.14707	E570-457
47	COB4	4.7939	.51953	.50501	.47142	.50113	.53890	.46160	51.223	.48969	[illegible]	COB4
48	COB5	.00186	1.246	.00010	.00003	.00000	.00015	.00003	.03975	.00007	-.00001	COB5
49	IPF01358	.00195	-.00159	[illegible]	.00016	.00001	-.00017	.00065	.03996	.00020	-.00006	IPF01358
50	IPF01359	4.5352	2.5617	.51061	.46510	.49544	.50745	.48936	51.679	.47611	.49765	IPF01359
51	IPF01360	4.6768	2.5613	.50910	.46403	.50214	.50853	.49178	52.395	.47657	.49788	IPF01360
52	F016-01A	64.916	3.4368	.55576	1.4762	.51503	.67812	.50945	107.13	1.0042	.58260	F016-01A
53	F016-01	61.247	.04031	.14671	1.0067	.00277	.05769	.01280	119.71	.56486	.28277	F016-01
54	F016-010	11.865	.00860	.02099	.19893	.00045	.00911	.00195	37.721	.11940	.01978	F016-010

55	F016-01M	60.503	2.0381	63934	1.4215	.45117	.52776	.45919	129.43	89423	52293		F016-01M
56	F016-01S	65.429	2.0426	63829	1.4527	.46713	.51967	.46305	135.66	.98675	.52868		F016-01S
57	F014-02	140.47	.00073	.52864	.95675	.00585	.13452	.00502	157.22	.19285	.03465		F014-02
58	E569-09	.04137	.00243	.00164	.01679	.00002	.00084	.00254	.30937	.00106	.00604		E569-09
59	CC95	4.7293	.51209	59679	.46478	.49656	.54501	.48013	50.794	.48952	.47525		CC95
60	CC85	.00036	.00003	.00130	.00024	.00074	.00043	.00013	.01874	.00003	.00001		CC85
61	IPF012WB	.00452	-.00130	.00078	.00016	.00005	.00068	.00016	.02315	.00029	.00012		IPF012WB
62	IPF012WL	4.8376	2.7587	52312	.45523	.48923	.57264	.48607	52.454	.47298	.49390		IPF012WL
63	IPF012WC	5.1022	2.7537	54669	.49403	.52109	.57111	.51536	52.850	.49541	.52169		IPF012WC
64	CC96	4.7299	.51478	49857	.46326	.49448	.53351	.47378	50.037	.46831	.47155		CC96
65	CC86	.00044	.00185	.00002	.00014	-.00091	.00035	.00007	.06784*	.00010	.00003		CC86
66	IPF002WB	.00156	.00014	.00017	.00013	.00084	.00094	.00006	.01755	.00073	-.00001		IPF002WB
67	E341-01A	5.3722	2.8117	.56994	.52019	.49376	.62871	.50169	55.650	.47197	.51128		E341-01A
68	E341-01	.01815	.01421	.00047	.00139	.00302	.05397	.00011	16.742	.00102	.00143		E341-01
69	E341-01J	.00863	.00472	-.00049	.00456	.00104	.01563	.00034	3.4917	.00001	.00325		E341-01J
70	E341-01M	5.3680	2.8421	.55957	.52808	.49603	.62912	.49617	57.069	.4041	.50719		E341-01M
71	E341-01S	5.1596	2.7625	.55645	.49402	.47545	.62028	.45378	58.427	.45803	.49153		E341-01S
72	E569-01	.00631	.00193	.00373	.00662	.00004	.06528	.00202	11.392	.00036	.00043		E569-01
73	F001-01	.00632	.00456	-.00032	.01405	.00007	.14751	.00000	5.6032	.02969	.01272		F001-01
74	CC97	4.7101	.51419	.52239	.46212	.49392	.53754	.47576	49.948	.46235	.46775		CC97
75	CC87	-.00141	.00214	.00028	-.00103	.00007	.00021	.00003	.02259	.00010	-.00006		CC87
76	IPF008WB	.00345	-.00257	.00222	.00089	.00001	.00074	.00012	.02665	.00016	-.00004		IPF008WB
77	IPF008WL	5.0612	2.7164	.54678	.49319	.51306	.56958	.50359	52.636	.49297	.50813		IPF008WL
78	IPF008WC	4.9956	2.6065	.52570	.47078	.49593	.54411	.48784	53.052	.47539	.49236		IPF008WC
79	E349-06A	6.3153	3.0498	.61383	.51342	.46666	5.4359	.48122	491.19	.47919	.50669		E349-06A
80	E349-05	.04829	.01488	.00845	.01653	-.00054	5.9659	.00015	444.91	.00032	.00352		E349-05
81	E349-06J	.01974	.00476	.00227	.01363	.00007	1.1315	.00203	190.40	.00058	.01057		E349-06J
82	E349-06M	6.2775	3.0589	.61673	.51838	.46556	5.4699	.48756	502.27	.47769	.50574		E349-06M
83	E349-06S	6.1117	2.9757	.61381	.49737	.44532	6.2834	.47358	419.15	.42863	.49728		E349-06S
84	E349-02	.09011	.01066	.00049	.12450	.00004	.31485	.00193	223.22	.00043	.00076		E349-02
85	E349-03	.63173	.05411	.01841	.97315	-.00017	9.0579	.00609	158.55	.00469	.00339		E349-03
86	CC98	4.7196	5.1015	.50334	.47556	.48733	.57649	.47919	49.893	.46257	.47268		CC98
87	CC88	-.00017	.00245	.00.11	.00103	.00031	.00246	.00002	.01635	-.00001	.00097		CC88
88	E349-04	.02815	-.0011	.00.93	.02553	.00001	.32445	.00012	234.51	.01375	.00232		E349-04
89	E349-05	.01750	.00007	.04237	.01726	-.00047	6.0661	.00011	194.65	.00143	.00108		E349-05
90	E349-07	.02784	-.00038	.07103	.00307	-.00003	.49131	.00054	310.46	.00073	.00091		E349-07
91	E369-02	.01203	-.00790	.00345	.39.77	.00003	.01138	.00007	62.581	.03.2	.00186		E369-02
92	E369-03	.00549	.00218	.00097	.07277	.00002	.45554	.00013	141.12	.00745	.00139		E369-03
93	E369-04	.00.8	.00710	-.00021	.93975	-.00001	.44309	.00017	135.5.	.00.9	.00291		E369-04
94	IC542	458.12	.00.3	.00017	.00161	.00010	.12677	.00.2	447.47	-.00009	-.00017		IC542
95	IC5402	459.94	.01754	.00541	.49745	.47445	.57293	.50680	449.45	.45.32	.49422		IC5402
96	CC99	4.7487	.51225	.49719	.48513	.48767	.52963	.47894	49.211	.48637	.47019		CC99
97	CC89	.01362*	.00179	.00192	.00007	.00084	.00351	.00007	.02.35	.00016	-.00004		CC89
98	E317-02	.02774	-.00713	.00077	.23713	.00001	.01349	.00003	171.47	.00105	.00109		E317-02
99	E317-03	.01966	.01.75	.02184	.54545	.00005	.05127	.00009	69.102	.07174	.00300		E317-03
100	E317-12	.40255	-.00017	.00278	.50017	.00008	.56049	.00064	130.94	.00316	.00145		E317-12
101	E339-03	.22045	-.00215	.01535	.14247	.00001	.47726	.00013	37.524	.00650	.00597		E339-03
102	E339-07	.01931	.00473	.02189	.56354	-.00003	.10527	-.00005	47.919	.00077	.00174		E339-07
103	E339-09	.00607	-.00274	.02621	.78469	.00003	.09426	-.00004	96.797	.10351	.00262		E339-09
104	CC910	4.7210	.51646	.50060	.47340	.47814	.53256	.47991	48.131	.47974	.47162		CC910
105	CC810	.00036	.00052	.00176	-.00034	-.00001	.00077	.00005	.01007	-.00.1	-.00007		CC810
106	W7E0559	.01539	-.00795	.00175	.02037*	-.00004	.01143	.00002	.01171	.00443	.00015		W7E0559
107	E902-01A	491.59*	10.586	2.4339	.6.861	1.7622	3.1644	1.6135	1069.0*	1.8059	1.5737		E902-01A
108	E902-01	279.28	.04651	.15479	8.5613	.00670	.68571	.11952	542.03	.19254	.03569		E902-01
109	E902-01J	434.27	.07301	.23067	12.759	.00989	1.0700	.18660	628.81	.10389	.02355		E902-01J
110	E902-01M	29.236	.00403	.01719	.92655	.00074	.07737	.01329	69.461	.02353	.00147		E902-01M
111	E902-01N	152.68	.14.25	.88124	6.0876	.51153	1.1762	.70025	481.57	.15616	.51.3		E902-01N

112	E902-015	252.20	5.3521	1.2058	8.4263	.78963	1.6408	.56375	545.82	94398	.59818	E902-015
113	CCW11	4.7045	.51655	.49948	.48784	.46511	.53229	.47847	47.308	.47747	.47223	CCW11
114	CCB11	-.00004	.00029	-.00026	.00012	.00004	.00055	.00002	.01033	.00017	-.00015	CCB11
115	E902-01A	22.613	3.0471	.60412	1.4025	.53663	.68288	.54758	111.21	.51885	.54399	E902-01A
116	E902-01T	26.966	.00612	.71217	.67017	.66171	.07067	.01717	60.523	.02089	.00144	E902-01T
117	E902-01D	26.851	.00313	.01349	.86239	.09075	.06025	.01196	60.266	.02352	.00136	E902-01D
118	E902-01J	4.6851	-.00022	.00397	.16396	.00019	.01297	.00752	11.533	.00403	.00316	E902-01J
119	E902-01M	28.548	.57997	.10046	.97784	.09822	.19053	.11719	72.884	.19141	.10767	E902-01M
120	E902-01S	28.782	.59981	.10164	.98569	.09913	.19194	.11585	72.340	.12130	.10729	E902-01S
121	CCW12	4.6586	.51138	.49717	.47897	.45116	.52700	.47563	45.572	.47338	.46937	CCW12
122	CCB12	.00031	.00027	.00389	.00005	.00031	.00058	.00005	.02142	.00204	-.00006	CCB12
123	TXF00158	.01262	-.00119	.00320	.00174	.00035	.01470	.00310	.02106	.00023	-.00004	TXF00158
124	E569-16A	5.2792	2.7908	.55321	.60095	.48718	.61452	.51190	54.933	.47562	.51337	E569-16A
125	E569-16	.11011	.00648	.00188	.09654	.00037	.05855	.00077	6.2306	.00047	.00030	E569-16
126	E569-16D	.01562	.00168	.00098	.01965	.00005	.01149	.00118	1.7290	.00005	.00013	E569-16D
127	E569-16H	5.2755	2.7459	.56198	.60679	.45114	.62562	.51250	56.346	.48698	.51579	E569-16H
128	E569-16S	5.2194	2.4944	.53265	.59036	.46792	.62305	.50251	55.810	.48658	.49981	E569-16S
129	E569-02	.35333	.01230	.00101	.10349	.00038	.00799	.00049	.03390	.00427	.00177	E569-02
130	E569-03	.25229	.00380	.00035	.10104	.00035	.11855	.00651	6.7056	.00412	.00245	E569-03
131	E569-04	.16092	.00346	.00345	.12156	.00007	.09442	.01632	12.806	.00245	.00158	E569-04
132	E569-05	.08316	-.00035	.00150	.15092	-.00031	.06533	.00161	5.7179	.00127	.00051	E569-05
133	CCW13	4.6904	.51774	.49874	.46895	.46831	.52800	.47622	45.972	.47403	.46851	CCW13
134	CCB13	-.00244	.00076	.00013	.00013	-.00031	.00096	.00305	.02005	.00004	-.00003	CCB13
135	E569-06	.09566	.00080	.00001	.14667	.01007	.07006	.00345	12.518	.00109	.00035	E569-06
136	E569-07	.03305	-.00144	.00029	.11065	-.00004	.10956	.00297	19.936	.00587	.00417	E569-07
137	E569-08	.03528	.00049	.00002	.06713	.00005	.07084	.00156	7.7710	.00367	.00242	E569-08
138	E569-10	.05801	-.00199	.00095	.11617	.00000	.06129	.00003	35.740	.00071	-.00006	E569-10
139	E569-11	.00019	.00013	.01868	.12781	.00000	.06346	.07058	4.6941	.00071	.00779	E569-11
140	E569-12	.15274	-.00026	.00095	.23185	.00002	.12807	.00039	4.3835	.01253	.00116	E569-12
141	E569-13	.38133	-.00175	-.00024	.32147	-.00001	.10541	.01158	4.2855	.00109	.00163	E569-13
142	E569-14	.03625	-.00239	.00318	.10932	.00001	.06682	.00174	7.5752	.00058	.00086	E569-14
143	E569-15	.04305	.00251	.00171	.16830	.00006	.08854	.00198	7.6777	.00083	.00187	E569-15
144	CCW14	4.6994	.51675	.50353	.48531	.46457	.53345	.47459	47.052	.48124	.46846	CCW14
145	CCB14	-.00109	.00003	.00181	.00011	.00007	.00053	.00003	.01809	.00005	.00004	CCB14
146	E548-03A	4.5035	2.6913	.55433	.51475	.48665	2.6941	.51424	17.203	.41051	.51535	E548-03A
147	E548-03I	-.01804	.01001	.00097	.00176	-.00007	2.0397	.00152	.4109	.00013	.00255	E548-03I
148	E548-03D	-.00388	.01777	.00055	.01046	-.00004	.41347	.00147	.00019	.00011	.00030	E548-03D
149	E548-03L	21.747	.01321	.00014	.04914	.00007	.15003	.00[illegible]	63.653	.04547	.07218	E548-03L
150	E548-03S	24.[illegible]	.01374	.01453	.07607	.01017	.01487	.07319	[illegible]	17.203	1.7271	E548-03S
151	E548-04L	[illegible]	[illegible]	.07865	2.4[illegible]	[illegible]	.05807	[illegible]	[illegible]	12.013	1.4771	E548-04L
152	CCW15	4.5879	.51727	.50774	.48339	.45845	.54327	.47977	47.596	.48135	.47492	CCW15
153	CCB15	.00179	-.00136	.00253	.00173	.00007	.00177	.00100	.01780	.00031	-.00014	CCB15
154	LSTC	A1	C5	A6	B6	B4	B	C1	C3	D	D4	LSTC

INDX	LSID	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	LSID
1	Blank	.00069	-.00002	.00001	.00000	.00001	.00004	-.00048	-.00017	.00001	.00016	Blank
2	S2	.27525		.20149		.10365		.15953			.23454	S2
3	S5						.71252			.00374		S5
4	S8				.22123				.77593			S8
5	S11		.05363									S11
6	S17											S17
7	ICV	.47834	4.8595	.46818	50.760	.46510	.48494	.47131	49.150	.49058	.49697	ICV
8	ICB	.00022	.00065	.00022	.00961	.00016	.00008	-.00002	.01007	.00081	.00017	ICB
9	ICSAB	.00015	180.26	.00890	524.46	-.01072	-.00002	.00073	-.02049	.00519	.00028	ICSAB
10	ICSAB1	.51835	174.16	.91340	530.90	.44940	.99015	.91450	78.655	1.0558	1.1119	ICSAB1
11	CCV1	.48277	4.9317	.47165	50.683	.46590	.48482	.47477	48.689	.49971	.49377	CCV1
12	CCB1	.00017	.00501	.00028	.01824	.00082	.00077	.00004	.00755	.00094	-.00005	CCB1
13	IPF09W0	.00009	.00280	-.00025	.11259	-.00014	.00004	.00025	.00090	.00049	.00005	IPF09W0
14	IPE0855B	-.00002	.00147	.00033	.11626	.00014	.00003	.00006	-.01533	.00002	-.00014	IPE0855B
15	IPF09W1	.48541	4.9221	.47542	51.696	.47712	.49016	.47510	48.478	.51035	.50378	IPF09W1
16	IPF09W2	.50230	5.0796	.47871	53.446	.48461	.49327	.48157	49.165	.52134	.50375	IPF09W2
17	IPF09W3	.50111	5.0556	.47495	49.597	.48090	.48736	.47949	48.741	.52510	.50599	IPF09W3
18	IPF09W4	.48514	4.9527	.47404	50.503	.47749	.47682	.47199	47.933	.51464	.50137	IPF09W4
19	IPE0855L	.47201	4.8505	.46973	52.641	.47477	.49556	.47591	48.205	.49568	.48150	IPE0855L
20	IPE0855C	.47259	4.8564	.46484	51.143	.46821	.48743	.47122	47.476	.48174	.47327	IPE0855C
21	IPE0855X	.47165	4.8813	.46106	50.267	.46652	.48272	.46585	47.300	.48280	.47651	IPE0855X
22	IPE0855Y	.46995	4.9683	.46726	49.365	.47591	.49232	.47999	46.004	.49414	.48754	IPE0855Y
23	CCV2	.47695	4.9023	.47240	51.647	.46834	.48937	.47015	48.853	.49721	.49306	CCV2
24	CCB2	-.00004	.00050	-.00013	.01356	-.00002	.00004	.00004	.00172	.00062	-.00019	CCB2
25	ZZZZZZ	-.00009	.00937	.00052	.03161	.00040	.01073	.00029	.03558	.00125	-.00023	ZZZZZZ
26	IPF0375L	.48590	5.0059	.47302	50.557	.47326	.49525	.48153	48.317	.49667	.48836	IPF0375L
27	IPF0375C	.49101	5.0299	.46481	49.452	.47351	.49412	.48079	48.216	.49836	.48682	IPF0375C
28	E365-01A	.70132	266.07	.70674	56.411	9.7441	.62314	.67642	64.245	.53030	.49565	E365-01A
29	E365-01	.18578	267.75	.13736	5.4923	9.5477	.02484	.19095	4.4548	.00170	-.00049	E365-01
30	E365-01D	.13739	62.005	.04754	1.1272	1.9263	.03463	.03196	.9552	.03154	.00023	E365-01D
31	E365-01P	.67331	267.49	.65547	51.347	9.5017	.45979	.64135	48.645	.42285	.44575	E365-01P
32	E365-01S	.64343	3.5.08	.64779	51.565	9.7620	.44935	.64525	48.117	.43377	.43578	E365-01S
33	E365-02	.26548	264.04	.47477	8.5607	9.7559	.03492	.29251	6.9235	.00325	.00045	E365-02
34	E365-03	.17439	447.38	.30130	7.5284	9.6451	.07407	.34162	6.3257	.00162	.00011	E365-03
35	CCV3	.49331	5.0710	.47310	49.344	.47171	.48969	.47712	48.313	.49894	.50541	CCV3
36	CCB3	.00035	.00641	.00019	.00103	.00009	.00003	.00003	.00317	.00062	-.00018	CCB3
37	IPF0375S	.00014	.01533	.00024	-.00116	.00024	.00007	.00010	.00001	.00038	.00019	IPF0375S
38	E365-04	.18057	249.75	.19871	4.0137	6.7033	.02235	.18122	3.7116	.00251	-.00076	E365-04
39	E262-01	.48642	188.51	.16734	44.324	1.3874	.01693	.31649	36.428	-.00014	.00045	E262-01
40	AlSO	.00079	.09549	.00036	.00139	.00043	-.00065	-.00028	.02862	.00443	.00011	AlSO
41	FeSO	.00064	466.09*	.00968	-.05042	.00115	.00241	.00173	.27140	-.00234	.00077	FeSO
42	E331-07T	.00.99	.00997	.00024	99.605	.00340	.13497	.00192	2.0676	.00359	.00022	E331-07T
43	E331-08T	.00117	.02968	.00010	103.31	.13225	.04460	.06112	.69942	.02741	-.00015	E331-08T
44	E570-36T	.02941	1.1791	12.999	.97616	.06099	-.00366	.01237	.13067	.00023	.00124	E570-36T
45	E570-39T	.01047	.69352	9.0771	1.5037	.05697	-.00375	.00992	.11157	.00079	.00038	E570-39T
46	E570-45T	.11259	.37559	17.672	1.3083	.03752	-.00341	.15213	.31080	.00140	.00107	E570-45T
47	CCV4	.47647	4.9501	.47745	51.653	.46928	.49729	.47270	48.645	.49447	.49877	CCV4
48	CCB4	.00014	.00058	.00027	.00171	.00015	.00009	.00027	.00577	.00020	-.00025	CCB4
49	IPF01350	.00.4	-.00224	.00047	.00175	.00142	.00005	.00023	.00976	-.00197	.00013	IPF01350
50	IPF0135L	.49131	5.0221	.47246	50.196	.47602	.49957	.48998	48.672	.50440	.49060	IPF0135L
51	IPF0135C	.48106	4.9729	.47463	52.659	.47946	.49815	.48261	49.035	.49687	.48595	IPF0135C
52	F016-01A	1.6339	167.71	7.1439	103.36	2.7325	.52022	.91159	69.138	.49604	.51107	F016-01A
53	F016-01	1.1128	171.51	1.7929	49.969	2.3546	.01555	.34262	19.692	-.00197	.02115	F016-01
54	F016-01D	.22147	35.524	.34520	9.6350	.47.09	.00794	.00751	1.6531	.00097	-.00.03	F016-01D

55	F016-01M	2.3487	172.70	1.8035	92.256	2.6818	.46008	.76584	62.197	.45527	.45472		F016-01M
56	F016-01S	1.8439	172.95	1.8065	95.258	2.6350	.46599	78847	63.282	.44951	.45684		F016-01S
57	F014-02	.72435	201.21	.07857	90.802	3.6671	03284	14969	22.648	-.00021	-.00025		F014-02
58	E569-09	.02472	08100	.00072	05468	01100	.00049	00317	02102	00116	-.00023		E569-09
59	C095	.48059	4.9144	.47105	50.692	.46496	.48845	.47232	48.923	.49698	.49869		C095
60	C095	-.00002	00310	-.00020	-.00103	-.00016	.00025	-.00006	03734	.00052	-.00012		C095
61	IPF012WB	.00019	00471	-.00011	.00450	.00018	.00002	.00028	.01559	.00022	-.00039		IPF012WB
62	IPF012WL	.49903	5.0562	.47674	51.553	.47602	.50187	.48456	50.579	.51874	.51615		IPF012WL
63	IPF012WC	.52286	5.2749	.50450	52.685	.50644	.50357	.50720	51.037	.54173	.53738		IPF012WC
64	C096	.47040	4.7568	.46579	50.741	.45850	.46518	.46870	48.173	.48683	.48408		C096
65	C056	-.00008	.00069	-.00017	.00017	.00012	.00001	.00007	.02936	.00003	.00027		C056
66	TXF007WB	.00025	.00394	.00120	.00647	.00009	.00021	.00030	.01469	-.00021	.00001		TXF007WB
67	E341-014	3.9692	4.9234	.48280	115.66	.49978	.52140	2.2759	66.579	.56163	.57649		E341-014
68	E341-01	3.4319	-.00842	.00056	55.503	.00512	.01446	1.8323	3.2731	.00262	-.00017		E341-01
69	E341-013	.63621	-.00186	.00041	13.645	.00725	.00280	.36051	.52455	.02000	-.00009		E341-013
70	E341-01M	4.1840	4.7866	.46124	129.27	.50297	.52416	2.4768	57.684	.56379	.57753		E341-01M
71	E341-015	4.1313	4.7749	.46820	124.58	.49216	.50453	2.4212	57.764	.54351	.56551		E341-015
72	E569-01	.34357	.00255	.00006	4.3132	.00421	.00117	.13701	1.0312	.01649	.00014		E569-01
73	F001-01	.00311	-.00068	.00016	18.511	.00015	.00174	.00096	14.137	.00221	.00027		F001-01
74	C097	.46765	4.8274	.46654	53.693	.45432	.48222	.46687	48.552	.48981	.48989		C097
75	C087	-.00008	.00260	.00173	.00348	.00038	.00037	.00015	.06125	.00192	-.00004		C087
76	IPF006WB	.00018	.03124	-.00009	.00662	.00050	.00100	.00062	.03777*	.00109	.00001		IPF006WB
77	IPF006WL	.51561	5.2579	.49616	52.102	.48652	.49955	.49953	51.051	.54498	.53493		IPF006WL
78	IPF006WC	.49386	5.0184	.47938	50.037	.48931	.47394	.48009	48.986	.52956	.51319		IPF006WC
79	E349-064	.00108	5.9766	.46807	813.03	1.3900	.77813	.47905	75.147	.09958	.65702		E349-064
80	E349-05	.00256	1.5387	.00681	774.12	.57637	.26081	.30458	14.625	.00371	-.00024		E349-05
81	E349-063	.00389	.32055	.00091	164.86	.20422	.24917	.00102	2.2342	.00135	.00020		E349-063
82	E349-05M	.57751	6.8819	.47089	967.06	1.4721	.7560	4.9096	75.186	.47779	.66681		E349-05M
83	E349-05S	.57616	5.9894	.46845	891.20	1.3550	.75656	.47221	72.470	.68797	.66975		E349-05S
84	E349-02	.00265	.48501	.00444	106.18	.06466	.00374	.00094	4.6651	.01812	-.00024		E349-02
85	E349-03	.00394	.81537	.00540	414.71	.08767	.13103	.00479	18.975	.00250	-.00026		E349-03
86	C098	.46932	4.8145	.47047	45.934	.42574*	.45900	.47169	53.116	.49751	.49079		C098
87	C089	.00017	.00251	-.00104	.00390	-.00013	.00015	.00011	.03751	.00064	-.00031		C089
88	E349-04	.00177	.01410	.01[illegible]	88.763	.00287	.01140	.00066	2.7703	.01278	.00[illegible]		E349-04
89	E349-05	.00266	-.00761	.00451	881.[illegible]	.04100	.09160	.00166	[illegible]	.04879	.00228		E349-05
90	E349-07	.00169	.10410	.00449	147.15	.16015	.03709	.00091	[illegible]	.00164	.00035		E349-07
91	E059-02	.00125	.00283	.00296	31.227	.00477	.00299	.00179	8.9391	.00168	-.00015		E059-02
92	E059-03	.00196	.00879	.00387	47.320	.02147	.02781	.00291	6.3948	.00081	.00034		E059-03
93	E059-04	.00137	[illegible]	.00961	45.977	.01159	.01371	.01303	8.0336	.00014	.00031		E059-04
94	C092	[illegible]	[illegible]	.00610	491.[illegible]	[illegible]	.00202	.01170	[illegible]	[illegible]	[illegible]		C092
95	C092	.01068	[illegible]	.00724	[illegible]	.01425	1.0023	.32701	82.919	1.9614	[illegible]		C092
96	C072	.45740	4.1919	.47137	49.881	.42734*	.49624	.46874	[illegible]	.46391	.48926		C072
97	C089	.00005	.00786	-.00020	.00701	.00011	.01027	.00003	.02574	.00076	.00008		C089
98	E317-02	.00178	.00187	.00251	24.035	.007[illegible]	.00794	.01161	4.4944	-.00039	-.00026		E317-02
99	E317-03	.00170	1.0504	.00377	25.5[illegible]	.02726	.00402	.01413	11.984	.00032	.00001		E317-03
100	E317-12	.00447	.26317	.00437	31.747	.59650	-.00022	.01641	3.0194	-.00091	.00030		E317-12
101	E339-03	.00148	.13604	.00335	54.1[illegible]	.04541	.01172	.01312	27.515	.00[illegible]	-.00020		E339-03
102	E339-07	.00091	1.5962	.00265	24.487	.22193	.00145	.00361	4.4462	-.00001	.00022		E339-07
103	E339-09	.00171	.00705	.00303	24.422	.02066	.00389	.00229	5.9660	.00024	.00039		E339-09
104	C010	.46542	4.7576	.45.[illegible]	48.097	.47468*	.48938	.47143	51.347	.49929	.48[illegible]		C010
105	C010	.00019	.00042	.00044	.00777	.00010	.00019	.00011	.03633	.00[illegible]	-.00011		C010
106	WTE02553	.01195	.00852	.00069	.01484	.00017	.00104	.00016	.71656*	.07138*	-.00009		WTE02553
107	E902-03A	60.594*	227.70	1.9681	236.09	14.472	2.0366	1.9829	245.64	2.6546	2.1721		E902-03A
108	E902-01	28.149*	136.42	.43209	19.992	7.4486	.93568	.30934	10.587	.08953	.00161		E902-01
109	E902-01D	46.359*	212.91	.61637	59.079	11.262	.85017	.48946	16.472	.10387	.00260		E902-01D
110	E902-01J	3.3944	18.884	.24701	4.6[illegible]	.86564	.05988	.03595	.85990	.00396	.00028		E902-01J
111	E902-01M	70.103	85.6[illegible]	.80932	81.171	5.1549	1.0739	.57563	69.782	.91087	.80874		E902-01M

112	E902-015	27.614*	122.98	1.1524	111.98	7.0311	1.4268	1.1332	124.13	1.2564	1.1136	E902-015
113	CC711	46590	4.7335	.47100	46.415	39327*	.49046	47099	52.659	.49670	.48719	CC711
114	CC811	.00343	.00219	-.00312	.00016	-.00003	.00024	.00205	.07313	.00034	-.00006	CC811
115	E902-01A	3.3267	19.805	55664	56.253	1.1954	61209	54596	62.931	60764	55431	E902-01A
116	E902-01T	2.7407	15.137	.04463	4.2683	.76776	.05365	.03253	.34273	.00735	.00008	E902-01T
117	E902-01C	2.7007	14.961	.04271	4.2838	.77323	.05202	.03200	.32020	.00859	.00007	E902-01C
118	E902-01J	.49102	2.9440	.03770	.81528	.14661	.00949	.00360	.71172	.00165	-.00013	E902-01J
119	E902-014	2.9962	15.936	.14313	14.049	.88241	.15573	.13342	13.409	.12513	.11102	E902-014
120	E902-015	3.0359	16.157	.14291	14.154	.83664	.16049	.13317	13.520	.12479	.11117	E902-015
121	CC412	.46126	5.6989	.46624	45.679	.38591*	.48546	.46749	53.050	.46116	.48288	CC412
122	CC812	.00318	.01201	-.00026	.00356	.00002	.00373	.00024	.00339	.00043	-.00035	CC812
123	TX700156	.00188	-.00027	-.00348	.00570	.00016	.00039	.00136	.17594*	.00134	-.00020	TX700156
124	E569-16A	.54616	4.9589	.49330	49.190	.41056	51309	.50274	54.534	.55704	.52739	E569-16A
125	E569-16	.04067	.07763	.00277	2.6123	.09845	.00207	.00466	1.1850	.00156	-.00019	E569-16
126	E569-163	.00779	.03662	.00038	.64742	.03178	-.01807	.00094	.27393	-.00036	.00018	E569-163
127	E569-164	.55757	5.2689	.49541	48.794	.41321	.50482	.50160	57.370	.56294	.55147	E569-164
128	E569-165	.55251	5.1384	.51223	48.163	.41179	.49156	.49332	52.250	.50864	.55026	E569-165
129	E569-02	.00522	.12837	.00315	.15315	.16723	.00334	.00374	.50138	.00157	.00319	E569-02
130	E569-03	.08768	.01215	.00417	1.3315	.01279	.00312	.02037	1.9589	.00139	.00081	E569-03
131	E569-04	.32044	.28950	.00195	5.4383	.02002	.00302	.19924	2.9024	.83273	.00076	E569-04
132	E569-05	.00251	.21747	.00609	.75997	.00993	.00002	.00304	1.3183	.00177	-.00011	E569-05
133	CC912	.45554	4.6918	.46625	45.691	.36304*	.48377	.46752	52.402	.48803	.46187	CC912
134	CC913	.00011	.00151	-.00343	.00401	.00105	.00020	.00025	.01351	.00380	-.00016	CC813
135	E569-06	.00212	.06428	.00171	1.6238	.00632	.00334	.00165	.92111	.00115	-.00009	E565-06
136	E569-07	.07023	.06329	.00177	1.7823	.02238	.00020	.05245	1.5242	.00183	.00019	E569-07
137	E569-08	1.1717	.16099	.00152	2.1216	.15053	.00034	.13751	1.3491	.60236	-.00003	E569-08
138	E569-10	.00107	.05609	.00004	.59485	.00792	-.00019	.00096	.49859	.00109	-.00006	E569-10
139	E569-11	.00385	87.821	.00166	6.0144	7.6747	-.00396	.01974	5.4735	.00127	.00016	E569-11
140	E569-12	1.3267	.02492	.00299	.38172	.03644	.00248	.01203	.6.019	.00152	-.00011	E569-12
141	E569-13	.04714	.02611	.00380	1.1499	.03995	.00199	.02033	1.7133	.00179	-.00019	E569-13
142	E569-14	.00211	.06759	.00136	.66085	.00319	-.00106	.00353	.46671	.00.94	.00073	E569-14
143	E569-15	.14372	.01356	.00161	6.3237	.01189	.00199	.14265	2.7215	.00132	-.00006	E569-15
144	CC914	.46409	4.5001	.46743	45.135	.37229*	.48376	.46739	54.022	.49150	.48719	CC914
145	CC814	.00017	.00147	.00152	.00207	.00114	.00116	.00017	.00151	.00057	.00014	CC814
146	E548-024	.47799	5.7940	.47156	46.329	3.997	5.1603	.49349	6.[illegible]	.62871	.46411	E548-024
147	E548-021	-.00392	.00589	.00374	.03159	.00039	4.6435	.00274	6.5903	.01225	-.00339	E548-021
148	E548-023	.01107	.00103	.00093	.07512	.00016	3.[illegible]	.00021	.3439	.00347	-.00029	E548-023
149	E568-01	.66619	3.3147	.04611	3.5398	.03539	.00152	.02548	1.1544	.00156	.00369	E568-01
150	E568-02	69.597*	6.4891	.27162	-.2091	.00156	.00715	3.611	12.[illegible]	.00141	.00367	E568-02
151	E568-03	4.[illegible]	[illegible]	24.[illegible]	1.3411	.38416	.03255	.11152	1.6441	.01107	.0204	E568-03
152	CC715	.47797	4.9.10	.46475	44.32*	.37830*	.48674	.47[illegible]	54.986	.49.[illegible]	.49653	CC715
153	CC415	.00177*	.00266	-.00003	-.00103	-.00015	.00017	.00586	.0.698	-0.76	.00019	CC615
CWD	LST	Cu	Fe	Ti	Mg	Mn	Mo	W	L	Sr	Ag	LSID

FORFOX Section 2 of 2

INDX	LSID	ka	Sr	T3	Sn	T4	V	Z*	LSID
1	Blank	.00096	.00008	.00027	.00013	.00003	-.00019	.00198	Blank
2	S2		.77246	.11011	.11772	.18346	.12966		S2
3	S5							.68565	S5
4	S8	2.4243							S8
5	S11								S11
6	S17								S17
7	IC9	46.954	.47198	.46649	.48531	.49752	.48540	.48732	IC9
8	IC8	.00941	.01302	.00019	.00016	.00004	-.00007	.00051	IC8
9	ICSA1	.00952	.01705	.00463	.00213	-.00322	.00054	.00474	ICSA1
10	ICSA31	78.034	.46813	.89494	.84816	.93151	.47753	.56535	ICSA31
11	CCv1	49.379	.47643	.45951	.48921	.49365	.49557	.50236	CCv1
12	CC81	.00324	.00903	.00013	.00341	.00018	.00031	.00113	CC81
13	IP0099w5	.01049	-.00013	.00063	-.00009	.00025	.00012	.00045	IP0099w5
14	IP08555	-.01565	.00004	.00041	.00011	-.00005	.00001	-.00094	IP08555
15	IP009w1	48.938	.46741	.47234	.48335	.51390	.48955	.50111	IP009w1
16	IP009w0	49.637	.47325	.47755	.48711	.50770	.50072	.51744	IP009w0
17	IP009w9	49.151	.46953	.47437	.47590	.50038	.49557	.51065	IP009w9
18	IP009w7	47.991	.45869	.46964	.47138	.50537	.48599	.51349	IP009w7
19	IP08551	48.509	.45627	.45894	.49613	.50962	.48535	.50844	IP08551
20	IP08550	47.651	.45146	.45478	.48951	.49601	.48328	.50294	IP08550
21	IP08557	47.675	.44640	.45042	.48848	.48719	.48204	.50050	IP08557
22	IP08556	48.477	.45524	.45099	.48561	.48603	.49390	.50745	IP08556
23	CCv2	49.571	.47545	.48924	.49136	.50155	.49153	.49122	CCv2
24	CC82	.01179	.00307	.00038	.00037	.00023	.00017	-.00093	CC82
25	2222222	.00552	.00022	-.00013	.01452*	.00004	.00022	.00619*	2222222
26	IP0C75L	46.284	.46043	.45278	.45956	.49374	.49427	.51305	IP0C75L
27	IP0C75C	49.618	.46875	.46543	.49558	.48697	.49399	.50936	IP0C75C
28	E365-01A	49.774	.85436	.60114	.46854	.96015	.90320	1.5381	E365-01A
29	E365-01	.17652	.06944	.03456	.00751	.47566	.41909	1.0496	E365-01
30	E365-01J	.02005	.01323	.00778	.00153	.29479	.18191	.00921	E365-01J
31	E365-01M	44.189	.44423	.44063	.39347	.54967	.96030	1.5635	E365-01M
32	E365-01S	43.145	.45103	.45152	.39411	.66667	.97217	1.6441	E365-01S
33	E365-02	.13134	.22026	.04151	.01855	.52450	.14439	1.9100	E365-02
34	E365-03	.17973	.77135	.04445	2.9[illegible]	.73979	.52758	1.5276	E365-03
35	C143	49.396	48.154	.47207	.45665	.45035	.43994	.49669	C143
36	C152	-.00182	.00104	.00129	.01024	.07759	[illegible]	[illegible]	C152
37	IP0C759	.01461	.01.03	.00113	-.01029	.01.[illegible]	.00[illegible]	.01[illegible]	IP0C759
38	E362-04	.10201	.08199	.03470	.07147	.16[illegible]	.34131	.65722	E362-04
39	E362-01	55.806	1.4702	.01296	.00127	-.1202	.34943	4.6.03	E362-01
40	A152	.10277	.10003	.00248	.00260	.01013	.10022	.00066	A152
41	Fe53	.02528	.01029	.03236	.00530	.00014	.00351	.00135	Fe53
42	E331-01T	395.03	1.0024	.00255	-.00730	.00103	.01741	.00820	E331-01T
43	E331-06T	384.41	1.0653	.00100	-.00244	.00160	.00413	.00168	E331-06T
44	E570-36T	.50810	.36447	-.00095	.01003	1.0518	.00249	34.398	E570-36T
45	E570-39T	.45138	.13949	-.00182	.00725	.89571	.70912	21.796	E570-39T
46	E570-45T	.83599	.05084	-.00146	.00122	.68013	.00917	31.035	E570-45T
47	CC84	49.601	.47378	.45974	.48815	.51493	.49202	.49209	CC84
48	CC84	.00110	.00003	.00017	.00343	.01037	-.00017	-.00001	CC84
49	IP01356	.01039	.01003	.00138	.00112	.00903	.00011	-.00015	IP01356
50	IP01359	49.263	.45724	.46405	.45595	.49155	.50703	.51399	IP01359
51	IP01357	49.468	.45729	.46364	.49527	.50510	.49526	.52468	IP01357
52	F016-01A	54.062	.91071	.40393	.54730	6.2127	1.0371	3.3677	F016-01A
53	F016-01	3.8946	.45216	.51646	.16177	6.7753	.56126	2.5214	F016-01
54	F016-01J	.79982	.19127	.00590	.01270	1.1376	.11240	.52250	F016-01J

55	F016-01M	45.626	.63074	.43563	.59457	5.7612	.59513	3.3055	F016-01M
56	F016-01S	49.199	.55794	.43951	.53867	6.2322	.98564	3.1793	F016-01S
57	F014-02	49.205	1.4597	.02107	.02292	10.669	.42236	.55075	F014-02
58	E569-09	.12122	.00161	-.00078	.01627	.01184	.00016	.04264	E569-09
59	CC45	49.597	.47546	.46965	.45199	.49909	.49005	.45695	CC45
60	CC85	.01151	.00059	.00099	-.00010	.00095	.00004	.00000	CC85
61	IPFC12WB	-.00655	.00018	.00077	-.00140	.00054	.00021	.00244	IPFC12WB
62	IPFC12WL	51.169	.48749	.47358	.49935	.52317	.49902	.50544	IPFC12WL
63	IPFC12WC	51.602	.48774	.50647	.50498	.52951	.52354	.52247	IPFC12WC
64	CC95	48.946	.46774	.46742	.45842	.49635	.48641	.49907	CC95
65	CC85	.05505	.00002	.00264	.00042	.00057	-.00008	.00539	CC85
66	TXFC02WB	-.00352	.00003	.00188	.00010	.00028	.00010	.00097	TXFC02WB
67	E341-01A	757.60*	.48918	.46367	.48739	.50708	.50650	.53115	E341-01A
68	E341-01	717.70*	.01775	-.00055	.00273	.00048	.00127	.01172	E341-01
69	E341-01C	200.64	.00359	.00013	.00053	.00015	.00016	.00232	E341-01C
70	E341-01M	791.49*	.48907	.45345	.49274	.52289	.51172	.50248	E341-01M
71	E341-01S	791.06*	.47757	.44101	.47615	.49639	.49235	.51846	E341-01S
72	E569-01	17.541	.14190	-.00097*	.00642	.00157	.00006	.07831	E569-01
73	F001-01	877.00*	.13400	.00087	.00007	.00020	-.00007	.00421	F001-01
74	CC97	48.727	.46758	.46285	.48961	.49715	.48635	.49107	CC97
75	CC87	.05915*	.00004	-.00012	-.00011	.00365	-.00001	.00172	CC87
76	IPFC05WB	50.284*	.00008	.00151	.00085	-.00001	.00004	.00371	IPFC05WB
77	IPFC08WL	51.210	.47596	.49912	.49265	.51190	.51402	.52209	IPFC08WL
78	IPFC08WC	49.010	.45845	.48312	.47556	.49788	.50041	.50486	IPFC08WC
79	E349-06A	1166.2*	6.2395	.44064	.47957	.50655	.49184	.50712	E349-06A
80	E349-06	1045.3*	6.9552	-.00420	-.00222	.00394	.00250	.01659	E349-06
81	E349-06J	552.32	1.1010	-.00076	-.00025	.00222	-.00001	.00231	E349-06J
82	E349-06M	1095.9*	6.0384	.53950	.49369	.51512	.50056	.52131	E349-06M
83	E349-06S	1135.6*	6.0952	.45017	.46365	.46420	.49064	.50657	E349-06S
84	E349-07	367.56	1.9366	-.00139	-.00016	.00485	-.00011	.00721	E349-07
85	E349-08	930.99*	3.7412	-.00185	-.00052	.00430	.00434	.01955	E349-08
86	CC98	49.872	.47488	.47167	.49752	.49864	.49958	.48939	CC98
87	CC95	.56609*	.00016	.00057	-.00019	.00026	-.00101	-.00120	CC89
88	E349-04	156.26	1.9723	-.00010	-.00091	.00799	.00037	.01694	E349-04
89	E349-05	1043.8*	2.5227	.00491	-.00112	.01372	.01791	.00961	E349-05
90	E349-07	261.72	2.4398	-.00106	-.00008	.01281	.00326	.01299	E349-07
91	E349-02	28.476	.07489	.00049	-.00016	.00075	.00032	.00622	E349-02
92	E349-03	43.649	.07727	-.00065	-.00001	.00041	-.00069	.00375	E349-03
93	E349-04	41.122	.06599	.00011	.00174	.00169	.00001	.00997	E349-04
94	IPSA2	.61407	.00998	.00194	.00212	.00036	.00035	.00117	IPSA2
95	IDSA82	51.014	.48721	.51576	.55178	.46311	.45819	.50910	IDSA82
96	CC99	50.642	.47665	.46136	.48861	.50442	.49017	.49143	CC99
97	CC89	.37676*	.00002	.00062	.00016	.00363	-.00011	.00100	CC89
98	E317-02	54.016	.23910	-.00004	-.00091	.00391	-.00003	.06122	E317-02
99	E317-03	56.479	.25479	.00104	.00059	.00179	.00370	.02033	E317-03
100	E317-12	11.312	.06535	-.00024	-.00146	.00624	.00166	.01477	E317-12
101	E339-03	938.29	.45421	.00085	-.00051	.00577	.00119	.02278	E339-03
102	E339-07	70.159	.00233	.00135	.00058	.00071	.00071	.00751	E339-07
103	E339-09	70.583	.00652	-.00144	.00185	.00369	.00116	.00033	E339-09
104	CC910	50.919	.47643	.47068	.50126	.49462	.48453	.49140	CC910
105	CC810	.31958*	.00003	.00036	-.00070	.00039	.00019	.00119	CC810
106	WTEC0558	1063.2*	.00096	-.01542*	.00976	.00015	.00029	.01529*	WTEC0558
107	E902-01A	3851.6*	17.858	1.0537	1.1255	1.4410	2.9395	35.662	E902-01A
108	E902-01	2150.6*	5.1517	-.02541*	.02168	.04975	.70667	24.212	E902-01
109	E902-01C	3171.9*	7.8573	-.04563*	.04709	.07708	1.1296	37.918*	E902-01C
110	E902-01J	549.46	.5847	-.00153	.00744	.03833	.05157	2.8632	E902-01J
111	E902-01M	1375.9*	4.0351	.52719	.14157	.71957	1.0848	16.614	E902-01M

112	E902-01S	2784.4*	5.4527	.76691	.15811	.15971	1.4983	21.943		E902-01S
113	CC911	51.328	.47729	.47381	.50672	.49071	.49573	.49549		CC911
114	CC811	.76602*	.00039	.00745	.00014	.00034	-.00104	-.00099		CC811
115	E902-01A	538.61	1.3451	.49935	.56157	.56168	.51347	3.1402		E902-01A
116	E902-011	600.84	.57922	-.00163	.01557	.01513	.07351	7.6171		E902-11
117	E902-01D	491.15	.52177	.00056	.00479	.00502	.07327	2.9010		E902-01D
118	E902-01J	108.28	.09827	.66080	.00101	.00300	.01364	.48345		E902-01J
119	E902-01M	516.67	.54656	.09536	.02498	.02149	.18339	2.7739		E902-01M
120	E902-01S	514.76	.65130	.09525	.02902	.02380	.18369	2.7537		E902-01S
121	CC912	51.558	.47622	.47065	.50062	.48233	.49179	.49558		CC912
122	CC812	.49776*	-.00001	.00068	-.00014	.00044	.00001	.00070		CC812
123	TXFC0138	340.14*	.00143	-.00019	.00026	-.00004	.00014	.00023		TXFC0138
124	E569-16A	364.43	.51095	.46732	.51043	.51300	.51329	.78971		E569-16A
125	E569-16	230.52	.23.12	-.00035	.00188	.00955	.00012	.18499		E569-16
126	E569-16J	74.156	.00630	.00034	.00044	.00303	-.00005	.03634		E569-16J
127	E569-16M	387.90	.51629	.48222	.49870	.50792	.52226	.72879		E569-16M
128	E569-16S	382.56	.51069	.51063	.49087	.49318	.51418	.72724		E569-16S
129	E569-02	326.31	.04919	.00074	.00074	.00389	.00013	.13946		E569-02
130	E569-03	349.88	.04109	-.00035	.00479	.00318	.00028	.32724		E569-03
131	E569-04	344.23	.04660	.00042	.00090	.00346	.00028	.43657		E569-04
132	E569-05	333.54	.09259	-.00011	.00027	.00109	.00016	.90191		E569-05
133	CC913	52.041	.47948	.46755	.49897	.48655	.48662	.49027		CC913
134	CC813	.45614*	.00035	.00075	.00008	.00060	.00008	.00049		CC813
135	E569-06	333.14	.06809	-.00017	.00286	.00212	.00031	.43948		E569-06
136	E569-07	345.04	.08025	.00095	.00101	.00042	.00018	.26715		E569-07
137	E569-08	361.95	.05553	-.00058	.00056	.00335	.00010	1.6890		E569-08
138	E569-10	300.83	.06067	-.00047	.00132	.00053	-.00015	1.5184		E569-10
139	E569-11	367.79	.38229	.01025	.00199	-.00015	.00052	.27143		E569-11
140	E569-12	349.74	.03379	-.00067	.00199	.00134	.00026	1.1066		E569-12
141	E569-13	351.35	.02136	-.00006	.00302	.00005	-.00005	.47196		E569-13
142	E569-14	331.79	.10746	.00025	.00350	.00021	-.00007	.20325		E569-14
143	E569-15	373.39	.16914	-.00009	.00255	-.00087	.00004	1.1242		E569-15
144	CC914	52.581	.48240	.46696	.49625	.48117	.48975	.49207		CC914
145	CC814	.47822*	.00002	.00069	.00021	.00061	.00012	.00040		CC814
146	E543-024	10.403	.47711	.46079	.51752	.19563	.51326	.53619		E543-024
147	E543-021	18.569	.00135	-.00119*	.01011	.00028	.01029	.00787		E543-021
148	E546-121	4.0528	.00111	.00382	.00256	-.01017	.00171	.00282		E546-121
149	E568-21	9.8430	.16359	-.00129	.04184	1.7745	.10641	.01657		E568-21
150	E568-02	17.021	.37599	.00121	.18754	.68418	[illegible]	[illegible]*		E568-02
151	E573-01	3.0[illegible]	.15224	[illegible]	.1659	[illegible]	.01358	[illegible]		E573-01
152	CC415	52.481	.48081	.47145	.49646	.47781	.49544	.49451		CC415
153	CC515	.90794*	.00000	.00106	-.00002	.00035	-.00006	-.00057		CC515
1604	.SID	Ma	Sr	Ti	Sr	Ti	Z	Sr		.SID

EMAX LABORATORIES, INC.

DIGESTION LOG FOR METALS

SOP ☐ EMAX-3005 Rev. No. 4 ☐ EMAX-3010 Rev. No. 4 ☑ EMAX-3050 Rev. No. 3 ☐ EMAX-CLP-TAL ☐ Book # EIP-087

Matrix: SOIL Start Date: 6-03-10 Time: 10:30 Temp: 90 °C Ending Date: 6-3-10 Time: 14:30 Temp: 90 °C

Sample Prep ID	Lab Sample ID	Matrix Description: Color	Texture/Clots	Artifacts	Turbidity (<1 NTU)	Sample Amount (g/ml)	pH	Extract Volume (ml)	Digestate Description: Color	Clarity
01	TPF013-SB					—	N/A	100		
02	-SL					—		100		
03	-SC					—		100		
04	F016-01					1.001		100		
05	-01M					1.000		100		
06	-01S					1.001		100		
07	F014-02					1.002		100		
08	E568-01				0.583	~~1.003~~		100		
09	-02				0.381	~~1.004~~		100		
10	E569-09					1.002		100		
11	~~E563-01~~ E573-01			0.501		~~1.003~~		100		
12	E316-01					1.001		100		
13										
14										
15										
16										
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6-3-10 MC

BATCH: TPF013-S

Standards	ID	Amount Added (ml)
LCS-1	SMIA-11-141	0.5
LCS-2	SMIA-11-142	0.5
LCS-3	SMIA-11-143	1.0
MS		
Reagent	**Lot # ID**	**Amount Added (ml)**
HNO3	SWIA-09-183	10.0
HCl	SWIA-09-182	10.0
H2O2	SWIA-04-092	10.0
HNO3 (1:1)	SMSB-02-120	10.0
Digestate Location	ICP	
Extract Location		

Legend:

Texture	Cs = Coarse	Md = Medium	Fn = Fine
Clarity	Cr = Clear	Cy = Cloudy	Td = Turbid
Artifacts	Rx = rocks	Sl = Shale	Vg = Vegetation
Color	Bu = blue	Bk = Black	Br = Brown
	Gn = Green	Og = Orange	Rd = Red
	Ye = Yellow	Cl = Colorless	

Comments: Samples for Methods 200.7 or 200.8 Analyses

If turbidity ≤ 1 NTU no digestion is required unless otherwise required by the project.

Prepared By: MC Standard Added By: MC

Witnessed By: TH Extracts Rcvd. By: TH 6/3/10

Checked By: TH

Date Disposed: Disposed by:

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10F014

METHOD 7471A
MERCURY BY COLD VAPOR

One(1) soil sample was received on 06/02/10 for Mercury analysis, Method 7471A in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HGF006SL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Serial dilution was analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
MERCURY BY COLD VAPOR

Client : INSIGHT ERC, INC.
Project : NAS SEAL BEACH, IR SITE 30.

SDG NO : IDF014
Instrument ID : 7047

SOIL

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data File	Calibration Data File	Prep Batch	Notes
MBLCIS	HGF00688	1	NA	06/04/1018:31	06/04/1016:30	M47F005010	M47F005013	HGF0065	Method Blank
LCSIS	HGF00689	1	NA	06/04/1018:33	06/04/1016:30	M47F005011	M47F005013	HGF0065	Lab Control Sample (LCS)
LCDIS	HGF00690	1	NA	06/04/1018:35	06/04/1016:30	M47F005012	M47F005013	HGF0065	LCS Duplicate
PDI1-SSC1-SC310	F016-01	2	5.3	06/04/1018:26	06/04/1016:30	M47F005036	M47F005032	HGF0065	Field Sample
PDI1-SSC1-SC310DL	F016-01L	10	9.0	06/04/1018:27	06/04/1016:30	M47F005037	M47F005032	HGF0065	Diluted Sample
B-1-2-3	F014-02	1	23.8	06/04/1018:43	06/04/1016:30	M47F005076	M47F005008	HGF0065	Field Sample

-DL - Dilution
% Moist - Percent Moisture

METHOD 7471A
MERCURY BY COLD VAPOR

Client: INSIGHT ENG. INC.
Project: NWS SEAL BEACH, IR SITE 20.
Batch No.: 109024

Matrix: SOIL
Instrument ID: 7047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	DIF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MB_K05	HGF0059B	ND	1	NA	0.100	0.0036	06/04/1018:31	06/04/1016:30	M47F005010	M47F005008	HGF0065	NA	06/04/10
LCS1S	HGF0059L	0.745	1	NA	0.100	0.0036	06/04/1018:33	06/04/1016:30	M47F005011	M47F005009	HGF0065	NA	06/04/10
LCD1S	HGF0059C	0.740	1	NA	0.100	0.0036	06/04/1018:36	06/04/1016:30	M47F005012	M47F005008	HGF0065	NA	06/04/10
B-1-2-3	7024-02	ND	1	23.8	0.101	0.0433	06/04/1018:43	06/04/1016:30	M47F005016	M47F005009	HGF0065	06/02/10	06/02/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ESC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
SDG NO: 10F014
METHOD: Method 7471A

MATRIX:	SOIL			% MOISTURE:	NA
DILTN FACTOR:	1	1	1		
SAMPLE ID:	MSLCS				
CONTROL NO:	HGF0065B	HGF0065L	HGF0065C		
LAB FILE ID:	M47F025010	M47F025011	M47F025012		
DATTME EXTRACTED:	06/04/1016:30	06/04/1016:30	06/04/1016:30	DATE COLLECTED:	NA
DATTME ANALYZED:	06/04/1018:31	06/04/1018:33	06/04/1018:35	DATE RECEIVED:	06/04/10
PREP BATCH:	HGF0065	HGF0065	HGF0065		
CA TB REF:	M47F005008	M47F005018	M47F005009		

ACCESSION:

PARAMETER	BLANK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	0.833	0.745	89	0.833	0.741	89	1	80-120	20

ENAS QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT ENT. INC.
PROJECT: NWS SEAL BEACH, FR SITE 70
BATCH NO. 10F01A
METHOD Method 7471A

MATRIX SOIL % MOISTURE: 9.0
DILUTION FACTOR: 2 10
SAMPLE ID. FD15-SS01-060310 FD15-SS01-060310L
ENAS SAMP ID: FD15-01 FD15-01L
LAB FILE ID: M47F005036 M47F005037
DATE EXTRACTED: 06/04/10 16:30 06/04/10 16:30 DATE COLLECTED: 06/03/10
DATE ANALYZED: 06/04/10 19:25 06/04/10 19:27 DATE RECEIVED: 06/03/10
PREP. BATCH: HGF0085 HGF0085
CALIB. REF M47F005032 M47F005032

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SERIAL DIL RSLT (mg/kg)	DIF RSLT %	QC LIMIT %
Mercury	1.00	1.05	1	10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
MERCURY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 6/4/10 Start Time: 18:05

End Date: 6/4/10 End Time: 19:31

Book #: A47-71

Instrument No.: 47

Analytical Sequence/Batch: M47F005

Method File: Hg

Comments:

QC OK

NT 6/4/10

F016-01 was ~~over ranged~~, diluted 2X. 5mL → 10mL = 2X

SOP #	Rev. #
☐ EMAX-7470	4
☑ EMAX-7471	4
☐ EMAX-245.1	2
☐ EMAX-	

STANDARDS ID	
S1	BLANK
S2	SM3B-09-263
S3	
S4	
S5	
S6	
CCV	
ICV	SM3B-09-264
LCS	
Analytical Spike	SM3B-09-219

Analyzed By: NT

Date: 6/4/10

"M47F005"

EMAXtitle	EMAXtsid	conc	Raw_resp	rsd/rf	adatetime	DF
M47F005000	STD1REP1	0	11844		06/04/1018:05	1
M47F005001	STD2REP1	2	37465		06/04/1018:07	1
M47F005002	STD3REP1	1	152150		06/04/1018:09	1
M47F005003	STD4REP1	2	290674		06/04/1018:11	1
M47F005004	STD5REP1	5	728879		06/04/1018:13	1
M47F005005	STD6REP1	10	1385997		06/04/1018:15	1
M47F005006	ICV	1.97	28/287	0	06/04/1018:22	1
M47F005007	ICB	.09	2791	0	06/04/1018:24	1
M47F005008	CCV1	5.04	711153	0	06/04/1018:26	1
M47F005009	CCB1	-.09	2847	0	06/04/1018:28	1
M47F005010	HGF00698	.115	568	0	06/04/1018:31	1
M47F005011	HGF0065_	4.47	633677	0	06/04/1018:33	1
M47F005012	HGF00650	4.44	628665	0	06/04/1018:35	1
M47F005013	F016-01A	11.5	1685938	0	06/04/1018:37	1
M47F005014	F016-01	9.91	1385255	0	06/04/1018:39	1
M47F005015	F016-01D	2.06	300039	0	06/04/1018:41	1
M47F005016	F014-02	-.065	3573	0	06/04/1018:43	1
M47F005017	E361-01	.731	116246	0	06/04/1018:45	1
M47F005018	E361-02	7.2	319536	0	06/04/1018:48	1
M47F005019	E361-03	.082	26614	0	06/04/1018:50	1
M47F005020	CCV2	4.93	696700	0	06/04/1018:52	1
M47F005021	CCB2	.127	-2303	0	06/04/1018:54	1
M47F005022	E361-04	1.39	207825	0	06/04/1018:56	1
M47F005023	E361-04M	6.33	889530	0	06/04/1018:58	1
M47F005024	E361-04S	6.53	917625	0	06/04/1019:01	1
M47F005025	E361-05	-.014	13408	0	06/04/1019:03	1
M47F005026	E361-06	2.26	327395	0	06/04/1019:05	1
M47F005027	E361-07	1.4	209058	0	06/04/1019:07	1
M47F005028	E361-08	.575	94681	0	06/04/1019:09	1
M47F005029	E361-09	1.92	280928	0	06/04/1019:11	1
M47F005030	E361-10	.086	27097	0	06/04/1019:13	1
M47F005031	E361-11	.03	19365	0	06/04/1019:15	1
M47F005032	CCV3	4.83	687752	0	06/04/1019:17	1
M47F005033	CCB3	-.116	-1071	0	06/04/1019:19	1
M47F005034	E361-12	.034	19932	0	06/04/1019:21	1
M47F005035	E361-13	.031	19592	0	06/04/1019:23	1
M47F005036	F016-01	5.2	733265	0	06/04/1019:25	2
M47F005037	F016-01D	1.03	156998	0	06/04/1019:27	10
M47F005038	CCV4	4.88	689124	0	06/04/1019:29	1
M47F005039	CCB4	-.114	521	0	06/04/1019:31	1
**********	**********	**********	**********	**********	**********	***
EMAXtitle	EMAXtsid	Xint	Yint	rrf	adatetime	DF
M47F005000	BLANK	1120515	154878.78	99976.3	06/04/1019:31	1

RunProt: HGCOM

RunFold: M47F005 Seq: 6 Batch:

Prut: R/T On Pump: On

Rev: 4.2 10:20:58 04 Jun 2010 Xmit: Off Gas: 6.35 LPM

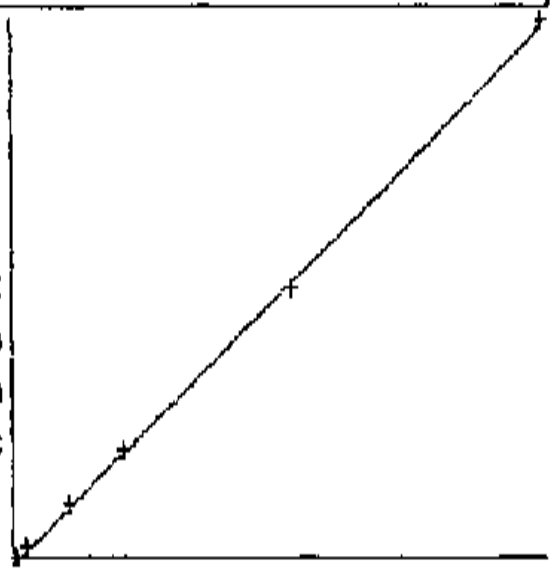
State: Idle User: MT/JC A/S: On

CALIBRATION: Line proto: HGCOM

	Hg Conc.	Calc.	Dev.	Accepted ->linear
S1	.000	-.025	-.025	Quadratic
S2	.200	.161	-.039	Mtdlinear
S3	1.00	.990	-.010	
S4	2.00	1.99	-.007	Accept
S5	5.00	5.16	.163	
S6	10.0	9.92	-.082	

A .0000000 r .999761

B 7.23561e-6 C -1.10550e-1



	Mean		
S1	11844	0 SD	11844
S2	37465	0 %RSD	37465
S3	152150	0 %RSD	152150
S4	290674	0 %RSD	290674
S5	728079	0 %RSD	728079
S6	1385997	0 %RSD	1385997

New cal coefficients stored

EMAX LABORATORIES, INC.

DIGESTION LOG FOR MERCURY

SOP ☐ EMAX-7470 Rev. No.4 ☑ EMAX-7471 Rev. No.5 ☐ EMAX-CLP-245.5 ☐ EMAX-CLP-245.1 ☐ EMAX EPA 245.1 ☐

Matrix: Soil Start Date: 6/4/10 Time: 16:30 Ending Date: 6/4/10 Time: 17:30 Book # E47-078

BATCH: HGF0063

Sample Prep ID	Lab Sample ID	Matrix Description: Color	Matrix Description: Texture / Cloth	Matrix Description: Artifacts	Sample Amount (g / ml)	Dry Weight	pH	Extract Volume (ml)	Matrix Description: Color	Matrix Description: Clarity
01	S-0	Cr	Cr	N/A	0	N/A	N/A	100	Cr	Cr
02	0.2				0.2					
03	1				1					
04	2				2					
05	5				5					
06	10				10					
07	ICV				2					
08	ICB				0					
09	CCV				5					
10	CCB				0					
11	HGF0063B				0.600g					
12	SL				0.600					
13	SC				0.600					
14	F016-01	Bn	Fn		0.602					
15	F014-02				0.602					
16	E361-01				0.601					
17	02				0.602					
18	03				0.601					
19	04				0.601					
20	04M				0.602					
21	04S				0.601					
22	05				0.601					
23	06				0.603					
24	07				0.602					
25	08				0.601					
26	09				0.601					
27	10				0.602					
28	11				0.603					

Standards	ID	Conc. (µg/L)	Amount Added (ml)
ICAL	SM38-09-263	100	0.2, 1, 2, 5, 10
CCV			5
ICV	SM38-09-264		2
LCS/MS			5
Reagent	Lot # / ID		
HNO_3 / aqua	SW1A-04-183		
HCl / regia	SW1A-04-101		
H_2SO_4	N/A		
$KMnO_4$	SM5B-02-118		
$K_2S_2O_8$	N/A		
$NH_2OH.HCl$	SM5B-02-113		
$SnCl_2$	111		

Temp of Digestion Bath: 95 °C

Legend

Color			
Bu = Blue	Cs = Coarse	Cr = Clear	Rk = rocks
Bk = black	Md = Medium	Cy = Cloudy	Sl = Shale
Br = Brown	Fn = Fine	Td = Turbid	Vg=Vegetation
Gn = Green			
Og = Orange			
Rd = Red			
Yw = Yellow			

Comments:

Prepared By: NT

Standard Added By: NT Witnessed By: MC

Checked By:

Disposed By: Date Disposed:

EMAX LABORATORIES, INC.

DIGESTION LOG FOR MERCURY

SOP ☐ EMAX-7470 Rev. No.4 ☑ EMAX-7471 Rev. No.5 ☐ EMAX-CLP-245.5 ☐ EMAX-CLP-245.1 ☐ EMAX EPA 245.1 ☐

Matrix: Soil Start Date: 6/4/10 Time: 16:30 Ending Date: 6/4/10 Time: 17:30 Book # E47-078

BATCH: HG100605

Sample Prep ID	Lab Sample ID	Matrix Description: Color	Matrix Description: Texture/Grain	Matrix Description: Aether	Sample Amount (g / ml)	Dry Weight	pH	Extract Volume (ml)	Matrix Description: Odor	Matrix Description: Clarity
01	E361-12	Bn	Fn	N/A	0.602	N/A	N/A	100	Cr	Cr
02	13	↓	↓	↓	0.601	↓	↓	↓	↓	↓
03			NT	6/4/10						
04										
05										
06										
07										
08										
09										
10										
11							NT			
12							6/4/10			
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										

Standards	ID	Conc. (µg/L)	Amount Added (ml)
ICAL			
CCV			
ICV			
LCS/MS			
Reagent		Lot# / ID	
HNO_3			
HCl			
H_2SO_4			
$KMnO_4$			
$K_2S_2O_8$			
$NH_2OH.HCl$			
$SnCl_2$	SAME AS PAGE 44		

Temp of Digestion Bath: °C

Legend

Color			
Bu = blue	Co = Coarse	Cr = Clear	Sh = rocks
Bk = black	Md = Medium	Cy = Cloudy	Sl = Slate
Br = Brown	Fn = Fine	Td = Turbid	Vg=Vegetation
Gn = Green			
Og = Orange			
Rd = Red			
Yw = Yellow			

Comments:

Prepared By: NT

Standard Added By: NT Witnessed By: MC

Checked By:

Disposed By: Date Disposed

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CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10G020**

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GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4047
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	METHOD 300.0 (M) METHOD SM5310B	8000 – 8041 8042 – 8055
OTHERS	**	9000 –

** - Not Requested

EMAX LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 07-19-2010
EMAX Batch No.: 10G020

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 07/01/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PNW04A-P12	G020-01	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PNW04B-P12	G020-02	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PNW05A-P12	G020-03	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PNW05B-P12	G020-04	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-FSB10B-P12	G020-05	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
				TOTAL ORGANIC CARBON
IW-70-FSB118-P12	G020-06	06/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PMW09-P12	G020-07	07/01/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SHH113-P12	G020-08	07/01/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PMW10-P12	G020-09	07/01/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
TB-070110	G020-10	07/01/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.: 10 G020
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEC INC
PROJECT: SOAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (714) 678-6700 FAX: (714) 678-6711 EMAIL: NWEINBERGER@IGEC.CA.M
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEC INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: K. MYINT

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste SL=Sludge; SS=Soil/Sediment; WP=Wipes FP=Free Product; AIR=Air; O=
PRESERVATIVE CODE: IC = Ice; HC = HCl; NN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); TDC (8310B); VFAs (300.0M)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs	DISS. GASES	TDC	VFAs					COMMENTS
1	MW-70-PMW04A-P12	IR 70	6/30/10	0847	8	40mL	VOAs	GW	III	X	X	X	X					
2	MW-70-PMW04B-P12	IR 70	↓	0916	↓	↓	↓	↓	III	X	X	X	X					
3	MW-70-PMW05A-P12	IR 70	↓	0952	↓	↓	↓	↓	III	X	X	X	X					
4	MW-70-PMW05B-P12	IR 70	↓	1039	↓	↓	↓	↓	III	X	X	X	X					
5	IW-70-FSB108-P12	IR 70	↓	1130	↓	↓	↓	↓	III	X	X	X	X					EFFLUENT WELL
6	IW-70-FSB118-P12	IR 70	6/30/10	1421	↓	↓	↓	↓	III	X	X	X	X					EFFLUENT WELL
7	MW-70-PMW09-P12	IR 70	7/01/10	0851	8	40mL	VOAs	GW	III	X	X	X	X					
8	IW-70-SHB113-P12	IR 70	↓	0922	↓	↓	↓	↓	↓	X	X	X	X					
9	MW-70-PMW10-P12	IR 70	7/01/10	1000	↓	↓	↓	↓	↓	X	X	X	X					
10	TB-070110	IR 70	7/01/10	0700	2	40mL	VOA	GW	III	X								TRIP BLANK

Instructions

Cooler #	Temp. (°C)	Samples
1	2.5	

SAMPLER: CHASE BRADDY / BRIAN GOBER
COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY
	7/1/10	1411	
	7/01/10	1454	

NOTICE: Turn-around date (TAT) for samples shall not begin until all documentation have been received. For samples received and discrepancies resolved after 3:00 p.m., TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 5 days (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client or dispose at client's expense unless client is notified otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered by/Airbill	
☑ EMAX Courier	GSO Corr	ECN 10 C70 20
☐ Client Delivery		Receipient I Patel
☐ Third Party		Date 7-1-10
		Time 1454

COC Inspection

☑ Client Name	☑ Client PM/PC	☑ Sampler Name	☑ Sampling Date/Time/Location	☑ Sample ID	☑ Matrix
☑ Analysis	☑ PO # / Job #	☑ Courier Signature	☑ Analysis Required	☑ Preservative (if any)	☑ TAT
Safety Issues	☑ None	☐ High concentrations expected	☐ Superfund Site samples	☐ field screening required	

Comments:

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ Missing
Temperatures (Chol. 2-6 °C but not frozen)	☑ Cooler 1 2.5 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
05	037		F2	R5, R6
06	44, 45, 46		↓	↓
07	52, 58, 62		↓	↓

REVIEWS

Sample Labeling [signature] Date 7-1-10 /x

SRP [signature] Date 7/1/10

PM LP for Ye Date 7/1/10

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
	A1 Analysis is not indicated in COC		D1 Date and/or time is not indicated in COC		R1 Hold sample(s), wait for further instructions
	A2 Analysis is not indicated in label		D2 Date and/or time is not indicated in label		R2 Proceed as indicated in COC
	A3 Analysis is inconsistent in COC vis-a-vis label		D3 Date and/or time is inconsistent in COC vis-a-vis label		R3 Refer to attached instruction
	A4 ____		F1 Insufficient preservative		R4 Cancel the analysis
	B1 Sample ID is not indicated in COC		F2 Improper preservation		R5 Inform client
	B2 Sample ID is not indicated in label		F3 Insufficient Sample		R6 use thiviale without bubble first
	B3 Sample ID is inconsistent in COC vis-a-vis label		F4 Bubble > 6mm		
	B4 ____		G1 Temperature is out of range		
	C1 Wrong container		G2 Out of Holding Time		
	C2 Broken container		G3 >20 % solid particle		
	C3 Leaking container		H1 ____		
	C4 ____		H2 ____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10G020

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G020

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of ten (10) water samples were received on 07/01/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO06G04L/C were all within QC limits.
Percent recoveries for VO06G06L/C were all within QC limits.
Percent recoveries for VO06G07L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Vials received for samples G013-05, -06 and -08 had bubbles >6mm. The analyses were performed on the vials with the least headspace.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT SEC, INC. SDG NO. : 10G020
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006G04B	1	NA	07/06/1013:40	07/06/1013:40	RGW068	RFW343	V006G04	Method Blank
LCS1W	V006G04L	1	NA	07/06/1012:30	07/06/1012:00	RGW065	RFW343	V006G04	Lab Control Sample (LCS)
LCD1W	V006G04C	1	NA	07/06/1012:33	07/06/1012:33	RGW066	RFW343	V006G04	LCS Duplicate
TB-070110	G020-10	1	NA	07/06/1015:53	07/06/1015:53	RGW072	RFW343	V006G04	Field Sample
MW-70-PMW04A-P12	G020-01	1	NA	07/06/1016:27	07/06/1016:27	RGW073	RFW343	V006G04	Field Sample
MW-70-PMW04B-P12	G020-02	1	NA	07/06/1016:59	07/06/1016:59	RGW074	RFW343	V006G04	Field Sample
MW-70-PMW05B-P12	G020-04	1	NA	07/06/1018:04	07/06/1018:04	RGW076	RFW343	V006G04	Field Sample
EW-70-FSB108-P12	G020-05	1	NA	07/06/1018:39	07/06/1018:39	RGW077	RFW343	V006G04	Field Sample
MW-70-PMW09-P12	G020-07	1	NA	07/06/1019:47	07/06/1019:47	RGW079	RFW343	V006G04	Field Sample
MW-70-PMW10-P12	G020-09	1	NA	07/06/1020:51	07/06/1020:51	RGW081	RFW343	V006G04	Field Sample
MBLK2W	V006G06B	1	NA	07/07/1014:51	07/07/1014:51	RGW101	RFW343	V006G06	Method Blank
LCS2W	V006G06L	1	NA	07/07/1012:47	07/07/1012:47	RGW098	RFW343	V006G06	Lab Control Sample (LCS)
LCD2W	V006G06C	1	NA	07/07/1013:46	07/07/1013:46	RGW099	RFW343	V006G06	LCS Duplicate
MW-70-PMW05A-P12	G020-03R	1	NA	07/07/1018:08	07/07/1018:08	RGW107	RFW343	V006G06	Field Sample
MW-70-FSB118-P12	G020-06R	1	NA	07/07/1018:40	07/07/1018:40	RGW108	RFW343	V006G06	Field Sample
MW-70-SMB113-P12	G020-08R	1	NA	07/07/1019:16	07/07/1019:16	RGW109	RFW343	V006G06	Field Sample
MW-70-PMW05B-P12DL	G020-04T	10	NA	07/07/1019:48	07/07/1019:48	RGW110	RFW343	V006G06	Diluted Sample
MW-70-FSB108-P12DL	G020-05T	50	NA	07/07/1020:20	07/07/1020:20	RGW111	RFW343	V006G06	Diluted Sample
MBLK3W	V006G07B	1	NA	07/08/1002:23	07/08/1002:23	RGW122	RFW343	V006G07	Method Blank
LCS3W	V006G07L	1	NA	07/08/1000:45	07/08/1000:45	RGW119	RFW343	V006G07	Lab Control Sample (LCS)
LCD3W	V006G07C	1	NA	07/08/1001:18	07/08/1001:18	RGW120	RFW343	V006G07	LCS Duplicate
MW-70-PMW04A-P12DL	G020-01T	50	NA	07/08/1002:56	07/08/1002:56	RGW123	RFW343	V006G07	Diluted Sample
MW-70-PMW04B-P12DL	G020-02T	100	NA	07/08/1004:01	07/08/1004:01	RGW125	RFW343	V006G07	Diluted Sample
MW-70-PMW09-P12DL	G020-07T	100	NA	07/08/1005:40	07/08/1005:40	RGW128	RFW343	V006G07	Diluted Sample
MW-70-PMW10-P12DL	G020-09T	50	NA	07/08/1006:45	07/08/1006:45	RGW130	RFW343	V006G07	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 1DG020	Date Extracted:	07/06/10 16:27
Sample ID:	MW-70-PMW04A-P12	Date Analyzed:	07/06/10 16:27
Lab Samp ID:	G020-01	Dilution Factor:	1
Lab File ID:	RGW073	Matrix	: WATER
Ext Batch ID:	V006G04	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-D06

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.41J	1.0	0.20
1,1-DICHLOROETHENE	4.4	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	380E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	4.8	1.0	0.20
TRICHLOROETHENE	9.2	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	13	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	114	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 1006020	Date Extracted:	07/08/10 02:56
Sample ID:	MW-70-PMW04A-P120L	Date Analyzed:	07/08/10 02:56
Lab Samp ID:	G020-01T	Dilution Factor:	50
Lab File ID:	RGW123	Matrix	: WATER
Ext Btch ID:	V006G07	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	550	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	110	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	118	70-140
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FED, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, CR SITE 70.	Date Received:	07/01/10
Batch No.	: 100920	Date Extracted:	07/06/10 16:59
Sample ID:	MW-70-PMW04B-M12	Date Analyzed:	07/06/10 16:59
Lab Samp ID:	G020.02	Dilution Factor:	1
Lab File ID:	RGW074	Matrix	: WATER
Ext Batch ID:	VOD0G04	% Moisture	: NA
Calib. Ref.:	RFW345	Instrument ID	: 1-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	1.0	1.0	0.20
1,1-DICHLOROETHENE	14	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2 DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	580E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	21	1.0	0.20
TRICHLOROETHENE	55	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.2	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	118	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 106020	Date Extracted:	07/08/10 04:01
Sample ID:	MW-70 PMW04B-P12DL	Date Analyzed:	07/08/10 04:01
Lab Samp ID:	G020-02T	Dilution Factor:	100
Lab File ID:	RGW125	Matrix	: WATER
Ext Batch ID:	V006G07	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	1400	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2 DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	52J	100	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	115	70-140
4-BROMOFLUOROBENZENE	118	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 18:08
Sample ID:	MW-70-PMW05A-P12	Date Analyzed:	07/07/10 18:08
Lab Samp ID:	G020-03R	Dilution Factor:	1
Lab File ID:	RGW107	Matrix	: WATER
Ext Btch ID:	VD06G06	% Moisture	: NA
Calib. Ref.:	RFU343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	14	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3 DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.32J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.20J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.2	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.50
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.1	1.0	0.20
TRICHLOROETHENE	0.27J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1.7	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	116	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/06/10 18:04
Sample ID:	MW-70-PMW05R-P12	Date Analyzed:	07/06/10 18:04
Lab Samp ID:	G020-04	Dilution Factor:	1
Lab File ID:	RGW076	Matrix	: WATER
Ext Btch ID:	V006G04	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.50
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	0.29J	1.0	0.20
1,1-DICHLOROETHENE	0.21J	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.50
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	6.4J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.40
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	3.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	22	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	3.0	1.0	0.20
TRICHLOROETHENE	0.53J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	270E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	113	70-140
4-BROMOFLUOROBENZENE	113	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 19:48
Sample ID:	MW-70-PMW05R-P120L	Date Analyzed:	07/07/10 19:48
Lab Samp ID:	G020-04T	Dilution Factor:	10
Lab File ID:	RGV110	Matrix	: WATER
Ext Btch ID:	VD06G06	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,1,2-TETRACHLOROETHANE	ND	10	5.0
1,1,2,2-TETRACHLOROETHANE	ND	10	5.0
1,1,2-TRICHLOROETHANE	ND	10	2.0
FREON113	ND	10	5.0
1,1-DICHLOROETHANE	ND	10	5.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	10	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	5.0
1,2-DIBROMOETHANE	ND	10	5.0
1,2-DICHLOROBENZENE	ND	10	5.0
1,2-DICHLOROETHANE	ND	5.0	2.0
1,2-DICHLOROPROPANE	ND	10	2.0
1,2,3-TRICHLOROBENZENE	ND	10	5.0
1,2,3-TRICHLOROPROPANE	ND	10	2.0
1,2,4-TRICHLOROBENZENE	ND	10	5.0
1,2,4-TRIMETHYLBENZENE	ND	10	5.0
1,3-DICHLOROBENZENE	ND	10	5.0
1,3,5-TRIMETHYLBENZENE	ND	10	5.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	2.0
4-CHLOROTOLUENE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	5.0
P-ISOPROPYLTOLUENE	ND	10	5.0
SEC-BUTYLBENZENE	ND	10	5.0
TERT-BUTYLBENZENE	ND	10	2.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	5.0
BROMODICHLOROMETHANE	ND	10	2.0
CIS-1,3-DICHLOROPROPENE	ND	10	5.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	5.0
BROMOFORM	ND	10	5.0
CARBON DISULFIDE	11	10	2.0
CARBON TETRACHLORIDE	ND	5.0	5.0
CHLOROBENZENE	ND	10	5.0
CHLOROETHANE	ND	20	5.0
CHLOROFORM	ND	10	5.0
CHLOROMETHANE	ND	20	5.0
CIS-1,2-DICHLOROETHENE	21	10	5.0
DICHLORODIFLUOROMETHANE	ND	20	5.0
DIBROMOCHLOROMETHANE	ND	10	5.0
DIBROMOMETHANE	ND	10	5.0
ETHYLBENZENE	ND	10	2.0
HEXACHLOROBUTADIENE	ND	10	5.0
ISOPROPYL BENZENE	ND	10	5.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	10	2.0
STYRENE	ND	10	5.0
TETRACHLOROETHYLENE	ND	10	5.0
TOLUENE	ND	10	2.0
TRANS-1,2-DICHLOROETHENE	3.0J	10	5.0
TRICHLOROETHENE	ND	50	5.0
TRICHLOROFLUOROMETHANE	ND	20	5.0
VINYL CHLORIDE	270	5.0	5.0
XYLENES (TOTAL)	ND	20	2.0
M/P-XYLENES	ND	10	5.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	119	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, (R SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/06/10 18:39
Sample ID:	IW-70-FSB10B-P12	Date Analyzed:	07/06/10 18:59
Lab Samp ID:	G020-05	Dilution Factor:	1
Lab File ID:	RGW077	Matrix	: WATER
Ext Batch ID:	V006G04	% Moisture	: NA
Calib. Ref.:	RFW345	Instrument ID	: I-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.50
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.50
1,1-DICHLOROETHENE	0.41J	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	95	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	11	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	240	10	5.0
BENZENE	0.23J	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	1.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	1.2J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	440E	1.0	0.30
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.47J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	4.7	1.0	0.20
TRICHLOROETHENE	0.36J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	130E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	119	70-140
4-BROMOFLUOROBENZENE	110	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 20:20
Sample ID:	IW-70-FS8108-P120L	Date Analyzed:	07/07/10 20:20
Lab Samp ID:	GD20-05T	Dilution Factor:	50
Lab File ID:	RGW11T	Matrix	: WATER
Ext Btch ID:	V006006	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	330J	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	24J	50	10
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	610	50	10
DICHLORODIFLUOROMETHANE	ND	100	10
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	100	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	118	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FED, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/07/10 18:40
Sample ID:	IW-70-FSB118-P12	Date Analyzed:	07/07/10 18:40
Lab Samp ID:	G020-06R	Dilution Factor:	1
Lab File ID:	RGW108	Matrix	: WATER
Ext Batch ID:	VOD6G06	% Moisture	: NA
Calib. Ref.:	RFW345	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	37	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	15	10	5.0
BENZENE	0.30J	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	1.1	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.63J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS 1,2-DICHLOROETHENE	1.8	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.1	1.0	0.20
TRICHLOROETHENE	1.1J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	16	0.50	0.30
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	114	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 106020	Date Extracted:	07/06/10 19:47
Sample ID:	MW-70-PMW09-P12	Date Analyzed:	07/06/10 19:47
Lab Samp ID:	G020-07	Dilution Factor:	1
Lab File ID:	RGW079	Matrix	: WATER
Ext Batch ID:	V006G04	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.85J	1.0	0.20
1,1-DICHLOROETHENE	4.9	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4 METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.50J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	570E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.30
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	14	1.0	0.20
TRICHLOROETHENE	7.8	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.9	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	115	70-130
TOLUENE-D8	108	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/08/10 05:40
Sample ID:	MW-70-PMW09-P120L	Date Analyzed:	07/08/10 05:40
Lab Samp ID:	G020-07T	Dilution Factor:	100
Lab File ID:	RGW128	Matrix	: WATER
Ext Btch ID:	VQ06G07	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	1300	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	ND	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	115	70-140
4-BROMOFLUOROBENZENE	119	70-130
TOLUENE-D8	111	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 19:16
Sample ID:	IW-70-SHB113 P12	Date Analyzed:	07/07/10 19:16
Lab Samp ID:	G020-08R	Dilution Factor:	1
Lab File ID:	RGW109	Matrix	: WATER
Ext Batch ID:	V004G06	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	9.6J	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	27	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	3.1	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	1.2J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.66J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.30
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.21J	1.0	0.50
TRANS-1,2-DICHLOROETHENE	9.2	1.0	0.20
TRICHLOROETHENE	0.52J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	26	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.30
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	112	70-130
TOLUENE-D8	109	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEG, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/06/10 20:51
Sample ID:	MW-70-PMW10-P12	Date Analyzed:	07/06/10 20:51
Lab Samp ID:	G020-09	Dilution Factor:	1
Lab File ID:	RGW081	Matrix	: WATER
Ext Batch ID:	V006G04	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.50
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	3.1	1.0	0.20
1,1-DICHLOROETHENE	3.7	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.5BJ	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	500E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	110E	1.0	0.20
TRICHLOROETHENE	550E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.1	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	116	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT ENG. INC.	Date Collected: 07/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/01/10
Batch No. : 10G020	Date Extracted: 07/08/10 06:45
Sample ID: MW-70-PMW10-P120L	Date Analyzed: 07/08/10 06:45
Lab Samp ID: G020-09T	Dilution Factor: 50
Lab File ID: RGW150	Matrix : WATER
Ext Batch ID: VQ0AG07	% Moisture : NA
Calib. Ref.: RFW343	Instrument ID : T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	980	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	120	50	10
TRICHLOROETHENE	2200	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	ND	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	113	70-140
4-BROMOFLUOROBENZENE	120	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 105020	Date Extracted:	07/06/10 15:55
Sample ID:	TR-070110	Date Analyzed:	07/06/10 15:55
Lab Samp ID:	0020-10	Dilution Factor:	1
Lab File ID:	RGW072	Matrix	: WATER
Ext Btch ID:	VOD6G04	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.57J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.30
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	120	70-140
4-BROMOFLUOROBENZENE	113	70-130
TOLUENE-D8	107	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/06/10
Batch No.	: 106020	Date Extracted:	07/06/10 13:40
Sample ID:	MBLK1W	Date Analyzed:	07/06/10 13:40
Lab Samp ID:	V0606048	Dilution Factor:	1
Lab File ID:	RGW060	Matrix	: WATER
Ext Btch ID:	V0606604	% Moisture	: NA
Cal\D. Ref.:	RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.50
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.50
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.50
HEXACHLOROBUTADIENE	ND	1.0	0.50
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.30
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	112	70-130
TOLUENE-D8	109	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G020
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V006G04B	V006G04L	V006G04C		
LAB FILE ID:	RGW068	RGW065	RGW066		
DATE EXTRACTED:	07/06/1013:40	07/06/1012:00	07/06/1012:33	DATE COLLECTED:	NA
DATE ANALYZED:	07/06/1013:40	07/06/1012:00	07/06/1012:33	DATE RECEIVED:	07/06/10
PREP. BATCH:	V006G04	V006G04	V006G04		
CALIB. REF:	RFW343	RFW343	RFW343		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	12.0	120	10.0	11.4	114	5	60-150	30
Benzene	ND	10.0	11.5	115	10.0	11.0	110	4	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	10.4	104	0	70-130	30
Toluene	ND	10.0	11.0	110	10.0	10.8	108	2	70-130	30
Trichloroethene	ND	10.0	10.8	108	10.0	10.3	103	5	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.3	103	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	11.1	111	10.0	10.9	109	70-130
Toluene-d8	10.0	11.1	111	10.0	10.7	107	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EFC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/07/10
Batch No.	: 10G020	Date Extracted:	07/07/10 14:51
Sample ID	: MBLK2W	Date Analyzed:	07/07/10 14:51
Lab Samp ID	: V0066006	Dilution Factor:	1
Lab File ID	: RGW101	Matrix	: WATER
Ext Batch ID	: VD06606	% Moisture	: NA
Calib. Ref.	: RFW343	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	113	70-130
TOLUENE-D8	108	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G02D
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK2V		
LAB SAMP ID:	V006G06B	V006G06L	V006G06C
LAB FILE ID:	RGW101	RGW098	RGW099
DATE EXTRACTED:	07/07/1014:51	07/07/1012:47	07/07/1013:46
DATE ANALYZED:	07/07/1014:51	07/07/1012:47	07/07/1013:46
PREP. BATCH:	V006G06	V006G06	V006G06
CALIB. REF:	RFW343	RFW343	RFW343

DATE COLLECTED: NA
DATE RECEIVED: 07/07/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.3	103	10.0	9.76	98	6	60-130	30
Benzene	ND	10.0	10.2	102	10.0	10.2	102	0	70-130	30
Chlorobenzene	ND	10.0	9.67	96	10.0	9.64	96	1	70-130	30
Toluene	ND	10.0	9.71	97	10.0	9.83	98	1	70-130	30
Trichloroethene	ND	10.0	9.35	94	10.0	9.36	94	0	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.6	106	10.0	10.4	104	70-140
4-Bromofluorobenzene	10.0	11.0	110	10.0	10.9	109	70-130
Toluene-d8	10.0	10.9	109	10.0	10.9	109	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/08/10
Batch No.	: 100020	Date Extracted:	07/08/10 02:23
Sample ID:	MBLK3W	Date Analyzed:	07/08/10 02:23
Lab Samp ID:	V006G07B	Dilution Factor:	1
Lab File ID:	RGW122	Matrix	: WATER
Ext Btch ID:	V006G07	% Moisture	: NA
Calib. Ref.:	RFW343	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.30
1,1-DICHLOROETHANE	ND	1.0	0.30
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.30
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.30
1,2,3-TRICHLOROPROPANE	ND	1.0	0.30
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.30
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.30
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.30
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.50
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.30
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	118	70-140
4-BROMOFLUOROBENZENE	117	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAI BEACH, IR SITE /U.
BATCH NO.: 10G020
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLK3W
LAB SAMP ID: V006G07B
LAB FILE ID: RGW122
DATE EXTRACTED: 07/08/1002:23
DATE ANALYZED: 07/08/1002:23
PREP. BATCH: V006G07
CALIB. REF: RFW343

1	1	
	V006G07L	V006G07C
	RGW119	RGW120
	07/08/1000:45	07/08/1001:18
	07/08/1000:45	07/08/1001:18
	V006G07	V006G07
	RFW343	RFW343

% MOISTURE: NA

DATE COLLECTED: NA
DATE RECEIVED: 07/08/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.83	88	10.0	9.62	96	9	60-130	30
Benzene	ND	10.0	9.84	98	10.0	10.7	107	8	70-130	30
Chlorobenzene	ND	10.0	9.10	91	10.0	9.99	100	9	70-120	30
Toluene	ND	10.0	9.36	94	10.0	10.2	102	9	70-130	30
Trichloroethene	ND	10.0	8.68	87	10.0	9.63	96	10	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.2	112	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	11.4	114	10.0	11.5	115	70-130
Toluene-d8	10.0	10.9	109	10.0	11.0	110	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RFW337
Instrument ID: 7006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 100020
BFB Injection Date : 06/17/10
BFB Injection Time : 09:44
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.39
75	30.0 - 60.0% of mass 95	42.49
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.79
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.50
175	5.0 - 9.0% of mass 174	6.07(7.4)1
176	95.0 - 101.0% of mass 174	81.15(98.4)1
177	5.0 - 9.0% of mass 176	5.46(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V006F171	RFW338	06/17/10	10:18
2	VSTD0.5	V006F172	RFW339	06/17/10	10:54
3	VSTD01	V006F173	RFW340	06/17/10	11:37
4	VSTD02	V006F174	RFW341	06/17/10	12:00
5	VSTD05	V006F175	RFW342	06/17/10	12:33
6	VSTD010	V006F176	RFW343	06/17/10	13:06
7	VSTD020	V006F177	RFW344	06/17/10	13:42
8	VSTD030	V006F178	RFW345	06/17/10	14:18
9	VSTD040	V006F179	RFW346	06/17/10	14:51
10	VSTD050	V006F1710	RFW347	06/17/10	15:24
11	VSTD100	V006F1711	RFW348	06/17/10	15:57
12	VSTD010	IV006F1702	RFW352	06/17/10	18:31

FORM V VOA DLM02.0

INITIAL CALIBRATION - RELATIVE RESPONSE FACTOR

Instrument ID :T206
Beginning DateTime :06/17/10 10:18
Spike Units :PPB
IC File :RFW343

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :06/17/10 15:57
HPChem Method :V006F17

	IDX	Parameters	.5 10:18 RFW338	.5 10:52 RFW339	1 11:27 RFW340	2 12:00 RFW341	5 12:33 RFW342	10 13:06 RFW343	20 13:42 RFW344	30 14:18 RFW345	40 14:51 RFW346	50 15:24 RFW347	100 15:57 RFW348	Av_RRF	% RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	11.2564
	2	Dichlorodifluoromethane	------	0.272	0.267	0.307	0.310	0.304	0.304	0.303	0.312	0.295	0.318	0.299	5.61	2.9075
	3	Chloromethane	------	0.319	0.295	0.319	0.320	0.315	0.314	0.317	0.325	0.315	0.333	0.317	3.05	3.2955
	4	Vinyl chloride	------	0.223	0.216	0.241	0.235	0.210	0.182	0.173	0.169	------	------	0.206	13.68	3.4979
	5	Bromomethane	0.147	0.150	0.138	0.168	0.184	0.178	0.178	0.180	0.185	0.180	0.188	0.171	10.16	4.2620
	6	Chloroethane	------	0.113	0.102	0.123	0.124	0.123	0.121	0.123	0.125	0.121	0.126	0.120	6.09	4.4061
	7	Dichlorofluoromethane	0.352	0.389	0.370	0.389	0.398	0.397	0.400	0.374	0.396	0.371	0.398	0.385	4.09	4.4674
	8	Trichlorofluoromethane	------	0.256	0.246	0.281	0.298	0.296	0.289	0.296	0.296	0.286	0.306	0.285	6.82	4.8596
5	9	Acrolein	------	0.016	0.014	0.014	0.015	0.014	0.015	0.015	0.015	0.014	0.015	0.015	4.04	5.5717
5	10	Acetone	------	------	0.040	0.036	0.030	0.029	0.031	0.030	0.030	0.029	0.032	0.032	11.84	5.6776
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.154	0.167	0.166	0.182	0.189	0.181	0.188	0.176	0.184	0.171	0.185	0.177	6.12	5.6365
	12	1,1-Dichloroethene	0.395	0.433	0.416	0.455	0.462	0.453	0.464	0.435	0.457	0.426	0.464	0.442	5.13	5.9420
5	13	tert-Butyl alcohol	------	------	0.015	0.016	0.017	0.016	0.017	0.016	0.015	0.014	0.015	0.016	6.01	6.0609
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	0.088	0.083	0.083	0.090	0.083	0.085	0.090	0.088	0.085	0.091	0.086	3.70	6.5217
	16	Iodomethane	0.462	0.505	0.485	0.526	0.537	0.530	0.551	0.520	0.548	0.519	0.563	0.522	5.66	6.5110
	17	Methylene chloride	0.381	0.391	0.356	0.370	0.376	0.366	0.375	0.352	0.366	0.348	0.373	0.368	3.49	6.8205
6	18	Acrylonitrile	0.030	0.034	0.034	0.034	0.036	0.036	0.038	0.038	0.038	0.038	0.040	0.036	8.04	7.0313
	19	Carbon disulfide	0.831	0.854	0.824	0.884	0.917	0.871	0.889	0.832	0.873	0.815	0.856	0.859	3.68	6.8786
	20	tert-Butyl methyl ether (MTBE)	0.228	0.266	0.247	0.271	0.288	0.287	0.317	0.320	0.328	0.322	0.371	0.295	13.98	7.1151
	21	trans-1,2-Dichloroethene	0.394	0.411	0.414	0.440	0.453	0.438	0.447	0.422	0.440	0.415	0.442	0.429	4.20	7.3841
	22	Isopropyl ether (DIPE)	0.898	0.956	0.923	0.945	0.987	0.984	1.035	0.978	1.014	0.961	1.041	0.975	4.55	7.9450
	23	Vinyl acetate	------	0.298	0.274	0.287	0.314	0.313	0.320	0.333	0.326	0.317	0.331	0.311	6.20	8.1304
	24	1,1-Dichloroethane	0.488	0.497	0.500	0.538	0.543	0.532	0.544	0.507	0.540	0.505	0.541	0.521	4.18	8.1545
5	25	2-Butanol	------	------	------	0.009	0.009	0.008	0.009	0.010	0.009	0.009	0.011	0.009	9.04	8.5139
	26	tert-Butyl ethyl ether (ETBE)	------	0.337	0.335	0.362	0.396	0.400	0.460	0.462	0.487	0.477	------	0.413	14.61	8.6659
5	27	2-Butanone	------	0.065	0.062	0.059	0.057	0.056	0.061	0.060	0.059	0.060	0.064	0.060	4.81	8.8574
	28	2,2-Dichloropropane	0.261	0.272	0.269	0.272	0.282	0.271	0.270	0.248	0.254	0.238	0.236	0.260	5.69	9.1398
	29	cis-1,2-Dichloroethene	0.310	0.320	0.323	0.326	0.341	0.333	0.341	0.318	0.335	0.316	0.334	0.327	3.22	9.2128
	30	Chloroform	0.487	0.506	0.494	0.526	0.534	0.517	0.532	0.501	0.527	0.500	0.533	0.514	3.35	9.4804
	31	Bromochloromethane	0.218	0.228	0.236	0.246	0.250	0.243	0.256	0.245	0.250	0.243	0.258	0.243	4.86	9.7548
	32	Tetrahydrofuran	------	------	0.047	0.038	0.040	0.038	0.037	0.036	0.036	0.034	0.037	0.038	10.25	9.8041
	33	Dibromofluoromethane	------	------	------	------	0.320	0.324	0.327	0.336	0.337	0.325	------	0.328	2.08	9.8385
	34	1,1,1-Trichloroethane	0.362	0.401	0.387	0.416	0.421	0.413	0.425	0.396	0.418	0.394	0.415	0.404	4.64	10.1602
	35	Cyclohexane	0.455	0.516	0.493	0.520	0.553	0.499	0.495	0.515	0.520	0.482	0.479	0.502	5.25	10.2089
	36	tert-Amyl methyl ether (TAME)	------	------	0.043	0.052	0.058	0.057	0.068	0.069	0.071	------	------	0.060	17.21	10.5761
	37	1,2-Dichloroethane-d4	------	------	------	------	0.232	0.233	0.237	0.243	0.238	------	------	0.237	1.82	10.6534
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	15.8747
	39	1,1-Dichloropropene	0.139	0.148	0.140	0.152	0.153	0.149	0.153	0.141	0.153	0.142	0.147	0.147	3.79	10.4170
	40	Carbon tetrachloride	0.325	0.320	0.331	0.352	0.358	0.355	0.363	0.342	0.368	0.343	0.362	0.347	4.72	10.5887
	41	1,2-Dichloroethane	0.267	0.281	0.259	0.267	0.275	0.268	0.279	0.265	0.277	0.260	0.277	0.270	2.83	10.8036
	42	Benzene	1.161	1.173	1.160	1.216	1.211	1.180	1.190	1.111	1.172	1.084	1.078	1.158	4.08	10.8496
	43	Trichloroethene	0.329	0.335	0.333	0.352	0.359	0.355	0.364	0.342	0.366	0.342	0.352	0.348	3.67	11.8146
	44	Methylcyclohexane	0.364	0.412	0.420	0.444	0.478	0.410	0.436	0.460	0.473	0.442	0.433	0.434	7.41	11.9335
	45	1,2-Dichloropropane	0.300	0.308	0.308	0.319	0.324	0.319	0.328	0.306	0.319	0.298	0.307	0.312	3.12	12.0768
20	46	1,4-Dioxane	------	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	5.97	12.4408
	47	Bromodichloromethane	0.327	0.352	0.340	0.363	0.373	0.378	0.397	0.378	0.400	0.378	0.401	0.372	6.58	12.4404
	48	Dibromomethane	0.137	0.143	0.140	0.143	0.149	0.146	0.154	0.148	0.154	0.146	0.154	0.147	3.93	12.5417
	49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	50	4-Methyl-2-pentanone	0.154	0.153	0.155	0.153	0.160	0.159	0.170	0.167	0.164	0.161	0.160	0.160	3.58	12.8945
	51	cis-1,3-Dichloropropene	0.394	0.404	0.405	0.435	0.454	0.454	0.478	0.453	0.477	0.450	0.471	0.443	6.77	13.2499
	52	Toluene-d8	------	------	------	------	1.150	1.179	1.159	1.163	1.176	------	------	1.166	1.02	13.6447
	53	Toluene	1.317	1.333	1.309	1.373	1.381	1.346	1.351	1.254	1.316	1.213	1.181	1.307	4.94	13.7635
	54	Ethyl methacrylate	0.181	0.201	0.203	0.224	0.237	0.236	0.256	0.249	0.255	0.243	0.258	0.231	11.12	13.9244
	55	trans-1,3-Dichloropropene	0.281	0.287	0.289	0.308	0.321	0.323	0.343	0.330	0.341	0.326	0.342	0.317	7.21	13.9866
	56	2-Hexanone	0.114	0.108	0.104	0.103	0.110	0.110	0.118	0.116	0.114	0.112	0.112	0.111	4.21	14.1947
	57	1,1,2-Trichloroethane	0.177	0.186	0.172	0.185	0.188	0.183	0.191	0.185	0.190	0.180	0.188	0.184	3.10	14.2393
	58	1,3-Dichloropropene	0.333	0.339	0.322	0.355	0.359	0.351	0.366	0.351	0.366	0.343	0.361	0.350	4.03	14.6083
	59	Tetrachloroethene	0.295	0.290	0.285	0.306	0.314	0.310	0.313	0.292	0.310	0.288	0.292	0.299	3.73	14.7570
	60	Dibromochloromethane	0.212	0.215	0.220	0.234	0.249	0.252	0.272	0.265	0.276	0.262	0.282	0.249	10.14	15.0421
	61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	62	1,2-Dibromoethane	0.182	0.190	0.186	0.196	0.204	0.201	0.216	0.210	0.218	0.205	0.221	0.203	6.51	15.3395
	63	1-Chlorohexane	0.558	0.524	0.550	0.582	0.626	0.611	0.618	0.571	0.597	0.550	0.541	0.575	5.89	15.4855

SW
6/22/10

64	Chlorobenzene	0.888	0.916	0.885	0.930	0.936	0.922	0.931	0.863	0.901	0.829	0.813	0.892	4.71	15.9315
65	1,1,1,2-Tetrachloroethane	0.256	0.269	0.264	0.280	0.290	0.285	0.293	0.276	0.288	0.267	0.265	0.276	4.50	15.9720
66	Ethylbenzene	1.522	1.555	1.519	1.627	1.684	1.615	1.599	1.446	1.485	1.345	1.210	1.510	9.06	15.9720
2 67	m-Xylene & p-Xylene	1.149	1.165	1.154	1.211	1.224	1.179	1.148	1.041	1.065	0.957	------	1.129	7.37	16.0710
68	o-Xylene	1.198	1.173	1.183	1.247	1.286	1.257	1.276	1.181	1.222	1.115	1.067	1.198	5.81	16.6938
69	Styrene	0.852	0.870	0.876	0.932	0.975	0.956	0.975	0.906	0.938	0.863	0.827	0.907	5.85	16.7370
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	19.6415
71	Isopropylbenzene	3.736	3.747	3.683	3.993	4.153	4.099	4.214	3.825	4.168	3.871	3.572	3.915	5.66	17.1682
72	Bromoform	0.272	0.296	0.291	0.321	0.336	0.346	0.387	0.371	0.404	0.388	0.418	0.348	14.18	17.2695
73	1,1,2,2-Tetrachloroethane	0.544	0.589	0.565	0.601	0.598	0.595	0.651	0.621	0.657	0.624	0.645	0.608	5.87	17.3912
74	4-Bromofluorobenzene	------	------	------	------	1.060	1.072	1.119	1.109	1.168	1.121	------	1.107	3.26	17.5373
75	1,2,3-Trichloropropane	0.130	0.132	0.133	0.137	0.138	0.136	0.147	0.140	0.148	0.142	0.149	0.139	4.77	17.5993
76	trans-1,4-Dichloro-2-butene	0.111	0.105	0.103	0.115	0.122	0.123	0.141	0.133	0.143	0.137	0.145	0.125	12.29	17.6478
77	n-Propylbenzene	4.940	4.876	4.814	5.297	5.535	5.429	5.512	4.942	5.338	4.903	------	5.159	5.59	17.7154
78	Bromobenzene	0.861	0.904	0.868	0.913	0.910	0.907	0.955	0.886	0.968	0.915	0.925	0.910	3.54	17.8494
79	1,3,5-Trimethylbenzene	3.014	2.917	2.953	3.175	3.352	3.285	3.368	3.037	3.293	3.024	2.848	3.115	5.96	17.9102
80	2-Chlorotoluene	3.189	3.218	3.232	3.051	3.510	3.461	3.024	3.037	3.436	3.141	2.788	3.190	6.82	17.9994
81	4-Chlorotoluene	------	2.281	2.138	2.677	2.310	2.241	2.838	2.204	2.262	2.136	------	2.342	10.38	18.0455
82	tert-Butylbenzene	0.696	0.673	0.653	0.723	0.763	0.765	0.794	0.719	0.791	0.729	0.709	0.728	6.35	18.4022
83	1,2,4-Trimethylbenzene	3.034	2.950	2.922	3.131	3.273	3.212	3.276	2.953	3.175	2.942	2.751	3.056	5.54	18.4495
84	sec-Butylbenzene	4.357	4.070	4.018	4.483	4.775	4.706	4.785	4.321	4.644	4.278	3.815	4.387	7.45	18.6819
85	p-Isopropyltoluene	3.200	3.025	2.985	3.369	3.652	3.602	3.689	3.339	3.600	3.321	3.121	3.355	7.58	18.8374
86	1,3-Dichlorobenzene	1.787	1.774	1.698	1.826	1.906	1.887	1.945	1.766	1.910	1.777	1.744	1.820	4.41	19.0414
87	1,4-Dichlorobenzene	1.758	1.791	1.647	1.735	1.836	1.811	1.862	1.707	1.826	1.706	1.668	1.759	4.09	19.1753
88	Benzyl chloride	------	------	0.533	0.617	0.654	0.682	0.781	0.709	0.763	0.712	------	0.681	11.81	19.3001
89	n-Butylbenzene	3.520	3.164	3.130	3.522	3.880	3.886	3.803	3.531	3.780	3.475	3.100	3.535	8.53	19.3605
90	1,2-Dichlorobenzene	1.482	1.442	1.402	1.453	1.528	1.517	1.572	1.455	1.565	1.469	1.479	1.488	3.54	19.6794
91	1,2-Dibromo-3-chloropropane	0.072	0.073	0.073	0.079	0.083	0.083	0.094	0.093	0.099	0.097	0.111	0.087	14.50	20.7066
92	1,2,4-Trichlorobenzene	0.888	0.750	0.733	0.798	0.929	0.957	0.997	0.963	1.035	0.979	1.061	0.917	12.22	21.9852
93	Hexachlorobutadiene	0.596	0.518	0.510	0.593	0.657	0.669	0.683	0.631	0.685	0.648	0.696	0.626	10.37	22.1636
94	Naphthalene	------	1.127	0.932	0.964	1.047	1.086	1.185	1.207	1.292	1.227	------	1.118	10.90	22.4463
95	1,2,3-Trichlorobenzene	0.691	0.552	0.529	0.571	0.664	0.691	0.726	0.716	0.761	0.719	0.785	0.673	12.72	22.8326

Spike Amount = Nominal Amount * M
Ave_%RSD : 6.5 Max_%RSD : 17.2

se Least Square Linear Regression with weighting factor of Inverse concentration for comps with %_RSD > 15
esp_Ratio = x0 + x1 * Amt_Ratio

DN	Parameter	x0	x1	CCF
56	tert-Amyl methyl ether (TAME)	-0.00374	0.06990	0.9985

S4
6/22/10

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T006
Beginning DateTime :06/17/10 10:18
Spike Units :PPB
TC File :RFW343

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :06/17/10 15:57
HPChem Method :V006F17

M	IDX	Parameters	.5 10:18 RFW338	.5 10:52 RFW339	1 11:27 RFW340	2 12:00 RFW341	5 12:33 RFW342	10 13:06 RFW343	20 13:42 RFW344	30 14:18 RFW345	40 14:51 RFW346	50 15:24 RFW347	100 15:57 RFW348	AvgRec	% RSD	AV_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	11.2564
	2	Dichlorodifluoromethane	------	91	89	103	104	102	102	101	104	99	106	4.3	5.61	2.9075
	3	Chloromethane	------	101	93	101	101	99	99	100	103	99	105	1.9	3.03	3.2955
	4	Vinyl chloride	------	108	105	117	114	102	88	84	82	------	------	11.5	13.68	3.4979
	5	Bromomethane	86	88	81	98	108	104	104	105	108	105	110	8.3	10.16	4.2620
	6	Chloroethane	------	94	85	102	103	102	101	102	104	101	105	4.3	6.09	4.4061
	7	Dichlorofluoromethane	91	101	96	101	103	103	104	97	103	96	103	3.4	4.09	4.4674
	8	Trichlorofluoromethane	------	90	86	99	105	104	101	104	104	100	107	5.1	6.82	4.8596
5	9	Acrolein	------	107	93	93	100	93	100	100	100	93	100	3.3	4.04	5.5717
5	10	Acetone	------	------	125	112	94	91	97	94	94	91	100	8.7	11.84	5.6776
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	87	94	94	103	107	102	106	99	104	97	105	5	6.12	5.6365
	12	1,1-Dichloroethene	89	98	94	103	105	102	105	98	103	96	105	4.3	5.13	5.9420
5	13	tert-Butyl alcohol	------	------	94	103	106	100	106	100	94	87	94	4.9	6.01	6.0609
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	102	97	97	105	97	99	105	102	99	106	3.3	3.70	6.5217
	16	Iodomethane	89	97	93	101	103	102	106	100	105	99	108	4.2	5.66	6.5110
	17	Methylene chloride	104	106	97	101	102	99	102	96	99	95	101	2.7	3.49	6.8205
6	18	Acrylonitrile	83	94	94	94	100	100	106	106	106	106	111	6.1	8.04	7.0313
	19	Carbon disulfide	97	99	96	103	107	101	103	97	102	95	100	3	3.68	6.8786
	20	tert-Butyl methyl ether (MTBE)	77	93	84	92	98	97	107	108	111	109	126	11.3	13.98	7.1151
	21	trans-1,2-Dichloroethene	92	96	97	103	105	102	104	98	103	97	103	3.6	4.20	7.3841
	22	Isopropyl ether (DIPE)	92	98	95	97	101	101	106	100	104	99	107	3.6	4.55	7.9450
	23	Vinyl acetate	------	96	88	92	101	101	103	107	105	102	106	4.9	6.23	8.1304
	24	1,1-Dichloroethane	94	95	96	103	104	102	104	97	104	97	104	3.8	4.18	8.1545
5	25	2-Butanol	------	------	------	100	100	89	100	111	100	100	122	5.6	9.04	8.5139
	26	tert-Butyl ethyl ether (ETBE)	------	82	81	88	96	97	111	112	118	115	------	12.6	14.61	8.6659
5	27	2-Butanone	------	108	103	98	95	93	102	100	98	100	107	3.5	4.81	8.8574
	28	2,2-Dichloropropane	100	105	100	105	108	104	104	95	98	92	91	4.6	5.69	9.1398
	29	cis-1,2-Dichloroethene	95	98	99	100	104	102	104	97	102	97	102	2.7	3.22	9.2128
	30	Chloroform	95	98	96	102	104	101	104	97	103	97	104	3	3.35	9.4804
	31	Bromochloromethane	90	94	97	101	103	100	105	101	103	100	106	3.5	4.86	9.7548
	32	Tetrahydrofuran	------	------	124	100	105	100	97	95	95	89	97	6.1	10.25	9.8041
	33	Dibromofluoromethane	------	------	------	------	98	99	100	102	103	99	------	1.7	2.08	9.8385
	34	1,1,1-Trichloroethane	90	99	96	103	104	102	105	98	103	98	103	3.7	4.64	10.1602
	35	Cyclohexane	91	103	98	104	110	99	99	103	104	96	95	4	5.25	10.2089
	36	tert-Amyl methyl ether (TAME)	------	------	72	87	97	95	113	115	118	------	------	13.8	17.21	10.5761
	37	1,2-Dichloroethane-d4	------	------	------	------	98	98	100	103	100	------	------	1.4	1.82	10.6534
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	15.8747
	39	1,1-Dichloropropene	95	101	95	103	104	101	104	96	104	97	100	3.2	3.79	10.4170
	40	Carbon tetrachloride	94	92	95	101	103	102	105	99	106	99	104	3.9	4.72	10.5887
	41	1,2-Dichloroethane	99	104	96	99	102	99	103	98	103	96	103	2.5	2.83	10.8036
	42	Benzene	100	101	100	105	105	102	103	96	101	94	93	3.1	4.08	10.8496
	43	Trichloroethene	95	96	96	101	103	102	105	98	105	98	101	3.1	3.67	11.8146
	44	Methylcyclohexane	84	95	97	102	110	94	100	106	109	102	100	5.4	7.41	11.9535
	45	1,2-Dichloropropane	96	99	99	102	104	102	105	98	102	96	98	2.7	3.12	12.0768
20	46	1,4-Dioxane	------	------	------	100	100	100	100	100	100	100	100	0	5.97	12.4408
	47	Bromodichloromethane	88	95	91	98	100	102	107	102	108	102	108	5.1	6.58	12.4404
	48	Dibromomethane	93	97	95	97	101	99	105	101	109	99	105	3.2	3.93	12.5417
	49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	50	4-Methyl-2-pentanone	96	96	97	96	100	99	106	104	102	101	100	2.7	3.58	12.8945
	51	cis-1,3-Dichloropropene	89	91	91	98	102	102	108	102	108	102	106	5.5	6.77	13.2499
	52	Toluene-d8	------	------	------	------	99	101	99	100	101	------	------	.8	1.02	13.6447
	53	Toluene	101	102	100	105	106	103	103	96	101	93	90	3.8	4.94	13.7635
	54	Ethyl methacrylate	78	87	88	97	103	102	111	108	110	105	112	9.1	11.12	13.9244
	55	trans-1,3-Dichloropropene	89	91	91	97	101	102	108	104	108	103	108	6	7.21	13.9866
5	56	2-Hexanone	103	97	94	93	99	99	106	105	103	101	101	3.3	4.21	14.1947
5	57	1,1,2-Trichloroethane	96	101	93	101	102	99	104	101	103	98	102	2.4	3.10	14.2393
5	58	1,3-Dichloropropane	95	97	92	101	103	100	105	103	105	98	103	3.2	4.03	14.6083
	59	Tetrachloroethene	99	97	95	102	105	104	105	98	104	96	98	3.3	3.73	14.7570
	60	Dibromochloromethane	85	86	88	94	100	101	109	106	111	105	113	8.4	10.14	15.0421
	61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	62	1,2-Dibromoethane	90	94	92	97	100	99	106	103	107	101	109	5.2	6.51	15.3395
	63	1-Chlorohexane	97	91	95	101	109	106	107	99	104	96	94	5	5.89	15.4855

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64	Chlorobenzene	100	103	99	104	105	103	104	97	101	93	91	3.7	4.71	15.9315
65	1,1,1,2-Tetrachloroethane	93	97	96	101	105	103	106	100	104	97	96	3.8	4.50	15.9720
66	Ethylbenzene	101	103	101	108	112	107	106	96	98	89	80	6.7	9.06	15.9720
2 67	m-Xylene & p-Xylene	102	103	102	107	108	104	102	92	94	85	------	5.8	7.37	16.0710
68	o-Xylene	97	98	99	104	107	106	107	99	102	93	89	4.7	5.81	16.6938
69	Styrene	94	96	97	103	107	107	107	100	103	95	91	5	5.85	16.7370
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	19.6415
71	Isopropylbenzene	95	96	94	102	106	105	108	98	106	99	91	4.9	5.66	17.1682
72	Bromoform	78	85	84	92	97	99	111	107	116	111	120	11.9	14.18	17.2695
73	1,1,2,2-Tetrachloroethane	89	97	93	99	98	96	107	102	108	103	106	4.7	5.87	17.3912
74	4-Bromofluorobenzene	------	------	------	------	96	97	101	100	105	101	------	2.5	3.26	17.5373
75	1,2,3-Trichloropropane	94	95	96	99	99	98	106	101	106	102	107	3.9	4.77	17.5993
76	trans-1,4-Dichloro-2-butene	89	84	82	92	98	98	113	106	114	110	116	10.5	12.29	17.6478
77	n-Propylbenzene	96	95	93	103	107	105	107	96	103	95	------	5.1	5.59	17.7154
78	Bromobenzene	95	99	95	100	100	100	105	97	106	101	102	2.5	3.54	17.8494
79	1,3,5-Trimethylbenzene	97	94	95	102	108	105	108	97	106	97	91	5.2	5.96	17.9102
80	2-Chlorotoluene	100	101	101	96	110	108	95	95	108	98	87	5.2	6.82	17.9994
81	4-Chlorotoluene	------	97	91	114	99	96	121	94	97	91	------	7.8	10.38	18.0455
82	tert-Butylbenzene	96	92	89	99	105	105	109	99	109	100	97	5	6.35	18.4022
83	1,2,4-Trimethylbenzene	99	97	96	102	107	105	107	97	104	96	90	4.7	5.54	18.4495
84	sec-Butylbenzene	99	93	92	102	109	107	109	98	106	98	87	6.1	7.45	18.6819
85	p-Isopropyltoluene	95	90	89	100	109	107	110	100	107	99	93	6.2	7.58	18.8374
86	1,3-Dichlorobenzene	98	97	93	100	105	104	107	97	105	98	96	3.7	4.41	19.0414
87	1,4-Dichlorobenzene	100	102	94	99	104	103	106	97	104	97	95	3.4	4.09	19.1753
88	Benzyl chloride	------	------	78	91	96	100	115	104	112	105	------	8.8	11.81	19.3001
89	n-Butylbenzene	100	90	89	100	110	110	110	100	107	98	88	6.6	8.53	19.3685
90	1,2-Dichlorobenzene	100	97	94	98	103	102	106	98	105	99	99	2.8	3.54	19.6794
91	1,2-Dibromo-3-chloropropane	83	84	84	91	95	95	108	107	114	111	128	12.3	14.50	20.7066
92	1,2,4-Trichlorobenzene	97	82	80	87	101	104	109	105	113	107	116	9.9	12.22	21.9852
93	Hexachlorobutadiene	95	83	81	95	105	107	109	101	109	104	111	8.3	10.37	22.1636
94	Naphthalene	------	101	83	86	94	97	106	108	116	110	------	8.9	10.98	22.4463
95	1,2,3-Trichlorobenzene	103	82	79	85	99	103	108	106	113	107	117	10.2	12.72	22.8326

Su
6/22/10

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T006
IC Beginning DateTime :06/17/10 10:18
SpTke Amount :10 PPB
CC/CV File :RFV352
IC File :RFV343

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :06/17/10 15:57
HPChem Method :VDDAF17
Date_Time :06/17/10 18:31

M	IDX	Parameters	CC_Con	CC% D	CC_RESP	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CO_X0	CO_X1	CO_X2	CO_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1472714	1	1	11.265	11.256	0				
	2	Dichlorodifluoromethane	9.640	-3.6	424582	0.288	0.299	5.910	5.908	5.61				
	3	Chloromethane	10.139	1.4	473678	0.322	0.317	5.296	5.296	3.03				
	4	Vinyl chloride	10.288	2.9	313101	0.212	0.206	5.505	5.498	13.68				
	5	Bromomethane	10.460	4.6	262792	0.178	0.171	4.278	4.262	10.16				
	6	Chloroethane	10.231	2.3	181040	0.123	0.120	4.411	4.406	6.09				
	7	Dichlorofluoromethane	10.660	6.6	604335	0.410	0.385	4.471	4.467	4.09				
	8	Trichlorofluoromethane	10.009	0.1	420118	0.285	0.285	4.872	4.860	6.82				
5	9	Acrolein	52.691	5.4	114494	0.016	0.015	5.371	5.356	7.04				
5	10	Acetone	46.218	-1.6	230445	0.031	0.032	5.675	5.678	11.64				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	10.284	2.8	267627	0.182	0.177	5.646	5.636	6.12				
	12	1,1-Dichloroethene	10.419	4.1	677521	0.460	0.442	5.958	5.942	5.13				
5	13	tert-Butyl alcohol	45.115	-9.8	104376	0.014	0.016	6.062	6.061	6.01				
	14	Acetonitrile												
	15	Methyl acetate	9.948	-0.5	126650	0.086	0.086	6.523	6.522	3.79				
	16	Iodomethane	10.391	3.9	780568	0.537	0.522	6.593	6.611	5.66				
	17	Methylene chloride	10.353	3.5	561805	0.381	0.368	6.835	6.830	3.49				
6	18	Acrylonitrile	63.469	5.8	335441	0.038	0.036	7.028	7.051	8.04				
	19	Carbon disulfide	10.423	4.2	1318001	0.895	0.859	6.879	6.879	3.68				
	20	tert-Butyl methyl ether (MTBE)	10.182	1.8	442212	0.300	0.292	7.117	7.115	13.98				
	21	trans-1,2-Dichloroethene	10.464	4.6	660362	0.448	0.429	7.385	7.384	4.80				
	22	Isopropyl ether (DIPE)	10.306	3.1	1479629	1.005	0.975	7.950	7.945	4.55				
	23	Vinyl acetate	9.837	-1.6	450622	0.306	0.311	8.128	8.130	6.20				
	24	1,1-Dichloroethane	10.403	4.0	798768	0.542	0.521	8.158	8.155	4.18				
5	25	2-Butanol	47.262	-5.4	65046	0.009	0.009	8.515	8.514	9.04				
	26	tert-Butyl ethyl ether (ETBE)	9.535	-4.6	580358	0.394	0.413	8.678	8.666	14.61				
5	27	2-Butanone	48.990	-2.0	435108	0.059	0.060	8.857	8.837	4.81				
	28	2,2-Dichloropropane	9.977	-0.2	382437	0.260	0.260	9.139	9.140	3.69				
	29	cis-1,2-Dichloroethene	10.497	5.0	505620	0.343	0.327	9.214	9.213	3.66				
	30	Chloroform	10.359	3.6	784706	0.533	0.514	9.461	9.480	3.35				
	31	Bromochloromethane	10.554	5.5	379128	0.257	0.243	9.764	9.755	4.86				
	32	Tetrahydrofuran	10.179	1.8	56968	0.039	0.038	9.808	9.804	10.25				
	33	Dibromofluoromethane	9.819	-1.8	474436	0.322	0.328	9.838	9.839	2.08				
	34	1,1,1-Trichloroethane	10.071	0.7	599851	0.407	0.404	10.163	10.160	4.64				
	35	Cyclohexane	9.475	-2.4	700889	0.476	0.503	10.210	10.209	5.25				
	36	tert-Amyl methyl ether (TAME)	8.431	-15.7	81292	0.055	0.065	10.581	10.576	17.21	-0.0037	0.0699		0.9985
	37	1,2-Dichloroethane-d4	9.882	-1.2	344491	0.234	0.237	10.656	10.653	1.82				
	38	CHLOROBENZENE-D5	10.000	0	1529339	1	1	15.874	15.874	0				
	39	1,1-Dichloropropene	10.274	2.7	220725	0.151	0.147	10.418	10.417	3.79				
	40	Carbon tetrachloride	10.421	4.2	553042	0.342	0.347	10.596	10.589	4.72				
	41	1,2-Dichloroethane	10.394	3.9	429750	0.281	0.270	10.804	10.804	2.83				
	42	Benzene	10.533	5.3	1865115	1.220	1.158	10.849	10.850	4.08				
	43	Trichloroethene	10.456	4.6	556417	0.364	0.348	11.815	11.815	3.67				
	44	Methylcyclohexane	9.288	-7.1	616238	0.403	0.434	11.934	11.934	7.41				
	45	1,2-Dichloropropane	10.315	3.1	492833	0.322	0.312	12.083	12.077	3.16				
20	46	1,4-Dioxane	207.256	4.0	40340	0.001	0.001	12.440	12.441	5.97				
	47	Bromodichloromethane	10.342	5.4	579120	0.392	0.372	12.455	12.440	6.58				
	48	Dibromomethane	10.465	4.7	234595	0.153	0.147	12.544	12.542	3.93				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	52.410	4.8	1278476	0.167	0.160	12.901	12.894	3.58				
	51	cis-1,3-Dichloropropene	10.527	5.3	713180	0.466	0.443	13.257	13.250	6.77				
	52	Toluene-d8	9.819	-1.8	1750246	1.144	1.166	13.644	13.645	1.02				
	53	Toluene	10.529	5.3	2104373	1.376	1.307	13.778	13.764	4.94				
	54	Ethyl methacrylate	10.808	8.1	383341	0.250	0.231	13.927	13.924	11.12				
	55	trans-1,3-Dichloropropene	10.540	5.4	511502	0.334	0.317	13.986	13.984	7.51				
5	56	2-Hexanone	51.863	3.7	879753	0.115	0.111	14.194	14.195	4.21				
	57	1,1,2-Trichloroethane	10.288	2.9	289808	0.189	0.184	14.254	14.239	3.10				
	58	1,3-Dichloropropane	10.494	4.9	561359	0.367	0.350	14.611	14.608	4.03				
	59	Tetrachloroethene	10.404	4.0	476456	0.312	0.299	14.759	14.757	3.75				
	60	Dibromochloromethane	10.696	7.0	407263	0.266	0.249	15.057	15.042	10.14				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.608	6.1	328835	0.215	0.203	15.354	15.340	6.51				
	63	1-Chlorohexane	10.509	6.1	933355	0.610	0.573	15.488	15.486	6.89				
	64	Chlorobenzene	10.541	5.4	1438172	0.940	0.892	15.934	15.932	4.71				
	65	1,1,1,2-Tetrachloroethane	10.763	7.6	423647	0.277	0.276	15.978	15.972	4.50				
	66	Ethylbenzene	10.775	7.7	2487844	1.627	1.510	15.978	15.972	9.06				
2	67	m-Xylene & p-Xylene	21.249	6.2	3670019	1.200	1.129	16.082	16.071	7.37				
	68	o-Xylene	10.749	7.5	1969095	1.288	1.188	16.707	16.694	5.81				
	69	Styrene	10.991	9.9	1534403	0.997	0.907	16.736	16.737	5.85				
	70	1,2-DICHLOROBENZENE-D4	10.000	0	624523	1	1	19.650	19.646	0				
	71	Isopropylbenzene	10.116	1.2	2473266	3.960	3.919	17.168	17.168	5.66				
	72	Bromoform	10.008	0.1	217598	0.348	0.348	17.272	17.270	14.18				
	73	1,1,2,2-Tetrachloroethane	9.611	-1.9	376695	0.597	0.608	17.406	17.391	5.87				
	74	4-Bromofluorobenzene	9.358	-6.4	647011	1.036	1.107	17.337	17.337	3.96				
	75	1,2,3-Trichloropropane	9.887	-1.1	85902	0.138	0.139	17.599	17.599	4.77				
	76	trans-1,4-Dichloro-2-butene	10.098	1.0	79065	0.127	0.125	17.652	17.648	12.29				
	77	n-Propylbenzene	10.065	0.6	3246982	5.193	5.159	17.718	17.715	5.59				
	78	Bromobenzene	9.889	-1.1	562055	0.900	0.910	17.852	17.849	3.54				
	79	1,3,5-Trimethylbenzene	10.309	3.1	2005579	3.211	3.115	17.911	17.910	5.96				
	80	2-Chlorotoluene	9.546	-4.3	1905780	3.052	3.190	18.000	17.999	6.82				
	81	4-Chlorotoluene	10.270	5.7	1524675	2.475	2.342	18.060	18.043	10.38				
	82	tert-Butylbenzene	10.286	2.9	467832	0.749	0.728	18.402	18.402	6.35				
	83	1,2,4-Trimethylbenzene	10.594	2.7	1961350	3.141	3.056	18.461	18.449	5.54				
	84	sec-Butylbenzene	10.212	4.1	2852438	4.567	4.387	18.684	18.682	7.45				
	85	p-Isopropyltoluene	10.441	4.4	2187646	3.503	3.355	18.844	18.835	7.38				
	86	1,3-Dichlorobenzene	10.147	1.5	1153414	1.847	1.820	19.041	19.041	4.41				
	87	1,4-Dichlorobenzene	10.175	1.8	1117732	1.790	1.759	19.175	19.175	4.09				
	88	Benzyl chloride	10.865	8.5	461941	0.739	0.681	19.309	19.300	11.81				
	89	n-Butylbenzene	10.258	2.6	2264987	3.627	3.535	19.383	19.366	8.53				
	90	1,2-Dichlorobenzene	10.156	1.4	941777	1.508	1.488	19.680	19.679	3.54				
	91	1,2-Dibromo-3-chloropropane	9.951	-0.5	54104	0.087	0.087	20.706	20.707	14.50				
	92	1,2,4-Trichlorobenzene	10.328	3.3	591609	0.947	0.917	22.009	21.985	12.22				
	93	Hexachlorobutadiene	10.409	4.1	406953	0.652	0.626	22.163	22.164	10.34				
	94	Naphthalene	9.454	-5.5	660415	1.057	1.118	22.460	22.446	10.90				
	95	1,2,3-Trichlorobenzene	10.156	1.6	426920	0.684	0.673	22.847	22.833	12.72				

Spike Amount = Nominal Amount * M

SOT 6/22/10

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: ENXT Case No.:
Lab File ID: RGW063
Instrument ID: 1006
GC Column:RTX502.210:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10G020
BFB Injection Date : 07/06/10
BFB Injection Time : 10:38
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.36
75	30.0 - 60.0% of mass 95	44.92
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.98
173	Less than 2.0% of mass 174	0.00(0.00)
174	Greater than 50% of mass 95	75.65
175	5.0 - 9.0% of mass 174	5.53(7.31)
176	95.0 - 101.0% of mass 174	73.80(97.61)
177	5.0 - 9.0% of mass 176	4.68(6.34)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006F1726	RGW064	07/06/10	11:13
2	MBLK1W	V006G04B	RGW068	07/06/10	13:40
3	LCS1W	V006G04L	RGW065	07/06/10	12:00
4	LCD1W	V006G04C	RGW066	07/06/10	12:33
5	T6-070110	G020-10	RGW072	07/06/10	15:53
6	MW-70-PMW04A-P12	G020-01	RGW073	07/06/10	16:27
7	MW-70-PMW04B-P12	G020-02	RGW074	07/06/10	16:59
8	MW-70-PMW05B-P12	G020-04	RGW076	07/06/10	18:04
9	IW-70-FSB108-P12	G020-05	RGW077	07/06/10	18:39
10	MW-70-PMW07-P12	G020-07	RGW079	07/06/10	19:47
11	MW-70-PMW10-P12	G020-09	RGW081	07/06/10	20:51

FORM V VOA

DI M02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RFV343
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10GD20
Date Analyzed: 06/17/10
Time Analyzed: 13:06
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1603809	11.25	1675180	15.87	651818	19.64
UPPER LIMIT	3207618	11.75	3350370	16.37	1303636	20.14
LOWER LIMIT	801905	10.75	837595	15.37	325909	19.14
SAMPLE ID						
1 VSTD010	1893852	11.25	1869495	15.87	668918	19.64
2 MBLK1W	2021443	11.26	1996515	15.88	692347	19.64
3 LCS1W	1872553	11.25	1805653	15.87	650965	19.64
4 LCD1W	1973231	11.26	2005806	15.87	746411	19.66
5 T6-070110	1766246	11.26	1828732	15.88	654421	19.65
6 MW 70-PMW04A-P12	1873362	11.25	1854806	15.88	635100	19.64
7 MW-70-PMW04B-P12	1864463	11.24	1868638	15.88	647291	19.64
8 MW-70-PMW05B-P12	1866269	11.27	1880620	15.88	680805	19.65
9 TW-70-FSB108-P12	1607904	11.27	1631207	15.87	598087	19.65
10 MW-70-PMW09-P12	1855555	11.27	1892434	15.87	659184	19.65
11 MW-70-PMW10-P12	1946416	11.27	1932513	15.88	675634	19.64

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	118	0.00
2	T	Dichlorodifluoromethane	10.000	9.966	0.3	116	0.00
3	P,T	Chloromethane	10.000	9.160	8.4	109	0.00
4	C,T	Vinyl chloride	10.000	9.757	2.4	113	0.02
5	T	Bromomethane	10.000	9.610	3.9	109	0.01
6	T	Chloroethane	10.000	10.308	-3.1	119	0.00
7	T	Dichlorofluoromethane	10.000	10.408	-4.1	119	0.01
8	T	Trichlorofluoromethane	10.000	10.784	-7.8	123	0.00
9	T	Acrolein	50.000	25.696	48.6#	62	0.00
10	T	Acetone	50.000	46.087	7.8	121	0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.733	-7.3	124	0.01
12	CMT	1,1-Dichloroethene	10.000	11.685	-16.9	135	0.01
13	T	tert-Butyl alcohol	50.000	42.268	15.5	97	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	10.000	0.000	100.0#	0	-6.52#
16	T	Iodomethane	10.000	9.688	3.1	113	0.03
17	T	Methylene chloride	10.000	11.481	-14.8	137	0.03
18	T	Acrylonitrile	60.000	59.137	1.4	116	0.00
19	T	Carbon disulfide	10.000	10.914	-9.1	127	0.03
20	T	tert-Butyl methyl ether (MT	10.000	9.376	6.2	114	0.00
21	T	trans-1,2-Dichloroethene	10.000	11.157	-11.6	129	0.01
22	T	Isopropyl ether (DIPE)	10.000	10.792	-7.9	126	0.00
23	T	Vinyl acetate	10.000	9.638	3.6	113	0.00
24	P,T	1,1-Dichloroethane	10.000	11.072	-10.7	128	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-8.51#
26	T	tert-Butyl ethyl ether (ETB	10.000	7.660	23.4#	93	0.00
27	T	2-Butanone	50.000	46.219	7.6	117	0.00
28	T	2,2-Dichloropropane	10.000	10.747	-7.5	122	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.512	-5.1	122	0.00
30	C,T	Chloroform	10.000	10.568	-5.7	124	0.00
31	T	Bromochloromethane	10.000	11.249	-12.5	133	0.00
32	T	Tetrahydrofuran	10.000	10.868	-8.7	129	0.00
33	S	Dibromofluoromethane	10.000	10.107	-1.1	121	0.00
34	T	1,1,1-Trichloroethane	10.000	10.402	-4.0	120	0.00
35	T	Cyclohexane	10.000	0.000	100.0#	0	-10.21#
36	T	tert-Amyl methyl ether (TAM	10.000	6.598	34.0#	87	0.02
37	S	1,2-Dichloroethane-d4	10.000	10.487	-4.9	126	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	112	0.00
39	T	1,1-Dichloropropene	10.000	11.303	-13.0	124	0.00
40	T	Carbon tetrachloride	10.000	11.022	-10.2	120	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.971	-9.7	124	0.00
42	TM	Benzene	10.000	11.457	-14.6	125	0.00
43	TM	Trichloroethene	10.000	10.672	-6.7	117	0.00
44	T	Methylcyclohexane	10.000	0.000	100.0#	0	-11.93#
45	C,T	1,2-Dichloropropane	10.000	11.653	-16.5	127	0.00
46	T	1,4-Dioxane	200.000	203.236	-1.6	120	0.00
47	T	Bromodichloromethane	10.000	10.910	-9.1	120	0.00
48	T	Dibromomethane	10.000	10.733	-7.3	120	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-12.86#
50	T	4-Methyl-2-pentanone	50.000	51.735	-3.5	116	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.042	-10.4	120	0.00
52	S	Toluene-d8	10.000	11.039	-10.4	122	0.00
53	CMT	Toluene	10.000	11.081	-10.8	120	0.00
54	T	Ethyl methacrylate	10.000	10.485	-4.8	115	0.00
55	T	trans-1,3-Dichloropropene	10.000	10.712	-7.1	118	0.00
56	T	2-Hexanone	50.000	50.711	-1.4	114	0.00
57	T	1,1,2-Trichloroethane	10.000	10.749	-7.5	121	0.00
58	T	1,3-Dichloropropane	10.000	11.214	-12.1	125	0.00
59	T	Tetrachloroethene	10.000	10.315	-3.1	111	0.00
60	T	Dibromochloromethane	10.000	9.999	0.0	110	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.332	-3.3	116	0.00
63	T	1-Chlorohexane	10.000	11.721	-17.2	123	0.00
64	PM	Chlorobenzene	10.000	10.592	-5.9	114	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	10.045	-0.4	108	0.00
66	C,T	Ethylbenzene	10.000	11.587	-15.9	121	0.00
67	T	m-Xylene & p-Xylene	20.000	22.225	-11.1	119	0.00
68	T	o-Xylene	10.000	10.980	-9.8	116	0.00
69	T	Styrene	10.000	10.670	-6.7	112	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	103	0.00
71	T	Isopropylbenzene	10.000	11.813	-18.1	116	0.00
72	P,T	Bromoform	10.000	9.968	0.3	103	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	11.741	-17.4	123	0.00
74	S	4-Bromofluorobenzene	10.000	11.162	-11.6	118	0.00
75	T	1,2,3-Trichloropropane	10.000	10.853	-8.5	114	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	12.147	-21.5#	127	0.00
77	T	n-Propylbenzene	10.000	12.125	-21.3#	118	-0.01
78	T	Bromobenzene	10.000	10.101	-1.0	104	-0.01
79	T	1,3,5-Trimethylbenzene	10.000	11.478	-14.8	112	0.00
80	T	2-Chlorotoluene	10.000	10.346	-3.5	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	13.438	-34.4#	144	0.00
82	T	tert-Butylbenzene	10.000	11.315	-13.1	111	0.00
83	T	1,2,4-Trimethylbenzene	10.000	11.198	-12.0	109	0.00
84	T	sec-Butylbenzene	10.000	11.989	-19.9	115	-0.01
85	T	p-Isopropyltoluene	10.000	11.492	-14.9	110	0.00
86	T	1,3-Dichlorobenzene	10.000	10.481	-4.8	104	0.00
87	T	1,4-Dichlorobenzene	10.000	10.401	-4.0	104	0.00
88	T	Benzyl chloride	10.000	10.962	-9.6	112	0.00
89	T	n-Butylbenzene	10.000	11.990	-19.9	112	0.00
90	T	1,2-Dichlorobenzene	10.000	10.342	-3.4	104	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.986	10.1	96	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.621	3.8	95	0.00
93	T	Hexachlorobutadiene	10.000	9.812	1.9	94	0.00
94	T	Naphthalene	10.000	9.309	6.9	98	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.489	5.1	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	118	0.00
2	T	Dichlorodifluoromethane	0.299	0.298	0.3	116	0.00
3	P,T	Chloromethane	0.317	0.291	8.2	109	0.00
4	C,T	Vinyl chloride	0.206	0.201	2.4	113	0.02
5	T	Bromomethane	0.171	0.164	4.1	109	0.01
6	T	Chloroethane	0.120	0.124	-3.3	119	0.00
7	T	Dichlorofluoromethane	0.385	0.401	-4.2	119	0.01
8	T	Trichlorofluoromethane	0.285	0.307	-7.7	123	0.00
9	T	Acrolein	0.015	0.008	46.7#	62	0.00
10	T	Acetone	0.032	0.029	9.4	121	0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.177	0.190	-7.3	124	0.01
12	CMT	1,1-Dichloroethene	0.442	0.516	-16.7	135	0.01
13	T	tert-Butyl alcohol	0.016	0.013	18.8	97	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.086	0.000	100.0#	0#	-6.52#
16	T	Iodomethane	0.522	0.506	3.1	113	0.03
17	T	Methylene chloride	0.368	0.423	-14.9	137	0.03
18	T	Acrylonitrile	0.036	0.035	2.8	116	0.00
19	T	Carbon disulfide	0.859	0.937	-9.1	127	0.03
20	T	tert-Butyl methyl ether (MT	0.295	0.276	6.4	114	0.00
21	T	trans-1,2-Dichloroethene	0.429	0.478	-11.4	129	0.01
22	T	Isopropyl ether (DIPE)	0.975	1.052	-7.9	126	0.00
23	T	Vinyl acetate	0.311	0.300	3.5	113	0.00
24	P,T	1,1-Dichloroethane	0.521	0.577	-10.7	128	0.00
25	T	2-Butanol	0.009	0.000	100.0#	0#	-8.51#
26	T	tert-Butyl ethyl ether (ETB	0.413	0.317	23.2#	93	0.00
27	T	2-Butanone	0.060	0.056	6.7	117	0.00
28	T	2,2-Dichloropropane	0.260	0.280	-7.7	122	0.00
29	T	cis-1,2-Dichloroethene	0.327	0.344	-5.2	122	0.00
30	C,T	Chloroform	0.514	0.544	-5.8	124	0.00
31	T	Bromochloromethane	0.243	0.273	-12.3	133	0.00
32	T	Tetrahydrofuran	0.038	0.041	-7.9	129	0.00
33	S	Dibromofluoromethane	0.328	0.332	-1.2	121	0.00
34	T	1,1,1-Trichloroethane	0.404	0.421	-4.2	120	0.00
35	T	Cyclohexane	0.502	0.000	100.0#	0#	-10.21#
36	T	tert-Amyl methyl ether (TAM	0.060	0.042	30.0#	87	0.02
37	S	1,2-Dichloroethane-d4	0.237	0.248	-4.6	126	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	112	0.00
39	T	1,1-Dichloropropene	0.147	0.166	-12.9	124	0.00
40	T	Carbon tetrachloride	0.347	0.382	-10.1	120	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.270	0.297	-10.0	124	0.00
42	TM	Benzene	1.158	1.326	-14.5	125	0.00
43	TM	Trichloroethene	0.348	0.371	-6.6	117	0.00
44	T	Methylcyclohexane	0.434	0.000	100.0#	0#	-11.93#
45	C,T	1,2-Dichloropropane	0.312	0.364	-16.7	127	0.00
46	T	1,4-Dioxane	0.001	0.001	0.0	120	0.00
47	T	Bromodichloromethane	0.372	0.405	-8.9	120	0.00
48	T	Dibromomethane	0.147	0.157	-6.8	120	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-12.86#
50	T	4-Methyl-2-pentanone	0.160	0.165	-3.1	116	0.00
51	T	cis-1,3-Dichloropropene	0.443	0.489	-10.4	120	0.00
52	S	Toluene-d8	1.166	1.287	-10.4	122	0.00
53	CMT	Toluene	1.307	1.448	-10.8	120	0.00
54	T	Ethyl methacrylate	0.231	0.243	-5.2	115	0.00
55	T	trans-1,3-Dichloropropene	0.317	0.340	-7.3	118	0.00
56	T	2-Hexanone	0.111	0.112	-0.9	114	0.00
57	T	1,1,2-Trichloroethane	0.184	0.198	-7.6	121	0.00
58	T	1,3-Dichloropropane	0.350	0.392	-12.0	125	0.00
59	T	Tetrachloroethene	0.299	0.309	-3.3	111	0.00
60	T	Dibromochloromethane	0.249	0.249	0.0	110	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.203	0.209	-3.0	116	0.00
63	T	1-Chlorohexane	0.575	0.674	-17.2	123	0.00
64	PM	Chlorobenzene	0.892	0.945	-5.9	114	0.00
65	T	1,1,1,2-Tetrachloroethane	0.276	0.277	-0.4	108	0.00
66	C,T	Ethylbenzene	1.510	1.749	-15.8	121	0.00
67	T	m-Xylene & p-Xylene	1.129	1.255	-11.2	119	0.00
68	T	o-Xylene	1.198	1.315	-9.8	116	0.00
69	T	Styrene	0.907	0.968	-6.7	112	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	103	0.00
71	T	Isopropylbenzene	3.915	4.625	-18.1	116	0.00
72	P,T	Bromoform	0.348	0.347	0.3	103	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.608	0.714	-17.4	123	0.00
74	S	4-Bromofluorobenzene	1.107	1.236	-11.7	118	0.00
75	T	1,2,3-Trichloropropane	0.139	0.151	-8.6	114	0.00
76	T	trans-1,4-Dichloro-2-butene	0.125	0.152	-21.6#	127	0.00
77	T	n-Propylbenzene	5.159	6.255	-21.2#	118	-0.01
78	T	Bromobenzene	0.910	0.919	-1.0	104	-0.01
79	T	1,3,5-Trimethylbenzene	3.115	3.575	-14.8	112	0.00
80	T	2-Chlorotoluene	3.190	3.300	-3.4	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G06\RGW064.D Vial: 2
Acq On : 6 Jul 2010 11:13 am Operator: SD
Sample : CVO06F1726 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.342	3.147	-34.4#	144	0.00
82	T	tert-Butylbenzene	0.728	0.824	-13.2	111	0.00
83	T	1,2,4-Trimethylbenzene	3.056	3.422	-12.0	109	0.00
84	T	sec-Butylbenzene	4.387	5.259	-19.9	115	-0.01
85	T	p-Isopropyltoluene	3.355	3.855	-14.9	110	0.00
86	T	1,3-Dichlorobenzene	1.820	1.908	-4.8	104	0.00
87	T	1,4-Dichlorobenzene	1.759	1.829	-4.0	104	0.00
88	T	Benzyl chloride	0.681	0.747	-9.7	112	0.00
89	T	n-Butylbenzene	3.535	4.239	-19.9	112	0.00
90	T	1,2-Dichlorobenzene	1.488	1.538	-3.4	104	0.00
91	T	1,2-Dibromo-3-chloropropane	0.087	0.078	10.3	96	0.00
92	T	1,2,4-Trichlorobenzene	0.917	0.882	3.8	95	0.00
93	T	Hexachlorobutadiene	0.626	0.614	1.9	94	0.00
94	T	Naphthalene	1.118	1.041	6.9	98	0.00
95	T	1,2,3-Trichlorobenzene	0.673	0.639	5.1	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RGW096
Instrument ID: TQ06
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10G020
BFB Injection Date : 07/07/10
BFB Injection Time : 11:26
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.98
75	30.0 - 60.0% of mass 95	42.55
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.70
173	Less than 2.0% of mass 174	0.00(0.00)1
174	Greater than 50% of mass 95	74.80
175	5.0 - 9.0% of mass 174	5.45(7.28)1
176	95.0 - 101.0% of mass 174	73.24(97.92)1
177	5.0 - 9.0% of mass 176	4.69(6.42)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006F1728	RGW097	07/07/10	12:00
2	MBLK2W	VQ06G06B	RGW101	07/07/10	14:51
3	LCS2W	VQ06G06I	RGW098	07/07/10	12:47
4	LCD2W	VQ06G06C	RGW099	07/07/10	13:46
5	MW-70-PMW05A-P12	G020-05R	RGW107	07/07/10	18:00
6	IW-70-FSB11B-P12	G020-06R	RGW108	07/07/10	18:40
7	IW-70-SHB11B-P12	G020-08R	RGW109	07/07/10	19:16
8	MW-70-PMW05B-P12DL	G020-04T	RGW110	07/07/10	19:58
9	IW-70-FSB10B-P12DL	G020-05T	RGW111	07/07/10	20:20

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RFW343
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10G020
Date Analyzed: 06/17/10
Time Analyzed: 13:06
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CB2)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1603809	11.25	1675185	15.87	651818	19.64
UPPER LIMIT	3207618	11.75	3350370	16.37	1303636	20.14
LOWER LIMIT	801905	10.75	837593	15.37	325909	19.14
SAMPLE ID						
1 VSTD010	2062967	11.26	2031762	15.87	700580	19.65
2 MBLK2W	2025281	11.26	2080217	15.88	726134	19.64
3 LCS2W	1962562	11.27	1941172	15.87	716811	19.65
4 LCD2W	1989061	11.26	1932333	15.88	713198	19.64
5 MW-70-PMW05A-P12	1905700	11.27	1898826	15.88	649101	19.64
6 IW-70-FSB118-P12	1913340	11.26	1917595	15.88	665002	19.64
7 IW-70-SHB113-P12	1894671	11.26	1907364	15.87	686883	19.65
8 MW-70-PMW05B-P12DL	2031210	11.26	2011575	15.88	685730	19.64
9 IW-70-FSB108-P12DL	1961431	11.26	1955225	15.88	665006	19.64

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CB2) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.
page 1 of 1

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D
Acq On : 7 Jul 2010 12:00 pm
Sample : CVO06F1728
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	129	0.01
2	T	Dichlorodifluoromethane	10.000	9.641	3.6	122	0.02
3	P,T	Chloromethane	10.000	8.868	11.3	115	0.01
4	C,T	Vinyl chloride	10.000	9.315	6.9	118	0.01
5	T	Bromomethane	10.000	9.299	7.0	115	0.01
6	T	Chloroethane	10.000	9.962	0.4	125	0.01
7	T	Dichlorofluoromethane	10.000	8.740	12.6	109	0.01
8	T	Trichlorofluoromethane	10.000	10.119	-1.2	125	0.01
9	T	Acrolein	50.000	21.274	57.5#	56	0.01
10	T	Acetone	50.000	44.536	10.9	127	0.01
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.152	8.5	115	0.01
12	CMT	1,1-Dichloroethene	10.000	9.623	3.8	121	0.01
13	T	tert-Butyl alcohol	50.000	34.750	30.5#	87	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	10.000	0.000	100.0#	0	-6.52#
16	T	Iodomethane	10.000	7.892	21.1#	100	0.03
17	T	Methylene chloride	10.000	9.966	0.3	129	0.03
18	T	Acrylonitrile	60.000	59.070	1.5	126	0.01
19	T	Carbon disulfide	10.000	7.885	21.2#	100	0.03
20	T	tert-Butyl methyl ether (MT	10.000	6.998	30.0#	92	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.023	9.8	114	0.01
22	T	Isopropyl ether (DIPE)	10.000	9.435	5.6	120	0.00
23	T	Vinyl acetate	10.000	9.710	2.9	124	0.00
24	P,T	1,1-Dichloroethane	10.000	9.537	4.6	120	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-8.51#
26	T	tert-Butyl ethyl ether (ETB	10.000	5.256	47.4#	70	0.00
27	T	2-Butanone	50.000	46.451	7.1	128	0.00
28	T	2,2-Dichloropropane	10.000	8.994	10.1	111	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.124	8.8	115	0.00
30	C,T	Chloroform	10.000	9.258	7.4	118	0.00
31	T	Bromochloromethane	10.000	9.575	4.3	123	0.01
32	T	Tetrahydrofuran	10.000	8.433	15.7	109	0.00
33	S	Dibromofluoromethane	10.000	10.064	-0.6	131	0.00
34	T	1,1,1-Trichloroethane	10.000	8.663	13.4	109	0.00
35	T	Cyclohexane	10.000	0.000	100.0#	0	-10.21#
36	T	tert-Amyl methyl ether (TAM	10.000	4.662	53.4#	65	0.01
37	S	1,2-Dichloroethane-d4	10.000	10.197	-2.0	133	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	121	0.00
39	T	1,1-Dichloropropene	10.000	9.364	6.4	112	0.00
40	T	Carbon tetrachloride	10.000	9.085	9.1	108	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D Vial: 2
Acq On : 7 Jul 2010 12:00 pm Operator: SD
Sample : CV006F1728 Inst : T006
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\V006F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	9.290	7.1	114	0.00
42	TM	Benzene	10.000	9.827	1.7	117	0.00
43	TM	Trichloroethene	10.000	8.979	10.2	107	0.00
44	T	Methylcyclohexane	10.000	0.000	100.0#	0	-11.93#
45	C,T	1,2-Dichloropropane	10.000	10.307	-3.1	122	0.01
46	T	1,4-Dioxane	200.000	154.984	22.5#	100	0.00
47	T	Bromodichloromethane	10.000	9.508	4.9	113	0.00
48	T	Dibromomethane	10.000	9.272	7.3	113	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-12.86#
50	T	4-Methyl-2-pentanone	50.000	53.153	-6.3	130	0.01
51	T	cis-1,3-Dichloropropene	10.000	9.475	5.3	112	0.01
52	S	Toluene-d8	10.000	11.110	-11.1	133	0.00
53	CMT	Toluene	10.000	9.499	5.0	112	0.00
54	T	Ethyl methacrylate	10.000	9.288	7.1	110	0.00
55	T	trans-1,3-Dichloropropene	10.000	9.158	8.4	109	0.00
56	T	2-Hexanone	50.000	51.928	-3.9	127	0.00
57	T	1,1,2-Trichloroethane	10.000	9.509	4.9	116	0.00
58	T	1,3-Dichloropropane	10.000	9.838	1.6	119	0.00
59	T	Tetrachloroethene	10.000	8.428	15.7	99	0.00
60	T	Dibromochloromethane	10.000	8.623	13.8	103	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	8.946	10.5	109	0.00
63	T	1-Chlorohexane	10.000	10.028	-0.3	115	0.00
64	PM	Chlorobenzene	10.000	9.143	8.6	107	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	8.905	11.0	104	0.01
66	C,T	Ethylbenzene	10.000	9.907	0.9	112	0.01
67	T	m-Xylene & p-Xylene	20.000	19.289	3.6	112	0.00
68	T	o-Xylene	10.000	9.544	4.6	109	0.00
69	T	Styrene	10.000	9.234	7.7	105	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	107	0.01
71	T	Isopropylbenzene	10.000	10.737	-7.4	110	0.00
72	P,T	Bromoform	10.000	8.788	12.1	95	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.867	-8.7	119	0.00
74	S	4-Bromofluorobenzene	10.000	11.529	-15.3	128	0.00
75	T	1,2,3-Trichloropropane	10.000	9.975	0.3	110	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	10.423	-4.2	114	0.00
77	T	n-Propylbenzene	10.000	11.061	-10.6	113	0.00
78	T	Bromobenzene	10.000	9.013	9.9	97	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.390	-3.9	106	0.00
80	T	2-Chlorotoluene	10.000	10.958	-9.6	109	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D Vial: 2
Acq On : 7 Jul 2010 12:00 pm Operator: SD
Sample : CVO06F1728 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.186	-1.9	114	0.00
82	T	tert-Butylbenzene	10.000	10.306	-3.1	105	0.00
83	T	1,2,4-Trimethylbenzene	10.000	10.259	-2.6	105	0.00
84	T	sec-Butylbenzene	10.000	11.095	-11.0	111	0.00
85	T	p-Isopropyltoluene	10.000	10.580	-5.8	106	0.00
86	T	1,3-Dichlorobenzene	10.000	9.544	4.6	99	0.00
87	T	1,4-Dichlorobenzene	10.000	9.447	5.5	99	0.00
88	T	Benzyl chloride	10.000	8.980	10.2	96	0.01
89	T	n-Butylbenzene	10.000	11.299	-13.0	110	0.00
90	T	1,2-Dichlorobenzene	10.000	9.285	7.1	98	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	7.781	22.2#	87	0.00
92	T	1,2,4-Trichlorobenzene	10.000	8.706	12.9	90	0.00
93	T	Hexachlorobutadiene	10.000	9.055	9.5	91	0.00
94	T	Naphthalene	10.000	8.424	15.8	93	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.413	15.9	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D Vial: 2
Acq On : 7 Jul 2010 12:00 pm Operator: SD
Sample : CVO06F1728 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	129	0.01
2	T	Dichlorodifluoromethane	0.299	0.288	3.7	122	0.02
3	P,T	Chloromethane	0.317	0.281	11.4	115	0.01
4	C,T	Vinyl chloride	0.206	0.192	6.8	118	0.01
5	T	Bromomethane	0.171	0.159	7.0	115	0.01
6	T	Chloroethane	0.120	0.120	0.0	125	0.01
7	T	Dichlorofluoromethane	0.385	0.336	12.7	109	0.01
8	T	Trichlorofluoromethane	0.285	0.288	-1.1	125	0.01
9	T	Acrolein	0.015	0.006	60.0#	56	0.01
10	T	Acetone	0.032	0.028	12.5	127	0.01
11	T	1,1,2-Trichloro-1,2,2-trifl	0.177	0.162	8.5	115	0.01
12	CMT	1,1-Dichloroethene	0.442	0.425	3.8	121	0.01
13	T	tert-Butyl alcohol	0.016	0.011	31.3#	87	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.086	0.000	100.0#	0#	-6.52#
16	T	Iodomethane	0.522	0.412	21.1#	100	0.03
17	T	Methylene chloride	0.368	0.367	0.3	129	0.03
18	T	Acrylonitrile	0.036	0.035	2.8	126	0.01
19	T	Carbon disulfide	0.859	0.677	21.2#	100	0.03
20	T	tert-Butyl methyl ether (MT	0.295	0.206	30.2#	92	0.00
21	T	trans-1,2-Dichloroethene	0.429	0.387	9.8	114	0.01
22	T	Isopropyl ether (DIPE)	0.975	0.920	5.6	120	0.00
23	T	Vinyl acetate	0.311	0.302	2.9	124	0.00
24	P,T	1,1-Dichloroethane	0.521	0.497	4.6	120	0.00
25	T	2-Butanol	0.009	0.000	100.0#	0#	-8.51#
26	T	tert-Butyl ethyl ether (ETB	0.413	0.217	47.5#	70	0.00
27	T	2-Butanone	0.060	0.056	6.7	128	0.00
28	T	2,2-Dichloropropane	0.260	0.234	10.0	111	0.00
29	T	cis-1,2-Dichloroethene	0.327	0.298	8.9	115	0.00
30	C,T	Chloroform	0.514	0.476	7.4	118	0.00
31	T	Bromochloromethane	0.243	0.233	4.1	123	0.01
32	T	Tetrahydrofuran	0.038	0.032	15.8	109	0.00
33	S	Dibromofluoromethane	0.328	0.330	-0.6	131	0.00
34	T	1,1,1-Trichloroethane	0.404	0.350	13.4	109	0.00
35	T	Cyclohexane	0.502	0.000	100.0#	0#	-10.21#
36	T	tert-Amyl methyl ether (TAM	0.060	0.029	51.7#	65	0.01
37	S	1,2-Dichloroethane-d4	0.237	0.241	-1.7	133	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	121	0.00
39	T	1,1-Dichloropropene	0.147	0.138	6.1	112	0.00
40	T	Carbon tetrachloride	0.347	0.315	9.2	108	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D
Acq On : 7 Jul 2010 12:00 pm
Sample : CVO06F1728
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.270	0.251	7.0	114	0.00
42	TM	Benzene	1.158	1.138	1.7	117	0.00
43	TM	Trichloroethene	0.348	0.312	10.3	107	0.00
44	T	Methylcyclohexane	0.434	0.000	100.0#	0#	-11.93#
45	C,T	1,2-Dichloropropane	0.312	0.322	-3.2	122	0.01
46	T	1,4-Dioxane	0.001	0.001	0.0	100	0.00
47	T	Bromodichloromethane	0.372	0.353	5.1	113	0.00
48	T	Dibromomethane	0.147	0.136	7.5	113	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-12.86#
50	T	4-Methyl-2-pentanone	0.160	0.170	-6.3	130	0.01
51	T	cis-1,3-Dichloropropene	0.443	0.420	5.2	112	0.01
52	S	Toluene-d8	1.166	1.295	-11.1	133	0.00
53	CMT	Toluene	1.307	1.241	5.0	112	0.00
54	T	Ethyl methacrylate	0.231	0.215	6.9	110	0.00
55	T	trans-1,3-Dichloropropene	0.317	0.291	8.2	109	0.00
56	T	2-Hexanone	0.111	0.115	-3.6	127	0.00
57	T	1,1,2-Trichloroethane	0.184	0.175	4.9	116	0.00
58	T	1,3-Dichloropropane	0.350	0.344	1.7	119	0.00
59	T	Tetrachloroethene	0.299	0.252	15.7	99	0.00
60	T	Dibromochloromethane	0.249	0.215	13.7	103	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.203	0.181	10.8	109	0.00
63	T	1-Chlorohexane	0.575	0.577	-0.3	115	0.00
64	PM	Chlorobenzene	0.892	0.816	8.5	107	0.00
65	T	1,1,1,2-Tetrachloroethane	0.276	0.245	11.2	104	0.01
66	C,T	Ethylbenzene	1.510	1.496	0.9	112	0.01
67	T	m-Xylene & p-Xylene	1.129	1.089	3.5	112	0.00
68	T	o-Xylene	1.198	1.143	4.6	109	0.00
69	T	Styrene	0.907	0.838	7.6	105	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	107	0.01
71	T	Isopropylbenzene	3.915	4.203	-7.4	110	0.00
72	P,T	Bromoform	0.348	0.306	12.1	95	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.608	0.661	-8.7	119	0.00
74	S	4-Bromofluorobenzene	1.107	1.276	-15.3	128	0.00
75	T	1,2,3-Trichloropropane	0.139	0.139	0.0	110	0.00
76	T	trans-1,4-Dichloro-2-butene	0.125	0.131	-4.8	114	0.00
77	T	n-Propylbenzene	5.159	5.706	-10.6	113	0.00
78	T	Bromobenzene	0.910	0.820	9.9	97	0.00
79	T	1,3,5-Trimethylbenzene	3.115	3.236	-3.9	106	0.00
80	T	2-Chlorotoluene	3.190	3.495	-9.6	109	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW097.D Vial: 2
Acq On : 7 Jul 2010 12:00 pm Operator: SD
Sample : CVO06F1728 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.342	2.386	-1.9	114	0.00
82	T	tert-Butylbenzene	0.728	0.750	-3.0	105	0.00
83	T	1,2,4-Trimethylbenzene	3.056	3.136	-2.6	105	0.00
84	T	sec-Butylbenzene	4.387	4.867	-10.9	111	0.00
85	T	p-Isopropyltoluene	3.355	3.549	-5.8	106	0.00
86	T	1,3-Dichlorobenzene	1.820	1.737	4.6	99	0.00
87	T	1,4-Dichlorobenzene	1.759	1.662	5.5	99	0.00
88	T	Benzyl chloride	0.681	0.612	10.1	96	0.01
89	T	n-Butylbenzene	3.535	3.995	-13.0	110	0.00
90	T	1,2-Dichlorobenzene	1.488	1.381	7.2	98	0.00
91	T	1,2-Dibromo-3-chloropropane	0.087	0.068	21.8#	87	0.00
92	T	1,2,4-Trichlorobenzene	0.917	0.798	13.0	90	0.00
93	T	Hexachlorobutadiene	0.626	0.567	9.4	91	0.00
94	T	Naphthalene	1.118	0.942	15.7	93	0.00
95	T	1,2,3-Trichlorobenzene	0.673	0.566	15.9	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RGW117
Instrument ID: T006
GC Column:RTX502.210;0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10G020
BFB Injection Date : 07/07/10
BFB Injection Time : 23:39
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.12
75	30.0 - 60.0% of mass 95	44.88
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.80
173	Less than 2.0% of mass 174	0.00(0.00)1
174	Greater than 50% of mass 95	71.50
175	5.0 - 9.0% of mass 174	5.00(7.00)1
176	95.0 - 101.0% of mass 174	70.81(99.20)1
177	5.0 - 9.0% of mass 176	4.50(6.30)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006F1729	RGW118	07/08/10	00:13
2	MBLK3W	V006G070	RGW122	07/08/10	02:23
3	LCS3W	V006G07L	RGW119	07/08/10	00:45
4	LCD3W	V006G07C	RGW120	07/08/10	01:18
5	MW-70-PMW04A-P120L	G020-01T	RGW123	07/08/10	02:56
6	MW-70-PMW06B-P120L	G020-02T	RGW125	07/08/10	04:01
7	MW-70-PMW09-P120L	G020-07T	RGW128	07/08/10	05:40
8	MW-70-PMW10-P120L	G020-09T	RGW130	07/08/10	06:45

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RFW545
Instrument ID: 1006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 106020
Date Analyzed: 06/17/10
Time Analyzed: 13:06
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1603809	11.25	1675185	15.87	651818	19.64
UPPER LIMIT	3207618	11.75	3350370	16.37	1303636	20.14
LOWER LIMIT	801905	10.75	837593	15.37	325909	19.14
SAMPLE ID						
1 VST0010	1752610	11.26	1737795	15.88	604185	19.64
2 MBLK3W	1951836	11.26	2024061	15.88	693321	19.64
3 LCS3W	1820482	11.26	1819242	15.87	632876	19.64
4 LCD3W	1721767	11.26	1737896	15.87	566678	19.65
5 MW-70-PMW04A-P12DL	1883142	11.26	1860347	15.88	623038	19.64
6 MW-70-PMW04B-P12DL	1950394	11.26	1951679	15.88	655891	19.64
7 MW-70-PMW09-P12DL	1919767	11.26	1924877	15.88	642266	19.64
8 MW-70-PMW10-P12DL	1834159	11.26	1822404	15.87	607706	19.65

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.
page 1 of 1

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CVO06F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	109	0.00
2	T	Dichlorodifluoromethane	10.000	8.930	10.7	96	0.00
3	P,T	Chloromethane	10.000	9.531	4.7	105	0.00
4	C,T	Vinyl chloride	10.000	9.359	6.4	100	0.02
5	T	Bromomethane	10.000	10.063	-0.6	106	0.00
6	T	Chloroethane	10.000	10.919	-9.2	116	0.00
7	T	Dichlorofluoromethane	10.000	9.567	4.3	101	0.00
8	T	Trichlorofluoromethane	10.000	9.435	5.6	99	0.00
9	T	Acrolein	50.000	19.509	61.0#	44	0.00
10	T	Acetone	50.000	51.059	-2.1	124	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.400	16.0	90	0.00
12	CMT	1,1-Dichloroethene	10.000	9.702	3.0	103	0.00
13	T	tert-Butyl alcohol	50.000	39.030	21.9#	83	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	10.000	0.000	100.0#	0	-6.52#
16	T	Iodomethane	10.000	8.457	15.4	91	0.02
17	T	Methylene chloride	10.000	10.776	-7.8	119	0.02
18	T	Acrylonitrile	60.000	68.190	-13.6	124	0.00
19	T	Carbon disulfide	10.000	8.169	18.3	88	0.02
20	T	tert-Butyl methyl ether (MT	10.000	7.575	24.3#	85	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.835	1.6	105	0.00
22	T	Isopropyl ether (DIPE)	10.000	10.615	-6.2	115	0.00
23	T	Vinyl acetate	10.000	8.422	15.8	92	0.00
24	P,T	1,1-Dichloroethane	10.000	10.738	-7.4	115	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-8.51#
26	T	tert-Butyl ethyl ether (ETB	10.000	5.660	43.4#	64	0.00
27	T	2-Butanone	50.000	53.283	-6.6	125	0.00
28	T	2,2-Dichloropropane	10.000	7.689	23.1#	81	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.044	-0.4	108	0.00
30	C,T	Chloroform	10.000	10.326	-3.3	112	0.00
31	T	Bromochloromethane	10.000	10.960	-9.6	120	0.00
32	T	Tetrahydrofuran	10.000	9.321	6.8	102	0.00
33	S	Dibromofluoromethane	10.000	10.326	-3.3	114	0.00
34	T	1,1,1-Trichloroethane	10.000	8.850	11.5	95	0.00
35	T	Cyclohexane	10.000	0.000	100.0#	0	-10.21#
36	T	tert-Amyl methyl ether (TAM	10.000	4.956	50.4#	59	0.00
37	S	1,2-Dichloroethane-d4	10.000	10.992	-9.9	122	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	104	0.00
39	T	1,1-Dichloropropene	10.000	9.278	7.2	95	0.00
40	T	Carbon tetrachloride	10.000	8.881	11.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CVO06F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.388	-3.9	109	0.00
42	TM	Benzene	10.000	10.697	-7.0	109	0.00
43	TM	Trichloroethene	10.000	9.330	6.7	95	0.00
44	T	Methylcyclohexane	10.000	0.000	100.0#	0	-11.93#
45	C,T	1,2-Dichloropropane	10.000	11.531	-15.3	117	0.00
46	T	1,4-Dioxane	200.000	181.551	9.2	100	0.00
47	T	Bromodichloromethane	10.000	10.546	-5.5	107	0.00
48	T	Dibromomethane	10.000	10.031	-0.3	104	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-12.86#
50	T	4-Methyl-2-pentanone	50.000	60.954	-21.9#	127	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.859	1.4	100	0.00
52	S	Toluene-d8	10.000	11.033	-10.3	113	0.00
53	CMT	Toluene	10.000	10.120	-1.2	102	0.00
54	T	Ethyl methacrylate	10.000	9.844	1.6	100	0.00
55	T	trans-1,3-Dichloropropene	10.000	9.496	5.0	97	0.00
56	T	2-Hexanone	50.000	58.261	-16.5	122	0.00
57	T	1,1,2-Trichloroethane	10.000	10.332	-3.3	108	0.00
58	T	1,3-Dichloropropane	10.000	10.736	-7.4	111	0.00
59	T	Tetrachloroethene	10.000	8.321	16.8	83	0.00
60	T	Dibromochloromethane	10.000	9.234	7.7	95	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	9.439	5.6	99	0.00
63	T	1-Chlorohexane	10.000	9.721	2.8	95	0.00
64	PM	Chlorobenzene	10.000	9.834	1.7	99	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	9.558	4.4	96	0.00
66	C,T	Ethylbenzene	10.000	10.477	-4.8	102	0.00
67	T	m-Xylene & p-Xylene	20.000	20.573	-2.9	102	0.00
68	T	o-Xylene	10.000	10.395	-3.9	102	0.00
69	T	Styrene	10.000	10.125	-1.3	99	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	93	0.00
71	T	Isopropylbenzene	10.000	11.159	-11.6	99	0.00
72	P,T	Bromoform	10.000	9.146	8.5	85	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	11.422	-14.2	108	0.00
74	S	4-Bromofluorobenzene	10.000	11.650	-16.5	111	0.00
75	T	1,2,3-Trichloropropane	10.000	10.540	-5.4	100	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	9.731	2.7	92	0.00
77	T	n-Propylbenzene	10.000	11.555	-15.5	102	0.00
78	T	Bromobenzene	10.000	9.535	4.6	89	0.00
79	T	1,3,5-Trimethylbenzene	10.000	11.094	-10.9	98	0.00
80	T	2-Chlorotoluene	10.000	10.665	-6.6	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CVO06F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	12.693	-26.9#	123	0.00
82	T	tert-Butylbenzene	10.000	10.600	-6.0	94	0.00
83	T	1,2,4-Trimethylbenzene	10.000	11.041	-10.4	97	0.00
84	T	sec-Butylbenzene	10.000	11.321	-13.2	98	0.00
85	T	p-Isopropyltoluene	10.000	10.872	-8.7	94	0.00
86	T	1,3-Dichlorobenzene	10.000	10.120	-1.2	90	0.00
87	T	1,4-Dichlorobenzene	10.000	9.780	2.2	88	0.00
88	T	Benzyl chloride	10.000	6.485	35.1#	60	0.00
89	T	n-Butylbenzene	10.000	11.336	-13.4	96	0.00
90	T	1,2-Dichlorobenzene	10.000	10.003	-0.0	91	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.324	16.8	81	0.00
92	T	1,2,4-Trichlorobenzene	10.000	8.851	11.5	79	0.00
93	T	Hexachlorobutadiene	10.000	9.265	7.3	80	0.00
94	T	Naphthalene	10.000	8.515	14.8	81	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.724	12.8	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CV006F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	109	0.00
2	T	Dichlorodifluoromethane	0.299	0.267	10.7	96	0.00
3	P,T	Chloromethane	0.317	0.302	4.7	105	0.00
4	C,T	Vinyl chloride	0.206	0.193	6.3	100	0.02
5	T	Bromomethane	0.171	0.172	-0.6	106	0.00
6	T	Chloroethane	0.120	0.131	-9.2	116	0.00
7	T	Dichlorofluoromethane	0.385	0.368	4.4	101	0.00
8	T	Trichlorofluoromethane	0.285	0.269	5.6	99	0.00
9	T	Acrolein	0.015	0.006	60.0#	44#	0.00
10	T	Acetone	0.032	0.032	0.0	124	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.177	0.148	16.4	90	0.00
12	CMT	1,1-Dichloroethene	0.442	0.429	2.9	103	0.00
13	T	tert-Butyl alcohol	0.016	0.012	25.0#	83	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.086	0.000	100.0#	0#	-6.52#
16	T	Iodomethane	0.522	0.442	15.3	91	0.02
17	T	Methylene chloride	0.368	0.397	-7.9	119	0.02
18	T	Acrylonitrile	0.036	0.041	-13.9	124	0.00
19	T	Carbon disulfide	0.859	0.701	18.4	88	0.02
20	T	tert-Butyl methyl ether (MT	0.295	0.223	24.4#	85	0.00
21	T	trans-1,2-Dichloroethene	0.429	0.421	1.9	105	0.00
22	T	Isopropyl ether (DIPE)	0.975	1.035	-6.2	115	0.00
23	T	Vinyl acetate	0.311	0.262	15.8	92	0.00
24	P,T	1,1-Dichloroethane	0.521	0.560	-7.5	115	0.00
25	T	2-Butanol	0.009	0.000	100.0#	0#	-8.51#
26	T	tert-Butyl ethyl ether (ETB	0.413	0.234	43.3#	64	0.00
27	T	2-Butanone	0.060	0.064	-6.7	125	0.00
28	T	2,2-Dichloropropane	0.260	0.200	23.1#	81	0.00
29	T	cis-1,2-Dichloroethene	0.327	0.328	-0.3	108	0.00
30	C,T	Chloroform	0.514	0.531	-3.3	112	0.00
31	T	Bromochloromethane	0.243	0.266	-9.5	120	0.00
32	T	Tetrahydrofuran	0.038	0.035	7.9	102	0.00
33	S	Dibromofluoromethane	0.328	0.339	-3.4	114	0.00
34	T	1,1,1-Trichloroethane	0.404	0.358	11.4	95	0.00
35	T	Cyclohexane	0.502	0.000	100.0#	0#	-10.21#
36	T	tert-Amyl methyl ether (TAM	0.060	0.031	48.3#	59	0.00
37	S	1,2-Dichloroethane-d4	0.237	0.260	-9.7	122	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	104	0.00
39	T	1,1-Dichloropropene	0.147	0.136	7.5	95	0.00
40	T	Carbon tetrachloride	0.347	0.308	11.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CVO06F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.270	0.281	-4.1	109	0.00
42	TM	Benzene	1.158	1.238	-6.9	109	0.00
43	TM	Trichloroethene	0.348	0.325	6.6	95	0.00
44	T	Methylcyclohexane	0.434	0.000	100.0#	0#	-11.93#
45	C,T	1,2-Dichloropropane	0.312	0.360	-15.4	117	0.00
46	T	1,4-Dioxane	0.001	0.001	0.0	100	0.00
47	T	Bromodichloromethane	0.372	0.392	-5.4	107	0.00
48	T	Dibromomethane	0.147	0.147	0.0	104	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-12.86#
50	T	4-Methyl-2-pentanone	0.160	0.194	-21.3#	127	0.00
51	T	cis-1,3-Dichloropropene	0.443	0.437	1.4	100	0.00
52	S	Toluene-d8	1.166	1.286	-10.3	113	0.00
53	CMT	Toluene	1.307	1.322	-1.1	102	0.00
54	T	Ethyl methacrylate	0.231	0.228	1.3	100	0.00
55	T	trans-1,3-Dichloropropene	0.317	0.301	5.0	97	0.00
56	T	2-Hexanone	0.111	0.129	-16.2	122	0.00
57	T	1,1,2-Trichloroethane	0.184	0.190	-3.3	108	0.00
58	T	1,3-Dichloropropane	0.350	0.375	-7.1	111	0.00
59	T	Tetrachloroethene	0.299	0.249	16.7	83	0.00
60	T	Dibromochloromethane	0.249	0.230	7.6	95	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.203	0.191	5.9	99	0.00
63	T	1-Chlorohexane	0.575	0.559	2.8	95	0.00
64	PM	Chlorobenzene	0.892	0.877	1.7	99	0.00
65	T	1,1,1,2-Tetrachloroethane	0.276	0.263	4.7	96	0.00
66	C,T	Ethylbenzene	1.510	1.582	-4.8	102	0.00
67	T	m-Xylene & p-Xylene	1.129	1.162	-2.9	102	0.00
68	T	o-Xylene	1.198	1.245	-3.9	102	0.00
69	T	Styrene	0.907	0.919	-1.3	99	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	93	0.00
71	T	Isopropylbenzene	3.915	4.369	-11.6	99	0.00
72	P,T	Bromoform	0.348	0.318	8.6	85	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.608	0.695	-14.3	108	0.00
74	S	4-Bromofluorobenzene	1.107	1.290	-16.5	111	0.00
75	T	1,2,3-Trichloropropane	0.139	0.147	-5.8	100	0.00
76	T	trans-1,4-Dichloro-2-butene	0.125	0.122	2.4	92	0.00
77	T	n-Propylbenzene	5.159	5.961	-15.5	102	0.00
78	T	Bromobenzene	0.910	0.868	4.6	89	0.00
79	T	1,3,5-Trimethylbenzene	3.115	3.456	-10.9	98	0.00
80	T	2-Chlorotoluene	3.190	3.402	-6.6	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G07\RGW118.D Vial: 2
Acq On : 8 Jul 2010 12:13 am Operator: SD
Sample : CVO06F1729 Inst : TO06
Misc : 10ppb 8260/50ppb KET-ACL-TBA/60ppb ACN Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06F17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Tue Jun 22 07:44:16 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.342	2.973	-26.9#	123	0.00
82	T	tert-Butylbenzene	0.728	0.772	-6.0	94	0.00
83	T	1,2,4-Trimethylbenzene	3.056	3.374	-10.4	97	0.00
84	T	sec-Butylbenzene	4.387	4.966	-13.2	98	0.00
85	T	p-Isopropyltoluene	3.355	3.647	-8.7	94	0.00
86	T	1,3-Dichlorobenzene	1.820	1.842	-1.2	90	0.00
87	T	1,4-Dichlorobenzene	1.759	1.720	2.2	88	0.00
88	T	Benzyl chloride	0.681	0.442	35.1#	60	0.00
89	T	n-Butylbenzene	3.535	4.008	-13.4	96	0.00
90	T	1,2-Dichlorobenzene	1.488	1.488	0.0	91	0.00
91	T	1,2-Dibromo-3-chloropropane	0.087	0.072	17.2	81	0.00
92	T	1,2,4-Trichlorobenzene	0.917	0.812	11.5	79	0.00
93	T	Hexachlorobutadiene	0.626	0.580	7.3	80	0.00
94	T	Naphthalene	1.118	0.952	14.8	81	0.00
95	T	1,2,3-Trichlorobenzene	0.673	0.587	12.8	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 7/6/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH CV006F17

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O_2	Matrix S	Notes
01	RGW063	RFR06604	5ml					10:35am
02	064	CV006F1726	5ml/pk					
03	065	V006G04L						
04	066	C						
05	067	RINS	25ml					
06	068	V006G04R						
07	069	10F005-12N		1.0	23	25		
08	070	10F354-031	50ml	500				
09	071	-041						
10	072	10G020-10	25ml	1.0				
11	073	-01						
12	074	-02						
13	075	-03						RR, c/o?
14	076	-04						
15	077	-05						
16	078	-06						RR, c/o?
17	079	-07						
18	080	-08						RR, c/o?
19	081	-09						8:57pm
20	082-084	RINS						
21								
22								
23								
24								
25								end 7/7/10

Instrument No.	D6
INITIAL CALIBRATION REFERENCE	
DATE	6/17/10
ICAL ID	V006F17

STANDARDS

NAME	ID	CONC (ug/L)
DCC	CV1-15-95-2	
DCC	-86-3	
DCC	-100-3	
BFB	-87-2	50/250
IS/SURR	-99-1	
LCS	-92-3	
LCS	-99-3	
LCS	-92-2	
SOLVENT	ID	
METHANOL		
DATA FILE	10606	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T008	

Comments:

Analyzed By: GY

Date Disposed: 7/7/10

Disposed By: GY

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 7/7/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl_2	Matrix S	Notes
01		RW096	RFB06606	5ml			(ppm)		11:26am
02		097	CV006F1728	5/5/1pm					
03		098	V006R066						
04		099	C						
05		100	RINSE	25ml					
06		101	V006G06B						
07		102	106018-04R		1.0	12	15		
08		103	-05R						
09		104	-01R						
10		105	-03R						
11		106	-02R						
12		107	106020-03R						
13		108	-06R						
14		109	-08R						
15		110	-04T	1.5ml	50				
16		111	-05T	1.5ml	50				
17		112	RINSE						
18		113	106037-01	5ml	1.0	12	15		9:27pm
19		114-116	RINSE						
20									
21									
22									
23									
24									
25									gd 7/8/10

BATCH CV006F1728

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	6/17/10
ICAL ID	V006F17
STANDARDS	
NAME	ID
DCC	601-15-95-2
DCC	-86-3
DCC	-100-3
BFB	-87-2
IS/SURR.	-99-1
LCS	-92-3
LCS	-99-3
LCS	-92-2
SOLVENT	ID
METHANOL	
DATA FILE	10687
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comment:

Analyzed By: gd

Date Digested: 7/8/10

Digested By: gd

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 7/7/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH CV006F1729

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O_2 (ppm)	Matrix S	Notes
01		RG0117	QF806607	2ml					11:09pm
02		118	CV006F1729	std/pm					
03		119	V006F07L						
04		120	C						
05		121	QL058	25ml					
06		122	V006F07Q						
07		123	106028-01T	0.5ml	50	12	15		
08		124	-01	0.25ml	100				
09		125	-02T						
10		126	-02	5ml	500				
11		127	-05	0.25ml	100				
12		128	-07T						
13		129	-07	5ml	500				
14		130	-09T	0.5ml	50				
15		131	-09	0.10ml	250				7:17am
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									rd 7/8/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	6/17/10
ICAL ID	V006F17

STANDARDS

NAME	ID	CONC (ug/L)
DCC	011-15-95-2	
DCC	-86-3	
DCC	-100-3	
BFB	-87-2	50
IS/SURR	-99-1	250
LCS	-92-3	
LCS	-99-3	
LCS	-92-2	

SOLVENT	ID
METHANOL	
DATA FILE	10607

Electronic Data Archival

Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: [illegible]

Date Disposed: 7/8/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 6/17/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -043

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RFW307	RW8060F20	9.6	N/A	N/A		9:44pm
02	038	V006F16					
03	039	4					0.5 / 2.5 / 5.0
04	040	3					1.0 / 5.0 / 10.0
05	041	4					0.5 / 1.0 / 1.2
06	042	5					5.0 / 25 / 50
07	043	6					10 / 50 / 60
08	044	7					20 / 100 / 120
09	045	8					20 / 100 / 120
10	046	9					40 / 200 / 240
11	047	10					50 / 250 / 300
12	048	11					100 / 500 / 600
13	049	RC/SS					
14	050	V006F20B					
15	051	V006F17B1					10 / 50 / 60
16	052	02					
17	053	RINSE					7:06pm
18							
19							
20							
21							
22							
23							
24							
25							6/18/10

BATCH V006F17B

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	6/17/10
ICAL ID	V006F17

STANDARDS

NAME	ID	CONC. (ug/L)
DOC KET-ACL	001-15-95-2	250
DOC	-23-3	50/250
DOC GAREF	-100-2 / -99-1	250 / 250/250
BFB	-87-2	50
ISSURR 1,2 / 3,4	-91-1 / -91-2	250 / 250
LCS KET-ACL	-95-3	250
LCS	-99-3	50/250
LCS GAREF	-92-2 / -12-2	250 / 50/250

SOLVENT	ID
METHANOL	
DATA FILE	10F17

Electronic Data Archived

Location	Date
MPCHEM_VOA/T006	

Comments:

Analyzed By: G.d

Date Disposed: 6/18/10

Disposed By: G.d

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10G020

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G020

METHOD RSK-175
DISSOLVED GASES

A total of nine (9) water samples were received on 07/01/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for DGG002WL/C were all within QC limits.
Percent recoveries for DGG003WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, LR SITE 70.

SDG NO. : 10G020
Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGG002WB	1	NA	07/06/1011:22	07/06/1010:00	FG06003A	FG06002A	DGG002W	Method Blank
LCS1W	DGG002WL	1	NA	07/06/1011:38	07/06/1010:00	FG06004A	FG06002A	DGG002W	Lab Control Sample (LCS)
LCD1W	DGG002WC	1	NA	07/06/1011:56	07/06/1010:00	FG06005A	FG06002A	DGG002W	LCS Duplicate
MBLK2W	DGG003WB	1	NA	07/07/1011:29	07/07/1010:00	FG07003A	FG07002A	DGG003W	Method Blank
LCS2W	DGG003WL	1	NA	07/07/1011:32	07/07/1010:00	FG07004A	FG07002A	DGG003W	Lab Control Sample (LCS)
LCD2W	DGG003WC	1	NA	07/07/1011:48	07/07/1010:00	FG07005A	FG07002A	DGG003W	LCS Duplicate
MW-70-PMW04A-P12	G020-01	1	NA	07/06/1012:17	07/06/1010:00	FG06006A	FG06002A	DGG002W	Field Sample
MW-70-PMW04A-P12DL	G020-01T	1000 ✓	NA	07/06/1013:36	07/06/1010:00	FG06011A	FG06002A	DGG002W	Diluted Sample
MW-70-PMW04B-P12	G020-02	1	NA	07/06/1012:32	07/06/1010:00	FG06007A	FG06002A	DGG002W	Field Sample
MW-70-PMW05A-P12	G020-03	1	NA	07/06/1012:45	07/06/1010:00	FG06008A	FG06002A	DGG002W	Field Sample
MW-70-PMW05A-P12DL	G020-03T	1000 ✓	NA	07/06/1013:50	07/06/1010:00	FG06012A	FG06002A	DGG002W	Diluted Sample
MW-70-PMW05B-P12	G020-04	1	NA	07/06/1013:01	07/06/1010:00	FG06009A	FG06002A	DGG002W	Field Sample
MW-70-PMW05B-P12DL	G020-04T	400 ✓	NA	07/06/1016:54	07/06/1010:00	FG06024A	FG06013A	DGG002W ✓	Diluted Sample
IW-70-FSB10B-P12	G020-05	1	NA	07/06/1013:15	07/06/1010:00	FG06010A	FG06002A	DGG002W	Field Sample
IW-70-FSB10B-P12DL	G020-05T	400 ✓	NA	07/06/1017:43	07/06/1010:00	FG06028A	FG06025A	DGG002W	Diluted Sample
IW-70-FSB11B-P12	G020-06	1	NA	07/07/1012:02	07/07/1010:00	FG07006A	FG07002A	DGG003W	Field Sample
IW-70-FSB11B-P12DL	G020-06T	1000 ✓	NA	07/07/1013:14	07/07/1010:00	FG07011A	FG07002A	DGG003W	Diluted Sample
MW-70-PMW09-P12	G020-07	1	NA	07/07/1012:17	07/07/1010:00	FG07007A	FG07002A	DGG003W	Field Sample
DW-70-SHB113-P12	G020-08	1	NA	07/07/1012:31	07/07/1010:00	FG07008A	FG07002A	DGG003W ✓	Field Sample
DW-70-SHB113-P12DL	G020-08T	2 ✓	NA	07/07/1012:45	07/07/1010:00	FG07009A	FG07002A	DGG003W	Diluted Sample
DW-70-SHB113-P12DL	G020-08T	1000 ✓	NA	07/07/1014:58	07/07/1010:00	FG07016A	FG07012A ✓	DGG003W	Diluted Sample
MW-70-PMW10-P12	G020-09	1	NA	07/07/1013:00	07/07/1010:00	FG07010A	FG07002A	DGG003W	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW04A-P12	Date Analyzed:	07/06/10 12:17
Lab Samp ID:	G020-01	Dilution Factor:	1
Lab File ID:	FG06006A	Matrix	: WATER
Ext Btch ID:	DCG002W	% Moisture	: NA
Calib. Ref.:	FG06002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	9.5	2.0	0.60
METHANE	510E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW04A-P120L	Date Analyzed:	07/06/10 13:36
Lab Samp ID:	G020-01T	Dilution Factor:	1000
Lab File ID:	FG06011A	Matrix	: WATER
Ext Btch ID:	DGG002W	% Moisture	: NA
Calib. Ref.:	FG06002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	12000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 106020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW04B-P12	Date Analyzed:	07/06/10 12:32
Lab Samp ID:	G020-02	Dilution Factor:	1
Lab File ID:	FG0600/A	Matrix	: WATER
Ext Btch ID:	DGG002W	% Moisture	: NA
Calib. Ref.:	FG06002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.6J	2.0	0.60
METHANE	21	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G02D	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW05A-P12	Date Analyzed:	07/06/10 12:45
Lab Samp ID:	G020-03	Dilution Factor:	1
Lab File ID:	FG06008A	Matrix	: WATER
Ext Batch ID:	DGG002W	% Moisture	: NA
Calib. Ref.:	FG06002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	32	2.0	0.60
METHANE	640E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 106020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW05A-P12DL	Date Analyzed:	07/06/10 13:50
Lab Samp ID:	G020-03T	Dilution Factor:	1000
Lab File ID:	FG06012A	Matrix :	WATER
Ext Btch ID:	DGG002W	% Moisture :	NA
Calib. Ref.:	FG06002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	17000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW05B-P12	Date Analyzed:	07/06/10 13:01
Lab Samp ID:	G020-04	Dilution Factor:	1
Lab File ID:	FG06009A	Matrix	: WATER
Ext Btch ID:	DGG002W	% Moisture	: NA
Calib. Ref.:	FG06002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	19	2.0	0.60
METHANE	330E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR STTF 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/06/10 10:00
Sample ID:	MW-70-PMW05B-P120L	Date Analyzed:	07/06/10 16:54
Lab Samp ID:	G020-04T	Dilution Factor:	400
Lab File ID:	FG06024A	Matrix	: WATER
Ext Batch ID:	DGG002W	% Moisture	: NA
Calib. Ref.:	FG06015A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	3600	800	240

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT ECC, INC.	Date Collected: 06/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/01/10
Batch No. : 10G020	Date Extracted: 07/06/10 10:00
Sample ID: IW-70-FS6108-P12	Date Analyzed: 07/06/10 13:15
Lab Samp ID: G020 05	Dilution Factor: 1
Lab File ID: FG06010A	Matrix : WATER
Ext Btch ID: DGG002W	% Moisture : NA
Calib. Ref.: FG06002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	1.4J	2.0	0.60
ETHENE	1.3J	2.0	0.60
METHANE	370E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/06/10 10:00
Sample ID:	IW-70-FSB108-P120L	Date Analyzed:	07/06/10 17:43
Lab Samp ID:	G020-05T	Dilution Factor:	400
Lab File ID:	FG06028A	Matrix	: WATER
Ext Batch ID:	DG0002W	% Moisture	: NA
Calib. Ref.:	FG06025A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	6200	800	240

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 06/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/01/10
Batch No. : 10G020	Date Extracted: 07/07/10 10:00
Sample ID: IW-70-FSB118-P12	Date Analyzed: 07/07/10 12:02
Lab Samp ID: G020-06	Dilution Factor: 1
Lab File ID: FG07006A	Matrix : WATER
Ext Btch ID: DGG003W	% Moisture : NA
Calib. Ref.: FG07002A	Instrument ID : GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	4.6	2.0	0.60
METHANE	540E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	06/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G070	Date Extracted:	07/07/10 10:00
Sample ID:	1W-70-FSR118-P12DL	Date Analyzed:	07/07/10 13:14
Lab Samp ID:	G020-06T	Dilution Factor:	1000
Lab File ID:	FG07011A	Matrix :	WATER
Ext Btch ID:	DGG003W	% Moisture :	NA
Calib. Ref.:	FG07002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 10:00
Sample ID:	MW-70-PMW09-P12	Date Analyzed:	07/07/10 12:17
Lab Samp ID:	G070-07	Dilution Factor:	1
Lab File ID:	FG07007A	Matrix	: WATER
Ext Btch ID:	DGG003W	% Moisture	: NA
Calib. Ref.:	FG07002A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.5J	2.0	0.60
METHANE	22	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/07/10 10:00
Sample ID:	IW-70-SHB113-P12	Date Analyzed:	07/07/10 12:31
Lab Samp ID:	G020-08	Dilution Factor:	1
Lab File ID:	FG07008A	Matrix :	WATER
Ext Btch ID:	DGG003W	% Moisture :	NA
Calib. Ref.:	FG07002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	1.3J	2.0	0.60
ETHENE	120E	2.0	0.60
METHANE	590E	2.0	0.60

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 07/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/01/10
Batch No. : 10G020	Date Extracted: 07/07/10 10:00
Sample ID: IW-70-SHB113-P12DL	Date Analyzed: 07/07/10 12:45
Lab Samp ID: G020-08T	Dilution Factor: 2
Lab File ID: FG07009A	Matrix : WATER
Ext Batch ID: DG0003W	% Moisture : NA
Calib. Ref.: FG07002A	Instrument ID : GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	4.0	1.2
ETHENE	120	4.0	1.2
METHANE	830E	4.0	1.2

E: Exceeded calibration range

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 100020	Date Extracted:	07/07/10 10:00
Sample ID:	IW-70-SHB113-P12DL	Date Analyzed:	07/07/10 14:58
Lab Samp ID:	G020-08I	Dilution Factor:	1000
Lab File ID:	FG07016A	Matrix :	WATER
Ext Batch ID:	DGG003W	% Moisture :	NA
Calib. Ref.:	FG07012A	Instrument ID :	GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT GEC, INC.	Date Collected:	07/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/01/10
Batch No.	: 10G020	Date Extracted:	07/07/10 10:00
Sample ID:	MW-70-PMW10-P12	Date Analyzed:	07/07/10 13:00
Lab Samp ID:	G020-09	Dilution Factor:	1
Lab File ID:	FG07010A	Matrix	: WATER
Ext Btch ID:	DGG003W	% Moisture	: NA
Calib. Ref.:	FG07002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	0.79J	2.0	0.60
ETHENE	1.4J	2.0	0.60
METHANE	27	2.0	0.60

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT ECC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/06/10
Batch No. : 100020	Date Extracted: 07/06/10 10:00
Sample ID: MBLK1W	Date Analyzed: 07/06/10 11:22
Lab Samp ID: DGG002WB	Dilution Factor: 1
Lab File ID: FG06003A	Matrix : WATER
Ext Batch ID: DGG002W	% Moisture : NA
Calib. Ref.: FG06002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G020
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: DGG002WB DGG002WL DGG002WC
LAB FILE ID: FG06003A FG06004A FG06005A
DATE EXTRACTED: 07/06/1010:00 07/06/1010:00 07/06/1010:00 DATE COLLECTED: NA
DATE ANALYZED: 07/06/1011:22 07/06/1011:38 07/06/1011:56 DATE RECEIVED: 07/06/10
PREP. BATCH: DGG002W DGG002W DGG002W
CALIB. REF: FG06002A FG06002A FG06002A

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	25.7	101	25.4	25.6	101	0	70-140	30
Ethene	ND	23.7	24.0	101	23.7	23.9	101	1	70-140	30
Methane	ND	13.6	13.2	97	13.6	13.1	97	0	70-130	30

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 07/07/10
Batch No. : 10C020	Date Extracted: 07/07/10 10:00
Sample ID: NBLK2W	Date Analyzed: 07/07/10 11:20
Lab Samp ID: DCG003WB	Dilution Factor: 1
Lab File ID: FG07003A	Matrix : WATER
Ext Btch ID: DCG003W	% Moisture : NA
Calib. Ref.: FG07002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	(ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100020
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	DGG003WB	DGG003WL	DGG003WC		
LAB FILE ID:	FG07003A	FG07004A	FG07005A		
DATE EXTRACTED:	07/07/1010:00	07/07/1010:00	07/07/1010:00	DATE COLLECTED:	NA
DATE ANALYZED:	07/07/1011:20	07/07/1011:32	07/07/1011:48	DATE RECEIVED:	07/07/10
PREP. BATCH:	DGG003W	DGG003W	DGG003W		
CALIB. REF:	FG07002A	FG07002A	FG07002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	25.6	101	25.4	25.5	100	0	70-140	30
Ethene	ND	23.7	23.9	101	23.7	23.6	99	2	70-140	30
Methane	ND	13.6	13.1	96	13.6	12.9	95	2	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTO1D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

OG10F08.MET

AS
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

L ab Name : EMAX Inc
I nstrument ID : GCT010
G C Column : CARBOXEN 1006PLOT
C olumn size ID : 30MX0.53MN
M id Conc Init LFID & Datetime: FFU8005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FFD8008A 06/08/2010 12:39
C ONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.5	28066.5	954434	34.01	-9		15

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06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC7010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXO.53MM
Mid Conc Init LFID & Datetime: FF080005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FG060002A 07/06/2010 11:05
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.067	1.038	1.096	13.6	29810.9	418510	14.04	4		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	442942	24.54	3		15
Ethane	3.075	3.025	3.125	25.4	26515.2	707163	26.67	5		15
Propane	5.950	5.863	6.037	37.3	28066.5	1127603	40.18	8		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FG06013A 07/06/2010 14:05
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	416799	13.98	3		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	441264	24.45	5		15
Ethane	3.083	3.033	3.133	25.4	26515.2	699066	26.36	4		15
Propane	5.958	5.871	6.045	37.3	28066.5	1067400	38.03	2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mfd Conc Init LFID & Datetime: FFD8005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FCD6025A 07/06/2010 17:07
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	391699	13.14	-3		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	416405	23.07	-3		15
Ethane	3.083	3.033	3.133	25.4	26515.2	653542	24.65	-3		15
Propane	5.942	5.855	6.029	37.5	28066.5	1020866	36.37	-2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : GMAX Inc
Instrument ID : GC7010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FG06029A 07/06/2010 17:54
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	391579	13.14	-3		15
Ethylene	2.658	2.607	2.709	23.7	18047.8	435467	24.13	2		15
Ethane	3.092	3.042	3.142	25.4	26515.2	683629	25.78	1		15
Propane	5.967	5.880	6.054	37.3	28066.5	1096797	39.08	5		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Std Conc Init LFID & Datetime: FF080005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FG070002A 07/07/2010 11:05
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.067	1.038	1.096	13.6	29810.9	408972	13.72	1		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	436717	24.20	2		15
Ethane	3.075	3.025	3.125	25.4	26515.2	684885	25.83	2		15
Propane	5.942	5.855	6.029	37.3	28066.5	1133060	40.37	8		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXO.53MM
Mid Conc Init LFID & Datetime: FF080O5A 06/08/2010 11:59
Conc Cont LFID & Datetime: FG07012A 07/07/2010 13:28
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	OL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	384792	12.91	-5		15
Ethylene	2.658	2.607	2.709	23.7	18047.8	409335	22.68	-4		15
Ethane	3.100	3.050	3.150	25.4	26515.2	638846	24.09	-5		15
Propane	5.975	5.888	6.062	37.3	28066.5	1045341	37.24	-0		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init (FID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont (FID & Datetime: FG07017A 07/07/2010 15:19
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	395269	13.26	-2		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	422463	23.41	1		15
Ethane	3.083	3.033	3.133	25.4	26515.2	668004	25.19	-1		15
Propane	5.958	5.871	6.045	37.3	28066.5	1085343	38.67	4		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc µg/L
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Lubbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: Ff08.seq Data: Ff08.009 - [Batch: ff08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult
1	Unknown	IB10F102	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

FINAL

SC 6/8/10

Start | EZChrom Chromatography | Method: Dg10f08.met | Tuesday, June 08, 2010

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG6002 : 6020, F278

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F606
Method File:	DG10F08
Analytical Batch:	

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DC SSSB-06-29-2	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/E/C_9_DGAS	

Analyzed By: SC

Date: 7/06/10

Disposed By: SC

Date Disposed: 7/06/10

Method: Dg10f08.met Batch: Fg06.seq Data: Fg06.028 [Batch: fg06.seq]

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	Inj Amt	Multiplier
1	Unknown	IB10G224	dg10F08.met	FG06.001	0	100ul	1	0	1
2	Unknown	CDG10F08224	dg10F08.met	FG06.002	0		1	0	1
3	Unknown	DGG002W0	dg10F08.met	FG06.003	0		1	0	1
4	Unknown	DGG002WL	dg10F08.met	FG06.004	0		1	0	1
5	Unknown	DGG002WC	dg10F08.met	FG06.005	0		1	0	1
6	Unknown	10G020-01 RR CHYE	dg10F08.met	FG06.006	0		1	0	1
7	Unknown	10G020-02	dg10F08.met	FG06.007	0		1	0	1
8	Unknown	10G020-03 RR CHYE	dg10F08.met	FG06.008	0		1	0	1
9	Unknown	10G020-04 RR CHYE	dg10F08.met	FG06.009	0		1	0	1
10	Unknown	10G020-05 RR CHYE	dg10F08.met	FG06.010	0		1	0	1
11	Unknown	10G020-01T DF=1000	dg10F08.met	FG06.011	0	2ul (20x)	1	0	1000
12	Unknown	10G020-03T DF=1000	dg10F08.met	FG06.012	0		1	0	1000
13	Unknown	CDG10F08225	dg10F08.met	FG06.013	0	100ul	1	0	1
14	Unknown	10F278-10R	dg10F08.met	FG06.014	0		1	0	1
15	Unknown	10F278-11R	dg10F08.met	FG06.015	0		1	0	1
16	Unknown	10G020-02W Conf. only	dg10F08.met	FG06.016	0		1	0	1
17	Unknown	10F278-03R RR CHYE	dg10F08.met	FG06.017	0		1	0	1
18	Unknown	10F278-04R RR CHYE	dg10F08.met	FG06.018	0		1	0	1
19	Unknown	10F278-08R RR CHYE	dg10F08.met	FG06.019	0		1	0	1
20	Unknown	10F278-09R RR CHYE	dg10F08.met	FG06.020	0		1	0	1
21	Unknown	RINSE	dg10F08.met	FG06.021	0	—	1	0	1
22	Unknown	10F278-03T DF=400	dg10F08.met	FG06.022	0	5ul (20x)	1	0	400
23	Unknown	10F278-04T DF=500	dg10F08.met	FG06.023	0	4ul (20x)	1	0	500
24	Unknown	10G020-04T DF=400	dg10F08.met	FG06.024	0	5ul (20x)	1	0	400
25	Unknown	CDG10F08226	dg10F08.met	FG06.025	0	100ul	1	0	1
26	Unknown	10F278-08T DF=1000	dg10F08.met	FG06.026	0	2ul (20x)	1	0	1000
27	Unknown	10F278-09T DF=1000	dg10F08.met	FG06.027	0		1	0	1000
28	Unknown	10G020-05T DF=400	dg10F08.met	FG06.028	0	5ul (20x)	1	0	400
29	Unknown	CDG10F08227	dg10F08.met	FG06.029	0	100ul	1	0	1
30	Unknown	IB	dg10F08.met	FG06.030	0		1	0	1
31	Unknown	IB	dg10F08.met	FG06.031	0		1	0	1
32	Unknown	IB	dg10F08.met	FG06.032	0		1	0	1
33	Unknown	IB	dg10F08.met	FG06.033	0		1	0	1
34	Unknown	IB	dg10F08.met	FG06.034	0		1	0	1
35	Unknown	IB	dg10F08.met	FG06.035	0		1	0	1

FINAL

SC 7/06/10

Tuesday, July 06, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG6003 : 6020

Book #: A10-021

Instrument No.: 10

Analytical Sequence: FG07

Method File: DG10F08

Analytical Batch: CDG10F08228

SOP #	Rev. #
☐ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SGW-06-29-3	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 7/7/10

Disposed By: SC

Date Disposed: 7/7/10

Method: Dg10f08.met Batch: Fg07.seq Data: Fg07.016 - [Batch: fg07.seq]

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD Amt	Note
1	Unknown	IB10G228	dg10f08.met	FG07.001	0	100ml	1	0	1
2	Unknown	CDG10F08228	dg10f08.met	FG07.002	0		1	0	1
3	Unknown	DGG003WB	dg10f08.met	FG07.003	0		1	0	1
4	Unknown	DGG003WL	dg10f08.met	FG07.004	0		1	0	1
5	Unknown	DGG003WC	dg10f08.met	FG07.005	0		1	0	1
6	Unknown	10G020-06 RL CH4,C2H4,C2H6	dg10f08.met	FG07.006	0		1	0	1
7	Unknown	10G020-07	dg10f08.met	FG07.007	0		1	0	1
8	Unknown	10G020-08 RL CH4,C2H4,C2H6	dg10f08.met	FG07.008	0		1	0	1
9	Unknown	10G020-08T DF=2	dg10f08.met	FG07.009	0	50ml	1	0	2
10	Unknown	10G020-09	dg10f08.met	FG07.010	0	100ml	1	0	1
11	Unknown	10G020-06T DF=1000	dg10f08.met	FG07.011	0	2ml (20%)	1	0	1000
12	Unknown	CDG10F08229	dg10f08.met	FG07.012	0	100ml	1	0	1
13	Unknown	BLANK	dg10f08.met	FG07.013	0	100ml Air	1	0	1
14	Unknown	10G020-07V Conf. only	dg10f08.met	FG07.014	0	100ml	1	0	1
15	Unknown	10G020-09V	dg10f08.met	FG07.015	0		1	0	1
16	Unknown	10G020-08I DF=1000	dg10f08.met	FG07.016	0	2ml (20%)	1	0	1000
17	Unknown	CDG10F08230	dg10f08.met	FG07.017	0	100ml	1	0	1
18	Unknown	IB	dg10f08.met	FG07.018	0		1	0	1
19	Unknown	IB	dg10f08.met	FG07.019	0		1	0	1
20	Unknown	IB	dg10f08.met	FG07.020	0		1	0	1
21	Unknown	IB	dg10f08.met	FG07.021	0		1	0	1
22	Unknown	IB	dg10f08.met	FG07.022	0		1	0	1
23	Unknown	IB	dg10f08.met	FG07.023	0		1	0	1
24	Unknown	IB	dg10f08.met	FG07.024	0		1	0	1
25	Unknown	IB	dg10f08.met	FG07.025	0		1	0	1
26	Unknown	IB	dg10f08.met	FG07.026	0		1	0	1
27	Unknown	IB	dg10f08.met	FG07.027	0		1	0	1
28	Unknown	IB	dg10f08.met	FG07.028	0		1	0	1
29	Unknown	IB	dg10f08.met	FG07.029	0		1	0	1
30	Unknown	IB	dg10f08.met	FG07.030	0		1	0	1
31	Unknown	IB	dg10f08.met	FG07.031	0		1	0	1
32	Unknown	IB	dg10f08.met	FG07.032	0		1	0	1
33	Unknown	IB	dg10f08.met	FG07.033	0		1	0	1
34	Unknown	IB	dg10f08.met	FG07.034	0		1	0	1
35	Unknown	IB	dg10f08.met	FG07.035	0		1	0	1

SC 7/7/10

FINAL

Start | Method: Dg10f | Wednesday, July 07, 2010

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02	↓	↓	↓	
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	DG10F08 01	↓	↓	↓	DGAS ICV
08					
09					
10					
11					
12					
13					
14				SC	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

	ICAL STANDARD		
1) 0.08 ml		+ 3.92 ml	He
2) 0.4 ml		+ 3.6 ml	
3) 1.0 ml		+ 3.0 ml	
4) 1.6 ml		+ 2.4 ml	
5) 3.0 ml		+ 1.0 ml	
6) 4.0 ml	↓	+ 0.0 ml	↓

Prepared By: SC

Standard Added By: SC

EMAX Laboratories, Inc.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: 7/6/10 Time: 10:00 End Date: 7/6/10 Time: 11:20

PREPARATION BATCH # DG6002

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG6002 WB	39	4	N/A	
02	L				
03	C				
04	10G020-01			<2	
05	-02				
06	-03				
07	-04				
08	-05				
09	10F278-03R			<2	
10	-04R				
11	-08R				
12	-09R				
13	-10R				
14	-11R				
15	10G020-06			<2	SC 7/6/10
16					
17					
18					
19					SC 7/06/10
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-S	1600

Reagent	Lot# / ID
H_2O	Organic free
Hg	unl 1046

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: 7/7/10 Time: 10:00 End Date: 7/7/10 Time: 11:00

PREPARATION BATCH # DG6003

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG6003W B	39	4	N/A	
02	L				
03	C				
04	10G020 - 06			<2	
05	-07				
06	-08				
07	-09				
08					
09					
10					
11					
12					
13					
14					SC 7/7/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSS4-05-01-S	1600

Reagent	Lot# / ID
H_2O	Organic Free
He	UHP 1046

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10G020

CASE NARRATIVE

Client : TWRIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G020

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of nine (9) water samples were received on 07/01/10 for Organic Acids (Acetate, Bucyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCG001WL/C were all within QC limits.
Percent recoveries for HCG002WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recovery for G020-01M was within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 100020

Matrix : WATER
Instrument ID : 5106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCG001WB	ND	1	NA	1.00	0.500	07/06/1018:42	NA	HG08003	HG08001	HCG001W	NA	NA
LCS1W	HCG001WL	19.1	1	NA	1.00	0.500	07/06/1019:03	NA	HG08004	HG08001	HCG001W	NA	NA
LCD1W	HCG001WC	19.3	1	NA	1.00	0.500	07/06/1019:24	NA	HG08005	HG08001	HCG001W	NA	NA
MW-70-PMW04A-P12	G020-01	ND	1	NA	1.00	0.500	07/06/1021:57	NA	HG08008	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12DUP	G020-01D	ND	1	NA	1.00	0.500	07/06/1023:05	NA	HG08009	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12MS	G020-01M	9.20	1	NA	1.00	0.500	07/07/1000:09	NA	HG08010	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04B-P12	G020-02	ND	1	NA	1.00	0.500	07/07/1001:15	NA	HG08011	HG08001	HCG001W	06/30/1009:16	07/01/10
MW-70-PMW05A-P12	G020-03	0.610J	1	NA	1.00	0.500	07/07/1003:23	NA	HG08015	HG08013	HCG001W	06/30/1009:52	07/01/10
MW-70-PMW05B-P12	G020-04	4.01	1	NA	1.00	0.500	07/07/1004:29	NA	HG08016	HG08013	HCG001W	06/30/1010:39	07/01/10
IW-70-FS8108-P12	G020-05	11.3	1	NA	1.00	0.500	07/07/1005:35	NA	HG08017	HG08013	HCG001W	06/30/1011:30	07/01/10
IW-70-FS8118-P12	G020-06	30.0	1	NA	1.00	0.500	07/07/1006:41	NA	HG08018	HG08013	HCG001W	06/30/1014:21	07/01/10
MW-70-PMW09-P12	G020-07	ND	1	NA	1.00	0.500	07/07/1007:47	NA	HG08019	HG08013	HCG001W	07/01/1008:51	07/01/10
MW-70-PMW10-P12	G020-09	3.42	1	NA	1.00	0.500	07/07/1009:59	NA	HG08021	HG08013	HCG001W	07/01/1010:00	07/01/10
MBLK2W	HCG002WB	ND	1	NA	1.00	0.500	07/07/1018:06	NA	HG09003	HG09001	HCG002W	NA	NA
LCS2W	HCG002WL	20.0	1	NA	1.00	0.500	07/07/1018:25	NA	HG09004	HG09001	HCG002W	NA	NA
LCD2W	HCG002WC	20.0	1	NA	1.00	0.500	07/07/1018:46	NA	HG09005	HG09001	HCG002W	NA	NA
IW-70-SHB113-P12	G020-08L	248	10	NA	10.0	5.00	07/07/1021:19	NA	HG09008	HG09001	HCG002W	07/01/1009:22	07/01/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 106020

Matrix : WATER
Instrument ID : 7106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DILF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCG001WB	ND	1	NA	1.00	0.500	07/06/1018:42	NA	HG08003	HG08001	HCG001W	NA	NA
LCS1W	HCG001WL	18.3	1	NA	1.00	0.500	07/06/1019:03	NA	HG08004	HG08001	HCG001W	NA	NA
LCD1W	HCG001WC	18.4	1	NA	1.00	0.500	07/06/1019:24	NA	HG08005	HG08001	HCG001W	NA	NA
MW-70-PMW04A-P12	G020-01	ND	1	NA	1.00	0.500	07/06/1021:57	NA	HG08008	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12DUP	G020-01D	ND	1	NA	1.00	0.500	07/06/1023:03	NA	HG08009	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12MS	G020-01M	11.4	1	NA	1.00	0.500	07/07/1000:09	NA	HG08010	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04B-P12	G020-02	ND	1	NA	1.00	0.500	07/07/1001:15	NA	HG08011	HG08001	HCG001W	06/30/1009:16	07/01/10
MW-70-PMW05A-P12	G020-03	ND	1	NA	1.00	0.500	07/07/1003:23	NA	HG08015	HG08013	HCG001W	06/30/1009:52	07/01/10
MW-70-PMW05B-P12	G020-04	ND	1	NA	1.00	0.500	07/07/1004:29	NA	HG08016	HG08013	HCG001W	06/30/1010:39	07/01/10
IW-70-FSB108-P12	G020-05	ND	1	NA	1.00	0.500	07/07/1005:35	NA	HG08017	HG08013	HCG001W	06/30/1011:30	07/01/10
IW-70-FSB118-P12	G020-06	ND	1	NA	1.00	0.500	07/07/1006:41	NA	HG08018	HG08013	HCG001W	06/30/1014:21	07/01/10
MW-70-PMW09-P12	G020-07	ND	1	NA	1.00	0.500	07/07/1007:47	NA	HG08019	HG08013	HCG001W	07/01/1008:51	07/01/10
IW-70-SHB113-P12	G020-08	5.89	1	NA	1.00	0.500	07/07/1008:53	NA	HG08020	HG08013	HCG001W	07/01/1009:22	07/01/10
MW-70-PMW10-P12	G020-09	ND	1	NA	1.00	0.500	07/07/1009:59	NA	HG08021	HG08013	HCG001W	07/01/1010:00	07/01/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10G020

Matrix : WATER
Instrument ID : T106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCG001WB	ND	1	NA	1.00	0.500	07/06/1018:42	NA	HG08003	HG08001	HCG001W	NA	NA
LCS1W	HCG001WL	19.9	1	NA	1.00	0.500	07/06/1019:03	NA	HG08004	HG08001	HCG001W	NA	NA
LCD1W	HCG001WC	20.2	1	NA	1.00	0.500	07/06/1019:24	NA	HG08005	HG08001	HCG001W	NA	NA
MW-70-PMW04A-P12	G020-01	ND	1	NA	1.00	0.500	07/06/1021:57	NA	HG08008	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12DUP	G020-01D	ND	1	NA	1.00	0.500	07/06/1023:03	NA	HG08009	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12MS	G020-01M	9.93	1	NA	1.00	0.500	07/07/1000:09	NA	HG08010	HG08001	HCG001W	06/30/1008:47	07/01/10
MW-70-PMW04B-P12	G020-02	ND	1	NA	1.00	0.500	07/07/1001:15	NA	HG08011	HG08001	HCG001W	06/30/1009:16	07/01/10
MW-70-PMW05A-P12	G020-03	ND	1	NA	1.00	0.500	07/07/1003:23	NA	HG08015	HG08013	HCG001W	06/30/1009:52	07/01/10
MW-70-PMW05B-P12	G020-04	ND	1	NA	1.00	0.500	07/07/1004:29	NA	HG08016	HG08013	HCG001W	06/30/1010:39	07/01/10
IW-70-FSB108-P12	G020-05	ND	1	NA	1.00	0.500	07/07/1005:35	NA	HG08017	HG08013	HCG001W	06/30/1011:30	07/01/10
IW-70-FSB118-P12	G020-06	ND	1	NA	1.00	0.500	07/07/1006:41	NA	HG08018	HG08013	HCG001W	06/30/1014:21	07/01/10
MW-70-PMW09-P12	G020-07	ND	1	NA	1.00	0.500	07/07/1007:47	NA	HG08019	HG08013	HCG001W	07/01/1008:51	07/01/10
IW-70-SMB113-P12	G020-08	ND	1	NA	1.00	0.500	07/07/1008:53	NA	HG08020	HG08013	HCG001W	07/01/1009:22	07/01/10
MW-70-PMW10-P12	G020-09	ND	1	NA	1.00	0.500	07/07/1009:59	NA	HG08021	HG08013	HCG001W	07/01/1010:00	07/01/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10G02D

Matrix : WATER
Instrument ID : 7106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LEAD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	MCG001WB	ND	1	NA	1.00	0.500	07/06/1018:42	NA	MG08003	MG08001	MCG001W	NA	NA
LCS1W	MCG001WL	18.4	1	NA	1.00	0.500	07/06/1019:03	NA	MG08004	MG08001	MCG001W	NA	NA
LCD1W	MCG001WC	18.6	1	NA	1.00	0.500	07/06/1019:24	NA	MG08005	MG08001	MCG001W	NA	NA
MW-70-PMW04A-P12	G020-01	ND	1	NA	1.00	0.500	07/06/1021:57	NA	MG08008	MG08001	MCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12DUP	G020-01D	ND	1	NA	1.00	0.500	07/06/1023:03	NA	MG08009	MG08001	MCG001W	06/30/1008:47	07/01/10
MW-70-PMW04A-P12MS	G020-01M	9.46	1	NA	1.00	0.500	07/07/1000:09	NA	MG08010	MG08001	MCG001W	06/30/1008:47	07/01/10
MW-70-PMW04B-P12	G020-02	ND	1	NA	1.00	0.500	07/07/1001:15	NA	MG08011	MG08001	MCG001W	06/30/1009:16	07/01/10
MW-70-PMW05A-P12	G020-03	ND	1	NA	1.00	0.500	07/07/1003:23	NA	MG08015	MG08013	MCG001W	06/30/1009:52	07/01/10
MW-70-PMW05B-P12	G020-04	ND	1	NA	1.00	0.500	07/07/1004:29	NA	MG08016	MG08013	MCG001W	06/30/1010:39	07/01/10
MW-70-FSB118-P12	G020-06	16.5	1	NA	1.00	0.500	07/07/1006:41	NA	MG08018	MG08013	MCG001W	06/30/1014:21	07/01/10
MW-70-PMW09-P12	G020-07	ND	1	NA	1.00	0.500	07/07/1007:47	NA	MG08019	MG08013	MCG001W	07/01/1038:51	07/01/10
MW-70-PMW10-P12	G020-09	ND	1	NA	1.00	0.500	07/07/1009:59	NA	MG08021	MG08013	MCG001W	07/01/1010:03	07/01/10
MBLK2W	MCG002WB	ND	1	NA	1.00	0.500	07/07/1018:04	NA	MG09003	MG09001	MCG002W	NA	NA
LCS2W	MCG002WL	20.1	1	NA	1.00	0.500	07/07/1018:25	NA	MG09004	MG09001	MCG002W	NA	NA
LCD2W	MCG002WC	20.0	1	NA	1.00	0.500	07/07/1018:46	NA	MG09005	MG09001	MCG002W	NA	NA
MW-70-FSB108-P12	G020-05T	190	10	NA	10.0	5.00	07/07/1019:07	NA	MG09006	MG09001	MCG002W	06/30/1011:30	07/01/10
MW-70-SHB113-P12	G020-08T	39.1	2	NA	2.00	1.00	07/07/1020:13	NA	MG09007	MG09001	MCG002W	07/01/1009:22	07/01/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: EASTGHT EEC, INC.
PROJECT: NWS SEAL BEACH, JR SITE 70.
BATCH NO.: 106020
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	PBLK1W				
LAB SAMP ID:	HCG001WB	HCG001WL	HCG001WC		
LAB FILE ID:	HG08003	HG08004	HG08005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/06/1018:42	07/06/1019:03	07/06/1019:24	DATE RECEIVED:	NA
PREP. BATCH:	HCG001W	HCG001W	HCG001W		
CALIB. REF:	HGC8001	HGC8001	HG08001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.1	96	20.0	19.3	96	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 100020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: HCG002WB HCG002WL HCG002WC
LAB FILE ID: HG09003 HG09004 HG09005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 07/07/1018:04 07/07/1018:25 07/07/1018:46 DATE RECEIVED: NA
PREP. BATCH: HCG002W HCG002W HCG002W
CALIB. REF: HG09001 HG09001 HG09001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.0	100	20.0	20.0	100	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
LAB SAMP ID: G020-01 G020-01M
LAB FILE ID: HG08038 HG08010
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/07/1000:09 DATE RECEIVED: 07/01/10
PREP. BATCH: HCG001W HCG001W
CALIB. REF: HG0300' HG08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Acetate	ND	10.0	9.20	92	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 72.
BATCH NO.: 70G020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
EMAX SAMP ID: 6020-01 6020-01D
LAB FILE ID: HG08058 HG08059
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/06/1023:03 DATE RECEIVED: 07/01/10
PREP. BATCH: MCG001W MCG001W
CALIB. REF: HG08001 HG08021

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Acetate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 103020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	MCG001WB	MCG001WL	MCG001WC		
LAB FILE ID:	MG08003	MG08004	MG08005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/06/1018:42	07/06/1019:03	07/06/1019:24	DATE RECEIVED:	NA
PREP. BATCH:	MCG001W	MCG001W	MCG001W		
CALIB. REF:	MG08001	MG08001	MG08001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.3	92	20.0	18.4	92	1	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
LAB SAMP ID: G020-01 G020-01M
LAB FILE ID: HG08008 HG08010
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/10 21:57 07/07/10 00:09 DATE RECEIVED: 07/01/10
PREP. BATCH: HC5001W HC5001W
CALIB. REF: HG08001 HG08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Butyrate	ND	10.0	11.4	114	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, SR SITE 70.
BATCH NO.: 100020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
EMAX SAMP ID: G020-01 G020-01D
LAB FILE ID: HG08008 HG08009
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/06/1023:03 DATE RECEIVED: 07/01/10
PREP. BATCH: PC0001W HC0001W
CALIB. REF: hC08001 HC08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Butyrate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100020
METHOD: METHOD 300.0(W)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HCG001WB	HCG001WL	HCG001WC		
LAB FILE ID:	HG08003	HG08004	HG08005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/06/1018:42	07/06/1019:03	07/06/1019:24	DATE RECEIVED:	NA
PREP. BATCH:	HCG001W	HCG001W	HCG001W		
CALIB. REF:	HG08001	HG08001	HG08001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.9	100	20.0	20.2	101	1	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NAS SEAL BEACH, IR SITE 70.
BATCH NO.: 100020
METHOD: METHOD 300.0(N)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
LAB SAMP ID: G020-01 G020-01M
LAB FILE ID: H008008 H008010
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/07/1003:09 DATE RECEIVED: 07/01/10
PREP. BATCH: HCG001W HCG001W
CALIB. REF: HG008001 HG008001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Lactate	ND	10.0	9.93	99	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G020
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: * 1
SAMPLE ID: NW-70-PNW04A-P12
EMAX SAMP ID: G020-01 G020-01D
LAB FILE ID: HG08008 HG08009
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/06/1023:03 DATE RECEIVED: 07/01/10
PREP. BATCH: HCG001W HCG001W
CALIB. REF: HG08001 HG08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Lactate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100020
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	MCG001WB	MCG001WL	MCG001WC		
LAB FILE ID:	MG08003	MG08004	MG08005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/06/1018:42	07/06/1019:03	07/06/1019:24	DATE RECEIVED:	NA
PREP. BATCH:	MCG001W	MCG001W	MCG001W		
CALIB. REF:	MG08001	MG08001	MG08001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	18.4	92	20.0	18.6	93	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 106020
METHOD: METHOD 300.0(MA)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKZW				
LAB SAMP ID:	HCG002WB	HCG002WL	HCG002WC		
LAB FILE ID:	HG09C03	HG09004	HG09005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/07/1018:04	07/07/1018:25	07/07/1018:46	DATE RECEIVED:	NA
PREP. BATCH:	HCG002W	HCG002W	HCG002W		
CALIB. REF:	HG09001	HG09001	HG09001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.1	100	20.0	20.0	100	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G020
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
LAB SAMP ID: G020-01 G020-01M
LAB FILE ID: HG08008 HG08010
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 38:47
DATE ANALYZED: 37/06/1021:57 07/07/1000:09 DATE RECEIVED: 07/01/10
PREP. BATCH: HCG001W HCG001W
CALIB. REF: HG08001 HG08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Propionate	ND	10.0	9.46	95	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT SEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G023
METHOD: METHOD 301.D(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04A-P12
EMAX SAMP ID: 6020-01 6020-01D
LAB FILE ID: HG08008 HG08009
DATE EXTRACTED: NA NA DATE COLLECTED: 06/30/10 08:47
DATE ANALYZED: 07/06/1021:57 07/06/1023:03 DATE RECEIVED: 07/01/10
PREP. BATCH: HCG001W HCG001W
CALIB. REF: HGC8001 HG08001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Propionate	ND	ND	0	20

INITIAL CALIBRATION

IC SEQ FORM/HB08(2010)

LF	LSID	SELCOMP	METHOD	Datetime	DF
HB 8001	'B'	ABLPY	OA106808	02/08/1016:06	1
HB 8002	S-0	ABLPY	OA106808	02/08/1016:27	1
HB 8003	S-1	ABLPY	OA106808	02/08/1016:48	1
HB 8004	S-2	ABLPY	OA106808	02/08/1017:09	1
HB 8005	S-3	ABLPY	OA106808	02/08/1017:30	1
HB 8006	S-4	ABLPY	OA106808	02/08/1017:50	1
HB 8007	S-5	ABLPY	OA106808	02/08/1018:11	1
HB 8008	ICV	ABLPY	OA106808	02/08/1018:32	1
HB 8009	ICB	ABLPY	OA106808	02/08/1018:53	1
HB 8010	CCV2	ABLPY	OA106808	02/08/1019:14	1
HB 8011	CCB2	ABLPY	OA106808	02/08/1019:35	1
HB 8012	HCB010WB	ABLPY	OA106808	02/08/1019:56	1
HB 8013	HCB010WL	ABLPY	OA106808	02/08/1020:17	1
HB 8014	HCB010WC	ABLPY	OA106808	02/08/1020:38	1
HB 8015	HCB012WL	ABLPY	OA106808	02/08/1020:59	1
HB 8016	HCB012WC	ABLPY	OA106808	02/08/1021:20	1
HB 8017	MDL-1	ABLPY	OA106808	02/08/1021:41	1
HB 8018	MDL-2	ABLPY	OA106808	02/08/1022:02	1
HB 8019	MDL-3	ABLPY	OA106808	02/08/1022:23	1
HB 8020	MDL-4	ABLPY	OA106808	02/08/1022:44	1
HB 8021	MDL-5	ABLPY	OA106808	02/08/1023:05	1
HB 8022	MDL-6	ABLPY	OA106808	02/08/1023:26	1
HB 8023	MDL-7	ABLPY	OA106808	02/08/1023:47	1
HB 8024	CCV4	ABLPY	OA106808	02/09/1000:08	1
HB 8025	CCB4	ABLPY	OA106808	02/09/1000:29	1
HB 8026	LOQ	ABLPY	OA106808	02/09/1000:50	1
HB 8027	LOD	ABLPY	OA106808	02/09/1001:11	1
HB 8028	CCV6	ABLPY	OA106808	02/09/1001:32	1
HB 8029	CCB6	ABLPY	OA106808	02/09/1001:53	1

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02/11/10

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.30	LACTATE	0LOff	5	0.9994	-0.008502	0.3046	0.0000
2	4.56	ACETATE	0LOff	5	0.9999	0.000093	0.3212	0.0000
3	5.14	PROPIONA'	0LOff	5	0.9999	-0.001423	0.2010	0.0000
4	5.83	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	6.20	BUTYRATE	0LOff	5	1.0000	-0.001251	0.1386	0.0000
6	7.27	PYRUVATE	0LOff	5	0.9993	-0.005587	0.1891	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

02/11/10

SECOND SOURCE VERIFICATION

IC RESULT FORM CalVersion: 300M.808/HB08(2010)

LF10	LS1D	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	Datetime	Df
HB08001	IB	ABLPY	ND	ND	ND	ND	ND	02/08/1016:06	1
HB08002	S-0	ABLPY	ND	ND	ND	ND	ND	02/08/1016:27	1
HB08003	S-1	ABLPY	.107	.094	.12	.108	.123	02/08/1016:48	1
HB08004	S-2	ABLPY	.496	.5	.485	.492	.478	02/08/1017:09	1
HB08005	S 3	ABLPY	.99	.997	.956	.983	.96	02/08/1017:30	1
HB08006	S-4	ABLPY	2.01	1.997	1.983	2.008	1.98	02/08/1017:50	1
HB08007	S-5	ABLPY	2.997	3.003	3.028	3.001	3.03	02/08/1018:11	1
HB08008	ICV	ABLPY	101%	97.4%	96.7%	100%	99%	02/08/1018:32	1
HB08009	ICB	ABLPY	ND	ND	ND	ND	ND	02/08/1018:53	1
HB08010	CCV2	ABLPY	101%	100%	99%	102%	96.7%	02/08/1019:14	1
HB08011	CCB2	ABLPY	ND	ND	ND	ND	ND	02/08/1019:35	1
HB08012	HCB010WB	ABLPY	ND	ND	ND	ND	ND	02/08/1019:56	1
HB08013	HCB010WL	ABLPY	2.03	1.92	1.93	2.02	1.97	02/08/1020:17	1
HB08014	HCB010WC	ABLPY	2.01	1.9	1.9	2	1.94	02/08/1020:38	1
HB08015	HCB012WL	ABLPY	1.96	1.88	1.87	1.94	1.88	02/08/1020:59	1
HB08016	HCB012WC	ABLPY	1.98	1.88	1.89	1.95	1.91	02/08/1021:20	1
HB08017	MDL-1	ABLPY	.2	.202	.202	.209	.203	02/08/1021:41	1
HB08018	MDL-2	ABLPY	.204	.208	.202	.209	.206	02/08/1022:02	1
HB08019	MDL-3	ABLPY	.203	.208	.203	.213	.203	02/08/1022:23	1
HB08020	MDL-4	ABLPY	.202	.203	.203	.209	.206	02/08/1022:44	1
HB08021	MDL-5	ABLPY	.206	.202	.204	.209	.208	02/08/1023:05	1
HB08022	MDL-6	ABLPY	.211	.207	.206	.214	.205	02/08/1023:26	1
HB08023	MDL-7	ABLPY	.205	.213	.206	.219	.208	02/08/1023:47	1
HB08024	CCV4	ABLPY	101%	100%	97.6%	102%	93.9%	02/09/1000:08	1
HB08025	CCB4	ABLPY	ND	ND	ND	ND	ND	02/09/1000:29	1
HB08026	LOQ	ABLPY	.108	.115	.118	.117	.117	02/09/1000:50	1
HB08027	LOD	ABLPY	.034	.069	.07	.058	.073	02/09/1001:11	1
HB08028	CCV6	ABLPY	104%	101%	101%	104%	95.5%	02/09/1001:32	1
HB08029	CCB6	ABLPY	ND	ND	ND	ND	ND	02/09/1001:53	1

AA
02/11/10

DAILY CALIBRATION

IC RESULT FORM Calversion: 300M.B08/HB08

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HG08001	CCV50	ABLPY	96.8%	103%	101%	92.4%	108%	07/06/1017:23	1
HG08002	CCB50	ABLPY	ND	ND	ND	ND	ND	07/06/1018:21	1
HG08003	HCG001W8	ABLPY	ND	ND	ND	ND	ND	07/06/1018:42	1
HG08004	HCG001WL	ABLPY	1.91	1.83	1.99	1.84	2.19	07/06/1019:03	1
HG08005	HCG003WC	ABLPY	1.93	1.84	2.02	1.86	2.17	07/06/1019:24	1
HG08006	G013-02	ABLPY	.26	ND	ND	ND	ND	07/06/1019:45	1
HG08007	G013-03	ABLPY	ND	ND	ND	ND	ND	07/06/1020:51	1
HG08008	G020-01	ABLPY	ND	ND	ND	ND	ND	07/06/1021:57	1
HG08009	G020-01D	ABLPY	ND	ND	ND	ND	ND	07/06/1023:03	1
HG08010	G020 01N	ABLPY	.92	1.14	.993	.946	1.05	07/07/1000:09	1
HG08011	G020 02	ABLPY	ND	ND	ND	ND	ND	07/07/1001:15	1
HG08012	HCG001WQ	ABLPY	ND	ND	ND	ND	ND	07/07/1002:20	1
HG08013	CCV52	ABLPY	94.4%	95.6%	97.3%	90%	108%	07/07/1002:41	1
HG08014	CCB52	ABLPY	ND	ND	ND	ND	ND	07/07/1003:02	1
HG08015	G020 03	ABLPY	.067	ND	ND	ND	ND	07/07/1003:23	1
HG08016	G020 04	ABLPY	.407	ND	ND	ND	ND	07/07/1004:29	1
HG08017	G020-05	ABL*Y	1.13	ND	ND	15.4E	ND	07/07/1005:35	1
HG08018	G020-06	ABLPY	3	ND	ND	1.65	ND	07/07/1006:41	1
HG08019	G020-07	ABLPY	ND	ND	ND	ND	ND	07/07/1007:47	1
HG08020	G020-08	*BL*Y	15.1E	.589	ND	3.38E	.148	07/07/1008:53	1
HG08021	G020-09	ABLPY	.342	ND	ND	ND	ND	07/07/1009:59	1
HG08022	G001-05	**L**	43.2E	10.3E	ND	61.2E	3.12E	07/07/1012:18	1
HG08023	G001-08	ABLPY	.274	ND	ND	ND	ND	07/07/1013:23	1
HG08024	RINSE	ABLPY	ND	ND	ND	ND	ND	07/07/1014:29	1
HG08025	CCV54	ABLPY	100%	98%	91.6%	98.2%	93.3%	07/07/1014:50	1
HG08026	CCB54	ABLPY	.042	ND	ND	ND	ND	07/07/1015:11	1

IC RESULT FORM CalVersion: 300M.808/HB08

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	Datetime	Df
HG09001	CCV56	ABLPY	104%	101%	95.9%	103%	96.3%	07/07/1017:22	1
HG09002	CCB56	ABLPY	ND	ND	ND	ND	ND	07/07/1017:43	1
HG09003	HCG002W8	ABLPY	ND	ND	ND	ND	ND	07/07/1018:04	1
HG09004	HCG002WL	ABLPY	2	1.89	1.87	2.01	1.91	07/07/1018:25	1
HG09005	HCG002WC	ABLPY	2	1.9	1.87	2	1.91	07/07/1018:46	1
HG09006	G020-05T	ABLPY	1.33	ND	ND	19	ND	07/07/1019:07	10
HG09007	G020-08T	*BLPY	20.4E	.546	ND	3.91	.179	07/07/1020:13	2
HG09008	G020-08I	ABLPY	24.8	.479	ND	3.72	ND	07/07/1021:19	10
HG09009	GDD1-05T	**L*Y	73.6E	10.5E	ND	95.6E	2.16	07/07/1022:25	2
HG09010	GDD1-05I	*BL*Y	288E	4.57	ND	297E	ND	07/07/1023:31	50
HG09011	GDD1-05J	ABLPY	319	ND	ND	325	ND	07/08/1000:37	200
HG09012	CCV58	ABLPY	102%	100%	94.5%	101%	94.9%	07/08/1001:43	1
HG09013	CCB58	ABLPY	ND	ND	ND	ND	ND	07/08/1002:04	1

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

WaOH : SW9A-03-13

ICAL : S-0 : 0 ppm ICW : 2.0 ppm

S-1 : 0.1 ppm

S-2 : 0.5 ppm

S-3 : 1.0 ppm

S-4 : 2.0 ppm

S-5 : 3.0 ppm

Ehrmann's 4165

MDL study : SW12A-02-162 (0.2ppm x 3)

LOQ : SW12A-02-163 (0.1 ppm)

LOD ↓ -163 (0.05 ppm)

Book #:	A106-007
Instrument No.:	106
Analytical Sequence:	HB08
Method File:	0A106B08
Analytical Batch:	2/8/10 HCB08'10W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-160
ICV	-161
CCV	-165
LCS	-166
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ CHROMELEON	
☐	

Analyzed By: PL

Date: 2/8/10

Sequence: HB08
Operator: cmadmin

[redacted]

Printed: 2/9/2010 11:09:17 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B0091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 29

Created: 2/8/2010 3:54:37 PM by cmadmin
Last Update: 2/9/2010 11:09:14 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HB08	001	IB	Unknown	1	25.0	ORG	OA106B08	Finished	2/8/2010 4:06:05 PM	1.0000	
2	HB08	002	S-0	Standard	2	25.0	ORG	OA106B08	Finished	2/8/2010 4:27:03 PM	1.0000	
3	HB08	003	S-1	Standard	3	25.0	ORG	OA106B08	Finished	2/8/2010 4:48:02 PM	1.0000	
4	HB08	004	S-2	Standard	4	25.0	ORG	OA106B08	Finished	2/8/2010 5:09:01 PM	1.0000	
5	HB08	005	S-3	Standard	5	25.0	ORG	OA106B08	Finished	2/8/2010 5:30:00 PM	1.0000	
6	HB08	006	S-4	Standard	6	25.0	ORG	OA106B08	Finished	2/8/2010 5:50:58 PM	1.0000	
7	HB08	007	S-5	Standard	7	25.0	ORG	OA106B08	Finished	2/8/2010 6:11:57 PM	1.0000	
8	HB08	008	ICV	Standard	8	25.0	ORG	OA106B08	Finished	2/8/2010 6:32:56 PM	1.0000	
9	HB08	009	ICB	Unknown	9	25.0	ORG	OA106B08	Finished	2/8/2010 6:53:54 PM	1.0000	
10	HB08	010	CCV2	Unknown	41	25.0	ORG	OA106B08	Finished	2/8/2010 7:14:53 PM	1.0000	
11	HB08	011	CCB2	Unknown	42	25.0	ORG	OA106B08	Finished	2/8/2010 7:35:52 PM	1.0000	
12	HB08	012	HCB010WB	Unknown	43	25.0	ORG	OA106B08	Finished	2/8/2010 7:56:51 PM	1.0000	
13	HB08	013	HCB010WL	Unknown	44	25.0	ORG	OA106B08	Finished	2/8/2010 8:17:50 PM	1.0000	
14	HB08	014	HCB010WC	Unknown	44	25.0	ORG	OA106B08	Finished	2/8/2010 8:38:49 PM	1.0000	
15	HB08	015	HCB012WL	Unknown	45	25.0	ORG	OA106B08	Finished	2/8/2010 8:59:47 PM	1.0000	
16	HB08	016	HCB012WC	Unknown	45	25.0	ORG	OA106B08	Finished	2/8/2010 9:20:46 PM	1.0000	
17	HB08	017	MDL-1	Unknown	10	25.0	ORG	OA106B08	Finished	2/8/2010 9:41:45 PM	1.0000	
18	HB08	018	MDL-2	Unknown	11	25.0	ORG	OA106B08	Finished	2/8/2010 10:02:43 PM	1.0000	
19	HB08	019	MDL-3	Unknown	12	25.0	ORG	OA106B08	Finished	2/8/2010 10:23:42 PM	1.0000	
20	HB08	020	MDL-4	Unknown	13	25.0	ORG	OA106B08	Finished	2/8/2010 10:44:41 PM	1.0000	
21	HB08	021	MDL-5	Unknown	14	25.0	ORG	OA106B08	Finished	2/8/2010 11:05:40 PM	1.0000	
22	HB08	022	MDL-6	Unknown	15	25.0	ORG	OA106B08	Finished	2/8/2010 11:26:38 PM	1.0000	
23	HB08	023	MDL-7	Unknown	16	25.0	ORG	OA106B08	Finished	2/8/2010 11:47:37 PM	1.0000	
24	HB08	024	CCV4	Unknown	41	25.0	ORG	OA106B08	Finished	2/9/2010 12:08:36 AM	1.0000	
25	HB08	025	CCB4	Unknown	42	25.0	ORG	OA106B08	Finished	2/9/2010 12:29:35 AM	1.0000	
26	HB08	026	LOQ	Unknown	17	25.0	ORG	OA106B08	Finished	2/9/2010 12:50:33 AM	1.0000	
27	HB08	027	LOD	Unknown	18	25.0	ORG	OA106B08	Finished	2/9/2010 1:11:32 AM	1.0000	

FINAL

Sequence: HB08
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 29

Created: 2/8/2010 3:54:37 PM by cmadmin
Last Update: 2/9/2010 11:09:14 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
28	HB08	028	CCV6	Unknown	41	25.0	ORG	OA106B08	Finished	2/9/2010 1:32:31 AM	1.0000	
29	HB08	029	CCB6	Unknown	42	25.0	ORG	OA106B08	Finished	2/9/2010 1:53:29 AM	1.0000	

FINAL

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH: SW9A-03-013

H06001W: G013, G020 & G001

Book #:	A106-007
Instrument No.:	106
Analytical Sequence:	H608
Method File:	CA106B08 .met
Analytical Batch:	H06001W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX 218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-03-160
ICV	161
CCV	194
LCS	195
MS	193

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 04/06/10

Sequence: HG08
Operator: cmadmin

Printed: 7/7/2010 3:37:38 PM

Title: Temporary sequence for manual data acquisition
Datasource: C3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 35

Created: 7/6/2010 5:44:01 PM by cmadmin
Last Update: 7/7/2010 3:34:27 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HG08		IB	Unknown	1	25.0	ORG	OA106B08	Finished	2/8/2010 4:06:05 PM	1.0000
2	HG08		S-0	Standard	2	25.0	ORG	OA106B08	Finished	2/8/2010 4:27:03 PM	1.0000
3	HG08		S-1	Standard	3	25.0	ORG	OA106B08	Finished	2/8/2010 4:48:02 PM	1.0000
4	HG08		S-2	Standard	4	25.0	ORG	OA106B08	Finished	2/8/2010 5:09:01 PM	1.0000
5	HG08		S-3	Standard	5	25.0	ORG	OA106B08	Finished	2/8/2010 5:30:00 PM	1.0000
6	HG08		S-4	Standard	6	25.0	ORG	OA106B08	Finished	2/8/2010 5:50:58 PM	1.0000
7	HG08		S-5	Standard	7	25.0	ORG	OA106B08	Finished	2/8/2010 6:11:57 PM	1.0000
8	HG08		ICV	Standard	8	25.0	ORG	OA106B08	Finished	2/8/2010 6:32:56 PM	1.0000
9	HG08		ICB	Unknown	9	25.0	ORG	OA106B08	Finished	2/8/2010 6:53:54 PM	1.0000
10	HG08	001	CCV50	Unknown	31	25.0	ORG	OA106B08	Finished	7/6/2010 5:23:09 PM	1.0000
11	HG08	002	CCB50	Unknown	32	25.0	ORG	OA106B08	Finished	7/6/2010 6:21:40 PM	1.0000
12	HG08	003	HCG001WB	Unknown	33	25.0	ORG	OA106B08	Finished	7/6/2010 6:42:39 PM	1.0000
13	HG08	004	HCG001WL	Unknown	34	25.0	ORG	OA106B08	Finished	7/6/2010 7:03:38 PM	1.0000
14	HG08	005	HCG001WC	Unknown	34	25.0	ORG	OA106B08	Finished	7/6/2010 7:24:37 PM	1.0000
15	HG08	006	G013-02	Unknown	1	25.0	ORG-SAMPLE	OA106B08	Finished	7/6/2010 7:45:35 PM	1.0000
16	HG08	007	G013-03	Unknown	2	25.0	ORG-SAMPLE	OA106B08	Finished	7/6/2010 8:51:29 PM	1.0000
17	HG08	008	G020-01	Unknown	3	25.0	ORG-SAMPLE	OA106B08	Finished	7/6/2010 9:57:22 PM	1.0000
18	HG08	009	G020-01D	Unknown	3	25.0	ORG-SAMPLE	OA106B08	Finished	7/6/2010 11:03:16 PM	1.0000
19	HG08	010	G020-01M	Unknown	4	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 12:09:10 AM	1.0000
20	HG08	011	G020-02	Unknown	5	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 1:15:03 AM	1.0000
21	HG08	012	HCG001WQ	Unknown	33	25.0	ORG	OA106B08	Finished	7/7/2010 2:20:56 AM	1.0000
22	HG08	013	CCV52	Unknown	31	25.0	ORG	OA106B08	Finished	7/7/2010 2:41:55 AM	1.0000
23	HG08	014	CCB52	Unknown	32	25.0	ORG	OA106B08	Finished	7/7/2010 3:02:54 AM	1.0000
24	HG08	015	G020-03	Unknown	6	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 3:23:53 AM	1.0000
25	HG08	016	G020-04	Unknown	7	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 4:29:47 AM	1.0000
26	HG08	017	G020-05	Unknown	8	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 5:35:41 AM	1.0000
27	HG08	018	G020-06	Unknown	9	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 6:41:35 AM	1.0000

FINAL

Sequence: HG08
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C91_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 35

Created: 7/6/2010 5:44:01 PM by cmadmin
Last Update: 7/7/2010 3:34:27 PM by cmadmin

No.	Sequence	Comment
1	HG08	
2	HG08	
3	HG08	
4	HG08	
5	HG08	
6	HG08	
7	HG08	
8	HG08	
9	HG08	
10	HG08	
11	HG08	
12	HG08	
13	HG08	
14	HG08	
15	HG08	SAMPLE PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HG08	SAMPLE PREPPED AT DF=5 PRIOR TO ANALYSIS
17	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HG08	
22	HG08	
23	HG08	
24	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS.
26	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HG08
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 35

Created: 7/6/2010 5:44:01 PM by cmadmin
Last Update: 7/7/2010 3:34:27 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HG08	019	G020-07	Unknown	10	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 7:47:29 AM	1.0000
29	HG08	020	G020-08	Unknown	11	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 8:53:23 AM	1.0000
30	HG08	021	G020-09	Unknown	12	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 9:59:18 AM	1.0000
31	HG08	022	G001-05	Unknown	13	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 12:18:03 PM	1.0000
32	HG08	023	G001-06	Unknown	14	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 1:23:56 PM	1.0000
33	HG08	025	RINSE	Unknown	38	25.0	ORG	OA106B08	Finished	7/7/2010 2:29:50 PM	1.0000
34	HG08	026	CCV54	Unknown	31	25.0	ORG	OA106B08	Finished	7/7/2010 2:50:49 PM	1.0000
35	HG08	027	CCB54	Unknown	32	25.0	ORG	OA106B08	Finished	7/7/2010 3:11:47 PM	1.0000

FINAL

Sequence: HG08
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 35

Created: 7/5/2010 5:44:01 PM by cmadmin
Last Update: 7/7/2010 3:34:27 PM by cmadmin

No.	Sequence	Comment
28	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS.
29	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HG08	SAMPLE PREPPED AT DF=10 PRIOR TO ANALYSIS.
31	HG08	
32	HG08	
33	HG08	
34	HG08	
35	HG08	

FINAL

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Nitrate: SW9A - 03 - 013

HCG002W: G020 & G0081 [illegible]

G013 - 02: Yellow-brown with precipitation.

G013 - 03: Faint Tan with precipitation.

G020 - 05 & - 03: Faint Tan color matrix.

G008 - 05: strong odor.

Book #:	A106-007
Instrument No.:	106
Analytical Sequence:	HG09
Method File:	DA106B06
Analytical Batch:	HCG002W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID		
ICAL	SW12A - 02 - 160	
ICV		161
CCV		194
LCS		195
MS		197

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: AC

Date: 07/07/10

Sequence: HG09
Operator: cmadmin

Printed: 7/8/2010 10:14:35 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 22

Created: 7/8/2010 10:13:18 AM by cmadmin
Last Update: 7/8/2010 10:13:45 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HG09		IB	Unknown	1	25.0	ORG	OA106B08	Finished	2/8/2010 4:06:05 PM	1.0000
2	HG09		S-0	Standard	2	25.0	ORG	OA106B08	Finished	2/8/2010 4:27:03 PM	1.0000
3	HG09		S-1	Standard	3	25.0	ORG	OA106B08	Finished	2/8/2010 4:48:02 PM	1.0000
4	HG09		S-2	Standard	4	25.0	ORG	OA106B08	Finished	2/8/2010 5:09:01 PM	1.0000
5	HG09		S-3	Standard	5	25.0	ORG	OA106B08	Finished	2/8/2010 5:30:30 PM	1.0000
6	HG09		S-4	Standard	6	25.0	ORG	OA106B08	Finished	2/8/2010 5:50:58 PM	1.0000
7	HG09		S-5	Standard	7	25.0	ORG	OA106B08	Finished	2/8/2010 6:11:57 PM	1.0000
8	HG09		ICV	Standard	8	25.0	ORG	OA106B08	Finished	2/8/2010 6:32:56 PM	1.0000
9	HG09		ICB	Unknown	9	25.0	ORG	OA106B08	Finished	2/8/2010 6:53:54 PM	1.0000
10	HG09	001	CCV56	Unknown	31	25.0	ORG	OA106B08	Finished	7/7/2010 5:22:54 PM	1.0000
11	HG09	002	CCB56	Unknown	32	25.0	ORG	OA106B08	Finished	7/7/2010 5:43:53 PM	1.0000
12	HG09	003	HCG002WB	Unknown	33	25.0	ORG	OA106B08	Finished	7/7/2010 6:04:52 PM	1.0000
13	HG09	004	HCG002WL	Unknown	34	25.0	ORG	OA106B08	Finished	7/7/2010 6:25:51 PM	1.0000
14	HG09	005	HCG002WC	Unknown	34	25.0	ORG	OA106B08	Finished	7/7/2010 6:46:49 PM	1.0000
15	HG09	006	G020-05T	Unknown	1	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 7:07:48 PM	10.0000
16	HG09	007	G020-08T	Unknown	2	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 8:13:42 PM	2.0000
17	HG09	008	G020-08I	Unknown	3	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 9:19:35 PM	10.0000
18	HG09	009	G001-05T	Unknown	4	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 10:25:29 PM	2.0000
19	HG09	010	G001-05I	Unknown	5	25.0	ORG-SAMPLE	OA106B08	Finished	7/7/2010 11:31:22 PM	50.0000
20	HG09	011	G001-05J	Unknown	6	25.0	ORG-SAMPLE	OA106B08	Finished	7/8/2010 12:37:16 AM	200.0000
21	HG09	012	CCV58	Unknown	31	25.0	ORG	OA106B08	Finished	7/8/2010 1:43:09 AM	1.0000
22	HG09	013	CCB58	Unknown	32	25.0	ORG	OA106B08	Finished	7/8/2010 2:04:08 AM	1.0000

FINAL

Sequence: HG09
Operator: cmadmin

Printed: 7/8/2010 10:14:35 AM

Title: Temporary sequence for manual data acquisition
Datasource: D3933Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 22

Created: 7/8/2010 10:13:18 AM by cmadmin
Last Update: 7/8/2010 10:13:45 AM by cmadmin

No.	Sequence	Comment
1	HG09	
2	HG09	
3	HG09	
4	HG09	
5	HG09	
6	HG09	
7	HG09	
8	HG09	
9	HG09	
10	HG09	
11	HG09	
12	HG09	
13	HG09	
14	HG09	
15	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HG09	SAMPLE WERE PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HG09	
22	HG09	

FINAL

CASE NARRATIVE

Client : INSIGHT ERC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G020

METHOD SM5310B
TOC

A total of nine (9) water samples were received on 07/01/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCG003WL/C were all within QC limits.
Percent recoveries for TCG004WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 100020

Matrix : WATER
Instrument ID : I62

SAMPLE ID	ENAM SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TCG003WB	ND	1	NA	1.00	0.500	07/06/1014:48	NA	TCG003-05	TCG003-02	TCG003W	NA	NA
LCS1W	TCG003WL	25.1	1	NA	1.00	0.500	07/06/1015:01	NA	TCG003-06	TCG003-02	TCG003W	NA	NA
LCD1W	TCG003WC	25.3	1	NA	1.00	0.500	07/06/1015:14	NA	TCG003-07	TCG003-02	TCG003W	NA	NA
MW-70-PMW044-P12	G020-01	1.62	1	NA	1.00	0.500	07/06/1018:01	NA	TCG003-22	TCG003-20	TCG003W	06/30/1008:47	07/01/10
MW-70-PMW043-P12	G020-02	0.901J	1	NA	1.00	0.500	07/06/1018:11	NA	TCG003-23	TCG003-20	TCG003W	06/30/1009:16	07/01/10
MW-70-PMW05A-P12	G020-03	3.34	1	NA	1.00	0.500	07/06/1018:22	NA	TCG003-24	TCG003-20	TCG003W	06/30/1009:52	07/01/10
MW-70-PMW058-P12	G020-04	3.75	1	NA	1.00	0.500	07/06/1018:33	NA	TCG003-25	TCG003-20	TCG003W	06/30/1010:39	07/01/10
IW-70-FSB118-P12	G020-06	32.0	1	NA	1.00	0.500	07/06/1019:01	NA	TCG003-27	TCG003-20	TCG003W	06/30/1014:21	07/01/10
MW-70-PMW09-P12	G020-07	0.943J	1	NA	1.00	0.500	07/06/1019:11	NA	TCG003-28	TCG003-20	TCG003W	07/01/1008:51	07/01/10
MW-70-PMW10-P12	G020-09	1.20	1	NA	1.00	0.500	07/06/1019:37	NA	TCG003-30	TCG003-20	TCG003W	07/01/1010:00	07/01/10
MBLK2W	TCG004WB	ND	1	NA	1.00	0.500	07/08/1013:14	NA	TCG004-05	TCG004-02	TCG004W	NA	NA
LCS2W	TCG004WL	25.2	1	NA	1.00	0.500	07/08/1013:26	NA	TCG004-06	TCG004-02	TCG004W	NA	NA
LCD2W	TCG004WC	25.3	1	NA	1.00	0.500	07/08/1013:39	NA	TCG004-07	TCG004-02	TCG004W	NA	NA
IW-70-SKB113-P12	G020-08T	140	10	NA	10.0	5.00	07/08/1014:24	NA	TCG004-11	TCG004-02	TCG004W	07/01/1009:22	07/01/10
IW-70-FSB108-P12	G020-05T	186	10	NA	10.0	5.00	07/08/1014:35	NA	TCG004-12	TCG004-02	TCG004W	06/30/1011:30	07/01/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G02D
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TCG003WB TCG003WL TCG003WC
LAB FILE ID: TCG003-05 TCG003-06 TCG003-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 07/06/1014:48 07/06/1015:01 07/06/1015:14 DATE RECEIVED: NA
PREP. BATCH: TCG003W TCG003W TCG003W
CALIB. REF: TCG003-02 TCG003-02 TCG003-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.1	100	25.0	25.3	101	1	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, JR SITE 70.
BATCH NO.: 106020
METHOD: METHOD SW5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	TCG004WB	TCG004WL	TCG004WC		
LAB FILE ID:	TCG004-05	TCG004-06	TCG004-07		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	07/08/1013:14	07/08/1013:26	07/08/1013:39	DATE RECEIVED:	NA
PREP. BATCH:	TCG004W	TCG004W	TCG004W		
CALIB. REF:	TCG004-02	TCG004-02	TCG004-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.2	101	25.0	25.3	101	0	85-115	20

ANALYSIS RUN LOG
for
TOC

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 7/8/10 11:30

end (date & time) 7/8/10 19:14

TCG004W

106020 - 05, 06, 07, 08, 09

106434 - 01

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCG004
Method File:	TCG004
Analytical Batch:	TCG004W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (ug/L)
S0	nanopure	0
S1	SW10B-03-296	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-03-295	25
CCV	SW10B-03-294	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

* all samples were preserved at pH ≤ 2

Analyzed By: AM

Date: 7/8/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCG004-01	0A-123456	C:\Progr	1.000		
2	Control	NPOC	ICV	TCG004-02	0A-123456	C:\Progr	1.000	NPOC:25.14 mg/L	
3	Unknown	NPOC	ICB	TCG004-03	0A-123456	C:\Progr	1.000	NPOC:0.2109 mg/L	
4	Unknown	NPOC	HCO3/CO3	TCG004-04	0A-123456	C:\Progr	1.000	NPOC:0.1715 mg/L	
5	Unknown	NPOC	TCG004WB	TCG004-05	0A-123456	C:\Progr	1.000	NPOC:0.09249 mg/L	
6	Unknown	NPOC	TCG004WL	TCG004-06	0A-123456	C:\Progr	1.000	NPOC:25.20 mg/L	
7	Unknown	NPOC	TCG004WC	TCG004-07	0A-123456	C:\Progr	1.000	NPOC:25.30 mg/L	
8	Unknown	NPOC	10G020-07R	TCG004-08	0A-123456	C:\Progr	1.000	NPOC:0.8835 mg/L	[illegible]
9	Unknown	NPOC	10G020-09R	TCG004-09	0A-123456	C:\Progr	1.000	NPOC:1.088 mg/L	[illegible]
10	Unknown	NPOC	10G020-06R	TCG004-10	0A-123456	C:\Progr	1.000	NPOC:31.63 mg/L	[illegible]
11	Unknown	NPOC	10G020-08T	TCG004-11	0A-123456	C:\Progr	10.00	NPOC:140.4 mg/L	DF=10
12	Unknown	NPOC	10G020-05T	TCG004-12	0A-123456	C:\Progr	10.00	NPOC:186.5 mg/L	DF=10
13	Control	NPOC	CCV1	TCG004-13	0A-123456	C:\Progr	1.000	NPOC:25.19 mg/L	
14	Unknown	NPOC	CCB1	TCG004-14	0A-123456	C:\Progr	1.000	NPOC:0.2019 mg/L	
15	Unknown	NPOC	10G439-01J	TCG004-15	0A-123456	C:\Progr	100.0	NPOC:141.6 mg/L	DF=100
16	Unknown	NPOC	10G439-01I	TCG004-16	0A-123456	C:\Progr	40.00	NPOC:122.8 mg/L	DF=40
17	Unknown	NPOC	10G439-01T	TCG004-17	0A-123456	C:\Progr	5.000	NPOC:115.0 mg/L	DF=5
18	Unknown	NPOC	10G439-01	TCG004-18	0A-123456	C:\Progr	1.000	NPOC:120.6 mg/L	
19	Control	NPOC	CCV2	TCG004-19	0A-123456	C:\Progr	1.000	NPOC:25.48 mg/L	
20	Unknown	NPOC	CCB2	TCG004-20	0A-123456	C:\Progr	1.000	NPOC:0.2204 mg/L	
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25									
26									
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67									

tm 7/8/10

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

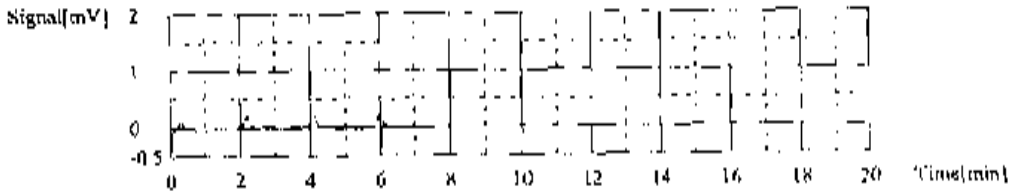
Sample Name	ICAL
Sample ID:	TOC004 01
Cal. Curve:	TOC004.2010_07_08_11 22_17.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		07/08/10 11:30:51 AM
2	0.000	50uL	1	------		07/08/10 11:32:55 AM
3	0.000	50uL	1	------		07/08/10 11:35:00 AM
4	0.000	50uL	1	------		07/08/10 11:37:04 AM

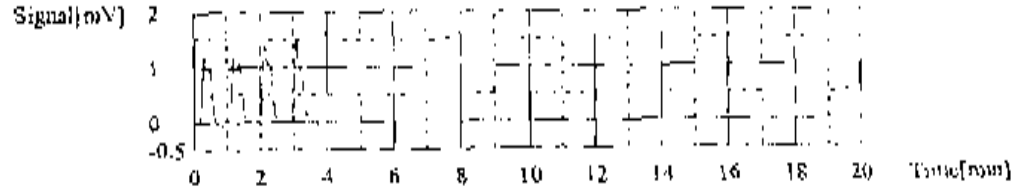
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.000



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.215	50uL	10	------		07/08/10 11:45:08 AM
2	2.272	50uL	10	------		07/08/10 11:46:14 AM
3	2.309	50uL	10	------		07/08/10 11:47:22 AM
4	2.363	50uL	10	------		07/08/10 11:48:26 AM

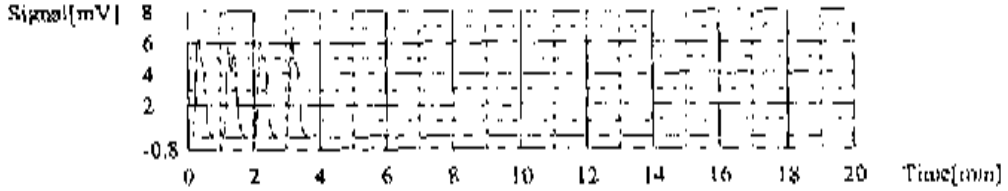
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.289



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.70	50uL	2	------		07/08/10 11:54:37 AM
2	10.81	50uL	2	------		07/08/10 11:55:44 AM
3	10.95	50uL	2	------		07/08/10 11:56:52 AM
4	10.64	50uL	2	------		07/08/10 11:57:50 AM

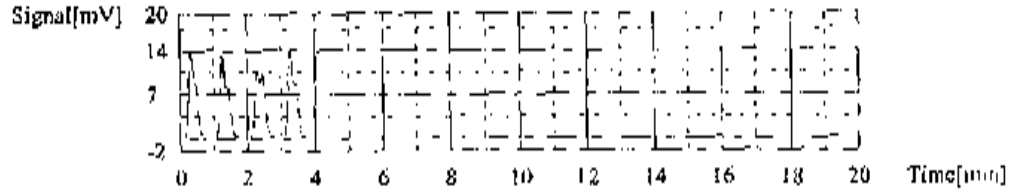
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.80



Conc. 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.36	50uL	1	------		07/08/10 12:03:28 PM
2	21.34	50uL	1	------		07/08/10 12:04:40 PM
3	21.38	50uL	1	------		07/08/10 12:05:50 PM
4	21.65	50uL	1	------		07/08/10 12:06:59 PM

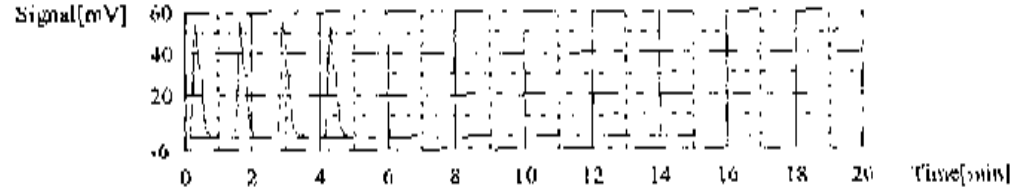
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.48



Conc. 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	81.59	50uL	2	------		07/08/10 12:15:30 PM
2	83.14	50uL	2	------		07/08/10 12:16:46 PM
3	83.68	50uL	2	------		07/08/10 12:18:30 PM
4	82.47	50uL	2	------		07/08/10 12:19:59 PM

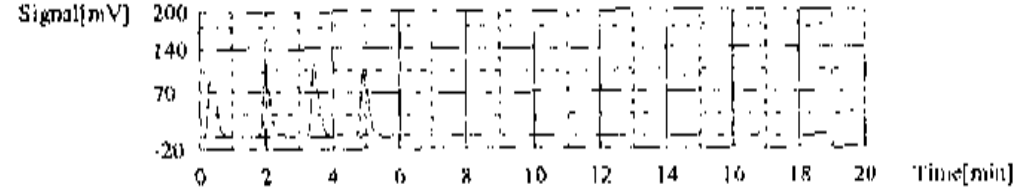
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 82.82



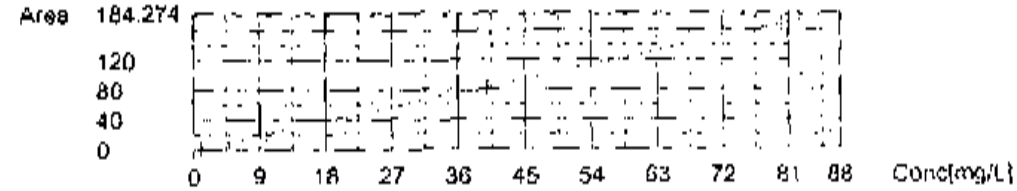
Conc. 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	168.1	50uL	1	------		07/08/10 12:26:12 PM
2	168.6	50uL	1	------		07/08/10 12:27:51 PM
3	170.1	50uL	1	------		07/08/10 12:29:26 PM
4	165.4	50uL	1	------		07/08/10 12:31:11 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 168.1



Slope 2.094
Intercept 0.000
r^2 0.99999



Control Sample

Sample Name: ICV
Sample ID: TCG004-02
Method: TCG004.tpl
Chk. Result: Control value 25.14 / Control exceeds range!

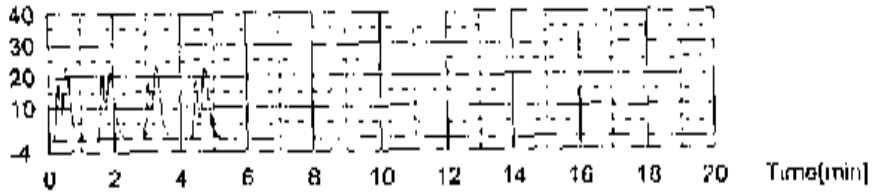
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.14 mg/L

1 - Det

Anal : NPOC

No.	Area	Conc	Inj. Vol.	Aut. Dil.	Ex	Cal. Curve	Date / Time
1	51.50	24.59mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:39:16 PM
2	52.62	25.13mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:40:49 PM
3	53.35	25.46mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:42:25 PM
4	53.07	25.33mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:43:59 PM

Mean Area: 52.63
Mean Conc.: 25.14mg/L



Sample

Sample Name: ICB
Sample ID: TCG004-03
Origin: TCG004.cal
Chk. Result

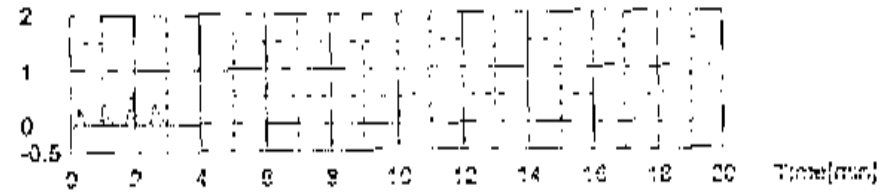
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2109 mg/L

1 - Det

Anal. : NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex	Cal. Curve	Date / Time
1	0.4011	0.1915mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:51:12 PM
2	0.4910	0.2345mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:52:10 PM
3	0.3686	0.1760mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:53:08 PM
4	0.5051	0.2414mg/L	50uL	1		TCG004.2010_07_08_11_22_17.cal	07/08/10 12:54:10 PM

Mean Area: 0.4416
Mean Conc: 0.2109mg/L



8756

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 7/6/10 18:05

end (date & time) 7/6/10 19:59

TC6003W

106013-01,-02,-03

106004-01,-03,-04,-05

106020-01,02,03,04,05,06,07,08,09

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TC6003
Method File:	TC6003
Analytical Batch:	TC6003W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-03-296	1
S2		5
S3		10
S4		40
S5		80
S6		—
ICV/LCS	SW10B-03-295	25
CCV	SW10B-03-294	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

* all samples were preserved at pH ≤2

Analyzed By: [illegible]

Date: 7/6/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCG003-01	0A-123456	C:\Progr	1.000		
2	Control	NPOC	ICV	TCG003-02	0A-123456	C:\Progr	1.000	NPOC:25.14 mg/L	
3	Unknown	NPOC	ICB	TCG003-03	0A-123456	C:\Progr	1.000	NPOC:0.09454 mg/L	
4	Unknown	NPOC	HCO3/CO3	TCG003-04	0A-123456	C:\Progr	1.000	NPOC:0.1184 mg/L	
5	Unknown	NPOC	TCG003WB	TCG003-05	0A-123456	C:\Progr	1.000	NPOC:0.09475 mg/L	
6	Unknown	NPOC	TCG003WL	TCG003-06	0A-123456	C:\Progr	1.000	NPOC:25.10 mg/L	
7	Unknown	NPOC	TCG003WC	TCG003-07	0A-123456	C:\Progr	1.000	NPOC:25.26 mg/L	
8	Unknown	NPOC	10G013-01	TCG003-08	0A-123456	C:\Progr	1.000	NPOC:0.8041 mg/L	
9	Unknown	NPOC	10G013-02	TCG003-09	0A-123456	C:\Progr	1.000	NPOC:11.43 mg/L	
10	Unknown	NPOC	10G013-03	TCG003-10	0A-123456	C:\Progr	1.000	NPOC:2.330 mg/L	
11	Control	NPOC	CCV1	TCG003-11	0A-123456	C:\Progr	1.000	NPOC:25.17 mg/L	
12	Unknown	NPOC	CCB1	TCG003-12	0A-123456	C:\Progr	1.000	NPOC:0.1250 mg/L	
13	Unknown	NPOC	10G004-01	TCG003-13	0A-123456	C:\Progr	1.000	NPOC:1.059 mg/L	
14	Unknown	NPOC	10G004-03	TCG003-14	0A-123456	C:\Progr	1.000	NPOC:1.212 mg/L	
15	Unknown	NPOC	10G004-04	TCG003-15	0A-123456	C:\Progr	1.000	NPOC:1.317 mg/L	
16	Unknown	NPOC	10G004-04D	TCG003-16	0A-123456	C:\Progr	1.000	NPOC:1.329 mg/L	
17	Unknown	NPOC	10G004-04M	TCG003-17	0A-123456	C:\Progr	1.000	NPOC:26.81 mg/L	
18	Unknown	NPOC	10G004-04S	TCG003-18	0A-123456	C:\Progr	1.000	NPOC:26.49 mg/L	
19	Unknown	NPOC	10G004-05	TCG003-19	0A-123456	C:\Progr	1.000	NPOC:2.650 mg/L	
20	Control	NPOC	CCV2	TCG003-20	0A-123456	C:\Progr	1.000	NPOC:25.28 mg/L	
21	Unknown	NPOC	CCB2	TCG003-21	0A-123456	C:\Progr	1.000	NPOC:0.1794 mg/L	
22	Unknown	NPOC	10G020-01	TCG003-22	0A-123456	C:\Progr	1.000	NPOC:1.625 mg/L	
23	Unknown	NPOC	10G020-02	TCG003-23	0A-123456	C:\Progr	1.000	NPOC:0.9005 mg/L	
24	Unknown	NPOC	10G020-03	TCG003-24	0A-123456	C:\Progr	1.000	NPOC:3.338 mg/L	
25	Unknown	NPOC	10G020-04	TCG003-25	0A-123456	C:\Progr	1.000	NPOC:3.748 mg/L	
26	Unknown	NPOC	10G020-05	TCG003-26	0A-123456	C:\Progr	1.000	NPOC:205.0 mg/L	← RK
27	Unknown	NPOC	10G020-06	TCG003-27	0A-123456	C:\Progr	1.000	NPOC:31.99 mg/L	←
28	Unknown	NPOC	10G020-07	TCG003-28	0A-123456	C:\Progr	1.000	NPOC:0.9430 mg/L	←
29	Unknown	NPOC	10G020-08	TCG003-29	0A-123456	C:\Progr	1.000	NPOC:152.7 mg/L	←
30	Unknown	NPOC	10G020-09	TCG003-30	0A-123456	C:\Progr	1.000	NPOC:1.202 mg/L	←
31	Control	NPOC	CCV3	TCG003-31	0A-123456	C:\Progr	1.000	NPOC:25.24 mg/L	
32	Unknown	NPOC	CCB3	TCG003-32	0A-123456	C:\Progr	1.000	NPOC:0.1288 mg/L	
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45								FINAL	
46									
47									
48									
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51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64								7/7/10	
65									
66									
67									

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Col Length	long

Cal. Curve

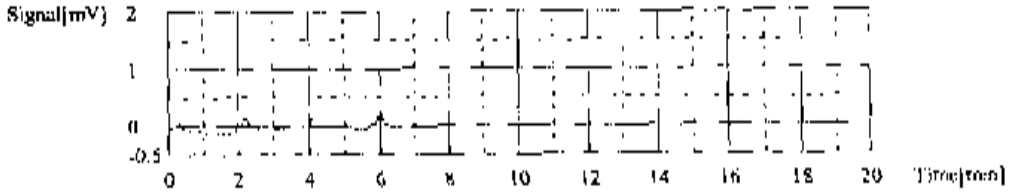
Sample Name:	ICAL
Sample ID:	TC0003-01
Cal. Curve	TC0003.2010 07_06_12_56_40.cal

Type	Area
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	0.000	50uL	1			07/06/10 01:09:15 PM
2	0.000	50uL	1			07/06/10 01:09:19 PM
3	0.000	50uL	1			07/06/10 01:09:24 PM
4	0.000	50uL	1			07/06/10 01:11:29 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 0.000



Conc: 1.000mg/L

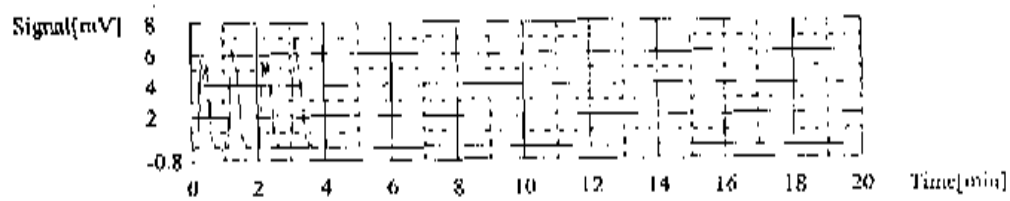
No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	2.145	50uL	10			07/06/10 01:19:35 PM
2	2.236	50uL	10			07/06/10 01:20:37 PM
3	2.274	50uL	10			07/06/10 01:21:47 PM
4	2.314	50uL	10			07/06/10 01:22:54 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 2.242

Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.71	50uL	2			07/06/10 01:28:05 PM
2	10.87	50uL	2			07/06/10 01:30:12 PM
3	10.93	50uL	2			07/06/10 01:31:20 PM
4	10.98	50uL	2			07/06/10 01:32:28 PM

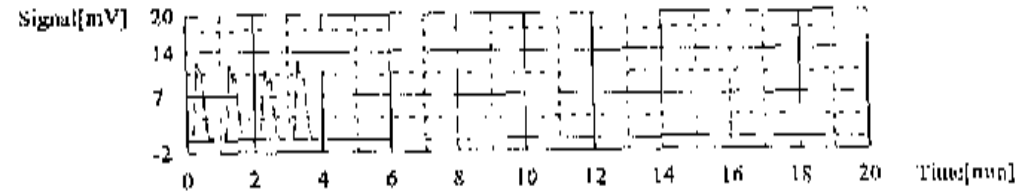
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 10.N7



Conc. 10.00mg/L

No.	Area	Inj. Vol.	Aut Dil.	Rem.	Ex	Date / Time
1	21.47	50uL	1			07/06/10 01:38:00 PM
2	21.96	50uL	1			07/06/10 01:39:11 PM
3	21.84	50uL	1			07/06/10 01:40:24 PM
4	21.69	50uL	1			07/06/10 01:41:32 PM

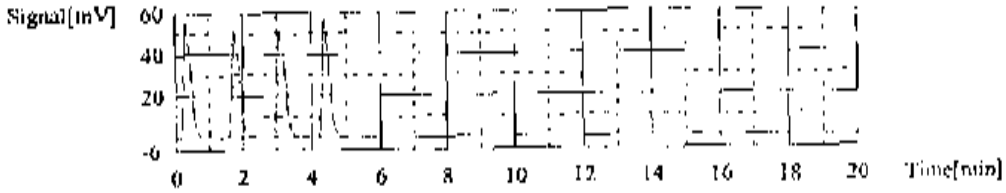
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.72



Conc. 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex	Date / Time
1	82.94	50uL	2			07/06/10 01:50:08 PM
2	84.36	50uL	2			07/06/10 01:51:40 PM
3	84.15	50uL	2			07/06/10 01:53:08 PM
4	83.84	50uL	2			07/06/10 01:54:35 PM

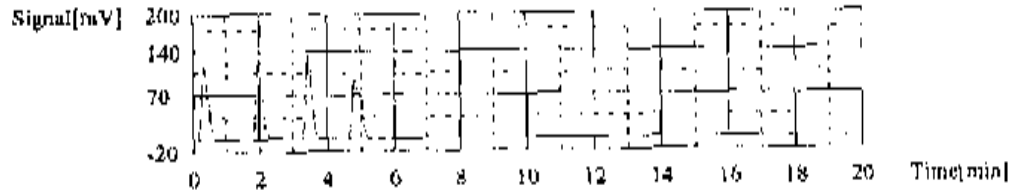
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 83.70



Conc. 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex	Date / Time
1	168.7	50uL	1			07/06/10 02:00:46 PM
2	171.5	50uL	1			07/06/10 02:02:26 PM
3	169.8	50uL	1			07/06/10 02:03:59 PM
4	170.0	50uL	1			07/06/10 02:05:38 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 170.0



Slope 2.118
Intercept 0.000
r^2 0.999925

Control Sample

Sample Name: ICV
Sample ID: TCG003-02
Method: TCG003.tpl
Chk. Result: Control value: 25.14 / Control exceeds range!

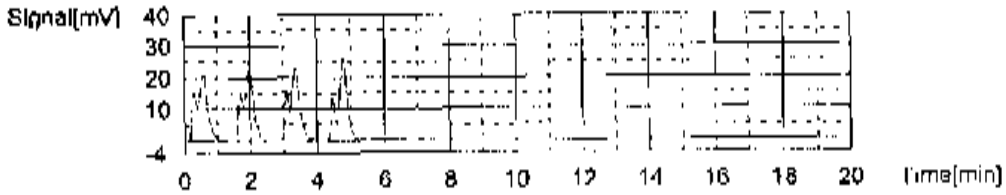
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.14 mg/L

1. Det.

Anal : NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	52.73	24.90mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:13:46 PM
2	53.43	25.24mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:15:20 PM
3	53.31	25.17mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:16:53 PM
4	53.43	25.25mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:18:29 PM

Mean Area: 53.24
Mean Conc.: 25.14mg/L



Sample

Sample Name: ICB
Sample ID: TCG003-03
Origin: TCG003.cal
Chk. Result:

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.09454 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.1623	0.07663mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:25:37 PM
2	0.1419	0.06705mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:26:25 PM
3	0.1685	0.07956mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:27:13 PM
4	0.3282	0.1550mg/L	50uL	1		TCG003.2010_07_06_12_56_40.cal	07/06/10 02:28:12 PM

Mean Area: 0.2002
Mean Conc.: 0.09454mg/L

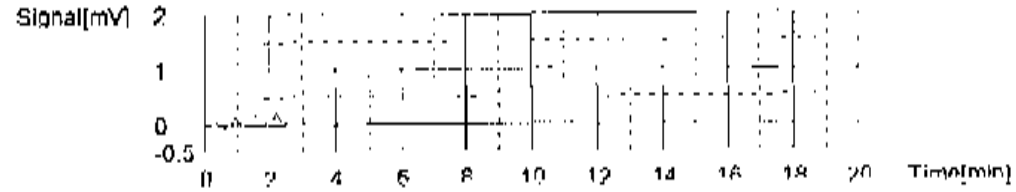


TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10G092**

SECTION		PAGE
Cover Letter, COC/Sample Receipt Form		1000 – 1003
GC/MS-VOA	METHOD 5030B/8260B	2000 – 2027
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD 5030B/M8015	4000 – 4020
GC-SVOA	METHOD 3520C/8015 MOD	5000 – 5026
HPLC	**	6000 –
METALS	**	7000 –
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 07-30-2010
EMAX Batch No.: 10G092

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 07/12/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
T-07	G092-01	07/12/10	WATER	VOLATILE ORGANICS BY GC/MS
				TPH DIESEL
				TPH GASOLINE

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801_

CHAIN OF CUSTODY

EMAX LABORATORIES INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-8818
Email: info@emaxlabs.com

PO NUMBER: 4-14114
SAMPLE STORAGE:
EMAX CONTROL NO.*: 106092
PROJECT CODE:

CLIENT: IEEC
PROJECT: NWS - SEAL BEACH
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6300 FAX: EMAIL: nweinberger@ieec.com
SEND REPORT TO: NICK WEINBERGER
COMPANY: IEEC
ADDRESS: 3010 E. MIRA LOMA AVE.
ANAHEIM CA 92806
EMAX PM: YE MYINT

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SL=Solid Waste, Sludge; SS=Soil/Sediment; WP=Wipes, Product, Product; AIR=Air; O=

PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOC 8260B; TPH GASOLINE; TPH DIESEL BOTH

TAT: ☐ Rush ____ hrs. ☒ Rush 10 days ☐ 7 days ☐ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

SAMPLE ID LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	SAMPLING DATE	SAMPLING TIME	CONTAINER NO.	CONTAINER SIZE	CONTAINER TYPE	MATRIX CODE	QC	VOC	TPH GASOLINE	TPH DIESEL BOTH	COMMENTS
1	T-07	ER70	7-12-10	0800	8	VAR	VAR	GW	TR	X	X	X	
2													
3													
4													
5													
6													
7													
8													
9													
10													

Instructions

Cooler #	Temp. (°C)	Sample #s
1	4.2	

SAMPLER: B. Sober 7/12/10

COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible]	7/12/10	1520	Keith Stout
Keith Stout	7/12/10	1550	[illegible]

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and documentation received after 1500 hrs. TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 60days (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	RCN 06092
☑ EMAX Courier	GEC	Receipt G-LUNA
☐ Client Delivery		Date 7-12-10
☐ Third Party		Time 1550

COC Inspection

☑ Client Name ☑ PM/PC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ CW / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ TAT
Safety Issues ☐ [illegible] ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments.

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Paperm	☐ Sufficient	☐
Temperatures (Cool, <6 °C but not frozen)	☑ Cooler 1 4.2 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments. ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Liboling ____ SRF ____ PM LP for Ye

Date 7/12/10 Date 7/12/10 Date ____

LEGEND:

Code Description- Sample Management

A1 Analysis is not indicated in COC
A2 Analysis is not indicated in label
A3 Analysis is inconsistent in COC vis-a-vis label
A4 ____
B1 Sample ID is not indicated in COC
B2 Sample ID is not indicated in label
B3 Sample ID is inconsistent in COC vis-a-vis label
B4 ____
C1 Wrong container
C2 Broken container
C3 Leaking container
C4 ____

Code Description-Sample Management

D1 Date and/or time is not indicated in COC
D2 Date and/or time is not indicated in label
D3 Date and/or time is inconsistent in COC vis-a-vis label
E1 Insufficient preservative
E2 Improper preservation
F1 Insufficient Sample
F2 Bubble in - Gram
G1 Temperature is out of range
G2 Out of Holding Time
G3 >20 % solid particle
H1 ____
H2 ____

Code Description-Project Management

R1 Hold sample(s); wait for further instruction
R2 Proceed as indicated in COC
R3 Refer to attached instruction
R4 Cancel the analysis
R5 ____
R6 ____

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10G092

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G092

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

One (1) water sample was received on 07/12/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for VO05G11L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10G092
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V005G11B	1	NA	07/14/1014:03	07/14/1014:03	R00190	RF0358	V005G11	Method Blank
LCS1W	V005G11L	1	NA	07/14/1011:53	07/14/1011:53	R00186	RF0358	V005G11	Lab Control Sample (LCS)
LCD1W	V005G11C	1	NA	07/14/1012:32	07/14/1012:32	R00187	RF0358	V005G11	LCS Duplicate
T-07	G092-01	1	NA	07/14/1016:05	07/14/1016:05	R00194	RF0358	V005G11	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	07/12/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/12/10
Batch No.	: 100092	Date Extracted:	07/14/10 16:05
Sample ID:	T-07	Date Analyzed:	07/14/10 16:05
Lab Samp ID:	6092-01	Dilution Factor:	1
Lab File ID:	RGB194	Matrix	: WATER
Ext Btch ID:	VO05G11	% Moisture	: NA
Calib. Ref.:	RF0358	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.30
1,1-DICHLOROETHANE	ND	1.0	0.30
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.50
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.30
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.52J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	3.1	1.0	0.30
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.50
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROEYHENE	ND	1.0	0.20
TRICHLOROETHENE	0.33J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.23J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	116	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	103	70-140

QC SUMMARIES

2005

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/14/10
Batch No.	: 100092	Date Extracted:	07/14/10 14:03
Sample ID:	MBLK1W	Date Analyzed:	07/14/10 14:03
Lab Samp ID:	V005G11H	Dilution Factor:	1
Lab File ID:	R00190	Matrix	: WATER
Ext Btch ID:	V005G11	% Moisture	: NA
Calib. Ref.:	RF0358	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N BUTYLBENZENE	ND	1.0	0.20
N PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	102	70-130

FMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10G092
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005G11B	V005G11L	V005G11C		
LAB FILE ID:	RG0190	RG0186	RG0187		
DATE EXTRACTED:	07/14/1014:03	07/14/1011:53	07/14/1012:32	DATE COLLECTED:	NA
DATE ANALYZED:	07/14/1014:03	07/14/1011:53	07/14/1012:32	DATE RECEIVED:	07/14/10
PREP. BATCH:	V005G11	V005G11	V005G11		
CALIB. REF:	RF0358	RF0358	RF0358		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.45	95	10.0	9.37	94	1	60-130	30
Benzene	ND	10.0	9.74	97	10.0	9.54	95	2	70-130	30
Chlorobenzene	ND	10.0	9.62	96	10.0	9.53	95	1	70-130	30
Toluene	ND	10.0	9.69	97	10.0	9.60	96	1	70-130	30
Trichloroethene	ND	10.0	9.21	92	10.0	8.99	90	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.9	109	10.0	10.9	109	70-140
4-Bromofluorobenzene	10.0	10.7	107	10.0	10.5	105	70-130
Toluene-d8	10.0	10.3	103	10.0	10.1	101	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RFQ352
Instrument ID: TQ05
GC Column:RTX502.2ID;0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 100092
BFB Injection Date : 06/19/10
BFB Injection Time : 09:37
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.53
75	30.0 - 60.0% of mass 95	47.08
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.82
173	Less than 2.0% of mass 174	0.00(0.01)
174	Greater than 50% of mass 95	75.63
175	5.0 - 9.0% of mass 174	5.85(7.73)
176	95.0 - 101.0% of mass 174	72.00(95.23)
177	5.0 - 9.0% of mass 176	5.30(7.42)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	VQ05F191	RFQ353	06/19/10	10:17
2	VSTD0.5	VQ05F192	RFQ354	06/19/10	10:47
3	VSTD01	VQ05F193	RFQ355	06/19/10	11:17
4	VSTD02	VQ05F194	RFQ356	06/19/10	11:47
5	VSTD05	VQ05F195	RFQ357	06/19/10	12:16
6	VSTD010	VQ05F196	RFQ358	06/19/10	12:46
7	VSTD020	VQ05F197	RFQ359	06/19/10	13:16
8	VSTD030	VQ05F198	RFQ360	06/19/10	13:45
9	VSTD040	VQ05F199	RFQ361	06/19/10	14:15
10	VSTD050	VQ05F1910	RFQ362	06/19/10	14:46
11	VSTD100	VQ05F1911	RFQ363	06/19/10	15:15
12	VSTD010	IVQ05F1901	RFQ366	06/19/10	16:44

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

estrument ID :TQ05
eginning DateTime :06/19/10 10:17
pike Units :PPB
: File :RFQ358

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :06/19/10 15:15
HPChem Method :V005F19

IDX	Parameters	.5 10:17 RFQ353	.5 10:47 RFQ354	1 11:17 RFQ355	2 11:47 RFQ356	5 12:16 RFQ357	10 12:46 RFQ358	20 13:16 RFQ359	30 13:45 RFQ360	40 14:15 RFQ361	50 14:46 RFQ362	100 15:15 RFQ363	Av_RRF	%_RSD	Av_Rt_M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1580
2	Dichlorodifluoromethane	0.355	0.350	0.386	0.380	0.383	0.384	0.362	0.352	0.389	0.399	0.376	0.374	4.47	2.0064
3	Chloromethane	0.421	0.406	0.457	0.468	0.428	0.443	0.435	0.411	0.449	0.470	0.449	0.440	4.90	2.2848
4	Vinyl chloride	0.344	0.355	0.398	0.409	0.379	0.362	0.313	0.299	0.322	0.334	0.312	0.348	10.49	2.4131
5	Bromomethane	0.304	0.273	0.290	0.276	0.252	0.267	0.271	0.266	0.302	0.321	0.310	0.285	7.70	2.9374
6	Chloroethane	0.305	0.317	0.295	0.298	0.289	0.291	0.277	0.272	0.296	0.307	0.293	0.295	4.34	3.0373
7	Dichlorofluoromethane	0.747	0.796	0.800	0.766	0.739	0.774	0.783	0.721	0.778	0.851	0.823	0.780	4.81	3.0846
8	Trichlorofluoromethane	0.411	0.435	0.507	0.497	0.508	0.508	0.475	0.466	0.518	0.540	0.527	0.490	8.06	3.3549
9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
10	Acrolein	------	------	------	------	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	6.24	3.8446
11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.220	0.214	0.228	0.213	0.213	0.223	0.223	0.207	0.221	0.238	0.228	0.221	3.97	3.9007
12	Acetone	------	0.043	0.037	0.037	0.033	0.033	0.033	0.031	0.031	0.035	0.036	0.035	9.69	3.9223
13	1,1-Dichloroethene	0.530	0.543	0.543	0.539	0.525	0.547	0.545	0.501	0.542	0.587	0.580	0.544	4.35	4.0980
14	tert-Butyl alcohol	------	------	0.011	0.013	0.011	0.012	0.012	0.011	0.011	0.013	0.013	0.012	8.73	4.1900
15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	0.295	0.308	0.361	0.404	0.428	0.446	0.447	0.416	0.447	0.472	0.417	0.404	14.47	4.4776
17	Methyl acetate	------	0.122	0.100	0.115	0.111	0.098	0.083	0.086	0.086	0.097	0.096	0.099	13.11	4.5005
18	Methylene chloride	0.382	0.404	0.375	0.389	0.366	0.374	0.377	0.353	0.368	0.406	0.394	0.381	4.29	4.6913
19	Carbon disulfide	1.270	1.189	1.166	1.132	1.076	1.131	1.146	1.078	1.160	1.264	1.239	1.168	5.73	4.7167
20	Acrylonitrile	0.041	0.047	0.039	0.042	0.039	0.041	0.041	0.039	0.040	0.045	0.046	0.042	6.57	4.8262
21	tert-Butyl methyl ether (MTBE)	0.500	0.552	0.510	0.533	0.499	0.514	0.510	0.470	0.482	0.547	0.549	0.515	5.33	4.9005
22	trans-1,2-Dichloroethene	0.506	0.532	0.520	0.545	0.495	0.521	0.517	0.484	0.515	0.550	0.534	0.517	3.51	5.0789
23	Isopropyl ether (DIPE)	0.971	1.029	0.993	1.025	0.966	1.015	1.008	0.929	0.973	1.077	1.065	1.005	4.40	5.4950
24	Vinyl acetate	0.259	0.278	0.312	0.346	0.334	0.332	0.311	0.305	0.319	0.349	0.339	0.317	8.90	5.6139
25	1,1-Dichloroethane	0.574	0.585	0.582	0.590	0.560	0.588	0.602	0.546	0.586	0.645	0.623	0.589	4.62	5.6166
26	2-Butanol	------	------	------	0.010	0.009	0.009	0.009	0.009	0.009	0.011	0.010	0.010	7.63	5.9092
27	tert-Butyl ethyl ether (ETBE)	0.737	0.824	0.778	0.818	0.771	0.798	0.791	0.726	0.757	0.850	0.857	0.792	5.43	6.0300
28	2-Butanone	------	0.061	0.051	0.059	0.052	0.054	0.054	0.052	0.052	0.059	0.061	0.056	7.40	6.1546
29	2,2-Dichloropropane	0.493	0.514	0.501	0.483	0.466	0.483	0.470	0.429	0.457	0.485	0.466	0.477	4.85	6.3795
30	cis-1,2-Dichloroethene	0.345	0.348	0.342	0.334	0.321	0.337	0.334	0.313	0.333	0.363	0.352	0.338	4.14	6.4165
31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
32	Chloroform	0.514	0.536	0.528	0.534	0.510	0.531	0.531	0.495	0.529	0.577	0.560	0.531	4.22	6.6272
33	Bromochloromethane	0.183	0.192	0.199	0.202	0.192	0.204	0.203	0.187	0.194	0.213	0.207	0.198	4.59	6.8448
34	Dibromofluoromethane	------	------	------	------	0.305	0.294	0.305	0.304	0.324	0.345	0.333	0.316	5.84	6.9211
35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	1,1,1-Trichloroethane	0.485	0.501	0.498	0.479	0.462	0.484	0.484	0.447	0.478	0.518	0.495	0.485	3.93	7.1893
37	Cyclohexane	0.526	0.521	0.487	0.559	0.533	0.507	0.518	0.503	0.541	0.563	0.534	0.527	4.37	7.2325
38	tert-Amyl methyl ether (TAME)	0.118	0.124	0.116	0.124	0.121	0.129	0.124	0.116	0.119	0.134	0.133	0.124	4.97	7.5757
39	1,2-Dichloroethane-d4	------	------	------	------	0.221	0.212	0.217	0.213	0.226	0.244	0.238	0.224	5.45	7.6048
40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.8882
41	1,1-Dichloropropene	0.221	0.200	0.206	0.203	0.196	0.207	0.201	0.190	0.205	0.218	0.211	0.205	4.38	7.4082
42	Carbon tetrachloride	0.512	0.518	0.537	0.512	0.508	0.530	0.509	0.481	0.527	0.562	0.542	0.522	4.11	7.5460
43	1,2-Dichloroethane	0.340	0.372	0.353	0.351	0.333	0.347	0.338	0.315	0.333	0.370	0.364	0.347	5.10	7.7284
44	Benzene	1.541	1.531	1.535	1.488	1.433	1.488	1.455	1.369	1.495	1.634	1.584	1.505	4.82	7.7689
45	Trichloroethene	0.542	0.476	0.460	0.433	0.421	0.429	0.415	0.390	0.425	0.461	0.443	0.445	9.03	8.6458
46	Methylcyclohexane	0.401	0.475	0.449	0.566	0.551	0.508	0.549	0.539	0.591	0.615	0.591	0.530	12.44	8.7647
47	1,2-Dichloropropane	0.350	0.371	0.362	0.352	0.345	0.354	0.347	0.325	0.349	0.380	0.373	0.355	4.37	8.8917
48	Bromodichloromethane	0.470	0.466	0.455	0.444	0.427	0.446	0.436	0.410	0.438	0.488	0.477	0.451	5.15	9.2254
49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	6.35	9.2514
50	Dibromomethane	0.136	0.156	0.150	0.157	0.151	0.158	0.151	0.142	0.154	0.171	0.168	0.154	6.52	9.2997
51	2-Chloroethyl vinyl ether	0.105	0.120	0.116	0.126	0.120	0.123	0.121	0.115	0.117	0.132	0.126	0.120	5.91	9.6915
52	4-Methyl-2-pentanone	0.182	0.199	0.170	0.181	0.176	0.176	0.171	0.166	0.169	0.191	0.188	0.179	5.81	9.7456
53	cis-1,3-Dichloropropene	0.495	0.517	0.506	0.517	0.492	0.517	0.503	0.474	0.507	0.562	0.548	0.513	4.90	10.0563
54	Toluene-d8	------	------	------	------	1.198	1.151	1.173	1.183	1.302	1.377	1.324	1.244	7.10	10.4434
55	Toluene	1.421	1.400	1.458	1.401	1.380	1.431	1.417	1.345	1.483	1.627	1.579	1.449	5.86	10.5670
56	Ethyl methacrylate	0.268	0.320	0.266	0.281	0.247	0.252	0.253	0.236	0.247	0.284	0.272	0.266	8.79	10.8413
57	trans-1,3-Dichloropropene	0.357	0.357	0.372	0.378	0.368	0.383	0.379	0.356	0.377	0.425	0.412	0.379	5.86	10.8319
58	1,1,2-Trichloroethane	0.182	0.187	0.191	0.195	0.183	0.187	0.187	0.174	0.185	0.209	0.202	0.189	5.06	11.3832
59	2-Hexanone	0.104	0.114	0.101	0.122	0.104	0.108	0.107	0.103	0.104	0.118	0.115	0.109	6.35	11.1115
60	1,3-Dichloropropane	0.338	0.366	0.355	0.363	0.342	0.358	0.354	0.334	0.351	0.397	0.385	0.358	5.34	11.4858
61	Tetrachloroethene	0.283	0.301	0.310	0.300	0.297	0.304	0.305	0.287	0.309	0.335	0.320	0.305	4.79	11.6182
62	Dibromochloromethane	0.268	0.279	0.276	0.283	0.266	0.283	0.283	0.269	0.286	0.319	0.310	0.284	5.91	11.9100
63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

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64	1,2-Dibromoethane	0.188	0.201	0.209	0.217	0.201	0.210	0.209	0.195	0.206	0.234	0.224	0.208	6.22	12.2424
65	1-Chlorohexane	0.594	0.591	0.616	0.599	0.612	0.634	0.638	0.594	0.654	0.698	0.655	0.626	5.39	12.5559
66	Chlorobenzene	0.917	0.940	0.936	0.934	0.906	0.947	0.955	0.891	0.954	1.044	0.993	0.947	4.46	12.9545
67	1,1,1,2-Tetrachloroethane	0.305	0.325	0.318	0.309	0.302	0.312	0.319	0.297	0.322	0.349	0.333	0.317	4.70	13.0288
68	Ethylbenzene	1.641	1.651	1.691	1.659	1.629	1.696	1.736	1.618	1.767	1.896	1.716	1.700	4.71	13.3585
2 69	m-Xylene & p-Xylene	1.249	1.245	1.289	1.280	1.257	1.319	1.346	1.238	1.360	1.446	------	1.303	5.06	13.1922
70	o-Xylene	1.231	1.243	1.280	1.241	1.224	1.261	1.310	1.180	1.275	1.363	1.292	1.264	3.85	13.9245
71	Styrene	0.928	0.964	0.983	0.952	0.941	1.001	1.018	0.923	0.990	1.069	1.028	0.982	4.65	13.9812
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7430
73	Bromoform	0.352	0.364	0.401	0.414	0.389	0.424	0.410	0.384	0.421	0.470	0.447	0.407	8.47	14.5298
74	Isopropylbenzene	4.842	4.515	5.031	4.700	4.870	5.201	5.063	4.664	5.347	5.642	5.119	5.000	6.55	14.5609
75	1,1,2,2-Tetrachloroethane	0.689	0.735	0.672	0.676	0.630	0.666	0.636	0.590	0.636	0.714	0.667	0.665	6.14	14.8298
76	4-Bromofluorobenzene	------	------	------	------	1.281	1.248	1.256	1.233	1.376	1.431	1.298	1.303	5.64	14.9763
77	1,2,3-Trichloropropane	0.141	0.151	0.157	0.176	0.158	0.173	0.167	0.154	0.163	0.185	0.175	0.163	7.95	15.0932
78	trans-1,4-Dichloro-2-butene	------	0.196	0.190	0.196	0.190	0.200	0.188	0.180	0.192	0.215	------	0.194	4.98	15.2186
79	n-Propylbenzene	6.058	5.820	6.373	6.021	6.217	6.567	6.376	5.926	6.732	7.151	------	6.324	6.46	15.2610
80	Bromobenzene	1.016	0.970	1.023	0.979	0.990	1.054	1.011	0.943	1.055	1.155	------	1.020	5.81	15.3042
81	1,3,5-Trimethylbenzene	3.814	3.709	4.019	3.755	3.917	4.153	3.967	3.700	4.139	4.430	4.007	3.965	5.59	15.5528
82	2-Chlorotoluene	3.995	3.836	4.026	3.722	3.873	4.089	3.963	3.622	4.041	4.371	3.879	3.947	5.04	15.5555
83	4-Chlorotoluene	3.193	3.179	3.410	3.412	3.305	3.471	3.349	3.157	3.586	3.775	3.487	3.393	5.52	15.6447
84	tert-Butylbenzene	0.761	0.784	0.844	0.814	0.858	0.895	0.842	0.799	0.892	0.955	0.869	0.847	6.62	16.1811
85	1,2,4-Trimethylbenzene	3.715	3.633	3.842	3.625	3.807	3.987	3.839	3.595	4.034	4.318	3.962	3.851	5.62	16.2433
86	sec-Butylbenzene	4.959	4.720	5.339	4.935	5.327	5.520	5.235	5.032	5.699	6.000	5.350	5.283	6.98	16.5675
87	p-Isopropyltoluene	4.104	3.835	4.279	4.020	4.344	4.556	4.366	4.139	4.654	4.952	4.517	4.342	7.31	16.8202
88	1,3-Dichlorobenzene	1.792	1.858	1.924	1.852	1.888	2.023	1.942	1.815	2.034	2.186	2.016	1.939	6.04	16.9485
89	1,4-Dichlorobenzene	1.821	1.785	1.834	1.807	1.835	1.927	1.862	1.751	1.954	2.101	1.931	1.873	5.27	17.1377
90	Benzyl Chloride	0.962	0.974	0.903	0.952	0.918	0.970	0.918	0.848	0.890	0.998	0.920	0.932	4.70	17.3403
91	n-Butylbenzene	3.838	3.620	4.062	3.800	4.042	4.302	4.162	3.935	4.436	4.679	4.321	4.109	7.55	17.5806
92	1,2-Dichlorobenzene	1.493	1.459	1.510	1.490	1.492	1.550	1.542	1.428	1.582	1.726	1.598	1.534	5.32	17.7916
93	1,2-Dibromo-3-chloropropane	------	0.085	0.072	0.086	0.082	0.092	0.089	0.083	0.093	0.104	0.101	0.088	10.29	18.9304
94	1,2,4-Trichlorobenzene	0.846	0.814	0.878	0.827	0.903	0.947	0.925	0.875	0.952	1.050	0.969	0.908	7.71	19.9155
95	Hexachlorobutadiene	0.600	0.531	0.596	0.550	0.614	0.634	0.589	0.593	0.653	0.697	0.631	0.608	7.63	20.0736
96	Naphthalene	1.251	1.304	1.292	1.242	1.283	1.363	1.324	1.264	1.387	1.591	1.484	1.344	8.04	20.1642
97	1,2,3-Trichlorobenzene	0.654	0.609	0.664	0.640	0.705	0.740	0.709	0.671	0.731	0.814	0.751	0.699	8.39	20.4168

pike Amount = Nominal Amount * M
ve_%RSD : 6.2 Max_%RSD : 14.5

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

strument ID :TOO5
ginning DateTime :06/19/10 10:17
ike Units :PPB
File :RFQ358

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :06/19/10 15:15
HPChem Method :V005F19

IDX	Parameters	.5 10:17 RFQ353	.5 10:47 RFQ354	1 11:17 RFQ355	2 11:47 RFQ356	5 12:16 RFQ357	10 12:46 RFQ358	20 13:16 RFQ359	30 13:45 RFQ360	40 14:15 RFQ361	50 14:46 RFQ362	100 15:15 RFQ363	AvDRec	% RSD	Av Rt M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1580
2	Dichlorodifluoromethane	95	94	103	102	102	103	97	94	104	107	101	3.8	4.47	2.0064
3	Chloromethane	96	92	104	106	97	101	99	93	102	107	102	4	4.90	2.2848
4	Vinyl chloride	99	102	114	118	109	104	90	86	93	96	90	8.5	10.49	2.4131
5	Bromomethane	107	96	102	97	88	94	95	93	106	113	109	6.6	7.70	2.9374
6	Chloroethane	103	107	100	101	98	99	94	92	100	104	99	3.1	4.34	3.0373
7	Dichlorofluoromethane	96	102	103	98	95	99	101	92	100	109	106	3.6	4.81	3.0846
8	Trichlorofluoromethane	84	89	103	101	104	104	97	95	106	110	108	6.5	8.06	3.3549
9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
10	Acrolein	------	------	------	------	120	100	100	100	100	100	100	2.9	6.24	3.8446
11	1,1,2-Trichloro-1,2,2-trifluoroethane	100	97	103	96	96	101	101	94	100	108	103	3	3.97	3.9007
12	Acetone	------	123	106	106	94	94	94	89	89	100	103	7.7	9.69	3.9223
13	1,1-Dichloroethene	97	100	100	99	97	101	100	92	100	108	107	2.8	4.35	4.0980
14	tert-Butyl alcohol	------	------	92	108	92	100	100	92	92	108	108	6.5	8.73	4.1930
15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	73	76	89	100	106	110	111	103	111	117	103	11.[illegible]	14.47	4.4776
17	Methyl acetate	------	123	101	116	112	99	84	87	87	98	97	10.[illegible]	13.11	4.5005
18	Methylene chloride	100	106	98	102	96	98	99	93	97	107	103	3.4	4.29	4.6911
19	Carbon disulfide	109	102	100	97	92	97	98	92	99	108	106	4.5	5.73	4.7167
20	Acrylonitrile	98	112	93	100	93	98	98	93	95	107	110	5.6	6.57	4.8262
21	tert-Butyl methyl ether (MTBE)	97	107	99	103	97	100	99	91	94	106	107	4.3	5.33	4.9005
22	trans-1,2-Dichloroethene	98	103	101	100	96	101	100	94	100	106	103	2.5	3.51	5.0789
23	Isopropyl ether (DIPE)	97	102	99	102	96	101	100	92	97	107	106	3.5	4.40	5.4950
24	Vinyl acetate	82	88	98	109	105	105	98	96	101	110	107	6.8	8.90	5.6139
25	1,1-Dichloroethane	97	99	99	100	95	100	102	93	99	110	106	3.2	4.62	5.6166
26	2-Butanol	------	------	------	100	90	90	90	90	90	110	100	7.5	7.63	5.9092
27	tert-Butyl ethyl ether (ETBE)	93	104	98	103	97	101	100	92	96	107	108	4.4	5.43	6.0300
28	2-Butanone	------	109	91	105	93	96	96	93	93	105	109	6.6	7.40	6.1546
29	2,2-Dichloropropane	103	108	105	101	98	101	99	90	96	102	98	3.7	4.85	6.3705
30	cis-1,2-Dichloroethene	102	103	101	99	95	100	99	93	99	107	104	3.1	4.14	6.4165
31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
32	Chloroform	97	101	99	101	96	100	100	93	100	109	105	2.8	4.22	6.6272
33	Bromochloromethane	92	97	101	102	97	103	103	94	98	108	105	3.8	4.59	6.8448
34	Dibromofluoromethane	------	------	------	------	97	93	97	96	103	109	105	5	5.84	6.9211
35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	1,1,1-Trichloroethane	100	103	103	99	95	100	100	92	99	107	102	2.8	3.93	7.1893
37	Cyclohexane	100	99	92	106	101	96	98	95	103	107	101	3.4	4.37	7.2325
38	tert-Amyl methyl ether (TAME)	95	100	94	100	98	104	100	94	96	108	107	4	4.97	7.5757
39	1,2-Dichloroethane-d4	------	------	------	------	99	95	97	95	101	109	106	4.4	5.45	7.6048
40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.8882
41	1,1-Dichloropropene	100	98	100	99	96	101	98	93	100	106	103	3.2	4.38	7.4082
42	Carbon tetrachloride	98	99	103	98	97	102	98	92	101	108	104	3.1	4.11	7.5460
43	1,2-Dichloroethane	98	107	102	101	96	100	97	91	96	107	105	4	5.10	7.7284
44	Benzene	102	102	102	99	95	99	97	91	99	109	105	3.6	4.82	7.7689
45	Trichloroethene	122	107	103	97	95	96	93	88	96	104	100	6.5	9.03	8.6458
46	Methylcyclohexane	76	90	85	107	104	96	104	102	112	116	112	9.9	12.44	8.7647
47	1,2-Dichloropropane	99	105	102	99	97	100	98	92	98	107	105	3.3	4.37	8.8917
48	Bromodichloromethane	104	103	101	98	95	99	97	91	97	108	106	4.2	5.15	9.2254
49	1,4-Dioxane	------	------	100	100	100	100	100	100	100	100	100	0	6.35	9.2514
50	Dibromomethane	88	101	97	102	98	103	98	92	100	111	109	4.7	6.52	9.2997
51	2-Chloroethyl vinyl ether	88	100	97	105	100	102	101	96	98	110	105	4.2	5.91	9.6915
52	4-Methyl-2-pentanone	102	111	95	101	98	98	96	93	94	107	105	4.7	5.83	9.7456
53	cis-1,3-Dichloropropene	96	101	99	101	96	101	98	92	99	110	107	3.5	4.90	10.0563
54	Toluene-d8	------	------	------	------	96	93	94	95	105	111	106	6.2	7.10	10.4434
55	Toluene	98	97	101	97	95	99	98	93	102	112	109	4.4	5.86	10.5670
56	Ethyl methacrylate	101	120	103	106	93	95	95	89	93	107	102	6.5	8.79	10.84[illegible]3
57	trans-1,3-Dichloropropene	94	94	98	100	97	101	100	94	99	112	109	4.1	5.86	10.8319
58	1,1,2-Trichloroethane	96	99	101	103	97	99	99	92	98	111	107	3.8	5.06	11.0832
59	2-Hexanone	95	105	93	112	95	99	98	94	95	108	106	5.4	6.35	11.1115
60	1,3-Dichloropropane	94	102	99	101	96	100	99	93	98	111	108	3.9	5.34	11.4858
61	Tetrachloroethene	93	99	102	98	97	100	100	94	101	110	105	3.3	4.79	11.6182
62	Dibromochloromethane	94	98	97	100	94	100	100	95	101	112	109	4.1	5.91	11.9100
63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

64	1,2-Dibromoethane	90	97	100	104	97	101	100	94	99	112	108	4.5	6.22	12.2424
65	1-Chlorohexane	95	94	98	96	98	101	102	95	104	112	105	4.3	5.39	12.5559
66	Chlorobenzene	97	99	99	99	96	100	101	94	101	110	106	3	4.46	12.9545
67	1,1,1,2-Tetrachloroethane	96	103	100	97	95	98	101	94	102	110	105	3.6	4.70	13.0288
68	Ethylbenzene	97	97	99	98	96	100	102	95	104	112	101	3.4	4.71	13.0585
69	m-Xylene & p-Xylene	96	96	99	98	96	101	103	95	104	111	------	4	5.36	13.1922
70	o-Xylene	97	98	101	98	97	100	104	93	101	108	102	2.9	3.85	13.9245
71	Styrene	95	98	100	97	96	102	104	94	101	109	105	3.7	4.65	13.9812
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7430
73	Bromoform	86	89	99	102	96	104	101	94	103	115	110	6.5	8.47	14.5298
74	Isopropylbenzene	97	90	101	94	97	104	101	93	107	113	102	5.1	6.55	14.5609
75	1,1,2,2-Tetrachloroethane	104	111	101	102	95	100	96	89	96	107	100	4.5	6.14	14.8298
76	4-Bromofluorobenzene	------	------	------	------	98	96	96	95	106	110	100	4.4	5.64	14.9763
77	1,2,3-Trichloropropane	87	93	96	108	97	106	102	94	100	113	107	6.4	7.95	15.0932
78	trans-1,4-Dichloro-2-butene	------	103	98	101	98	103	97	93	99	111	------	3.5	4.98	15.2180
79	n-Propylbenzene	96	92	101	95	98	104	101	94	106	113	------	5	6.46	15.2610
80	Bromobenzene	100	95	100	96	97	103	99	92	103	113	------	4.1	5.81	15.3042
81	1,3,5-Trimethylbenzene	96	94	101	95	99	105	100	93	104	112	101	4.3	5.59	15.5528
82	2-Chlorotoluene	101	97	102	94	98	104	100	92	102	111	98	3.7	5.04	15.5555
83	4-Chlorotoluene	94	94	101	101	97	102	99	93	106	111	103	4.2	5.52	15.6647
84	tert-Butylbenzene	90	93	100	96	101	106	99	94	105	113	103	5.1	6.62	16.1811
85	1,2,4-Trimethylbenzene	96	94	100	94	99	104	100	93	105	112	103	4.2	5.62	16.2433
86	sec-Butylbenzene	94	89	101	93	101	104	99	95	108	114	101	5.3	6.98	16.5675
87	p-Isopropyltoluene	95	88	99	93	100	105	101	95	107	114	104	5.6	7.31	16.8202
88	1,3-Dichlorobenzene	92	96	99	96	97	104	100	94	105	113	104	4.7	6.04	16.9485
89	1,4-Dichlorobenzene	97	95	98	96	98	103	99	93	104	112	103	4.1	5.27	17.1377
90	Benzyl Chloride	103	105	97	102	98	104	98	91	95	107	99	3.8	4.70	17.3403
91	n-Butylbenzene	93	88	99	92	98	105	101	96	108	114	105	6	7.55	17.5606
92	1,2-Dichlorobenzene	97	95	98	97	97	101	101	93	103	113	104	3.9	5.32	17.7916
93	1,2-Dibromo-3-chloropropane	------	97	82	98	93	105	101	94	102	118	113	7.7	10.29	18.9304
94	1,2,4-Trichlorobenzene	93	90	97	91	99	104	102	96	105	116	107	6.1	7.71	19.9155
95	Hexachlorobutadiene	99	87	98	90	101	104	97	98	107	115	104	5.7	7.61	20.0736
96	Naphthalene	93	97	96	92	95	101	99	94	103	118	110	6.1	8.04	20.1642
97	1,2,3-Trichlorobenzene	94	87	95	92	101	106	101	96	105	116	107	6.7	8.39	20.4168

S 4
5/23/10

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T005
IC Beginning DateTime :06/19/10 10:17
Spike Amount :10 PPB
CC/CV File :RFQ366
IC File :RFQ358

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :06/19/10 15:15
HPChem Method :V005F19
Date_Time :06/19/10 16:44

M	IDX	Parameters	CC Con	CC% D	CC Resp	CCRRF	AVRRF	CC RTM	AVRTM	% RSD	CC XU	CC XT	CC X2	CC Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1519480	1	1	8.167	8.158	0				
	2	Dichlorodifluoromethane	9.228	-7.7	524623	0.345	0.374	2.015	2.006	4.47				
	3	Chloromethane	9.135	-8.6	610382	0.402	0.440	2.282	2.285	4.90				
	4	Vinyl chloride	9.247	-7.5	501585	0.330	0.348	2.416	2.413	10.29				
	5	Bromomethane	9.230	-7.7	399286	0.263	0.282	2.938	2.937	7.70				
	6	Chloroethane	9.242	-7.6	413676	0.272	0.295	3.040	3.037	4.34				
	7	Dichlorofluoromethane	9.443	-5.6	1119237	0.737	0.780	3.085	3.085	4.81				
	8	Trichlorofluoromethane	9.501	-5.0	707635	0.466	0.490	3.352	3.355	8.06				
	9	Sec-Propyl alcohol												
5	10	Acrolein	46.503	-7.0	34928	0.005	0.005	3.843	3.845	6.24				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	9.896	-1.0	331837	0.218	0.221	3.902	3.901	3.97				
5	12	Acetone	47.768	-4.5	552533	0.033	0.035	3.917	3.922	8.66				
	13	1,1-Dichloroethene	9.549	-4.5	782027	0.515	0.544	4.095	4.098	4.35				
5	14	tert-Butyl alcohol	49.464	-1.1	87762	0.012	0.012	4.185	4.190	8.73				
	15	Acetonitrile												
	16	Iodomethane	9.841	-1.6	603811	0.397	0.404	4.482	4.478	14.47				
	17	Methyl acetate	9.853	-1.4	148852	0.098	0.099	4.497	4.501	13.11				
	18	Methylene chloride	9.691	-3.1	560757	0.369	0.381	4.620	4.691	7.29				
	19	Carbon disulfide	9.349	-6.5	1659807	1.092	1.168	4.720	4.717	5.73				
6	20	Acrylonitrile	58.794	-2.0	373381	0.041	0.042	4.824	4.826	6.57				
	21	tert-Butyl methyl ether (MTBE)	9.628	-1.7	769537	0.506	0.515	4.898	4.900	5.33				
	22	trans-1,2-Dichloroethene	9.652	-3.5	758838	0.499	0.517	5.076	5.079	3.51				
	23	Isopropyl ether (DIPE)	9.805	-1.9	1496652	0.985	1.005	5.492	5.495	4.40				
	24	Vinyl acetate	9.369	-6.3	450912	0.297	0.317	5.611	5.614	8.90				
	25	1,1-Dichloroethane	9.614	-3.8	860905	0.567	0.589	5.626	5.617	4.62				
5	26	2-Butanol	49.623	-1.8	7814	0.009	0.010	5.909	5.909	7.69				
	27	tert-Butyl ethyl ether (ETBE)	9.780	-2.2	1176365	0.774	0.792	6.027	6.030	5.43				
5	28	2-Butanone	49.358	-1.3	417093	0.055	0.056	6.146	6.155	7.40				
	29	2,2-Dichloropropane	9.360	-7.5	670331	0.441	0.477	6.369	6.371	4.85				
	30	cis-1,2-Dichloroethene	9.625	-3.8	494707	0.326	0.338	6.414	6.417	4.14				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	9.573	-4.3	773053	0.509	0.531	6.637	6.627	4.22				
	33	Bromochloromethane	10.081	0.8	303155	0.199	0.198	6.845	6.845	4.59				
	34	Dibromofluoromethane	9.864	-1.4	473085	0.311	0.316	6.919	6.921	5.84				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	9.521	-4.0	701231	0.461	0.485	7.187	7.189	3.93				
	37	Cyclohexane	9.410	-5.9	753119	0.496	0.527	7.231	7.233	4.37				
	38	tert-Amyl methyl ether (TAME)	9.771	-2.4	183426	0.121	0.124	7.551	7.553	4.67				
	39	1,2-Dichloroethane-d4	9.969	-0.3	340079	0.224	0.224	7.603	7.605	5.45				
	40	CHLOROBENZENE-D5	10.000	0	1193073	1	1	12.894	12.885	0				
	41	1,1-Dichloropropene	9.896	-1.0	242573	0.203	0.205	7.410	7.408	4.38				
	42	Carbon tetrachloride	9.853	-1.5	613241	0.514	0.526	7.543	7.546	4.11				
	43	1,2-Dichloroethane	9.782	-2.2	404956	0.339	0.347	7.734	7.728	3.10				
	44	Benzene	9.824	-1.8	1763871	1.478	1.502	7.766	7.769	4.82				
	45	Trichloroethene	9.554	-4.5	507197	0.425	0.445	8.643	8.646	3.03				
	46	Methylcyclohexane	9.585	-4.1	606605	0.508	0.530	8.762	8.765	12.44				
	47	1,2-Dichloropropane	10.011	0.1	424299	0.356	0.355	8.892	8.892	3.37				
	48	Bromodichloromethane	9.788	-2.1	526498	0.441	0.451	9.338	9.335	3.12				
20	49	1,4-Dioxane	190.164	-4.9	30582	0.001	0.001	9.252	9.251	6.35				
	50	Dibromomethane	10.188	1.9	187276	0.157	0.154	9.312	9.300	6.52				
	51	2-Chloroethyl vinyl ether	10.419	4.6	149454	0.125	0.120	9.998	9.991	5.97				
5	52	4-Methyl-2-pentanone	50.137	0.3	1070864	0.180	0.179	9.743	9.744	5.81				
	53	cis-1,3-Dichloropropene	9.856	-1.4	603005	0.505	0.513	10.055	10.056	4.90				
	54	Toluene-d8	9.978	-0.2	1481101	1.241	1.244	10.441	10.443	7.10				
	55	Toluene	9.749	-2.5	1685797	1.413	1.449	10.575	10.567	5.86				
	56	Ethyl methacrylate	9.618	-3.8	305243	0.256	0.266	10.843	10.841	8.79				
	57	trans-1,3-Dichloropropene	9.570	-0.3	450386	0.378	0.379	10.843	10.832	5.86				
	58	1,1,2-Trichloroethane	9.824	-1.8	221826	0.186	0.189	11.080	11.085	5.06				
5	59	2-Hexanone	50.214	0.4	653482	0.110	0.109	11.110	11.111	6.35				
	60	1,3-Dichloropropane	9.892	-1.1	425006	0.355	0.358	11.497	11.486	5.44				
	61	Tetrachloroethene	9.765	-2.4	354971	0.298	0.305	11.616	11.618	4.79				
	62	Dibromochloromethane	9.803	-2.0	331882	0.278	0.284	11.913	11.910	5.91				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	9.850	-1.5	245003	0.205	0.208	12.240	12.242	6.22				
	65	Chlorohexane	9.833	-1.7	734387	0.616	0.626	12.567	12.556	5.39				
	66	Chlorobenzene	9.697	-3.0	1005594	0.518	0.547	12.955	12.955	4.46				
	67	1,1,1,2-Tetrachloroethane	9.705	-3.0	362465	0.308	0.317	13.038	13.033	4.70				
	68	Ethylbenzene	9.732	-2.7	1973835	1.654	1.700	13.057	13.056	4.71				
2	69	m-Xylene & p-Xylene	19.484	-2.6	3028914	1.269	1.303	13.191	13.192	5.06				
	70	o-Xylene	9.724	-2.8	1466179	1.229	1.264	13.934	13.925	3.85				
	71	Styrene	9.803	-2.0	1148201	0.962	0.982	13.979	13.981	2.65				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	380433	1	1	17.254	17.243	0				
	73	Bromoform	9.899	-1.0	153188	0.403	0.407	14.528	14.530	8.47				
	74	Isopropylbenzene	9.702	-3.0	1844446	2.851	3.000	14.558	14.561	6.55				
	75	1,1,2,2-Tetrachloroethane	9.623	-3.8	243295	0.640	0.665	14.841	14.830	6.14				
	76	4-Bromofluorobenzene	9.918	-0.8	491533	1.293	1.305	14.874	14.876	2.84				
	77	1,2,3-Trichloropropane	10.071	0.7	62590	0.162	0.163	15.024	15.093	7.95				
	78	trans-1,4-Dichloro-2-butene	9.501	-5.0	70173	0.186	0.194	15.257	15.218	4.98				
	79	n-Propylbenzene	9.800	-2.0	2356660	6.198	6.324	15.572	15.561	6.46				
	80	Bromobenzene	9.740	-2.6	377026	0.993	1.050	15.501	15.504	5.81				
	81	1,3,5-Trimethylbenzene	9.634	-3.7	1453315	3.825	3.965	15.554	15.553	5.59				
	82	2-Chlorotoluene	9.466	-5.5	1420755	3.741	3.947	15.554	15.556	5.04				
	83	4-Chlorotoluene	9.834	-1.7	1268626	3.337	3.393	15.643	15.645	5.52				
	84	tert-Butylbenzene	9.877	-1.2	317930	0.836	0.874	16.178	16.181	6.62				
	85	1,2,4 Trimethylbenzene	9.610	-3.9	1407068	3.701	3.851	16.253	16.243	5.62				
	86	sec-Butylbenzene	9.837	-1.7	1974146	5.192	5.283	16.565	16.567	6.98				
	87	p-Isopropyltoluene	9.834	-1.7	1623965	4.271	4.322	16.817	16.820	7.31				
	88	1,3-Dichlorobenzene	9.804	-2.0	955862	2.801	2.835	16.951	16.948	6.04				
	89	1,4-Dichlorobenzene	9.847	-1.5	701472	1.845	1.873	17.177	17.138	5.27				
	90	Benzyl Chloride	9.210	-7.9	326405	0.858	0.932	17.337	17.340	4.70				
	91	n-Butylbenzene	10.007	0.1	1563566	4.112	4.109	17.560	17.561	7.55				
	92	1,2-Dichlorobenzene	9.714	-2.9	556428	1.490	1.534	17.798	17.792	5.35				
	93	1,2-Dibromo-3-chloropropane	10.073	0.7	31820	0.089	0.088	18.628	18.630	10.38				
	94	1,2,4-Trichlorobenzene	10.111	1.1	345059	0.918	0.908	19.924	19.916	7.71				
	95	Hexachlorobutadiene	9.967	-0.3	230381	0.606	0.608	20.072	20.074	7.61				
	96	Naphthalene	10.182	1.8	520459	1.369	1.344	20.161	20.164	8.04				
	97	1,2,3-Trichlorobenzene	10.287	2.9	273343	0.719	0.699	20.414	20.417	8.39				

Spike Amount = Nominal Amount * M

6/22/2010

DAILY CALIBRATIONS

2016

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RG0184
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 100092
BFB Injection Date : 07/14/10
BFB Injection Time : 10:40
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0%
75	30.0 - 60.0% of mass 95	45.1%
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.9%
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	67.58
175	5.0 - 9.0% of mass 174	4.82(7.1)1
176	95.0 - 101.0% of mass 174	66.51(98.4)1
177	5.0 - 9.0% of mass 176	4.24(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005F1918	RG0185	07/14/10	11:09
2	MBLK1W	VO05G11B	RG0190	07/14/10	14:03
3	LCS1W	VO05G11L	RG0186	07/14/10	11:53
4	LCD1W	VO05G11C	RG0187	07/14/10	12:38
5	T-07	G0V2-01	RG0194	07/14/10	16:05

FORM V VOA

OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RF0359
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10G092
Date Analyzed: 06/19/10
Time Analyzed: 12:46
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1423552	8.15	1144969	12.89	356523	17.74
	UPPER LIMIT	2847104	8.65	2289938	13.39	713046	18.24
	LOWER LIMIT	711776	7.65	572485	12.39	178262	17.24
	SAMPLE ID						
1	VSTD010	1390023	8.19	1139174	12.91	355100	17.77
2	MBLK1W	1429056	8.18	1160692	12.91	360956	17.77
3	LCS1W	1380925	8.19	1111729	12.91	338842	17.77
4	LCD1W	1475726	8.18	1163070	12.92	366983	17.78
5	T-07	1356420	8.18	1096239	12.91	345261	17.77

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D Vial: 2
Acq On : 14 Jul 2010 11:09 am Operator: SD
Sample : CV005F1918 Inst : TO05
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	98	0.03
2	T	Dichlorodifluoromethane	10.000	10.372	-3.7	99	0.00
3	P,T	Chloromethane	10.000	11.043	-10.4	107	0.02
4	C,T	Vinyl chloride	10.000	9.976	0.2	94	0.00
5	T	Bromomethane	10.000	8.564	14.4	89	0.02
6	T	Chloroethane	10.000	10.306	-3.1	102	0.02
7	T	Dichlorofluoromethane	10.000	9.555	4.5	94	0.02
8	T	Trichlorofluoromethane	10.000	9.954	0.5	94	0.02
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	64.210	-28.4#	125	0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.067	9.3	87	0.02
12	T	Acetone	50.000	50.244	-0.5	104	0.02
13	C,T,M	1,1-Dichloroethene	10.000	9.114	8.9	88	0.02
14	T	tert-Butyl alcohol	50.000	42.389	15.2	81	0.02
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	7.864	21.4#	69	0.02
17	T	Methyl acetate	10.000	9.570	4.3	95	0.02
18	T	Methylene chloride	10.000	11.092	-10.9	110	0.02
19	T	Carbon disulfide	10.000	8.155	18.5	82	0.02
20	T	Acrylonitrile	60.000	64.669	-7.8	108	0.02
21	T	tert-Butyl methyl ether (MT	10.000	9.028	9.7	88	0.02
22	T	trans-1,2-Dichloroethene	10.000	9.279	7.2	90	0.02
23	T	Isopropyl ether (DIPE)	10.000	10.038	-0.4	97	0.02
24	T	Vinyl acetate	10.000	9.075	9.3	85	0.02
25	P,T	1,1-Dichloroethane	10.000	9.627	3.7	94	0.02
26	T	2-Butanol	50.000	40.122	19.8	83	0.02
27	T	tert-Butyl ethyl ether (ETB	10.000	9.155	8.5	89	0.02
28	T	2-Butanone	50.000	52.286	-4.6	104	0.03
29	T	2,2-Dichloropropane	10.000	9.409	5.9	91	0.02
30	T	cis-1,2-Dichloroethene	10.000	9.716	2.8	95	0.03
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	9.554	4.5	93	0.03
33	T	Bromochloromethane	10.000	10.799	-8.0	102	0.02
34	S	Dibromofluoromethane	10.000	10.751	-7.5	113	0.02
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.083	9.2	89	0.02
37	T	Cyclohexane	10.000	9.084	9.2	92	0.02
38	T	tert-Amyl methyl ether (TAM	10.000	8.878	11.2	83	0.02
39	S	1,2-Dichloroethane-d4	10.000	11.190	-11.9	115	0.02
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	99	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D Vial: 2
Acq On : 14 Jul 2010 11:09 am Operator: SD
Sample : CVO05F1918 Inst : TO05
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	8.885	11.2	88	0.02
42	T	Carbon tetrachloride	10.000	8.231	17.7	81	0.03
43	T	1,2-Dichloroethane	10.000	9.308	6.9	92	0.03
44	T,M	Benzene	10.000	9.185	8.1	92	0.03
45	T,M	Trichloroethene	10.000	8.530	14.7	88	0.03
46	T	Methylcyclohexane	10.000	8.797	12.0	91	0.03
47	C,T	1,2-Dichloropropane	10.000	9.673	3.3	97	0.02
48	T	Bromodichloromethane	10.000	9.116	8.8	92	0.03
49	T	1,4-Dioxane	200.000	186.345	6.8	91	0.02
50	T	Dibromomethane	10.000	9.810	1.9	95	0.03
51	T	2-Chloroethyl vinyl ether	10.000	2.720	72.8#	26	0.03
52	T	4-Methyl-2-pentanone	50.000	47.583	4.8	97	0.02
53	T	cis-1,3-Dichloropropene	10.000	8.945	10.5	88	0.02
54	S	Toluene-d8	10.000	10.108	-1.1	109	0.03
55	C,T,M	Toluene	10.000	9.149	8.5	92	0.03
56	T	Ethyl methacrylate	10.000	8.800	12.0	92	0.02
57	T	trans-1,3-Dichloropropene	10.000	9.025	9.7	89	0.03
58	T	1,1,2-Trichloroethane	10.000	9.982	0.2	101	0.03
59	T	2-Hexanone	50.000	50.208	-0.4	101	0.02
60	T	1,3-Dichloropropane	10.000	9.510	4.9	95	0.03
61	T	Tetrachloroethene	10.000	9.045	9.6	90	0.03
62	T	Dibromochloromethane	10.000	8.430	15.7	84	0.02
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	9.113	8.9	90	0.03
65	T	1-Chlorohexane	10.000	9.109	8.9	90	0.03
66	P,M	Chlorobenzene	10.000	9.189	8.1	91	0.02
67	T	1,1,1,2-Tetrachloroethane	10.000	8.604	14.0	87	0.02
68	C,T	Ethylbenzene	10.000	9.332	6.7	93	0.02
69	T	m-Xylene & p-Xylene	20.000	18.471	7.6	91	0.02
70	T	o-Xylene	10.000	9.251	7.5	92	0.03
71	T	Styrene	10.000	9.570	4.3	93	0.03
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	100	0.03
73	P,T	Bromoform	10.000	8.513	14.9	81	0.03
74	T	Isopropylbenzene	10.000	9.648	3.5	92	0.03
75	P,T	1,1,2,2-Tetrachloroethane	10.000	9.905	1.0	98	0.03
76	S	4-Bromofluorobenzene	10.000	10.659	-6.6	111	0.02
77	T	1,2,3-Trichloropropane	10.000	10.144	-1.4	95	0.02
78	T	trans-1,4-Dichloro-2-butene	10.000	9.120	8.8	88	0.03
79	T	n-Propylbenzene	10.000	9.830	1.7	94	0.03
80	T	Bromobenzene	10.000	9.488	5.1	91	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D
Acq On : 14 Jul 2010 11:09 am
Sample : CVO05F1918
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	9.570	4.3	91	0.02
82	T	2-Chlorotoluene	10.000	9.998	0.0	96	0.03
83	T	4-Chlorotoluene	10.000	9.296	7.0	91	0.02
84	T	tert-Butylbenzene	10.000	9.688	3.1	91	0.03
85	T	1,2,4-Trimethylbenzene	10.000	9.482	5.2	91	0.03
86	T	sec-Butylbenzene	10.000	10.033	-0.3	96	0.03
87	T	p-Isopropyltoluene	10.000	9.443	5.6	90	0.03
88	T	1,3-Dichlorobenzene	10.000	9.530	4.7	91	0.02
89	T	1,4-Dichlorobenzene	10.000	9.458	5.4	92	0.03
90	T	Benzyl Chloride	10.000	8.712	12.9	83	0.03
91	T	n-Butylbenzene	10.000	10.133	-1.3	96	0.02
92	T	1,2-Dichlorobenzene	10.000	9.562	4.4	94	0.03
93	T	1,2-Dibromo-3-chloropropane	10.000	7.903	21.0#	76	0.02
94	T	1,2,4-Trichlorobenzene	10.000	9.837	1.6	94	0.02
95	T	Hexachlorobutadiene	10.000	9.532	4.7	91	0.02
96	T	Naphthalene	10.000	8.817	11.8	87	0.02
97	T	1,2,3-Trichlorobenzene	10.000	9.585	4.1	90	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D
Acq On : 14 Jul 2010 11:09 am
Sample : CVO05F1918
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	98	0.03
2	T	Dichlorodifluoromethane	0.374	0.388	-3.7	99	0.00
3	P,T	Chloromethane	0.440	0.486	-10.5	107	0.02
4	C,T	Vinyl chloride	0.348	0.347	0.3	94	0.00
5	T	Bromomethane	0.285	0.244	14.4	89	0.02
6	T	Chloroethane	0.295	0.304	-3.1	102	0.02
7	T	Dichlorofluoromethane	0.780	0.745	4.5	94	0.02
8	T	Trichlorofluoromethane	0.490	0.488	0.4	94	0.02
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.005	0.006	-20.0	125	0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.221	0.200	9.5	87	0.02
12	T	Acetone	0.035	0.035	0.0	104	0.02
13	C,T,M	1,1-Dichloroethene	0.544	0.496	8.8	88	0.02
14	T	tert-Butyl alcohol	0.012	0.010	16.7	81	0.02
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.404	0.318	21.3#	69	0.02
17	T	Methyl acetate	0.099	0.095	4.0	95	0.02
18	T	Methylene chloride	0.381	0.422	-10.8	110	0.02
19	T	Carbon disulfide	1.168	0.953	18.4	82	0.02
20	T	Acrylonitrile	0.042	0.045	-7.1	108	0.02
21	T	tert-Butyl methyl ether (MT	0.515	0.465	9.7	88	0.02
22	T	trans-1,2-Dichloroethene	0.517	0.480	7.2	90	0.02
23	T	Isopropyl ether (DIPE)	1.005	1.008	-0.3	97	0.02
24	T	Vinyl acetate	0.317	0.287	9.5	85	0.02
25	P,T	1,1-Dichloroethane	0.589	0.567	3.7	94	0.02
26	T	2-Butanol	0.010	0.008	20.0	83	0.02
27	T	tert-Butyl ethyl ether (ETB	0.792	0.725	8.5	89	0.02
28	T	2-Butanone	0.056	0.058	-3.6	104	0.03
29	T	2,2-Dichloropropane	0.477	0.449	5.9	91	0.02
30	T	cis-1,2-Dichloroethene	0.338	0.329	2.7	95	0.03
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.531	0.508	4.3	93	0.03
33	T	Bromochloromethane	0.198	0.214	-8.1	102	0.02
34	S	Dibromofluoromethane	0.316	0.339	-7.3	113	0.02
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.485	0.440	9.3	89	0.02
37	T	Cyclohexane	0.527	0.478	9.3	92	0.02
38	T	tert-Amyl methyl ether (TAM	0.124	0.110	11.3	83	0.02
39	S	1,2-Dichloroethane-d4	0.224	0.251	-12.1	115	0.02
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	99	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D
Acq On : 14 Jul 2010 11:09 am
Sample : CVO05F1918
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.205	0.183	10.7	88	0.02
42	T	Carbon tetrachloride	0.522	0.429	17.8	81	0.03
43	T	1,2-Dichloroethane	0.347	0.323	6.9	92	0.03
44	T,M	Benzene	1.505	1.382	8.2	92	0.03
45	T,M	Trichloroethene	0.445	0.380	14.6	88	0.03
46	T	Methylcyclohexane	0.530	0.467	11.9	91	0.03
47	C,T	1,2-Dichloropropane	0.355	0.344	3.1	97	0.02
48	T	Bromodichloromethane	0.451	0.411	8.9	92	0.03
49	T	1,4-Dioxane	0.001	0.001	0.0	91	0.02
50	T	Dibromomethane	0.154	0.151	1.9	95	0.03
51	T	2-Chloroethyl vinyl ether	0.120	0.033	72.5#	26#	0.03
52	T	4-Methyl-2-pentanone	0.179	0.170	5.0	97	0.02
53	T	cis-1,3-Dichloropropene	0.513	0.459	10.5	88	0.02
54	S	Toluene-d8	1.244	1.258	-1.1	109	0.03
55	C,T,M	Toluene	1.449	1.326	8.5	92	0.03
56	T	Ethyl methacrylate	0.266	0.234	12.0	92	0.02
57	T	trans-1,3-Dichloropropene	0.379	0.342	9.8	89	0.03
58	T	1,1,2-Trichloroethane	0.189	0.189	0.0	101	0.03
59	T	2-Hexanone	0.109	0.110	-0.9	101	0.02
60	T	1,3-Dichloropropane	0.358	0.341	4.7	95	0.03
61	T	Tetrachloroethene	0.305	0.276	9.5	90	0.03
62	T	Dibromochloromethane	0.284	0.239	15.8	84	0.02
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.208	0.190	8.7	90	0.03
65	T	1-Chlorohexane	0.626	0.570	8.9	90	0.03
66	P,M	Chlorobenzene	0.947	0.870	8.1	91	0.02
67	T	1,1,1,2-Tetrachloroethane	0.317	0.273	13.9	87	0.02
68	C,T	Ethylbenzene	1.700	1.586	6.7	93	0.02
69	T	m-Xylene & p-Xylene	1.303	1.203	7.7	91	0.02
70	T	o-Xylene	1.264	1.169	7.5	92	0.03
71	T	Styrene	0.982	0.939	4.4	93	0.03
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	100	0.03
73	P,T	Bromoform	0.407	0.346	15.0	81	0.03
74	T	Isopropylbenzene	5.000	4.824	3.5	92	0.03
75	P,T	1,1,2,2-Tetrachloroethane	0.665	0.659	0.9	98	0.03
76	S	4-Bromofluorobenzene	1.303	1.389	-6.6	111	0.02
77	T	1,2,3-Trichloropropane	0.163	0.166	-1.8	95	0.02
78	T	trans-1,4-Dichloro-2-butene	0.194	0.177	8.8	88	0.03
79	T	n-Propylbenzene	6.324	6.217	1.7	94	0.03
80	T	Bromobenzene	1.020	0.967	5.2	91	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10G14\RGQ185.D Vial: 2
Acq On : 14 Jul 2010 11:09 am Operator: SD
Sample : CV005F1918 Inst : TO05
Misc : 10ppb 8260/50ppb KET-Acr-TBA-2BA/60ppb A Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05F19.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Jun 21 09:15:42 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	3.965	3.794	4.3	91	0.02
82	T	2-Chlorotoluene	3.947	3.946	0.0	96	0.03
83	T	4-Chlorotoluene	3.393	3.154	7.0	91	0.02
84	T	tert-Butylbenzene	0.847	0.820	3.2	91	0.03
85	T	1,2,4-Trimethylbenzene	3.851	3.651	5.2	91	0.03
86	T	sec-Butylbenzene	5.283	5.301	-0.3	96	0.03
87	T	p-Isopropyltoluene	4.342	4.101	5.6	90	0.03
88	T	1,3-Dichlorobenzene	1.939	1.848	4.7	91	0.02
89	T	1,4-Dichlorobenzene	1.873	1.772	5.4	92	0.03
90	T	Benzyl Chloride	0.932	0.812	12.9	83	0.03
91	T	n-Butylbenzene	4.109	4.164	-1.3	96	0.02
92	T	1,2-Dichlorobenzene	1.534	1.467	4.4	94	0.03
93	T	1,2-Dibromo-3-chloropropane	0.088	0.070	20.5#	76	0.02
94	T	1,2,4-Trichlorobenzene	0.908	0.893	1.7	94	0.02
95	T	Hexachlorobutadiene	0.608	0.579	4.8	91	0.02
96	T	Naphthalene	1.344	1.185	11.8	87	0.02
97	T	1,2,3-Trichlorobenzene	0.699	0.670	4.1	90	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 6/19/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A05 -053

Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RFQ852	RFB05F20	2ml	N/A	N/A		9:57am
02	353	V005F191					
03	354	2					2.5 / 2.5 / 2.0
04	355	3					1.0 / 5.0 / 1.0
05	356	4					2.0 / 10 / 12
06	357	5					5.0 / 25 / 50
07	358	6					10 / 50 / 60
08	359	7					20 / 100 / 120
09	360	8					30 / 150 / 180
10	361	9					40 / 200 / 240
11	362	10					50 / 250 / 300
12	363	11					100 / 500 / 600
13	364	15/55					
14	365	V005F20B					rd 6/21/10
15	366	V005F192					10 / 50 / 60
16	367	TEST					5:13pm
17	368	RINSE					
18							
19							
20							
21							
22							
23							
24							
25							rd 6/21/10

BATCH V005F19

2026

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	6/19/10
ICAL ID	V005F19
STANDARDS	
NAME	ID / CONC. (ug/L)
DOC RET-ACR-ACL	GV1-15-95-2 / 250
DOC 8260	-85-3 / 50/250
DOC GASES	-100-3 / -93-1 / 250 / 250/250
BFB	-87-2 / 50
IS/SURR 15 / 05	-91-1 / -91-2 / 250 / 250
LCS RET-ACR-ACL	-95-3 / 250
LCS 8260	-99-3 / 50/250
LCS GASES	~~-92-2~~ 92-2 / -93-2 / 250 / 50/250
SOLVENT	ID
METHANOL	
DATA FILE	10F19
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: rd

Date Disposed: 6/21/10

Disposed By: rd

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

☐ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Book # A05 -053

Date: 7/14/10 ☐ 5-ml Purge ☑ 25-ml Purge

BATCH 20-2

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix (ppm)	Notes
01	REQ184	BFB05G11	5ml				12:40am
02	185	CV005F1918	5ml/5ml				
03	186	V005G11A	5ml/5ml				
04	187	↓ C	↓				
05	188	DDL/LOD/LOQ 4	25ml				[illegible]
06	189	RINSE	25ml				
07	190	V005G11B					
08	191	106088-07		1.0	<2	<5	
09	192	106098-06					
10	193	-07					AA: MeCl2 /
11	194	106092-01					
12	195	106057-01T	0.25ml	100			
13	196	-01	25ml	1.0			
14	197	RINSE					
15	198						
16	199	106119-01		1.0	<2	<5	
17	200	-02			7		
18	201	-03			<2		
19	202	-04					
20	203	106098-01T	0.25ml	100			
21	204	-02T					
22	205	-03T					1000X for MeCl2
23	206	-04T					100X for MeCl2
24	207	-05T					10:38pm
25	208-218	RINSE					

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	6/19/10
ICAL ID	V005F19

STANDARDS NAME	ID	CONC. (ug/L)
DCC	SV1-16-5-1	
DCC	SV1-15-25-2	
DCC	1398-2	
BFB	-87-2	50/250/125
IS/SURR	-99-1	
LCS	-92-3	
LCS	-99-3	
LCS	-92-2	
LCS	-92-2	

SOLVENT	ID
METHANOL	
DATA FILE	106-19

Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOD	

Comments:

Analyzed By: [illegible]

Date Disposed: 7/15/10

Disposed By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

SDG#: 10G092

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G092

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

One (1) water sample was received on 07/12/10 for TPH Gasoline analysis, Method 5030B/M8015 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried on a frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for VA39G04L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogate was added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.

SDG NO. : 10G092
Instrument ID : GC1039

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	VA39G04B	1	NA	07/14/1002:35	07/14/1002:35	EG13027A	EG13023A	VA39G04	Method Blank
LCS1W	VA39G04L	1	NA	07/14/1001:20	07/14/1001:20	EG13025A	EG13023A	VA39G04	Lab Control Sample (LCS)
LCD1W	VA39G04C	1	NA	07/14/1001:57	07/14/1001:57	EG13026A	EG13023A	VA39G04	LCS Duplicate
T-07	G092-01	1	NA	07/14/1003:13	07/14/1003:13	EG13028A	EG13023A	VA39G04	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT EEC, INC.	Date Collected:	07/12/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	07/12/10
Batch No.	: 10G092	Date Extracted:	07/14/10 03:13
Sample ID:	T-07	Date Analyzed:	07/14/10 03:13
Lab Samp ID:	G09Z-01	Dilution Factor:	1
Lab File ID:	EG13028A	Matrix	: WATER
Ext Btch ID:	VA39G04	% Moisture	: NA
Calib. Ref.:	EG13023A	Instrument ID	: GC1039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GASOLINE	ND	0.10	0.020

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	102	60 140

Parameter	H-C Range
Gasoline	C6-C10

QC SUMMARIES

METHOD 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 7D.	Date Received:	07/14/10
Batch No.	: 10GU92	Date Extracted:	07/14/10 02:35
Sample ID:	MBLK1W	Date Analyzed:	07/14/10 02:35
Lab Samp ID:	VA39G048	Dilution Factor:	1
Lab File ID:	EG13027A	Matrix :	WATER
Ext Btch ID:	VA39G04	% Moisture :	NA
Calib. Ref.:	EG13025A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GASOLINE	ND	0.10	0.020

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	92	70-130

Parameter	H-C Range
Gasoline	C6-C10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 106097
METHOD: METHOD 5030B/M8015

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK1W		
LAB SAMP ID:	VA39G04B	VA39G04L	VA39G04C
LAB FILE ID:	EG13027A	EG13025A	EG13026A
DATE EXTRACTED:	07/14/1002:35	07/14/1001:20	07/14/1001:57
DATE ANALYZED:	07/14/1002:35	07/14/1001:20	07/14/1001:57
PREP. BATCH:	VA39G04	VA39G04	VA39G04
CALIB. REF:	EG13023A	EG13023A	EG13023A

DATE COLLECTED: NA
DATE RECEIVED: 07/14/10

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	0.500	0.523	105	0.500	0.512	102	2	60-130	30

SURROGATE PARAMETER	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	QC LIMIT (%)
Bromofluorobenzene	0.0400	0.0444	111	0.0400	0.0446	112	70-130

INITIAL CALIBRATION

INITIAL CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
LFID & Datetime: EF08034A 06/09/10 10:45
LFID & Datetime: EF08035A 06/09/10 11:23
LFID & Datetime: EF08036A 06/09/10 12:02
LFID & Datetime: EF08037A 06/09/10 12:40
LFID & Datetime: EF08038A 06/09/10 13:19
LFID & Datetime: EF08039A 06/09/10 13:57
LFID & Datetime: EF08040A 06/09/10 14:36
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS 1.00X	2.50X	5.00X	25.00X	(AREA)/UNIT 50.00X	100.00X	125.00X	MEAN	%RSD
Gasoline(TOTAL)	20.00	15488	14408	14231	14832	14939	15880	15872	15092.7	4.4
GRO(C6-C10)	20.00	11742	12244	12688	13132	13180	13957	13918	12980.1	6.3
GRO(2MP-124TME)	20.00	11742	12244	12557	13272	13332	14105	14072	13046.3	6.9
GRO(C5-C12)	20.00	13518	13705	13949	14773	14883	15816	15801	14635.1	6.5
GRO(C6-C12)	20.00	13518	13705	13882	14568	14674	15611	15593	14507.3	5.9

SURROGATE	X	1.00X	2.00X	3.00X	4.00X	5.00X	7.50X	10.00X	MEAN	%RSD
Bromofluorobenzene	10.00	12691	13114	13826	14979	15533	16932	16727	14828.8	11.4
1,1,1-Trifluorotoluene	10.00	22618	21377	21328	21766	23193	24341	24242	22693.8	5.6

VG39F08.MET

AS
6/10/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GC139
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EF080038A 06/09/2010 13:19
Conc Cont LFID & Datetime: EF080041A 06/09/2010 15:25
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	15092.7	14994327	993.40	-1		15
GRO(C6-C10)	NA	NA	NA	1000.0	12980.1	11926714	918.85	-8		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	13046.3	11882350	910.78	-9		15
GRO(C5-C12)	NA	NA	NA	1000.0	14635.1	14680924	1003.13	0		15
GRO(C6-C12)	NA	NA	NA	1000.0	14507.3	14551666	1003.06	0		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
Bromofluorobenzene	10.675	10.622	10.728	50.0	14828.8	842428	56.81	14		15
1,1,1-trifluorotoluene	3.192	3.091	3.293	50.0	22693.8	1169452	51.53	3		15

V039F08.MET

AS
6/15/10

DAILY CALIBRATION

CONTINUE CALIBRATION
5030B/M8015

Lab Name : EMAX Inc
Instrument ID : GCT39
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime; EF08038A 06/09/2010 13:19
Conc Cont LFID & Datetime; EG13023A 07/14/2010 00:04
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	15092.7	15992562	1059.62	6		15
GRO(C6-C10)	NA	NA	NA	1000.0	12980.1	14044889	1082.03	8		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	13046.3	14022086	1074.80	7		15
GRO(C5-C12)	NA	NA	NA	1000.0	14635.1	15947131	1089.65	9		15
GRO(C6-C12)	NA	NA	NA	1000.0	14507.3	15705659	1082.60	8		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.642	10.589	10.695	50.0	14828.8	845512	57.01	14		
1,1,1-trifluorotoluene	3.150	3.049	3.251	50.0	22693.8	1281439	56.47	13		

CONTINUE CALIBRATION
50308/MB015

Lab Name : EMAX Inc
Instrument ID : GC139
GC Column : DB-5
Column size ID : 30MX.53MM
Mid Conc Init LFID & Datetime: EF0B038A 06/09/2010 13:19
Conc Cont LFID & Datetime: EG13035A 07/14/2010 07:36
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Gasoline(TOTAL)	NA	NA	NA	1000.0	15092.7	15297067	1013.54	1		15
GRO(C6-C10)	NA	NA	NA	1000.0	12980.1	13462222	1037.14	4		15
GRO(2MP-124TMB)	NA	NA	NA	1000.0	13046.3	13449844	1030.93	3		15
GRO(C5-C12)	NA	NA	NA	1000.0	14635.1	15229806	1040.64	4		15
GRO(C6-C12)	NA	NA	NA	1000.0	14507.3	15006565	1034.40	3		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
Bromofluorobenzene	10.642	10.589	10.695	50.0	14828.8	518830	34.99	-30		
1,1,1-Trifluorotoluene	3.142	3.041	3.243	50.0	22693.8	721848	31.81	-36		

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
NONHALOGENATED VOLATILES

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

BTEXM ICAL

GASOLINE ICAL

Book #:	A39- 33
Instrument No.:	39
Analytical Sequence:	EF08
Method File:	☐ PID Channel A
	☐ PID Channel B
Analytical Batch:	N/A

SOP #	Rev. #
☐ EMAX-5030B	2
☐ EMAX-BTEXM	1
☐ EMAX-8015G	2
☐ EMAX-	

STANDARDS ID		CONC. (ug/L)
BTEXM ICAL	~~VA39F08~~ VA39F08	—
GAS	VG39F08	
BTEXM ICV	VA39F0801	—
GAS	VG39F0801	
DCC GAS	SV2-05-39	2500
DCC BTEX	SV2-05-61-2	50
BFB/TFT	SV2-05-62-2	50
LCS/LCSD BTEXM TEX	SV2-05-61-3	100
MS/MSD GAS LCS/LCSD	SV2-05-33	5000

SOLVENT	ID
Methanol	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZC-3-BTEX	
☐	

Analyzed By: SC

Date: 6/8/10

Method: Vg39108.met Batch: Ef08.seq Data: EF08.043 - [Batch: ef08.seq]

Unknown	GRO		vg39F08.met	EF08.021
Unknown	2NP/1,2,4-TMB		vg39F08.met	EF08.022
Unknown	PENTANE/NAPHTHALENE		vg39F08.met	EF08.023
Unknown	DRO		vg39F08.met	EF08.024
Unknown	RINSE		vg39F08.met	EF08.025
Unknown	RINSE		vg39F08.met	EF08.026
Unknown	RINSE		vg39F08.met	EF08.027
Unknown	RINSE		vg39F08.met	EF08.028
Unknown	RINSE		vg39F08.met	EF08.029
Unknown	RINSE		vg39F08.met	EF08.030
Unknown	IB		vg39F08.met	EF08.031
Unknown	IB		vg39F08.met	EF08.032
Unknown	IB39F002		vg39F08.met	EF08.033
Unknown	VG39F08-01 20/10 0.04ul	ICAL GAS STD / 1ul SUR	vg39F08.met	EF08.034
Unknown	VG39F08-02 50/20 0.1ul	/ 2ul SUR	vg39F08.met	EF08.035
Unknown	VG39F08-03 100/30 0.2ul	/ 3ul SUR	vg39F08.met	EF08.036
Unknown	VG39F08-04 500/40 1ul	/ 4ul SUR	vg39F08.met	EF08.037
Unknown	VG39F08-05 1000/50 2ul	/ 5ul SUR	vg39F08.met	EF08.038
Unknown	VG39F08-06 2000/75 4ul	/ 7.5ul SUR	vg39F08.met	EF08.039
Unknown	VG39F08-07 2500/100 5ul	/ 10ul SUR	vg39F08.met	EF08.040
Unknown	IVG39F0801 1000/50 1ul GAS WIRED	/ 5ul SUR	vg39F08.met	EF08.041
Unknown	IVG39F0802 500/40 0.5ul	/ 4ul	vg39F08.met	EF08.042
Unknown	IB		vg39F08.met	EF08.043
Unknown	IB		vg39F08.met	EF08.044
Unknown	IB		vg39F08.met	EF08.045
Unknown	IB		vg39F08.met	EF08.046
Unknown	IB	SC 6/9/10	vg39F08.met	EF08.047
Unknown	IB		vg39F08.met	EF08.048
Unknown	IB		vg39F08.met	EF08.049
Unknown	IB		vg39F08.met	EF08.050
Unknown	IB		vg39F08.met	EF08.051
Unknown	IB		vg39F08.met	EF08.052
Unknown	IB		vg39F08.met	EF08.053
Unknown	IB		vg39F08.met	EF08.054

FINAL

GASOLINE ICAL

GASOLINE ICV

Wednesday, June 09, 201

ANALYSIS RUN LOG
for
NONHALOGENATED VOLATILES

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments: PURGE VOLUME = 5ml

VM G004(soil): G081, G088, G099

VA39G04 (water): G082, G092, G109

Book #:	A39- 33
Instrument No.:	39
Analytical Sequence:	EG13
Method File:	☑ FID Channel A
	☐ PID Channel B
Analytical Batch:	SC 7/13/10 CVG39F0B092

SOP #	Rev. #
☑ EMAX-5030B	2
☐ EMAX-BTEXM	1
☑ EMAX-8015G	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
ICAL —	—
ICV —	—
DCC GAS SV2-05-39	2500
DCC BTEX —	—
BFB/TFT ~~SV2-05-64-3~~ SV2-05-64-3 SC 7/13/10	100
LCS/LCSD SV2-05-33	5000 ~~2500~~ SC 7/13/10
MS/MSD SV2-05-33	5000

SOLVENT	ID
Methanol	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZG-3-BTEX	7/12/10
☐	

Analyzed By: SC

Date: 7/13/10

Method: Vg39I08.met Batch: Eg13.seq Data: Eg13.012 - [Batch: eg13.seq]

Unknown	1B39G092	vg39f08.met	EG13.001	
Unknown	CVG39F08092 1000/50 2ml GPC/2.5ml sum	vg39f08.met	EG13.002	
Unknown	VNG004SB 100UL S	vg39f08.met	EG13.003	
Unknown	VNG004SL 100UL S	vg39f08.met	EG13.004	} Conc. 50/40
Unknown	VNG004SC 100UL S	vg39f08.met	EG13.005	
Unknown	10G081-01 100UL S	vg39f08.met	EG13.006	
Unknown	10G081-02 100UL S	vg39f08.met	EG13.007	
Unknown	10G081-03 100UL S	vg39f08.met	EG13.008	
Unknown	10G081-03M 100UL S	vg39f08.met	EG13.009	
Unknown	10G081-03S 100UL S	vg39f08.met	EG13.010	
Unknown	10G081-04 100UL S	vg39f08.met	EG13.011	
Unknown	CVG39F08093 1000/50 2ml GPC/2.5ml sum	vg39f08.met	EG13.012	
Unknown	10G099-01 100UL S	vg39f08.met	EG13.013	
Unknown	10G099-02 100UL S	vg39f08.met	EG13.014	
Unknown	10G099-03 100UL S	vg39f08.met	EG13.015	FINAL
Unknown	10G099-04 100UL S	vg39f08.met	EG13.016	
Unknown	10G088-01 100UL S	vg39f08.met	EG13.017	
Unknown	10G088-02 100UL S	vg39f08.met	EG13.018	
Unknown	10G088-03 100UL S	vg39f08.met	EG13.019	
Unknown	10G088-04 100UL S	vg39f08.met	EG13.020	
Unknown	10G088-05 100UL S	vg39f08.met	EG13.021	
Unknown	10G088-06 100UL S	vg39f08.met	EG13.022	
Unknown	CVG39F08094 1000/50 2ml GPC/2.5ml sum	vg39f08.met	EG13.023	
Unknown	GRO	vg39f08.met	EG13.024	
Unknown	VA39G04L 5.0ML W 0.5ml GPC/2ml sum	vg39f08.met	EG13.025	} Conc. 50/40
Unknown	VA39G04C 5.0ML W	vg39f08.met	EG13.026	
Unknown	VA39G04B 5.0ML W	vg39f08.met	EG13.027	
Unknown	10G092-01 5.0ML W	vg39f08.met	EG13.028	PH<2
Unknown	10G092-07I 250UL W DF=20	vg39f08.met	EG13.029	PH<2
Unknown	10G092-08I .5ML W DF=10	vg39f08.met	EG13.030	PH<2
Unknown	10G109-01 5.0ML W	vg39f08.met	EG13.031	PH<2
Unknown	10G109-02 5.0ML W	vg39f08.met	EG13.032	PH<2
Unknown	10G109-02M 5.0ML W	vg39f08.met	EG13.033	PH<2
Unknown	10G109-02S 5.0ML W	vg39f08.met	EG13.034	PH<2

Tuesday, July 13, 2010

Method: Vg39I08...

Method: Vg39I08.met Batch: Eg13.seq Data: Eg13.039 - [Batch: eg13.seq]

Unknown	CUG39F08095 1000/50 2ul 625 Dec/2.5ul Sum	vg39f08.met	EG13.035	
Unknown	19G109-03 5.0ML W	vg39f08.met	EG13.036	PH <2
Unknown	19G109-04 5.0ML W	vg39f08.met	EG13.037	PH <2
Unknown	CUG39F08096 1000/50 2ul 625 Dec/2.5ul Sum	vg39f08.met	EG13.038	
Unknown	IB	vg39f08.met	EG13.039	
Unknown	IB	vg39f08.met	EG13.040	
Unknown	IB	vg39f08.met	EG13.041	
Unknown	IB	vg39f08.met	EG13.042	
Unknown	IB	vg39f08.met	EG13.043	
Unknown	IB	vg39f08.met	EG13.044	FINAL
Unknown	IB	vg39f08.met	EG13.045	
Unknown	IB	vg39f08.met	EG13.046	
Unknown	IB	vg39f08.met	EG13.047	
Unknown	IB	vg39f08.met	EG13.048	
Unknown	IB	vg39f08.met	EG13.049	
Unknown	IB	vg39f08.met	EG13.050	
Unknown	IB	vg39f08.met	EG13.051	
Unknown	IB	vg39f08.met	EG13.052	
Unknown	IB	vg39f08.met	EG13.053	
Unknown	IB	vg39f08.met	EG13.054	
Unknown	IB	vg39f08.met	EG13.055	
Unknown	IB	vg39f08.met	EG13.056	
Unknown	IB	vg39f08.met	EG13.057	
Unknown	IB	vg39f08.met	EG13.058	
Unknown	IB	vg39f08.met	EG13.059	
Unknown	IB	vg39f08.met	EG13.060	
Unknown	IB	vg39f08.met	EG13.061	
Unknown	IB	vg39f08.met	EG13.062	
Unknown	IB	vg39f08.met	EG13.063	
Unknown	IB	vg39f08.met	EG13.064	
Unknown	IB	vg39f08.met	EG13.065	
Unknown	IB	vg39f08.met	EG13.066	
Unknown	IB	vg39f08.met	EG13.067	

SL 7/14/10

Wednesday, July 14, 2010

Method: Vg39I08

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3520C/8015 MOD
PETROLEUM HYDROCARBONS BY EXTRACTION

SDG#: 10G092

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10G092

METHOD 3520C/8015 MOD
PETROLEUM HYDROCARBONS BY EXTRACTION

One (1) water sample was received on 07/12/10 for TPH Diesel analysis, Method 3520C/8015 MOD in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried on a frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DSG017WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample G092-01 displayed mixed fuel pattern.

LAB CHRONICLE
PETROLEUM HYDROCARBONS BY EXTRACTION

Client : INSIGHT EEC, INC. SDG NO. : 1C3092
Project : NWS SEAL BEACH, CR SITE 70. Instrument ID : GC11C5

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DSG017WB	1	NA	07/18/1003:20	07/13/1015:30	LG17101A	LG1709*A	DSG017W	Method Blank
LCS1W	DSG017WL	1	NA	07/18/1002:46	07/13/1015:30	LG17099A	LG1709*A	DSG017W	Lab Control Sample (LCS)
LCD1W	DSG017WC	1	NA	07/18/1003:03	07/13/1015:30	LG17100A	LG1709*A	DSG017W	LCS Duplicate
1-07	E092-01	0.96	NA	07/18/1033:36	07/13/1015:30	LG17102A	LG1709*A	DSG017W	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 3520C/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT EEC, INC.	Date Collected:	07/12/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/12/10
Batch No.	: 10G092	Date Extracted:	07/13/10 15:30
Sample ID:	T-07	Date Analyzed:	07/18/10 03:36
Lab Samp ID:	G092 01	Dilution Factor:	0.96
Lab File ID:	LG1/102A	Matrix	: WATER
Ext Batch ID:	DSG017W	% Moisture	: NA
Calib. Ref.:	LG17091A	Instrument ID	: GCT105

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DIESEL	0.31J	0.48	0.096

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	76	40 130
HEXACOSANE	98	40 150

RL : Reporting Limit

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

QC SUMMARIES

METHOD 3520C/8015 Mod
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: INSIGHT ECC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	07/13/10
Batch No.	: 106092	Date Extracted:	07/13/10 15:30
Sample ID:	MBLK1W	Date Analyzed:	07/18/10 03:20
Lab Samp ID:	DSG017WB	Dilution Factor:	1
Lab File ID:	LG17101A	Matrix	: WATER
Ext Btch ID:	DSG017W	% Moisture	: NA
Calib. Ref.:	LG17091A	Instrument ID	: GCT105

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DIESEL	ND	0.50	0.10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	79	50-130
HEXACOSANE	98	60-140

RL : Reporting Limit

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 106097
METHOD: METHOD 3520C/8015 Mod

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DSG017WB	DSG017WL	DSG017WC		
LAB FILE ID:	LG17101A	LG17099A	LG17100A		
DATE EXTRACTED:	07/13/1015:30	07/13/1015:30	07/13/1015:30	DATE COLLECTED:	NA
DATE ANALYZED:	07/18/1003:20	07/18/1002:46	07/18/1003:03	DATE RECEIVED:	07/13/10
PREP. BATCH:	DSG017W	DSG017W	DSG017W		
CALIB. REF:	LG17091A	LG17091A	LG17091A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Diesel	ND	5.00	4.93	99	5.00	4.84	97	2	60-130	30

SURROGATE PARAMETER	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	QC LIMIT (%)
Bromobenzene	1.00	0.812	81	1.00	0.860	86	50-130
Hexacosane	0.250	0.241	96	0.250	0.239	96	60-140

INITIAL CALIBRATION

INITIAL CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
LFID & Datetime: LG17013A 07/17/10 02:53
LFID & Datetime: LG17014A 07/17/10 03:10
LFID & Datetime: LG17015A 07/17/10 03:27
LFID & Datetime: LG17016A 07/17/10 03:43
LFID & Datetime: LG17017A 07/17/10 04:00
LFID & Datetime: LG17018A 07/17/10 04:17
LFID & Datetime: LG17019A 07/17/10 04:33
CONC UNIT: ppm

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 1.00X	2.00X	10.00X	20.00X	100.00X	300.00X	600.00X	MEAN	%RSD
DIESEL(TOTAL)	5.00	26977	30098	25894	25305	27062	25217	23023	26225.1	8.3
DIESEL(C10-C24)	5.00	25961	28056	24862	24253	26113	24272	22059	25082.1	7.5
DIESEL(C10-C28)	5.00	25961	28056	24862	24260	26140	24282	22083	25091.9	7.5
DIESEL(C10-C35)	5.00	25961	28056	24862	24253	26174	24281	22075	25087.3	7.5
DIESEL(C9-C24)	5.00	26977	28794	25412	24810	26690	24866	22656	25743.3	7.6
DIESEL(C9-C25)	5.00	26977	28794	25412	24810	26701	24874	22671	25748.5	7.6
DIESEL(C10-C36)	5.00	25961	28056	24862	24260	26140	24282	22083	25091.9	7.5
DIESEL(C10-C40)	5.00	25961	28056	24862	24260	26140	24282	22083	25091.9	7.5

SURROGATE	X	0.00X	1.00X	2.00X	3.00X	4.00X	5.00X	11.00X	MEAN	%RSD
BROMOBENZENE	20.00	0	15868	14798	14503	15259	15894	15145	15244.7	3.7
HEXACOSANE	5.00	0	19449	18959	18669	19977	20700	20750	19750.8	4.4

DS105G17.MET

7-19-16

INITIAL CALIBRATION
METHOD MB015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
LFID & Datetime: LG17021A 07/17/10 05:07
LFID & Datetime: LG17022A 07/17/10 05:23
LFID & Datetime: LG17023A 07/17/10 05:40
LFID & Datetime: LG17024A 07/17/10 05:57
LFID & Datetime: LG17025A 07/17/10 06:13
LFID & Datetime: LG17026A 07/17/10 06:30
CONC UNIT: ppm

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	20.00X	100.00X	300.00X	600.00X	MEAN	%RSD
JP5(C8-C18)	5.00	30918	29360	28283	28525	24125	24501	27618.7	9.9
M.OIL(C18-C36)	5.00	10663	10352	10490	13097	12922	13321	11804.1	12.2
M.OIL(C24 C36)	5.00	9574	8749	8462	11087	10939	11377	10031.4	12.7
M.OIL(C24-C40)	5.00	9574	8749	8462	11087	10941	11377	10031.9	12.7

DS105G17.MET

JL 7-19-10

5010

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GC7105
GC Column : HP5
Column size ID : 30MXD.32MM 0.25UM
Mid Conc Init LFID & Datetime: LG17017A 07/17/2010 04:00
Conc Cont LFID & Datetime: LG17020A 07/17/2010 04:50
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	26225.1	14719233	561.27	12		15
DIESEL(C10-C24)	NA	NA	NA	500.0	25082.1	14064683	560.75	12		15
DIESEL(C10-C28)	NA	NA	NA	500.0	25091.9	14115493	562.55	13		15
DIESEL(C10-C25)	NA	NA	NA	500.0	25087.3	14114453	562.61	13		15
DIESEL(C9-C24)	NA	NA	NA	500.0	25743.3	14412461	559.85	12		15
DIESEL(C9-C25)	NA	NA	NA	500.0	25740.5	14462231	561.67	12		15
DIESEL(C10-C36)	NA	NA	NA	500.0	25091.9	14115493	562.55	13		15
DIESEL(C10-C40)	NA	NA	NA	500.0	25091.9	14115493	562.55	13		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
BROMOBENZENE	1.782	1.779	1.785	80.0	15244.7	1234485	80.98	1		15
HEXACOSANE	4.988	4.838	5.138	20.0	19750.8	437870	22.17	11		15

DS105G17.MET

7-19-10

5012

INITIAL CALIBRATION VERIFICATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LG17024A 07/17/2010 05:57
Conc Cont LFID & Datetime: LG17027A 07/17/2010 06:47
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	DL	%D LIMITS
JP5(C8-C18)	NA	NA	NA	500.0	27618.7	13431948	486.33	-3		20
M.OIL(C18-C36)	NA	NA	NA	500.0	11804.1	6911903	585.55	17		20
M.OIL(C24-C36)	NA	NA	NA	500.0	10031.4	4095950	408.31	-18		20
M.OIL(C24-C40)	NA	NA	NA	500.0	10031.9	4095950	408.29	-18		20

DS105G17.MET

RL 7-19-10

DAILY CALIBRATION

CONTINUE CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GC1105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LG17017A 07/17/2010 04:00
Conc Cont LFID & Datetime: LG17091A 07/18/2010 00:32
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	26225.1	13845270	527.94	6		15
DIESEL(C10 C24)	NA	NA	NA	500.0	25082.1	13186442	525.73	5		15
DIESEL(C10 C28)	NA	NA	NA	500.0	25091.9	13192440	525.76	5		15
DIESEL(C10-C25)	NA	NA	NA	500.0	25087.3	13191506	525.83	5		15
DIESEL(C9-C24)	NA	NA	NA	500.0	25743.3	13673486	531.15	6		15
DIESEL(C9-C25)	NA	NA	NA	500.0	25748.5	13678550	531.24	6		15
DIESEL(C10-C36)	NA	NA	NA	500.0	25091.9	13192440	525.76	5		15
DIESEL(C10 C40)	NA	NA	NA	500.0	25091.9	13192440	525.76	5		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
BROMOBENZENE	1.780	1.777	1.783	80.0	15244.7	1274015	83.57	4		15
HEXACOSANE	4.965	4.815	5.115	20.0	19750.8	414128	20.97	5		15

CONTINUE CALIBRATION
METHOD M8015

Lab Name : EMAX Inc
Instrument ID : GCT105
GC Column : HP5
Column size ID : 30MX0.32MM 0.25UM
Mid Conc Init LFID & Datetime: LG17017A 07/17/2010 04:00
Conc Cont LFID & Datetime: LG17104A 07/18/2010 04:10
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
DIESEL(TOTAL)	NA	NA	NA	500.0	26225.1	13439019	520.08	4		15
DIESEL(C10-C24)	NA	NA	NA	500.0	25082.1	13048834	520.24	4		15
DIESEL(C10-C28)	NA	NA	NA	500.0	25091.9	13056660	520.35	4		15
DIESEL(C10-C25)	NA	NA	NA	500.0	25087.3	13055818	520.42	4		15
DIESEL(C9-C24)	NA	NA	NA	500.0	25743.3	13473605	523.38	5		15
DIESEL(C9-C25)	NA	NA	NA	500.0	25748.5	13480589	523.55	5		15
DIESEL(C10-C36)	NA	NA	NA	500.0	25091.9	13056660	520.35	4		15
DIESEL(C10 C40)	NA	NA	NA	500.0	25091.9	13056660	520.35	4		15

SURROGATE	MINUTES	FROM	TO	TRUECON	CF	AREA	CONC	%D	QL	LIMITS
BROMOBENZENE	1.780	1.777	1.783	80.0	15244.7	1341049	87.97	10		15
HEXACOSANE	4.963	4.813	5.113	20.0	19750.8	414976	21.01	5		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TPH

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DSG013W: 106052

DSG018S: 106058, 106059

LOQ-05 [JP5], LOQ-06 [5W30]

LOQ-07 [DSL], LOD-05 [JP5]

LOD-06 [5W30], LOD-07 [DSL]

DSG023S: 106130

DSG012W: 106057

DSG017W: 106092, 106093

LOQ-01 [JP5], LOQ-02 [5W30]

LOQ-04 [DSL], LOD-01 [JP5]

LOD-02 [5W30], LOD-04 [DSL]

LOD-02 [10W30], LOQ-03 [10W30]

106078 [AK]

DSG022S: MDL-01-07 [20W40 AK]

LOD-07, LOQ-07 [20W40 AK]

LOD-08, -09, -10 [DSL AK]

LOQ-08 [DSL AK]

ICAL: 10W30 SS3B-11-30-3

AK DSL SS3B-11-31-3

AK SURR SS3B-11-32-1

AK M.O 20W40W SS3B-11-33-1

ICV: 10W30 SS3B-11-31-1

AK DSL/SURR SS3B-11-32-2

AK M.O 20W40W SS3B-11-33-2

Book #:	A105-013
Instrument No.:	105
Analytical Sequence:	~~LF17~~ LG17
Method File:	~~DSG~~/DS105617/DS
Analytical Batch:	CDS105617395

SOP #	Rev. #
☑ EMAX-8015	4
☐ EMAX-LUFT	3
☐ EMAX-AK102	2

STANDARDS ID	Conc (mg/L)
ICAL DSL SS3B-11-29-1; JP5/5W30 SS3B-11-30-1	
☑ Diesel ☐ Alcohol	
☑ Motor Oil ☑ JP5	
CH_2Cl_2 #60139	Pure
DSL DCC SS3B-11-28-1	500/80%
~~LCS~~ DRO SS3B-11-23-1; GRO SS3B-10-32-3	—
JP5/5W30 DCC SS3B-11-28-2	500
10W30 DCC SS3B-11-28-3	500
ICV DSL SS3B-11-29-2; JP5/5W30 SS3B-11-30-2	500 [illegible]

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ EZCELITE-11	
☐	

Analyzed By: RMH/KML

Date: 7/16/10

GCT-105 Method: DS105G17.MET Data: LG17124.dat

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Vial	Volume	Sample ID	Method	Filename	Sample	Action	Description
1		88	2	EMPTY	BAKE.met	LG17001.dat	1		
2		88	2	EMPTY	DS105G17.MET	LG17002.dat	1		
3		90	2	BLNK	DS105G17.MET	LG17003.dat	1		
4		90	2	BLNK	DS105G17.MET	LG17004.dat	1		
5		90	2	BLNK	DS105G17.MET	LG17005.dat	1		
6		90	2	BLNK	DS105G17.MET	LG17006.dat	1		
7		90	2	BLNK	DS105G17.MET	LG17007.dat	1		
8		90	2	BLNK	DS105G17.MET	LG17008.dat	1		
9		90	2	BLNK	DS105G17.MET	LG17009.dat	1		
10		95	2	BLNK	DS105G17.MET	LG17010.dat	1		
11		1	2	IB	DS105G17.MET	LG17011.dat	1		
12		1	2	IB 105G17395	DS105G17.MET	LG17012.dat	1		
13		2	2	DS105G17001 5PPM	DS105G17.MET	LG17013.dat	1		3338-11-29-1
14		3	2	DS105G17002 10/20/5PPM	DS105G17.MET	LG17014.dat	1		
15		4	2	DS105G17003 50/40/10PPM	DS105G17.MET	LG17015.dat	1		
16		5	2	DS105G17004 100/60/15PPM	DS105G17.MET	LG17016.dat	1		
17		6	2	DS105G17005 500/80/20PPM	DS105G17.MET	LG17017.dat	1		
18		7	2	DS105G17006 1500/100/25PPM	DS105G17.MET	LG17018.dat	1		
19		8	2	DS105G17007 3000/220/55PPM	DS105G17.MET	LG17019.dat	1		
20		9	2	DS105G17001 500/80/20PPM	DS105G17.MET	LG17020.dat	1		3338-11-29-2
21		10	2	DS105G17008 10/10 JPS/5W30	DS105G17.MET	LG17021.dat	1		3338-11-30-1
22		11	2	DS105G17009 50/50 JPS/5W30	DS105G17.MET	LG17022.dat	1		
23		12	2	DS105G17010 100/100 JPS/5W30	DS105G17.MET	LG17023.dat	1		
24		13	2	DS105G17011 500/500 JPS/5W30	DS105G17.MET	LG17024.dat	1		
25		14	2	DS105G17012 1500/1500 JPS/5W30	DS105G17.MET	LG17025.dat	1		
26		15	2	DS105G17013 3000/3000 JPS/5W30	DS105G17.MET	LG17026.dat	1		
27		16	2	DS105G17002 JPS/5W30 500PPM	DS105G17.MET	LG17027.dat	1		3338-11-30-2
28		85	2	TEST	DS105G17.MET	LG17028.dat	1		RESTEK
29		17	2	DRO	DS105G17.MET	LG17029.dat	1		3338-11-25-1
30		18	2	GRO	DS105G17.MET	LG17030.dat	1		3338-10-22-3
31		99	2	IB105G17396	MW105G17.met	LG17031.dat	1		3338-11-30-3
32		13	2	MW105G17001 10W30 10PPM	MW105G17.met	LG17032.dat	1		
33		20	2	MW105G17002 10W30 20PPM	MW105G17.met	LG17033.dat	1		
34		21	2	MW105G17003 10W30 50PPM	MW105G17.met	LG17034.dat	1		
35		22	2	MW105G17004 10W30 500PPM	MW105G17.met	LG17035.dat	1		
36		23	2	MW105G17005 10W30 1000PPM	MW105G17.met	LG17036.dat	1		FINAL
37		24	2	MW105G17006 10W30 2000PPM	MW105G17.met	LG17037.dat	1		

For Help, press F1

Equilibrating method...

Sunday, July 18, 2010

Start | EZChrom Elite | GCT-105 Method: ... | GCT-105 (Offline) M... | untitled - Paint | D:\Projects\EZCSS\Da... | 09:41

7/18/10

GCT-105 Method: DS105G17.MET Data: LG17124.dat Project: [illegible]

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Vial	Volume	Sample ID	Method	Filename	Sample	Action	Description
38		25	2	MW105G17007 10W30 3000PPM	MW105G17.met	LG17038.dat	1		[illegible]
39		26	2	MW10G17001 10W30 500PPM	MW105G17.met	LG17039.dat	1		[illegible]
40		39	2	IB105G17396	DS105G17.MET	LG17040.dat	1		
41		2	2	CDS105G17396 DSL 500/80/20	DS105G17.MET	LG17041.dat	1		
42		3	2	CDS105G17397 JP5/5W30 500PPM	DS105G17.MET	LG17042.dat	1		
43		27	2	DSG013-WQ	DS105G17.MET	LG17043.dat	1		
44		28	2	DSG013-WX	DS105G17.MET	LG17044.dat	1		
45		29	2	DSG013-WY	DS105G17.MET	LG17045.dat	1		
46		30	2	10G082-01W	DS105G17.MET	LG17046.dat	1		
47		31	2	10G082-02W	DS105G17.MET	LG17047.dat	1		
48		32	2	10G082-03W	DS105G17.MET	LG17048.dat	1		
49		33	2	10G082-04W	DS105G17.MET	LG17049.dat	1		
50		34	2	10G082-05W	DS105G17.MET	LG17050.dat	1		
51		35	2	10G082-06W	DS105G17.MET	LG17051.dat	1		
52		36	2	10G082-07W	DS105G17.MET	LG17052.dat	1		
53		99	2	IB105G17398	DS105G17.MET	LG17053.dat	1		
54		2	2	CDS105G17398 DSL 500/80/20	DS105G17.MET	LG17054.dat	1		
55		3	2	CDS105G17399 JP5/5W30 500PPM	DS105G17.MET	LG17055.dat	1		
56		37	2	10G082-08W	DS105G17.MET	LG17056.dat	1		
57		38	2	10G082-09W	DS105G17.MET	LG17057.dat	1		
58		39	2	10G082-10W	DS105G17.MET	LG17058.dat	1		
59		40	2	DSG018SB	DS105G17.MET	LG17059.dat	1		
60		41	2	DSG018SL	DS105G17.MET	LG17060.dat	1		
61		42	2	DSG018SC	DS105G17.MET	LG17061.dat	1		
62		43	2	10G088-01	DS105G17.MET	LG17062.dat	1		
63		44	2	10G088-02	DS105G17.MET	LG17063.dat	1		
64		45	2	10G088-03	DS105G17.MET	LG17064.dat	1		
65		46	2	10G088-04	DS105G17.MET	LG17065.dat	1		
66		100	2	IB105G17400	DS105G17.MET	LG17066.dat	1		
67		2	2	CDS105G17400 DSL 500/80/20	DS105G17.MET	LG17067.dat	1		
68		3	2	CDS105G17401 JP5/5W30 500PPM	DS105G17.MET	LG17068.dat	1		
69		47	2	10G083-05	DS105G17.MET	LG17069.dat	1		FINAL
70		48	2	10G083-06	DS105G17.MET	LG17070.dat	1		YELLOW
71		49	2	10G088-06M	DS105G17.MET	LG17071.dat	1		YELLOW
72		50	2	10G088-06S	DS105G17.MET	LG17072.dat	1		YELLOW
73		51	2	10G099-01	DS105G17.MET	LG17073.dat	1		YELLOW
74		52	2	10G099-02	DS105G17.MET	LG17074.dat	1		YELLOW

For Help, press F1 Equilibrating method... Sunday, July 18, 2010

Start EZChrom Elite GCT-105 Method: GCT-105 (Offline) ... Untitled - Paint D:\Projects\EZC331\D... 09:42

GCT-105 Method: DS105G17.MET Data: LG17124.dat Project: [illegible] Column: [illegible]

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Vial	Volume	Sample ID	Method	Filename	Sample	Action	Description
75		53	2	10G089-04	DS105G17.MET	LG17075.dat	1		YELLOW
76		54	2	10G089-03T 0.5/1	DS105G17.MET	LG17076.dat	1		YELLOW
77		100	2	IB105G17402	DS105G17.MET	LG17077.dat	1		
78		2	2	CDS105G17402 DSL 500/80/20	DS105G17.MET	LG17078.dat	1		
79		3	2	CDS105G17403 JP5/SW30 500PPM	DS105G17.MET	LG17079.dat	1		
80		55	2	LOQ-05 JP5	DS105G17.MET	LG17080.dat	1		
81		56	2	LOQ-06 SW30	DS105G17.MET	LG17081.dat	1		
82		57	2	LOQ-07 DSL	DS105G17.MET	LG17082.dat	1		
83		58	2	LOQ-05 JP5	DS105G17.MET	LG17083.dat	1		
84		59	2	LOQ-06 SW30	DS105G17.MET	LG17084.dat	1		
85		60	2	LOQ-07 DSL	DS105G17.MET	LG17085.dat	1		
86		61	2	DSG023SB	DS105G17.MET	LG17086.dat	1		
87		62	2	DSG023SL	DS105G17.MET	LG17087.dat	1		
88		63	2	DSG023SC	DS105G17.MET	LG17088.dat	1		
89		64	2	10G130-02T 0.1/1ML	DS105G17.MET	LG17089.dat	1		Yellow [illegible]
90		1	2	IB105G17404	DS105G17.MET	LG17090.dat	1		
91		2	2	CDS105G17404 DSL 500/80/20	DS105G17.MET	LG17091.dat	1		
92		3	2	CDS105G17405 JP5/SW30 500PPM	DS105G17.MET	LG17092.dat	1		Yellow [illegible]
93		65	2	10G130-02T 0.1/1ML	DS105G17.MET	LG17093.dat	1		Yellow
94		66	2	10G130-02T 0.2/1ML	DS105G17.MET	LG17094.dat	1		Yellow
95		67	2	DSG012WL	DS105G17.MET	LG17095.dat	1		
96		68	2	DSG012WC	DS105G17.MET	LG17096.dat	1		
97		69	2	DSG012WB	DS105G17.MET	LG17097.dat	1		
98		70	2	10G067-01	DS105G17.MET	LG17098.dat	1		
99		71	2	DSG017WL	DS105G17.MET	LG17099.dat	1		
100		72	2	DSG017WC	DS105G17.MET	LG17100.dat	1		
101		73	2	DSG017WB	DS105G17.MET	LG17101.dat	1		
102		74	2	10G092-01	DS105G17.MET	LG17102.dat	1		
103		1	2	IB105G17406	DS105G17.MET	LG17103.dat	1		
104		2	2	CDS105G17406 DSL 500/80/20	DS105G17.MET	LG17104.dat	1		
105		3	2	CDS105G17407 JP5/SW30 500PPM	DS105G17.MET	LG17105.dat	1		FINAL
106		75	2	10G093-01	DS105G17.MET	LG17106.dat	1		
107		76	2	10G093-02	DS105G17.MET	LG17107.dat	1		
108		77	2	10G093-04	DS105G17.MET	LG17108.dat	1		
109		78	2	LOQ-01 JP5	DS105G17.MET	LG17109.dat	1		
110		79	2	LOQ-02 SW30	DS105G17.MET	LG17110.dat	1		
111		80	2	LOQ-04 DSL	DS105G17.MET	LG17111.dat	1		

For Help, press F1

Equilibrating method...

Sunday, July 18, 2010

Start | EZChrom Elite | GCT-105 Method: | GCT-105 (Offline) | Untitled - Paint | D:\Projects\EZC3010\D... | 09:42

GCT-105 Method: DS105G17.MET Data: LG17125.da

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Vial	Volume	Sample ID	Method	Filename	Sample	Action	Description
111		30	2	LOD-04 DSL	DS105G17.MET	LG17111.dat	1		
112		31	2	LOD-01 JP5	DS105G17.MET	LG17112.dat	1		
113		32	2	LOD-02 5w30	DS105G17.MET	LG17113.dat	1		
114		83	2	LOD-04 DSL	DS105G17.MET	LG17114.dat	1		
115		84	2	10GD99-03	DS105G17.MET	LG17115.dat	1		
116		1	2	IB105G17408	DS105G17.MET	LG17116.dat	1		
117		2	2	CDS105G17409 DSL 500/80/20	DS105G17.MET	LG17117.dat	1		
118		3	2	CDS105G17409 JP5/5W30 500PPM	DS105G17.MET	LG17118.dat	1		
119		4	2	MW105G17410 10W30 500PPM	DS105G17.MET	LG17119.dat	1		
120		85	2	LOD-03 10W30	DS105G17.MET	LG17120.dat	1		
121		5	2	LOD-03 10W30	DS105G17.MET	LG17121.dat	1		
122		88	2	10GD99-03	DS105G17.MET	LG17122.dat	1		AMBER
123	Complete	1	2	RINSE	DS105G17.MET	LG17123.dat	1		
124		2	2	test	DS105G17.MET	LG17124.dat	1		alaska
125	Acquiring	3	2	DJS105G17412 JP5/5W30 500PPM	DS105G17.MET	LG17125.dat	1		
126		4	2	MW105G17413 10W30 500PPM	MW105G17.met	LG17126.dat	1		
127		2	2	CDS105G17411 DSL 500/80/20	DS105G17.MET	LG17127.dat	1		
128		96	2	B105G17414	DS105G18AK.met	LG17128.dat	1		
129		97	2	B105G17414	DS105G18AK.met	LG17129.dat	1		
130		6	2	DS105G18001 5PPM ALASKA	DS105G18AK.met	LG17130.dat	1		ALASKA ICAL DSL SSB-11-31-3
131		7	2	DS105G18002 10PPM	DS105G18AK.met	LG17131.dat	1		
132		8	2	DS105G18003 50PPM	DS105G18AK.met	LG17132.dat	1		
133		9	2	DS105G18004 100PPM	DS105G18AK.met	LG17133.dat	1		
134		10	2	DS105G18005 6000PPM	DS105G18AK.met	LG17134.dat	1		
135		11	2	DS105G18006 1500PPM	DS105G18AK.met	LG17135.dat	1		
136		12	2	DS105G18007 3000PPM	DS105G18AK.met	LG17136.dat	1		
137		13	2	DS105G18008 20/5PPM ALASKA	DS105G18AK.met	LG17137.dat	1		ALASKA ICAL SURR SSB-11-32-1
138		14	2	DS105G18009 40/10PPM	DS105G18AK.met	LG17138.dat	1		
139		15	2	DS105G18010 60/15PPM	DS105G18AK.met	LG17139.dat	1		
140		16	2	DS105G18011 80/20PPM	DS105G18AK.met	LG17140.dat	1		
141		17	2	DS105G18012 100/25PPM	DS105G18AK.met	LG17141.dat	1		
142		18	2	DS105G18013 220/55PPM	DS105G18AK.met	LG17142.dat	1		
143		19	2	DS105G18001 500/80/20PPM	DS105G18AK.met	LG17143.dat	1		ALASKA ICV DSL SSB-11-32-2
144		20	2	MO105G18001 10PPM	MO105G18AK.met	LG17144.dat	1		ALASKA ICAL 30/40W SSB-11-33-3
145		21	2	MO105G18002 20PPM	MO105G18AK.met	LG17145.dat	1		
146		22	2	MO105G18003 50PPM	MO105G18AK.met	LG17146.dat	1		
147		23	2	MO105G18004 50PPM	MO105G18AK.met	LG17147.dat	1		

FINAL

For help, press F1

Equilibrating method...

Sunday, July 18, 2010

Start | EZChrom Elite | GCT-105 Methods: D... | untitled - Paint | D:\Projects\EZC33\Export | 09:56

GCT-105 Method: DS105G17.MET Data: LG17124.dat Project: EZC33 Sequence: LG17124.seq

File Edit View Method Data Sequence Analysis Control Reports Window Help

1: FID

Run #	Status	Vial	Volume	Sample ID	Method	Filename	Sample	Action	Description
149		24	2	MD105G19005 1000PPM	MD105G18AK.met	LG17148.dat	1		SS 36 - 11 - 33 - 1
149		25	2	MD105G19006 2000PPM	MD105G18AK.met	LG17149.dat	1		
150		25	2	MD105G17007 3000PPM	MD105G18AK.met	LG17150.dat	1		
151		27	2	MD105G17001 500PPM	MD105G18AK.met	LG17151.dat	1		ALASKA DV 30/40W SS 33 13 - 11 - 33 - 2
152		28	2	GRO	DS105G18AK.met	LG17152.dat	1		SS 313 - 11 - 23 - 1
153		29	2	GRO	DS105G18AK.met	LG17153.dat	1		SS 313 - 10 - 32 - 3
154		98	2	IB105G17415	DS105G18AK.met	LG17154.dat	1		
155		2	2	CDS105G18AK415 500/80/20PPM	DS105G18AK.met	LG17155.dat	1		
156		3	2	CMD105G18AK416 500PPM	MD105G18AK.met	LG17156.dat	1		
157		30	2	10G078-20T 0.2/1ML	DS105G18AK.met	LG17157.dat	1		
158		31	2	10G078-13T 0.2/1ML	DS105G18AK.met	LG17158.dat	1		
159		32	2	10G078-13M 0.2/1ML	DS105G18AK.met	LG17159.dat	1		
160		33	2	10G078-13S 0.2/1ML	DS105G18AK.met	LG17160.dat	1		
161		34	2	10G078-03T 0.1/1ML	DS105G18AK.met	LG17161.dat	1		
162		35	2	10G078-36T 0.05/1ML	DS105G18AK.met	LG17162.dat	1		
163		98	2	IB105G17417	DS105G18AK.met	LG17163.dat	1		
164		2	2	CDS105G18AK417 500/80/20PPM	DS105G18AK.met	LG17164.dat	1		
165		3	2	CMD105G18AK418 500PPM	MD105G18AK.met	LG17165.dat	1		
166		36	2	DSG0229 B	DS105G18AK.met	LG17166.dat	1		
167		37	2	DSG0229 L	DS105G18AK.met	LG17167.dat	1		
168		38	2	DSG0229 C	DS105G18AK.met	LG17168.dat	1		
169		39	2	MDL-01 3040W ALASKA 20PPM	DS105G18AK.met	LG17169.dat	1		
170		40	2	MDL-02 3040W ALASKA	DS105G18AK.met	LG17170.dat	1		FINAL
171		41	2	MDL-03 3040W ALASKA	DS105G18AK.met	LG17171.dat	1		
172		42	2	MDL-04 3040W ALASKA	DS105G18AK.met	LG17172.dat	1		
173		43	2	MDL-05 3040W ALASKA	DS105G18AK.met	LG17173.dat	1		
174		44	2	MDL-06 3040W ALASKA	DS105G18AK.met	LG17174.dat	1		
175		45	2	MDL-07 3040W ALASKA	DS105G18AK.met	LG17175.dat	1		
176		99	2	IB105G17419	DS105G18AK.met	LG17176.dat	1		
177		2	2	CDS105G18AK419 500/80/20PPM	DS105G18AK.met	LG17177.dat	1		
178		3	2	CMD105G18AK420 500PPM	MD105G18AK.met	LG17178.dat	1		
179		46	2	LOD-07 30/40W ALASKA	DS105G18AK.met	LG17179.dat	1		
180		47	2	LOD-07 30/40W ALASKA	DS105G18AK.met	LG17180.dat	1		
181		48	2	LOD-08 DSL ALASKA	DS105G18AK.met	LG17181.dat	1		
182		49	2	LOD-09 DSL ALASKA	DS105G18AK.met	LG17182.dat	1		
183		50	2	LOD-10 DSL ALASKA	DS105G18AK.met	LG17183.dat	1		
184		51	2	LOD-09 DSL ALASKA	DS105G18AK.met	LG17184.dat	1		

For Help, press F1

Equilibrating method...

Start | EZChrom Elite | GCT-105 Method... | GCT-105 (offline) ... | untitled - Paint | D:\Projects\EZC33\D... | Sunday, July 18, 2010 09:43

E2C3

GCT-105 (Offline) Method: DS105G18AK.met Data: LG17152.dat Project: EZ Chrom Sequence: [illegible]

File Edit View Method Data Sequence Analysis Control Reports Window Help

Run #	Status	Run Type	Vial	Volume	Sample ID	Method	Filename	Sample	Action
184		Unknown	51		2 LOQ-08 DSL ALASKA	DS105G18AK.met	LG17184.dat	1	
185		Unknown	59		2 IB105G17423	DS105G18AK.met	LG17185.dat	1	
186		Unknown	69		2 CD5105G18AK421 500/80/20PPM	DS105G18AK.met	LG17186.dat	1	
187		Unknown	90		2 MD105G18AK421 500/80/20PPM	[illegible]	[illegible]	1	
188		Unknown			2 BB	DS105G18AK.met	LG17188.dat	1 ANY	
189		Unknown			2 BB	DS105G18AK.met	LG17189.dat	1	
190		Unknown			2 BB	DS105G18AK.met	LG17190.dat	1	
191		Unknown			2 BB	DS105G18AK.met	LG17191.dat	1	
192		Unknown			2 BB	DS105G18AK.met	LG17192.dat	1	
193		Unknown			2 BB	DS105G18AK.met	LG17193.dat	1	
194		Unknown			2 BB	DS105G18AK.met	LG17194.dat	1	
195		Unknown			2 BB	DS105G18AK.met	LG17195.dat	1	
196		Unknown			2 BB	DS105G18AK.met	LG17196.dat	1	
197		Unknown			2 BB	DS105G18AK.met	LG17197.dat	1	
198		Unknown			2 BB	DS105G18AK.met	LG17198.dat	1	
199		Unknown			2 BB	DS105G18AK.met	LG17199.dat	1	
200		Unknown			2 BB	DS105G18AK.met	LG17200.dat	1	
201		Unknown			0 BB	DS105G18AK.met	LG17201.dat	1	
202		Unknown			0 BB	DS105G18AK.met	LG17202.dat	1	
203		Unknown			0 BB	DS105G18AK.met	LG17203.dat	1	
204		Unknown			0 BB	DS105G18AK.met	LG17204.dat	1	
205		Unknown			0 BB	DS105G18AK.met	LG17205.dat	1	
206		Unknown			0 BB	DS105G18AK.met	LG17206.dat	1	
207		Unknown			0 BB	DS105G18AK.met	LG17207.dat	1	
208		Unknown			0 BB	DS105G18AK.met	LG17208.dat	1	
209		Unknown			0 BB	DS105G18AK.met	LG17209.dat	1	
210		Unknown			0 BB	DS105G18AK.met	LG17210.dat	1	
211		Unknown			0 BB	DS105G18AK.met	LG17211.dat	1	
212		Unknown			0 BB	DS105G18AK.met	LG17212.dat	1	
213		Unknown			0 BB	DS105G18AK.met	LG17213.dat	1	
214		Unknown			0 BB	DS105G18AK.met	LG17214.dat	1	
215		Unknown			0 BB	DS105G18AK.met	LG17215.dat	1	
216		Unknown			0 BB	DS105G18AK.met	LG17216.dat	1	
217		Unknown			0 BB	DS105G18AK.met	LG17217.dat	1	
218		Unknown			0 BB	DS105G18AK.met	LG17218.dat	1	
219		Unknown			0 BB	DS105G18AK.met	LG17219.dat	1	
220		Unknown			0 BB	DS105G18AK.met	LG17220.dat	1	

FINAL

7/19/10

For Help, press F1

Monday, July 19, 2010

Start | EZChrom Elite | untitled - Paint | D:\Projects\EZC30... | Calculator | GCT-105 Metho... | GCT-105 (Offline... | 09:50

5021

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR TPH

SOP ☐ EMAX-3550 Rev. No.2 ☐ EMAX-3520 Rev. No.2 ☐ EMAX-LUFT E Rev. No.3 ☐ EMAX-3540 Rev. No.0 ☐ EMAX-3510 Rev. No. 1 ☐ EMAX-AK102 Rev. No. 2

Matrix: WATER Start Date: 07-13-10 Time: 15 30 End Date: 7/14/10 Time: 9:30 Book # EDS-049

PREPARATION BATCH # DSG 017 W

	Sample Prep ID	Lab Sample ID	Sonicator Number	Sample Amount (g / ml)	Extract Volume (ml)	Silica Gel Clean-up	Notes
01	DSG017	-WB		1000	10		
02	DSG017	-WL		1000	10		
03	DSG017	-WC		1000	10		
04	DG092	-01		1040	10		yellow soln.
05	10G093	-01		960	10		light yellow soln.
06	10G093	-02		970	10		yellow orange soln.
07	10G093	-03		920	10		light orange soln.
08	10G093	-04		950	10		light yellow soln.
09	LOQ	-01		1000	10	JP5	SPIKE 10ppm (5ml) 2.5ppm (0.25ml)
10	LOQ	-02		1000	10	SW30	10ppm (0.02ml) 0.2ml
11	LOQ	-03		1000	10	10W30	10ppm (0.02ml) 0.2ml
12	LOD	-01		1000	10	JP5	5ppm (2.5ml) 10ppm 0.1ml 2.5ppm
13	LOD	-02		1000	10	SW30	5ppm (0.01ml) 0.1 ml
14	LOD	-03		1000	10	10W30	5ppm (0.01ml) 0.1 ml
15	LOQ	-04		1000	10	Diesel	10ppm (0.02ml) (0.2ml)
16	LOD	-04		1000	10	Diesel	5ppm (0.01ml) (0.1ml)
17							
18							
19							
20							
21				7/14/10	JM		
22							
23							
24							
25							
26							
27							

Standards	ID	Amount Added (ml)
Surrogate	SS3B-11-02-3	1.0
LCSMS DS	SS3B-10-89-1	1.0
JP5	SS3-009-01-20	[illegible]
SW30	SS3B-10-98-3	[illegible]
10W30 Reagent	SS3B-10-82-3 (Lot 718)	0.1 ml
CH_2Cl_2	50139	
Na_2SO_4	J21585	
HCl	48239	
Silica Sand		
Silica Gel		

FLUVING	
Reagent	Reading

Concentrator Water Bath Temp (C)		
1	35	35
2	35	35
3	35	35
4		
5		
6		

Concentrator: Test thermometer = T

Prepared By: JM / DN Standard Added By: JM

Witnessed By: YK Checked By: ML

Extract Received by: [illegible] Extract Location: [illegible]

Disposal Date: Disposed By:

This page is checked during data review.

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CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10H661**

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** - Not Requested

EMAX LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618 8889
Fax: (310) 618-0818

Date: 09-22-2010
EMAX Batch No.: 10H661

Attn: Nick Weinberger

Insight EEC, Inc.
5010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 08/31/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SA011-P13	H661-01	08/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SA011-P13-D	H661-02	08/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SA003-P13	H661-03	08/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SSB119-P13	H661-04	08/30/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SHB519-P13	H661-05	08/31/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
				TOTAL ORGANIC CARBON
IW 70 SH8311-P13	H661 06	08/31/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
TB-08/30/10	H661-07	08/30/10	WATER	VOLATILE ORGANICS BY GC/MS
IW-70-SHB310-A10	H661-08	08/31/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW07A-A10	H661-09	08/31/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW07B-A10	H661-10	08/31/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
IW-70-SH8319-P13MS	H661-05M	08/31/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SH8319-P13MSD	H661-05S	08/31/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INC 0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE:

EMAX CONTROL NO. * 10H661
PROJECT CODE: 4-14114

CLIENT: INSIGHT SEC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-636-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@JSECI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT SEC INC.
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Lyn Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; WI=Wipe; FP=Pure Product; AR=Air; O=
PRESERVATIVE CODE: C = Ice; HC = HCl; HN=HNO3; SH=NaOH; SN=H2SO3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOC (8260B); DISS. GASES (RSK 175); DISS. ANIONS, FPOS/DIKAIN/UFA (300.0, 353.2, 375.4, 300.0); TOC (5310B); DISS. HYDROGEN SULFIDE (4500 B); DISS. METALS (6010B)

TAT: ☐ Rush ___ hrs. ☐ Rush ___ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ___ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC	DISS. GASES	DISS. ANIONS	TOC	DISS. HYDROGEN SULFIDE	DISS. METALS			COMMENTS
1	IW-70-SAB11-P13	IR 70	8/30/10	1205	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					EFFLUENT WELL
2	IW-70-SAB11-P13-D	IR 70	8/30/10	1210	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					DUPLICATE, EFFLUENT WELL
3	IW-70-SAB03-P13	IR 70	8/30/10	1345	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					EFFLUENT WELL
4	IW-70-SS81A-P13	IR 70	8/30/10	1455	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					EFFLUENT WELL
5	IW-70-SHB319-P13	IR 70	8/31/10	0820	24	VARIOUS	VARIOUS	GW	III	X	X	X	X					MS/MSD
6	IW-70-SHB311-P13	IR 70	8/31/10	1000	8	VARIOUS	VARIOUS	GW	III	X	X	X	X					EFFLUENT WELL
7	TB-08/30/10	IR 70	8/30/10	0700	1	40 ml	VOA	GW	III	X								TRIP BLANK
8																		
9																		
10																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BURGTON

COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[signature]	8/31/10	1335	Keith Stout	8/31/10	1420
Keith Stout	8/31/10	1455	[signature]		

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-8818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO.* 10H661

PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH IN SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-679-6700 FAX: 714-679-6711 EMAIL: NWEINBERGER@IGEO.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: JC MYINT

MATRIX CODE: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, WP=Wipes, FP=Pure Products, AI=Air, O=

PRESERVATIVE CODE: C=Ice, HC=HCl, HN=HNO3, SH=NaOH, SY=H2SO4, ZA=Zinc Acetate, HS=H2SO4

ANALYSIS REQUIRED: VOC (8260B), DISS. GASES (RSK 175), ANIONS/TDS/NITRATE/NITRITE (EPA 300.0, 353.2, 2540B, 300.0), TOC (5310B), DISS. H2S (SEE ATTACHED SCHEDULE), DISS. METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC	DISS. GASES	ANIONS/TDS/NITRATE/NITRITE	TOC	DISS. H2S	DISS. METALS			COMMENTS
10	IW-70-SHB310-A10	IN 70	8/31/10	0930	8	VARIOUS	VARIOUS	SW	TE	X	X	X	X					EFFLUENT WELL
11	MW-70-PMW07A-A10	IN 70	8/31/10	1250	10	VARIOUS	VARIOUS	GW	TE	X	X	X	X	X	X			
12	MW-70-PMW07B-A10	IN 70	8/31/10	1330	10	VARIOUS	VARIOUS	GW	TE	X	X	X	X	X	X			
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[signature]	8/31/10	1335	Keith Stout	8/31/10	1420
Keith Stout	8/31/10	1455	[signature]		

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 1000 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 60 days (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	Set Co.	RCN 10H661
☐ Client Delivery		Receipient J-LUNA
☐ Third Party		Date 8-31-10
		Time 1455

COC Inspection

☐ Client Name ☑ Client PM/#C ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ Tel # / Fax # ☐ Courier Signature ☑ Analysis Required ☐ Preservative (if any) ☐ DAT
Safety Issues ☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments.

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☑ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ ____
Temperatures (Cool, 20 °C but not frozen)	☑ Cooler 1 3.2 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC-ID	Discrepancy Code	Corrective Action Code
01, 02, 04, 05, 06			F2	R5, R6
-02		DHC by DNA	H1	R5

REVIEWS

Sample Labeling ____ SRF ____ PM ____
Date 8/31/10 Date ____ Date 8/31/10

LEGEND.

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold samples, wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4 ____		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	Inform client
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	Analyze vials with smallest bubble first.
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble in 6mm		
B4 ____		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	RECVD 1 EXTRA 1 LTR POLY CONTAINER, NOT		
C4 ____		H2	REQSTED IN COC		

Linh Pham

From: Nick Weinberger [NWeinberger@ieeci.com]
Sent: Wednesday, September 01, 2010 11:07 AM
To: Ye Myint
Cc: Brian Gober; Tony Ford; Sree Akkenapally; Linh Pham
Subject: RE: VFA only

Ye,

Sorry for all the confusion on this. For clarity here are the samples and what we need to do:

These 6 samples:
IW-70-SAB03-P13
IW-70-SAB11-P13
IW-70-SAB11-P13D
IW-70-SHB311-P13
IW-70-SHB319-P13
IW-70-SSB119-P13

Will require the following tests:
VOC's by 8260B
Dissolved Gasses by RSK-175
VFAs by 300.0M
TOC by 5310B

Again, sorry for all the confusion on this.

Thanks,
-Nick

Nicholas M. Weinberger
Project Chemist
Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, Ca 92806-1810
Office: 714-678-6700
Cell: 909-859-9155
Fax: 714 678 6711

From: Ye Myint [mailto:YMyint@emaxlabs.com]
Sent: Wednesday, September 01, 2010 10:53 AM
To: Nick Weinberger
Cc: Linh Pham
Subject: RE: VFA only

Nick,

Could you please confirm we do not need TOC? It looks like we will be performing VOCs and dissolved gases only for these 6 samples.
Thanks.

Ye
310-618 8889 x121

From: Nick Weinberger [mailto:NWeinberger@leeci.com]
Sent: Wednesday, September 01, 2010 10:18 AM
To: Ye Myint
Subject: RE: VFA only

Ye,
Correction below in RED. Sample is IW-70-SSB119-P13, NOT IW-70-SSB319-P13. Again, these 6 samples only require VFAs, not Alkalinity, TOC, or Anions.

Thanks,
Nick

From: Nick Weinberger
Sent: Wednesday, September 01, 2010 8:49 AM
To: 'Ye Myint'
Subject: FW: VFA only

Ye,
The following samples were marked for a group of general chemistry parameters, but of that group *should only* get VFAs.
IW-70-SAB03-P13
IW-70-SAB11-P13
IW-70-SAB11-P13D
IW-70-SHB311-P13
IW-70-SHB319-P13
IW-70-SSB119-P13

Call me if you have any questions or if there is any confusion.

Thanks,
Nick

From: Brian Gober
Sent: Wednesday, September 01, 2010 8:46 AM
To: Nick Weinberger
Subject: VFA only

Nick,

The following wells were marked gen. chem. on the COC but actually only need VFA:

IW-70-SAB03-P13
IW-70-SAB11 P13 & IW-70-SAB11-P13D (dup)
IW-70-SHB311-P13
IW-70-SHB319-P13
IW-70-SSB319-P13

Sorry...

BG

Ye Myint

From: Nick Weinberger [NWeinberger@ieeci.com]
Sent: Wednesday, September 01, 2010 10:55 AM
To: Ye Myint
Subject: RE: VFA only

Ye,
Crap. Got ahead of myself again. We DO need TOC. No anions, Alkalinity, or TDS.

Sorry,
Nick

From: Ye Myint [mailto:YMyint@emaxlabs.com]
Sent: Wednesday, September 01, 2010 10:53 AM
To: Nick Weinberger
Cc: Linh Pham
Subject: RE: VFA only

Nick,

Could you please confirm we do not need TOC? It looks like we will be performing VOCs and dissolved gases only for these 6 samples.
Thanks.

Ye
310-618-8889 x121

From: Nick Weinberger [mailto:NWeinberger@ieeci.com]
Sent: Wednesday, September 01, 2010 10:18 AM
To: Ye Myint
Subject: RE: VFA only

Ye,
Correction below in RED. Sample is IW-70-SSB119-P13, NOT IW-70-SSB319-P13. Again, these 6 samples only require VFAs, not Alkalinity, TOC, or Anions.

Thanks,
Nick

From: Nick Weinberger
Sent: Wednesday, September 01, 2010 8:49 AM
To: 'Ye Myint'
Subject: FW: VFA only

Ye,
The following samples were marked for a group of general chemistry parameters, but of that group should only get VFAs.
IW-70-SAB03-P13

IW-70-SAB11-P13
IW-70-SAB11-P13D
IW-70-SHB311-P13
IW-70-SHB319-P13
IW-70-SSB119-P13

Call me if you have any questions or if there is any confusion.

Thanks,
Nick

From: Brian Gober
Sent: Wednesday, September 01, 2010 8:46 AM
To: Nick Weinberger
Subject: VFA only

Nick,

The following wells were marked gen. chem. on the COC but actually only need VFA:

IW-70-SAB03-P13
IW-70-SAB11-P13 & IW-70-SAB11-P13D (dup)
IW-70-SHB311-P13
IW-70-SHB319-P13
IW 70 SSB319 P13

Sorry...

BG

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10H661

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of ten (10) water samples were received on 08/31/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I03L/C were all within QC limits.
Percent recoveries for VO94I06L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for H661-05M/S were within project QC limits.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in sample H661-05R because of improper integration. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10H661
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-394

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094103Q	1	NA	09/04/1002:43	09/04/1002:43	RID045	RHD320	V094103	Method Blank
LCS1W	V094103L	1	NA	09/04/1000:09	09/04/1000:09	RID041	RHD320	V094103	Lab Control Sample (LCS)
LCD1W	V094103C	1	NA	09/04/1000:48	09/04/1000:48	RID042	RHD320	V094103	LCS Duplicate
TB-08/30/10	H661-C7	1	NA	09/04/1003:19	09/04/1003:19	RID046	RHD320	V094103	Field Sample
IW-70-SAB11-P13	H661-C1	1	NA	09/04/1003:56	09/04/1003:56	RID047	RHD320	V094103	Field Sample
IW-70-SAB11-P13-D	H661-C2	1	NA	09/04/1004:32	09/04/1004:32	RID048	RHD320	V094103	Field Sample
IW-70-SAB05-P13	H661-C3	1	NA	09/04/1005:08	09/04/1005:08	RID049	RHD320	V094103	Field Sample
IW-70-SSB119-P13	H661-C4	1	NA	09/04/1005:45	09/04/1005:45	RID050	RHD320	V094103	Field Sample
IW-70-SHB311-P13	H661-C6	1	NA	09/04/1006:23	09/04/1006:23	RID051	RHD320	V094103	Field Sample
IW-70-SHB310-A10	H661-C8	1	NA	09/04/1007:02	09/04/1007:02	RID052	RHD320	V094103	Field Sample
MW-70-PMW07B-A10	H661-10	1	NA	09/04/1008:14	09/04/1008:14	RID054	RHD320	V094103	Field Sample
IW-70-SHB319-P13MS	H661-C5M	1	NA	09/04/1010:05	09/04/1010:05	RID057	RHD320	V094103	Matrix Spike Sample (MS)
IW-70-SHB319-P13MSD	H661-C5S	1	NA	09/04/1010:40	09/04/1010:40	RID058	RHD320	V094103	MS Duplicate (MSD)
MBLK2W	V094106Q	1	NA	09/08/1020:05	09/08/1020:05	RID116	RHD320	V094106	Method Blank
LCS2W	V094106L	1	NA	09/08/1017:00	09/08/1017:00	RID111	RHD320	V094106	Lab Control Sample (LCS)
LCD2W	V094106C	1	NA	09/08/1017:37	09/08/1017:37	RID112	RHD320	V094106	LCS Duplicate
MW-70-PMW07B-A10DL	H661-10T	100	NA	09/08/1021:18	09/08/1021:18	RID118	RHD320	V094106	Diluted Sample
IW-70-SHB310-A10DL	H661-08T	100	NA	09/08/1021:54	09/08/1021:54	RID119	RHD320	V094106	Diluted Sample
MW-70-PMW07A-A10	H661-09R	1	NA	09/09/1000:58	09/09/1000:58	RID124	RHD320	V094106	Field Sample
IW-70-SHB319-P13	H661-05R	1	NA	09/09/1001:35	09/09/1001:35	RID125	RHD320	V094106	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/04/10 03:56
Sample ID:	IW-70-SA011 P13	Date Analyzed:	09/04/10 03:56
Lab Samp ID:	H661-01	Dilution Factor:	1
Lab File ID:	RID047	Matrix	: WATER
Ext Btch ID:	VD94103	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	27	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	8.2J	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	13	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	2.7	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.32J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.6	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.20J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.24J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.7	1.0	0.20
TRICHLOROETHENE	0.36J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.6	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	92	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/04/10 04:32
Sample ID:	IW-70-SAB11-P13-0	Date Analyzed:	09/04/10 04:32
Lab Samp ID:	H661-02	Dilution Factor:	1
Lab File ID:	RID048	Matrix	: WATER
Ext.Btch ID:	V094103	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,3,5-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	27	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	7.8J	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	11	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	2.6	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.30J	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.5	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.20J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.24J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.7	1.0	0.20
TRICHLOROETHENE	0.39J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.7	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.30
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	93	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/04/10 05:08
Sample ID:	1W-70-SAB03 P13	Date Analyzed:	09/04/10 05:08
Lab Samp ID:	H661-03	Dilution Factor:	1
Lab File ID:	RID049	Matrix	: WATER
Ext Btch ID:	VO94I03	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	0.58J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	1.3	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.56J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.26J	1.0	0.20
TRICHLOROETHENE	0.26J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	2.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10M661	Date Extracted:	09/04/10 05:45
Sample ID:	IW-70-SSB119-P13	Date Analyzed:	09/04/10 05:45
Lab Samp ID:	H661-04	Dilution Factor:	1
Lab File ID:	RID050	Matrix	: WATER
Ext Btch ID:	V094103	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T 094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	7.4J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	2.3	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.35J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.69J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	4.1	1.0	0.20
TRICHLOROETHENE	0.79J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	90	70-140

METHOD 5030B/8260D
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/09/10 01:35
Sample ID:	IW-70-SHB319-P13	Date Analyzed:	09/09/10 01:35
Lab Samp ID:	H661-05R	Dilution Factor:	1
Lab File ID:	R10125	Matrix	: WATER
Ext Btch ID:	V0904106	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	10	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	1.4	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.21J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.60J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	5.1	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.1	1.0	0.20
TRICHLOROETHENE	0.21J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.9	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10K661	Date Extracted:	09/04/10 06:23
Sample ID:	LW-70-SIIB311 P13	Date Analyzed:	09/04/10 06:23
Lab Samp ID:	K661-06	Dilution Factor:	1
Lab File ID:	R1D051	Matrix	: WATER
Ext Atch ID:	VO94103	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	9.9J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	1.7	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.45J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.96J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.96J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	3.2	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	14	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 1011641	Date Extracted:	09/04/10 03:19
Sample ID:	TB-08/30/10	Date Analyzed:	09/04/10 03:19
Lab Samp ID:	M661-07	Dilution Factor:	1
Lab File ID:	RID046	Matrix	: WATER
Ext Btch ID:	V094103	% Moisture	: NA
Calib. Ref.:	RMD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3 TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2 CHLOROTOLUENE	ND	1.0	0.20
2 HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.68J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	96	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	109	70-140

METHOD 50308/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/04/10 07:02
Sample ID:	IW-70-SH8310-A10	Date Analyzed:	09/04/10 07:02
Lab Samp ID:	H661-08	Dilution Factor:	1
Lab File ID:	RI0052	Matrix	: WATER
Ext Btch ID:	VD94103	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.31J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	250	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	27	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	370	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	17	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	250E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.73J	1.0	0.20
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.36J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	17	1.0	0.20
TRICHLOROETHENE	18	5.0	0.30
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	15	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	115	70-140
4-BROMOFLUOROBENZENE	87	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/08/10 21:54
Sample ID:	IW-70-SMB310-A100L	Date Analyzed:	09/08/10 21:54
Lab Samp ID:	H661-08T	Dilution Factor:	100
Lab File ID:	R1D119	Matrix :	WATER
Ext Batch ID:	V094I06	% Moisture :	NA
Calib. Ref.:	RHD320	Instrument ID :	T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1 DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	50
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	50
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	50
CIS-1,2-DICHLOROETHENE	210	100	20
DICHLORODIFLUOROMETHANE	ND	200	50
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	ND	500	20
TRICHLOROFLUOROMETHANE	ND	200	50
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	20
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/09/10 00:58
Sample ID:	MW-70-PMW07A-A10	Date Analyzed:	09/09/10 00:58
Lab Samp ID:	H661-09R	Dilution Factor:	1
Lab File ID:	R10124	Matrix	: WATER
Ext Btch ID:	V094I06	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	12	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	1.6	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	2.6	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.22J	1.0	0.20
TRANS 1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	4.9J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/04/10 08:14
Sample ID:	MW-70-PMW07B-A10	Date Analyzed:	09/04/10 08:14
Lab Samp ID:	H661-10	Dilution Factor:	1
Lab File ID:	K1D054	Matrix	: WATER
Ext Btch ID:	V0941Q3	% Moisture	: NA
Calib. Ref.:	RMD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	0.64J	1.0	0.20
1,1-DICHLOROETHENE	3.3	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	9.0J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	1.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS 1,2 DICHLOROETHENE	660E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	8.8	1.0	0.50
TRICHLOROETHENE	8.4	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/08/10 21:18
Sample ID:	MW-70-PMW07B-A100L	Date Analyzed:	09/08/10 21:18
Lab Samp ID:	H661-10T	Dilution Factor:	100
Lab File ID:	R10118	Matrix	: WATER
Ext Btch ID:	V09L106	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2 DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	50
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	880	100	20
DICHLORODIFLUOROMETHANE	ND	200	20
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	20
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	ND	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	20
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	90	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	98	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/04/10
Batch No.	: 10H661	Date Extracted:	09/04/10 02:43
Sample ID:	MBLK1W	Date Analyzed:	09/04/10 02:43
Lab Samp ID:	VD941030	Dilution Factor:	1
Lab File ID:	RID041	Matrix	: WATER
Ext.Btch ID:	VD941O3	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.10
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2 DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	94	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	93	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLK1W
LAB SAMP ID: V094103Q
LAB FILE ID: R1D045
DATE EXTRACTED: 09/04/1002:43
DATE ANALYZED: 09/04/1002:43
PREP. BATCH: V094103
CALIB. REF: RH0320

1	1	
	V094103L	V094103C
	R1D041	R1D042
	09/04/1000:09	09/04/1000:48
	09/04/1000:09	09/04/1000:48
	V094103	V094103
	RH0320	RH0320

% MOISTURE: NA

DATE COLLECTED: NA
DATE RECEIVED: 09/04/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.76	98	10.0	9.75	97	0	60-130	30
Benzene	ND	10.0	9.22	92	10.0	9.46	95	3	70-130	30
Chlorobenzene	ND	10.0	10.3	103	10.0	10.4	104	1	70-130	30
Toluene	ND	10.0	9.29	93	10.0	9.48	95	2	70-130	30
Trichloroethene	ND	10.0	9.57	96	10.0	9.95	99	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.43	94	10.0	9.39	94	70-140
4-Bromofluorobenzene	10.0	9.09	91	10.0	8.98	90	70-130
Toluene-d8	10.0	8.79	88	10.0	9.07	91	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, (R SITE 70.	Date Received:	09/08/10
Batch No.	: 10R661	Date Extracted:	09/08/10 20:05
Sample ID:	MBLKPW	Date Analyzed:	09/08/10 20:05
Lab Samp ID:	VD941060	Dilution Factor:	1
Lab File ID:	RID116	Matrix	: WATER
Ext.Btch ID:	VO941106	% Moisture	: NA
Calib. Ref.:	RND320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V094106Q	V094106L	V094106C		
LAB FILE ID:	RID116	RID111	RID112		
DATE EXTRACTED:	09/08/1020:05	09/08/1017:00	09/08/1017:37	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1020:05	09/08/1017:00	09/08/1017:37	DATE RECEIVED:	09/08/10
PREP. BATCH:	V094106	V094106	V094106		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	11.2	112	10.0	10.8	108	3	60-130	30
Benzene	ND	10.0	10.7	107	10.0	10.6	106	1	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	10.3	103	2	70-130	30
Toluene	ND	10.0	10.4	104	10.0	10.3	103	1	70-130	30
Trichloroethene	ND	10.0	10.9	109	10.0	10.9	109	0	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.84	88	10.0	8.97	90	70-140
4-Bromofluorobenzene	10.0	9.14	91	10.0	9.11	91	70-130
Toluene-d8	10.0	10.0	100	10.0	10.0	100	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: SW 5030B/8260B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: IW-70-SMB319-P13
LAB SAMP ID: H661-05R H661-05M H661-05S
LAB FILE ID: RID125 RID057 RID058
DATE EXTRACTED: 09/09/1001:35 09/04/1010:03 09/04/1010:40 DATE COLLECTED: 08/31/10
DATE ANALYZED: 09/09/1001:35 09/04/1010:03 09/04/1010:40 DATE RECEIVED: 08/31/10
PREP. BATCH: VO94106 VO94103 VO94103
CALIB. REF: RHD320 RHD320 RHD320

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.99	90	10.0	8.82	88	2	60-140	30
Benzene	ND	10.0	9.82	98	10.0	10.0	100	2	60-140	30
Chlorobenzene	ND	10.0	10.1	101	10.0	10.2	102	1	63-132	30
Toluene	5.07	10.0	14.7	97	10.0	15.2	101	3	70-140	30
Trichloroethene	0.208J	10.0	10.2	100	10.0	10.4	102	2	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.43	94	10.0	9.32	93	70-140
4-Bromofluorobenzene	10.0	9.01	90	10.0	8.85	88	70-130
Toluene-d8	10.0	9.32	93	10.0	9.51	95	70-140

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHD314
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10K661
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.35
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.34
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.5)1
176	95.0 - 101.0% of mass 174	76.57(97.2)1
177	5.0 - 9.0% of mass 176	4.78(6.3)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	[illegible]	RHD315	08/11/10	21:30
2	VSTD0.5	[illegible]	RHD316	08/11/10	22:06
3	VSTD01	[illegible]	RHD317	08/11/10	22:43
4	VSTD02	[illegible]	RHD318	08/11/10	23:19
5	VSTD05	[illegible]	RHD319	08/11/10	23:54
6	VSTD010	[illegible]	RHD320	08/12/10	00:29
7	VSTD020	[illegible]	RHD321	08/12/10	01:03
8	VSTD030	[illegible]	RHD322	08/12/10	01:38
9	VSTD040	[illegible]	RHD323	08/12/10	02:13
10	VSTD050	[illegible]	RHD324	08/12/10	02:50
11	VSTD100	[illegible]	RHD325	08/12/10	03:26
12	VSTD010	[illegible]	RHD330	08/12/10	06:32

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :V094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
EC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094R11

M	ICX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	Av_RRF	%_RSD	Av_RT_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2	Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
	5	Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
	6	Bromomethane	------	0.218	0.245	0.276	0.290	0.315	0.315	0.303	0.317	0.320	0.332	0.293	12.53	6.8163
	7	Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
	8	Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.733	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
	9	Trichlorofluoromethane	------	0.187	0.241	0.265	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5	13	Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
	14	1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10	16	Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
	19	Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
	20	Carbon disulfide	------	0.851	1.087	1.136	1.180	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.01	9.8857
5	21	Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9691
	22	tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.296	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
	23	trans-1,2-Dichloroethene	0.463	0.504	0.479	0.512	0.511	0.513	0.540	0.512	0.515	0.519	0.513	0.507	4.05	10.2964
	24	Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
	25	Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
	26	1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.605	0.611	0.618	0.612	0.603	3.81	11.0355
5	27	2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	0.328	0.400	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5	29	2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
	30	2,2-Dichloropropane	0.252	0.259	0.241	0.250	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
	31	cis-1,2-Dichloroethene	0.281	0.309	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
	32	Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.00	12.3103
	33	Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
	35	Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
	36	1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
	39	1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.186	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.184	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
	42	Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
	43	1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
	44	Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
	45	Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.01	14.5942
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20	48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

SL
2/16/10

49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
5 52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
57	trans-1,3-Dichloropropene	0.262	0.288	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7504
5 58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
60	1,3-Dichloropropane	0.283	0.318	0.300	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.246	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.171	0.172	0.175	0.172	0.163	6.95	18.2020
64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2 68	m-Xylene & p-Xylene	1.180	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.006	1.140	4.92	19.4144
70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8105
73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.134	0.104	0.115	0.115	0.108	11.20	20.2196
78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.831	5.481	5.243	------	5.796	5.58	20.2708
79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
82	4-Chlorotoluene	2.659	2.201	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.484	8.61	20.5789
83	tert-Butylbenzene	0.890	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.008	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * N

Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = x0 + x1 * Ant_Ratio

Wk	Parameter	x0	x1	CCF
	Trichlorofluoromethane	-0.01435	0.38831	0.9994
	Naphthalene	-0.02203	0.78641	0.9950
	1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

SG 2/16/10

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T094
IC Beginning Datetime :08/11/10 21:30
SpTkp Amount :10 PPB
CC/CV File :RHD330
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :08/12/10 03:26
HPChem Method :V094H11
Date_Time :08/12/10 06:32

M	IDX	Parameters	CC_CON	CC% D	CC_Resp	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CO_X0	CO_X1	CO_X2	CO_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1557995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	9.853	-1.5	833946	0.535	0.545	5.695	5.690	10.92				
	6	Bromomethane	9.924	-0.8	453177	0.291	0.295	6.806	6.816	12.53				
	7	Chloroethane	9.928	-0.7	478656	0.307	0.309	6.996	7.006	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184831	0.760	0.742	7.069	7.079	8.71				
	9	Trichlorofluoromethane	8.930	-10.7	517905	0.332	0.326	7.581	7.583	22.88	-0.0143	0.3883		0.9994
5	10	sec-Propyl alcohol												
5	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	9.36				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
5	13	Acetone	46.693	-4.0	215476	0.028	0.029	8.546	8.559	9.44				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
5	15	tert-Butyl alcohol	59.547	5.1	104025	0.013	0.013	8.941	8.952	3.87				
10	16	Acetonitrile	90.753	-9.2	209717	0.013	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018860	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	651134	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1996607	1.256	1.196	9.877	9.886	12.01				
6	21	Acrylonitrile	51.248	-14.6	508497	0.333	0.339	9.950	9.960	6.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	473230	0.304	0.301	9.979	9.996	10.46				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.296	4.05				
	24	Isopropyl ether (DIPE)	10.292	2.9	1563757	1.004	0.975	10.739	10.754	4.30				
	25	Vinyl acetate	9.046	-9.5	394491	0.253	0.280	10.959	10.963	10.98				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.035	3.81				
5	27	2-Butanol	46.195	-7.6	37710	0.007	0.008	11.524	11.337	8.04				
	28	Tert-Butyl ethyl ether (ETBE)	10.136	1.3	701031	0.450	0.444	11.441	11.452	13.09				
5	29	2-Butanone	47.932	-4.2	377635	0.048	0.051	11.675	11.684	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.239	11.968	11.977	9.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.34				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.342	1.6	348105	0.223	0.219	12.597	12.599	3.72				
	34	Tetrahydrofuran	9.721	-2.8	34774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	468178	0.301	0.280	12.655	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.322	3.2	294359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1301246	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	250844	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.054	0.3	538053	0.413	0.412	13.401	13.408	5.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.262	13.591	13.601	2.63				
	44	Benzene	10.108	1.1	2003736	1.540	1.523	13.664	13.666	4.51				
	45	Trichloroethene	10.276	2.8	577532	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	14.849	14.859	2.73				
20	48	1,4-Dioxane	202.473	1.2	2474	0.001	0.001	15.199	15.207	12.15				
	49	Bromodichloromethane	10.250	2.5	503955	0.387	0.378	15.229	15.238	4.56				
	50	Dibromomethane	10.233	2.3	165662	0.127	0.124	15.246	15.255	5.86				
	51	2-Chloroethyl vinyl ether	8.144	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
5	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.135	15.594	15.604	4.13				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	3.83				
	54	Toluene-d8	10.462	4.6	1667179	1.281	1.222	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1873053	1.439	1.395	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407639	0.313	0.309	16.749	16.760	4.65				
5	58	2-Hexanone	51.141	2.3	556210	0.082	0.081	16.925	16.929	4.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.027	17.035	5.70				
	60	1,3-Dichloropropane	10.085	0.9	415527	0.319	0.317	17.407	17.412	5.20				
	61	Tetrachloroethene	9.975	-0.2	432440	0.328	0.329	17.583	17.581	4.64				
	62	Dibromochloromethane	10.177	1.8	329403	0.253	0.249	17.905	17.903	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.163	18.197	18.202	6.95				
	64	1-Chlorohexane	10.218	2.2	847230	0.651	0.637	18.256	18.254	6.72				
	65	Chlorobenzene	10.278	2.8	1185292	0.911	0.886	18.738	18.736	4.19				
	66	Ethylbenzene	10.452	4.5	2168234	1.666	1.594	18.753	18.751	8.42				
	67	1,1,1,2-Tetrachloroethane	10.215	2.2	421495	0.324	0.317	18.767	18.764	6.92				
2	68	m-Xylene & p-Xylene	21.526	7.6	3236796	1.244	1.167	18.840	18.848	5.16				
	69	o-Xylene	10.501	5.0	1557550	1.197	1.140	19.211	19.214	4.92				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.996	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059045	4.804	4.602	19.806	19.810	8.41				
	73	Bromoform	10.112	1.1	140495	0.328	0.324	19.937	19.937	2.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.52				
	75	4-Bromofluorobenzene	10.140	1.4	471422	1.100	1.085	20.142	20.138	10.73				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.195	7.95				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41787	0.097	0.108	20.215	20.220	11.30				
	78	n-Propylbenzene	10.523	5.2	2564354	5.983	5.796	20.274	20.271	5.58				
	79	Bromobenzene	9.996	-0.0	434620	1.014	1.014	20.420	20.423	4.33				
	80	1,3,5-Trimethylbenzene	10.526	5.3	1516680	3.538	3.426	20.434	20.442	5.20				
	81	2-Chlorotoluene	11.482	14.8	1745351	4.071	3.946	20.537	20.542	9.52				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.579	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399822	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404316	3.277	3.183	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.636	6.0	2216995	5.173	4.880	21.107	21.113	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1724295	4.186	3.956	21.239	21.249	4.29				
	87	1,3-Dichlorobenzene	10.123	1.2	878641	2.050	1.925	21.458	21.454	5.68				
	88	1,4-Dichlorobenzene	10.042	0.4	812623	1.896	1.888	21.575	21.571	4.15				
	89	n-Butylbenzene	9.996	-0.0	1715246	4.003	4.003	21.721	21.718	6.27				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.492	22.028	22.038	3.32				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	9.97				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	211729	0.494	0.485	24.324	24.326	5.96				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.645	24.649	24.649	17.26	-0.0220	0.7864		0.9950
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.581	25.011	25.015	15.98	-0.0123	0.4413		0.9988

SpTkp Amount * Nominal Amount * M

2027

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID039
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NUS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10H661
BFB Injection Date : 09/03/10
BFB Injection Time : 22:56
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.40
75	30.0 - 60.0% of mass 95	44.53
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.58
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.89
175	5.0 - 9.0% of mass 174	6.01(7.2)1
176	95.0 - 101.0% of mass 174	79.80(96.3)1
177	5.0 - 9.0% of mass 176	4.93(6.2)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1128	RID040	09/03/10	23:32
2	MBLK1W	V0941039	RID045	09/04/10	02:43
3	LCS1W	V0941031	RID041	09/04/10	00:09
4	ICD1W	V0941031	RID042	09/04/10	00:48
5	TB-08/30/10	H661-07	RID046	09/04/10	03:19
6	IW-70-SAB11-P13	H661-01	RID047	09/04/10	03:56
7	IW-70-SAB11-P13-D	H661-02	RID048	09/04/10	04:32
8	IW-70-SAB03-P13	H661-03	RID049	09/04/10	05:08
9	IW-70-SSB119-P13	H661-04	RID050	09/04/10	05:45
10	IW-70-SHB311-P13	H661-06	RID051	09/04/10	06:23
11	IW-70-SHB310-A10	H661-08	RID052	09/04/10	07:02
12	MW-70-PMW07B-A10	H661-10	RID054	09/04/10	00:14
13	IW-70-SHB319-P13MS	H661-05M	RID057	09/04/10	10:03
14	IW-70-SHB319-P13MSD	H661-05S	RID058	09/04/10	10:40

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0320
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10H661
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1220789	14.01	1033790	18.69	396989	22.01
2	MBLK1W	1280586	14.01	1068462	18.69	369814	22.01
3	LCS1W	1254239	14.00	1079598	18.69	417080	22.00
4	LCD1W	1231461	14.00	1028815	18.69	418693	22.01
5	TB-08/30/10	1567606	14.00	1063915	18.70	356062	22.00
6	IW-70-SAB11-P13	1110691	14.01	897152	18.69	362662	22.01
7	IW-70-SAB11-P13-D	1176047	14.01	924347	18.69	380177	22.01
8	IW-70-SAB03-P13	2384627	14.01	1918577	18.69	761671	22.01
9	IW-70-SSB119-P13	1313940	14.01	1088743	18.69	439862	22.01
10	IW-70-SHB311-P13	1170332	14.01	962394	18.69	363907	22.01
11	IW-70-SHB310-A10	929944	14.00	806155	18.69	338435	22.01
12	MW-70-PMW078-A10	1322412	14.00	1102111	18.69	381110	22.01
13	IW-70-SHB319-P13MS	1282690	14.01	1002936	18.69	426617	22.00
14	IW 70 SHB319 P13MSD	1268697	14.01	972784	18.69	427335	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

page 1 of 1

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D
Acq On : 3 Sep 2010 11:32 pm
Sample : CVO94H1128 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	10.000	9.253	7.5	67	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.530	14.7	62	0.02
5	C,T	Vinyl chloride	10.000	8.727	12.7	62	0.02
6	T	Bromomethane	10.000	11.019	-10.2	81	0.00
7	T	Chloroethane	10.000	10.311	-3.1	76	0.00
8	T	Dichlorofluoromethane	10.000	10.774	-7.7	83	0.00
9	T	Trichlorofluoromethane	10.000	10.053	-0.5	80	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	47.177	5.6	72	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.885	-8.8	87	0.00
13	T	Acetone	50.000	57.000	-14.0	97	0.00
14	C,T,M	1,1-Dichloroethene	10.000	9.964	0.4	78	0.00
15	T	tert-Butyl alcohol	50.000	51.520	-3.0	82	0.00
16	T	Acetonitrile	100.000	95.474	4.5	83	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.007	9.9	71	0.00
19	T	Methylene chloride	10.000	9.675	3.2	79	0.02
20	T	Carbon disulfide	10.000	10.162	-1.6	77	0.00
21	T	Acrylonitrile	50.000	54.218	-8.4	85	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.444	-4.4	83	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.013	9.9	71	0.00
24	T	Isopropyl ether (DIPE)	10.000	10.511	-5.1	83	0.00
25	T	Vinyl acetate	10.000	10.025	-0.3	75	0.00
26	P,T	1,1-Dichloroethane	10.000	10.128	-1.3	80	0.00
27	T	2-Butanol	50.000	57.689	-15.4	99	0.02
28	T	tert-Butyl ethyl ether (ETB	10.000	10.343	-3.4	81	0.00
29	T	2-Butanone	50.000	53.113	-6.2	89	0.00
30	T	2,2-Dichloropropane	10.000	7.195	28.0#	56	0.00 NT
31	T	cis-1,2-Dichloroethene	10.000	10.350	-3.5	83	0.00
32	C,T	Chloroform	10.000	10.538	-5.4	84	0.00
33	T	Bromochloromethane	10.000	9.878	1.2	78	0.00
34	T	Tetrahydrofuran	10.000	9.820	1.8	80	0.02
35	S	Dibromofluoromethane	10.000	10.806	-8.1	85	0.00
36	T	1,1,1-Trichloroethane	10.000	9.785	2.1	76	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00
38	T	tert-Amyl methyl ether (TAM	10.000	10.228	-2.3	83	0.00
39	S	1,2-Dichloroethane-d4	10.000	9.305	7.0	73	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	80	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D
Acq On : 3 Sep 2010 11:32 pm
Sample : CVO94H1128 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.451	5.5	78	0.00
42	T	Carbon tetrachloride	10.000	9.431	5.7	77	0.00
43	T	1,2-Dichloroethane	10.000	9.380	6.2	75	0.00
44	T,M	Benzene	10.000	9.399	6.0	77	0.02
45	T,M	Trichloroethene	10.000	9.706	2.9	80	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.842	1.6	80	0.00
48	T	1,4-Dioxane	200.000	244.532	-22.3#	96	0.00 NT
49	T	Bromodichloromethane	10.000	10.151	-1.5	81	0.00
50	T	Dibromomethane	10.000	9.953	0.5	81	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.485	85.2#	14	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	51.192	-2.4	82	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.307	6.9	76	0.00
54	S	Toluene-d8	10.000	8.880	11.2	73	0.00
55	C,T,M	Toluene	10.000	9.386	6.1	77	0.00
56	T	Ethyl methacrylate	10.000	9.779	2.2	79	0.02
57	T	trans-1,3-Dichloropropene	10.000	9.351	6.5	75	0.02
58	T	2-Hexanone	50.000	56.953	-13.9	90	0.00
59	T	1,1,2-Trichloroethane	10.000	10.572	-5.7	86	0.00
60	T	1,3-Dichloropropane	10.000	9.734	2.7	79	0.00
61	T	Tetrachloroethene	10.000	9.112	8.9	76	0.00
62	T	Dibromochloromethane	10.000	10.381	-3.8	83	0.00
63	T	1,2-Dibromoethane	10.000	10.504	-5.0	83	0.00
64	T	1-Chlorohexane	10.000	9.794	2.1	80	0.00
65	P,M	Chlorobenzene	10.000	10.467	-4.7	84	0.00
66	C,T	Ethylbenzene	10.000	10.264	-2.6	82	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	10.406	-4.1	84	0.00
68	T	m-Xylene & p-Xylene	20.000	20.802	-4.0	81	0.00
69	T	o-Xylene	10.000	10.907	-9.1	85	0.02
70	T	Styrene	10.000	11.182	-11.8	88	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	93	0.02
72	T	Isopropylbenzene	10.000	9.855	1.4	91	0.00
73	P,T	Bromoform	10.000	10.105	-1.1	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	10.021	-0.2	94	0.02
75	S	4-Bromofluorobenzene	10.000	9.206	7.9	88	0.00
76	T	1,2,3-Trichloropropane	10.000	9.831	1.7	93	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.934	20.7#	81	0.00 NT
78	T	n-Propylbenzene	10.000	9.580	4.2	89	0.00
79	T	Bromobenzene	10.000	9.882	1.2	95	0.02
80	T	1,3,5-Trimethylbenzene	10.000	9.521	4.8	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D
Acq On : 3 Sep 2010 11:32 pm
Sample : CVO94H1128 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.132	8.7	86	0.00
82	T	4-Chlorotoluene	10.000	9.662	3.4	92	0.00
83	T	tert-Butylbenzene	10.000	9.510	4.9	92	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.477	5.2	88	0.00
85	T	sec-Butylbenzene	10.000	10.138	-1.4	92	0.00
86	T	p-Isopropyltoluene	10.000	9.946	0.5	90	0.00
87	T	1,3-Dichlorobenzene	10.000	9.802	2.0	93	0.00
88	T	1,4-Dichlorobenzene	10.000	9.910	0.9	94	0.00
89	T	n-Butylbenzene	10.000	9.579	4.2	88	0.00
90	T	1,2-Dichlorobenzene	10.000	9.911	0.9	94	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.961	0.4	98	0.02
92	T	1,2,4-Trichlorobenzene	10.000	9.991	0.1	93	0.02
93	T	Hexachlorobutadiene	10.000	11.289	-12.9	107	0.02
94	T	Naphthalene	10.000	8.667	13.3	87	0.02
95	T	1,2,3-Trichlorobenzene	10.000	8.571	14.3	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D
Acq On : 3 Sep 2010 11:32 pm
Sample : CVO94H1128 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	0.292	0.270	7.5	67	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.527	14.7	62	0.02
5	C,T	Vinyl chloride	0.543	0.474	12.7	62	0.02
6	T	Bromomethane	0.293	0.323	-10.2	81	0.00
7	T	Chloroethane	0.309	0.319	-3.2	76	0.00
8	T	Dichlorofluoromethane	0.742	0.800	-7.8	83	0.00
9	T	Trichlorofluoromethane	0.326	0.376	-15.3	80	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.008	11.1	72	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.237	-8.7	87	0.00
13	T	Acetone	0.029	0.034	-17.2	97	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.574	0.3	78	0.00
15	T	tert-Butyl alcohol	0.013	0.013	0.0	82	0.00
16	T	Acetonitrile	0.015	0.014	6.7	83	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.584	9.9	71	0.00
19	T	Methylene chloride	0.430	0.416	3.3	79	0.02
20	T	Carbon disulfide	1.196	1.215	-1.6	77	0.00
21	T	Acrylonitrile	0.039	0.042	-7.7	85	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.314	-4.3	83	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.457	9.9	71	0.00
24	T	Isopropyl ether (DIPE)	0.975	1.025	-5.1	83	0.00
25	T	Vinyl acetate	0.280	0.281	-0.4	75	0.00
26	P,T	1,1-Dichloroethane	0.603	0.611	-1.3	80	0.00
27	T	2-Butanol	0.008	0.009	-12.5	99	0.02
28	T	tert-Butyl ethyl ether (ETB	0.444	0.460	-3.6	81	0.00
29	T	2-Butanone	0.051	0.054	-5.9	89	0.00
30	T	2,2-Dichloropropane	0.239	0.172	28.0#	56	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.326	-3.5	83	0.00
32	C,T	Chloroform	0.486	0.512	-5.3	84	0.00
33	T	Bromochloromethane	0.219	0.216	1.4	78	0.00
34	T	Tetrahydrofuran	0.026	0.026	0.0	80	0.02
35	S	Dibromofluoromethane	0.289	0.312	-8.0	85	0.00
36	T	1,1,1-Trichloroethane	0.333	0.326	2.1	76	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.059	-1.7	83	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.170	7.1	73	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	80	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D Vial: 2
Acq On : 3 Sep 2010 11:32 pm Operator: AS
Sample : CVO94H1128 10ppb Inst : TO94
Misc : 10ppb8260/50ppbKET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.168	5.1	78	0.00
42	T	Carbon tetrachloride	0.412	0.389	5.6	77	0.00
43	T	1,2-Dichloroethane	0.262	0.246	6.1	75	0.00
44	T,M	Benzene	1.523	1.432	6.0	77	0.02
45	T,M	Trichloroethene	0.432	0.419	3.0	80	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.351	1.7	80	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	96	0.00
49	T	Bromodichloromethane	0.378	0.384	-1.6	81	0.00
50	T	Dibromomethane	0.124	0.124	0.0	81	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.008	84.9#	14#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.138	-2.2	82	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.435	7.1	76	0.00
54	S	Toluene-d8	1.225	1.087	11.3	73	0.00
55	C,T,M	Toluene	1.395	1.310	6.1	77	0.00
56	T	Ethyl methacrylate	0.203	0.199	2.0	79	0.02
57	T	trans-1,3-Dichloropropene	0.309	0.289	6.5	75	0.02
58	T	2-Hexanone	0.081	0.092	-13.6	90	0.00
59	T	1,1,2-Trichloroethane	0.153	0.162	-5.9	86	0.00
60	T	1,3-Dichloropropane	0.317	0.308	2.8	79	0.00
61	T	Tetrachloroethene	0.329	0.299	9.1	76	0.00
62	T	Dibromochloromethane	0.249	0.258	-3.6	83	0.00
63	T	1,2-Dibromoethane	0.163	0.172	-5.5	83	0.00
64	T	1-Chlorohexane	0.637	0.624	2.0	80	0.00
65	P,M	Chlorobenzene	0.886	0.928	-4.7	84	0.00
66	C,T	Ethylbenzene	1.594	1.636	-2.6	82	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.330	-4.1	84	0.00
68	T	m-Xylene & p-Xylene	1.167	1.213	-3.9	81	0.00
69	T	o-Xylene	1.140	1.243	-9.0	85	0.02
70	T	Styrene	0.847	0.947	-11.8	88	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	93	0.02
72	T	Isopropylbenzene	4.602	4.535	1.5	91	0.00
73	P,T	Bromoform	0.324	0.328	-1.2	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.504	-0.2	94	0.02
75	S	4-Bromofluorobenzene	1.085	0.999	7.9	88	0.00
76	T	1,2,3-Trichloropropane	0.113	0.111	1.8	93	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.086	20.4#	81	0.00
78	T	n-Propylbenzene	5.796	5.552	4.2	89	0.00
79	T	Bromobenzene	1.014	1.002	1.2	95	0.02
80	T	1,3,5-Trimethylbenzene	3.426	3.262	4.8	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I03\RID040.D
Acq On : 3 Sep 2010 11:32 pm
Sample : CVO94H1128 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.238	8.7	86	0.00
82	T	4-Chlorotoluene	2.404	2.323	3.4	92	0.00
83	T	tert-Butylbenzene	0.936	0.890	4.9	92	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.017	5.2	88	0.00
85	T	sec-Butylbenzene	4.880	4.947	-1.4	92	0.00
86	T	p-Isopropyltoluene	3.956	3.934	0.6	90	0.00
87	T	1,3-Dichlorobenzene	2.025	1.985	2.0	93	0.00
88	T	1,4-Dichlorobenzene	1.888	1.871	0.9	94	0.00
89	T	n-Butylbenzene	4.003	3.835	4.2	88	0.00
90	T	1,2-Dichlorobenzene	1.492	1.478	0.9	94	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.066	0.0	98	0.02
92	T	1,2,4-Trichlorobenzene	0.605	0.604	0.2	93	0.02
93	T	Hexachlorobutadiene	0.485	0.547	-12.8	107	0.02
94	T	Naphthalene	0.645	0.660	-2.3	87	0.02
95	T	1,2,3-Trichlorobenzene	0.381	0.366	3.9	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RI0108
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1DH661
BFB Injection Date : 09/08/10
BFB Injection Time : 15:07
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.17
75	30.0 - 60.0% of mass 95	42.92
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.47
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.64
175	5.0 - 9.0% of mass 174	6.24(7.5)1
176	95.0 - 101.0% of mass 174	79.63(96.4)1
177	5.0 - 9.0% of mass 176	4.82(6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1131	RID110	09/08/10	16:23
2	MBLK2W	V094I06R	RID116	09/08/10	20:05
3	LCS2W	V094I06L	RID111	09/08/10	17:00
4	LCD2W	V094I06C	RID112	09/08/10	17:37
5	MW-70-PMW07B-A10DL	H661-10T	RID118	09/08/10	21:18
6	IW-70-SHB310-A10DL	H661-0MT	RID119	09/08/10	21:54
7	MW-70-PMW07A-A10	H661-09R	RID124	09/09/10	00:58
8	IW-70-SHB319-P13	H661-05R	RID125	09/09/10	01:35

FORM V VOA OLM02.0

BA

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0320
Instrument ID: 1024
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10H661
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1260825	14.00	999526	18.68	358457	22.00
2	MBLK2W	1296008	14.00	1068582	18.69	354451	22.00
3	LCS2W	1279744	14.01	998553	18.69	391609	22.01
4	LCD2W	1340949	14.01	1046619	18.69	401599	22.01
5	MW-70-PMW07B-A10DL	1261139	14.01	1007527	18.69	332867	22.01
6	IW-70-SHB310-A10DL	1241576	14.00	1002344	18.70	330511	22.00
7	MW-70-PMW07A-A10	1290195	14.01	1040178	18.69	395335	22.01
8	IW-70-SHB319-P13	1244775	14.00	1018664	18.70	352828	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	10.000	9.351	6.5	70	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.610	13.9	64	0.00
5	C,T	Vinyl chloride	10.000	9.672	3.3	71	0.00
6	T	Bromomethane	10.000	8.794	12.1	67	0.00
7	T	Chloroethane	10.000	9.359	6.4	71	0.00
8	T	Dichlorofluoromethane	10.000	10.685	-6.9	85	0.00
9	T	Trichlorofluoromethane	10.000	10.629	-6.3	88	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	43.799	12.4	69	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	12.100	-21.0#	100	0.00
13	T	Acetone	50.000	47.113	5.8	83	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.940	-9.4	89	0.00
15	T	tert-Butyl alcohol	50.000	24.436	51.1#	40	0.00 NT
16	T	Acetonitrile	100.000	78.164	21.8#	70	0.00 NT
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.857	1.4	81	0.00
19	T	Methylene chloride	10.000	9.678	3.2	82	0.02
20	T	Carbon disulfide	10.000	8.221	17.8	65	0.00
21	T	Acrylonitrile	50.000	46.947	6.1	76	0.00
22	T	tert-Butyl methyl ether (MT	10.000	11.522	-15.2	95	0.00
23	T	trans-1,2-Dichloroethene	10.000	10.177	-1.8	82	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.989	0.1	81	0.00
25	T	Vinyl acetate	10.000	10.959	-9.6	85	0.00
26	P,T	1,1-Dichloroethane	10.000	10.011	-0.1	82	0.00
27	T	2-Butanol	50.000	48.398	3.2	86	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	12.845	-28.5#	104	0.00 NT
29	T	2-Butanone	50.000	43.607	12.8	76	0.00
30	T	2,2-Dichloropropane	10.000	10.778	-7.8	87	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.414	-4.1	86	0.00
32	C,T	Chloroform	10.000	10.275	-2.8	84	0.00
33	T	Bromochloromethane	10.000	9.531	4.7	78	0.00
34	T	Tetrahydrofuran	10.000	9.197	8.0	77	0.00
35	S	Dibromofluoromethane	10.000	9.766	2.3	79	0.00
36	T	1,1,1-Trichloroethane	10.000	9.841	1.6	79	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00
38	T	tert-Amyl methyl ether (TAM	10.000	13.539	-35.4#	113	0.00 NT
39	S	1,2-Dichloroethane-d4	10.000	8.529	14.7	69	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	77	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CV094H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.590	-15.9	92	0.00
42	T	Carbon tetrachloride	10.000	9.435	5.6	74	0.00
43	T	1,2-Dichloroethane	10.000	9.527	4.7	74	0.00
44	T,M	Benzene	10.000	10.581	-5.8	84	0.00
45	T,M	Trichloroethene	10.000	11.014	-10.1	88	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.953	0.5	78	0.00
48	T	1,4-Dioxane	200.000	197.368	1.3	75	0.00
49	T	Bromodichloromethane	10.000	9.805	2.0	76	0.00
50	T	Dibromomethane	10.000	10.166	-1.7	80	0.00
51	T	2-Chloroethyl vinyl ether	10.000	6.668	33.3#	61	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	47.762	4.5	74	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.709	2.9	77	0.00
54	S	Toluene-d8	10.000	9.885	1.2	78	0.00
55	C,T,M	Toluene	10.000	10.477	-4.8	83	0.00
56	T	Ethyl methacrylate	10.000	9.480	5.2	74	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.569	4.3	74	0.00
58	T	2-Hexanone	50.000	49.665	0.7	76	0.00
59	T	1,1,2-Trichloroethane	10.000	9.924	0.8	78	0.00
60	T	1,3-Dichloropropane	10.000	9.543	4.6	75	0.00
61	T	Tetrachloroethene	10.000	11.051	-10.5	89	0.00
62	T	Dibromochloromethane	10.000	9.535	4.6	74	0.00
63	T	1,2-Dibromoethane	10.000	10.129	-1.3	78	0.00
64	T	1-Chlorohexane	10.000	11.427	-14.3	90	0.00
65	P,M	Chlorobenzene	10.000	10.439	-4.4	81	0.00
66	C,T	Ethylbenzene	10.000	10.505	-5.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.619	3.8	75	0.00
68	T	m-Xylene & p-Xylene	20.000	21.770	-8.8	82	0.00
69	T	o-Xylene	10.000	10.809	-8.1	81	0.00
70	T	Styrene	10.000	11.262	-12.6	86	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	84	0.00
72	T	Isopropylbenzene	10.000	10.578	-5.8	88	0.00
73	P,T	Bromoform	10.000	9.807	1.9	83	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.707	2.9	82	0.00
75	S	4-Bromofluorobenzene	10.000	9.355	6.4	81	0.00
76	T	1,2,3-Trichloropropane	10.000	9.675	3.2	82	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	8.136	18.6	75	0.00
78	T	n-Propylbenzene	10.000	10.612	-6.1	89	0.00
79	T	Bromobenzene	10.000	10.372	-3.7	90	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.362	-3.6	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.880	-8.8	93	0.00
82	T	4-Chlorotoluene	10.000	8.724	12.8	75	0.00
83	T	tert-Butylbenzene	10.000	10.340	-3.4	90	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.301	-3.0	87	0.00
85	T	sec-Butylbenzene	10.000	11.082	-10.8	90	0.00
86	T	p-Isopropyltoluene	10.000	11.013	-10.1	90	0.00
87	T	1,3-Dichlorobenzene	10.000	10.332	-3.3	89	0.00
88	T	1,4-Dichlorobenzene	10.000	10.376	-3.8	89	0.00
89	T	n-Butylbenzene	10.000	11.115	-11.2	92	0.00
90	T	1,2-Dichlorobenzene	10.000	10.039	-0.4	86	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.799	2.0	87	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.510	-5.1	88	0.00
93	T	Hexachlorobutadiene	10.000	11.868	-18.7	101	0.00
94	T	Naphthalene	10.000	9.339	6.6	84	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.158	8.4	83	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	0.292	0.273	6.5	70	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.532	13.9	64	0.00
5	C,T	Vinyl chloride	0.543	0.525	3.3	71	0.00
6	T	Bromomethane	0.293	0.258	11.9	67	0.00
7	T	Chloroethane	0.309	0.290	6.1	71	0.00
8	T	Dichlorofluoromethane	0.742	0.793	-6.9	85	0.00
9	T	Trichlorofluoromethane	0.326	0.398	-22.1#	88	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.008	11.1	69	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.263	-20.6#	100	0.00
13	T	Acetone	0.029	0.028	3.4	83	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.631	-9.5	89	0.00
15	T	tert-Butyl alcohol	0.013	0.006	53.8#	40#	0.00
16	T	Acetonitrile	0.015	0.012	20.0	70	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.639	1.4	81	0.00
19	T	Methylene chloride	0.430	0.417	3.0	82	0.02
20	T	Carbon disulfide	1.196	0.983	17.8	65	0.00
21	T	Acrylonitrile	0.039	0.036	7.7	76	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.346	-15.0	95	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.516	-1.8	82	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.974	0.1	81	0.00
25	T	Vinyl acetate	0.280	0.307	-9.6	85	0.00
26	P,T	1,1-Dichloroethane	0.603	0.604	-0.2	82	0.00
27	T	2-Butanol	0.008	0.008	0.0	86	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.571	-28.6#	104	0.00
29	T	2-Butanone	0.051	0.044	13.7	76	0.00
30	T	2,2-Dichloropropane	0.239	0.258	-7.9	87	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.328	-4.1	86	0.00
32	C,T	Chloroform	0.486	0.499	-2.7	84	0.00
33	T	Bromochloromethane	0.219	0.209	4.6	78	0.00
34	T	Tetrahydrofuran	0.026	0.024	7.7	77	0.00
35	S	Dibromofluoromethane	0.289	0.282	2.4	79	0.00
36	T	1,1,1-Trichloroethane	0.333	0.328	1.5	79	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.079	-36.2#	113	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.156	14.8	69	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	77	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.206	-16.4	92	0.00
42	T	Carbon tetrachloride	0.412	0.389	5.6	74	0.00
43	T	1,2-Dichloroethane	0.262	0.250	4.6	74	0.00
44	T,M	Benzene	1.523	1.612	-5.8	84	0.00
45	T,M	Trichloroethene	0.432	0.476	-10.2	88	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.355	0.6	78	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	75	0.00
49	T	Bromodichloromethane	0.378	0.370	2.1	76	0.00
50	T	Dibromomethane	0.124	0.126	-1.6	80	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.035	34.0#	61	0.00
52	T	4-Methyl-2-pentanone	0.135	0.129	4.4	74	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.454	3.0	77	0.00
54	S	Toluene-d8	1.225	1.211	1.1	78	0.00
55	C,T,M	Toluene	1.395	1.462	-4.8	83	0.00
56	T	Ethyl methacrylate	0.203	0.193	4.9	74	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.295	4.5	74	0.00
58	T	2-Hexanone	0.081	0.080	1.2	76	0.00
59	T	1,1,2-Trichloroethane	0.153	0.152	0.7	78	0.00
60	T	1,3-Dichloropropane	0.317	0.302	4.7	75	0.00
61	T	Tetrachloroethene	0.329	0.363	-10.3	89	0.00
62	T	Dibromochloromethane	0.249	0.237	4.8	74	0.00
63	T	1,2-Dibromoethane	0.163	0.165	-1.2	78	0.00
64	T	1-Chlorohexane	0.637	0.728	-14.3	90	0.00
65	P,M	Chlorobenzene	0.886	0.925	-4.4	81	0.00
66	C,T	Ethylbenzene	1.594	1.675	-5.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.305	3.8	75	0.00
68	T	m-Xylene & p-Xylene	1.167	1.270	-8.8	82	0.00
69	T	o-Xylene	1.140	1.232	-8.1	81	0.00
70	T	Styrene	0.847	0.954	-12.6	86	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	84	0.00
72	T	Isopropylbenzene	4.602	4.868	-5.8	88	0.00
73	P,T	Bromoform	0.324	0.318	1.9	83	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.488	3.0	82	0.00
75	S	4-Bromofluorobenzene	1.085	1.015	6.5	81	0.00
76	T	1,2,3-Trichloropropane	0.113	0.109	3.5	82	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.088	18.5	75	0.00
78	T	n-Propylbenzene	5.796	6.151	-6.1	89	0.00
79	T	Bromobenzene	1.014	1.052	-3.7	90	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.551	-3.6	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.858	-8.8	93	0.00
82	T	4-Chlorotoluene	2.404	2.097	12.8	75	0.00
83	T	tert-Butylbenzene	0.936	0.967	-3.3	90	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.279	-3.0	87	0.00
85	T	sec-Butylbenzene	4.880	5.408	-10.8	90	0.00
86	T	p-Isopropyltoluene	3.956	4.356	-10.1	90	0.00
87	T	1,3-Dichlorobenzene	2.025	2.092	-3.3	89	0.00
88	T	1,4-Dichlorobenzene	1.888	1.959	-3.8	89	0.00
89	T	n-Butylbenzene	4.003	4.450	-11.2	92	0.00
90	T	1,2-Dichlorobenzene	1.492	1.498	-0.4	86	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.064	3.0	87	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.635	-5.0	88	0.00
93	T	Hexachlorobutadiene	0.485	0.575	-18.6	101	0.00
94	T	Naphthalene	0.645	0.712	-10.4	84	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.392	-2.9	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
RID110.D VO94H11.M Wed Sep 08 16:53:50 2010

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH VOA94H1040

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Dechl	Matrix S	Notes
01	BH0314	BF0994H46	2µl					TCHECK
02	315	VO94H11Ø1						
03	316	Ø2						
04	317	Ø3						5 / 25 / 1Ø
05	318	Ø4						1 / 5 / 1Ø
06	319	Ø5						2 / 1Ø / 1Ø
07	32Ø	Ø6						5 / 25 / 1Ø
08	321	Ø7						1Ø / 5Ø / 2Ø
09	322	Ø8						2Ø / 1ØØ / 1ØØ
10	323	Ø9						4Ø / 2ØØ / 8Ø
11	324	1Ø						4Ø / 2ØØ / 8Ø
12	325	11						5Ø / 25Ø / 1ØØ
13	326	Rinse	25ml	1Ø				1ØØ / 5ØØ / 2ØØ
14	327							
15	328	VO94H1ØB						
16	329	IVO94H11Ø1	5ml/25					1Ø / 5Ø / 2Ø
17	33Ø	Ø2						
18	331	Rinse	25ml	1Ø				
19	332							
20								
21								
22								
23								
24								
25								AS 8-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	VO94H11

STANDARDS

NAME	ID	CONC (ug/L)
DCC 8260	SV1-16-22-2	5Ø/25Ø
DCC 524.2	-25-	25Ø
DCC 624	-21-	25Ø
DCC 2-Butanol	-1Ø-	25Ø
	-19-	25Ø
BFB	SV1-15-97-1	5Ø
IS/SURR.	SV1-16-28-2	25Ø
	-18-3	
LCS 8260	-23-2	5Ø/25Ø
LCS 524.2	-16-2	25Ø
LCS 624 2-Butanol	SV1-12-38Ø	25Ø

SOLVENT	ID
METHANOL	
DATA FILE	1ØH11

Electronic Data Archival

Location	Date
HPCHEM_VOA/TD94	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

2Ø116

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-8-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H112-8

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Other	Matrix S	Notes
01	RI0039	BF094I03-	3µl					TCCHECK 22:56
02	040	CV094H1128-	5ml/1µl					
03	041	V094I03L-	5ml/1µl					
04	042	C-						
05	043	rinse	25ml/1.0					
06	044	V094I038						MB
07	045	Q						MB
08	046	10H1061-07			6.6	6.5		TD
09	047	-01			/	/		
10	048	-02			/	/		
11	049	-03			/	/		
12	050	-04			/	/		
13	051	-06			/	/		
14	052	-08			/	/		R/R@1.00
15	053	-09			/	/		R/RX1, caution high MTD, check Sulphur check
16	054	-10			/	/		R/RX1.64
17	055	rinse				NA		
18	056	10H1061-05			/	/		R/RX1
19	057	-05MS			/	/		MS
20	058	-05SD			/	/		MSD 10:40
21	059	rinse						
22	060	b						
23								
24								
25								AS 9-6-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-16-10
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC (ng/l)
DCC 8260	SV1-16 -22-2	
DCC Ref-Air gases	-26-2 -26-2	
DCC 8270 2-Butanol	-26-3 -19-1	
BFB	-26-2	50/50 100/250
IS/SURR	-33-2	
LCS 8260	-23-2	
LCS Ketone	-35-1	
LCS 8270 2-Butanol	SV1-17-3816 -29-1	

SOLVENT	ID
METHANOL	
DATA FILE	10I03

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOM 8260 & 8260	9/6/10

Comments:

Analyzed By: AS

Date Disposed: 9-6-10

Disposed By: AS

2209 17

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ Book # A94 -031

Start Date: 9-8-10 ☐ 5-ml Purge ☒ 25-ml Purge

BATCH CV094H1121

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RD008	BFB94I06	2 µL					BLANK 1500
02	109	STD IES						
03	110	CV094H131						
04	111	VS94I06L						
05	112	C						
06	113	Std Test 2						
07	114	Rinse	25mL	1.0				
08	115	VD94I06B						
09	116	D						
10	117	10I0075-03						
11	118	10H661-10T	25mL	1.06				
12	119	08T						
13	120	10H652-14T	25mL	1.0				
14	121	10T						
15	122	16R	25mL	1.0				
16	123	11R						
17	124	10H661-1R						
18	125	05R						
19	126	10I0075-01						R/E 125
20	127	02						R/E X1+W/S 0249
21	128-132	Rinses						
22								
23								
24								AS 9/9/10
25								

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-16-10
ICAL ID	VD94H11

STANDARDS NAME	ID	CONC. (ng/ml)
DCC 8260	911-16-22-2	
DCC Ketones	-39-2	
DCC Test 2-Butanol	-29-2	
	-19-1	
BFB	-26-2	
IS/SURR	-33-2	
LCS 8260	-23-2	
LCS Ketones	-35-1	
LCS 2-Butanol	911-12-300 -20-1	

SOLVENT	ID
METHANOL	
DATA FILE	0508

Electronic Data Archived

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9/9/10

Disposed By: AS

204 43

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10H661

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD RSK-175
DISSOLVED GASES

A total of nine (9) water samples were received on 08/31/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA at R.S. Kerr Environmental Research Laboratory, Ada, OK 74820 March 15, 1989.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for DG1003WL/C were all within QC limits.
Percent recoveries for DG1004WL/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries were within project QC limits except for results qualified with [*] in H661-03 M/S summary form, most likely due to matrix interference. Check QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 10H661
Instrument ID : GC1010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DG1003WB	1	NA	09/03/1010:58	09/03/1009:30	F103003A	F103002A	DG1003W	Method Blank
LCS1W	DG1003WL	1	NA	09/03/1011:11	09/03/1009:30	F103004A	F103002A	DG1003W	Lab Control Sample (LCS)
LCD1W	DG1003WC	1	NA	09/03/1011:25	09/03/1009:30	F103005A	F103002A	DG1003W	LCS Duplicate
MBLK2W	DG1004WB	1	NA	09/08/1011:25	09/08/1010:00	F108003A	F108002A	DG1004W	Method Blank
LCS2W	DG1004WL	1	NA	09/08/1011:40	09/08/1010:00	F108004A	F108002A	DG1004W	Lab Control Sample (LCS)
LCD2W	DG1004WC	1	NA	09/08/1011:58	09/08/1010:00	F108005A	F108002A	DG1004W	LCS Duplicate
IW-70-SAB11-P13	H661-01	1	NA	09/03/1011:43	09/03/1009:30	F103005A	F103002A	DG1003W	Field Sample
IW-70-SAB11-P13DL	H661-01T	1000	NA	09/03/1014:40	09/03/1009:30	F103014A	F103013A	DG1003W	Diluted Sample
IW-70-SAB11-P13-D	H661-02	1	NA	09/03/1012:28	09/03/1009:30	F103007A	F103002A	DG1003W	Field Sample
IW-70-SAB11-P13-DDL	H661-02T	1000	NA	09/03/1014:54	09/03/1009:30	F103015A	F103013A	DG1003W	Diluted Sample
IW-70-SAB03-P13	H661-03	1	NA	09/03/1012:42	09/03/1009:30	F103006A	F103002A	DG1003W	Field Sample
IW-70-SAB03-P13DL	H661-03T	1000	NA	09/03/1015:13	09/03/1009:30	F103016A	F103013A	DG1003W	Diluted Sample
IW-70-SSB119-P13	H661-04	1	NA	09/03/1012:55	09/03/1009:30	F103009A	F103002A	DG1003W	Field Sample
IW-70-SSB119-P13DL	H661-04T	1000	NA	09/03/1015:28	09/03/1009:30	F103017A	F103013A	DG1003W	Diluted Sample
IW-70-SHB319-P13	H661-05	1	NA	09/03/1013:14	09/03/1009:30	F103010A	F103002A	DG1003W	Field Sample
IW-70-SHB319-P13DL	H661-05T	1000	NA	09/03/1015:43	09/03/1009:30	F103018A	F103013A	DG1003W	Diluted Sample
IW-70-SHB311-P13	H661-06	1	NA	09/03/1015:59	09/03/1009:30	F103019A	F103013A	DG1003W	Field Sample
IW-70-SHB311-P13DL	H661-06T	1000	NA	09/03/1016:37	09/03/1009:30	F103021A	F103013A	DG1003W	Diluted Sample
IW-70-SHB310-A10	H661-08	1	NA	09/03/1016:15	09/03/1009:30	F103020A	F103013A	DG1003W	Field Sample
IW-70-SHB310-A10DL	H661-08T	400	NA	09/03/1017:19	09/03/1009:30	F103023A	F103013A	DG1003W	Diluted Sample
MW-70-PMW07A-A10	H661-09	1	NA	09/08/1012:14	09/08/1010:00	F108006A	F108002A	DG1004W	Field Sample
MW-70-PMW07A-A10DL	H661-09T	400	NA	09/08/1012:46	09/08/1010:00	F108008A	F108002A	DG1004W	Diluted Sample
MW-70-PMW07B-A10	H661-10	1	NA	09/08/1012:29	09/08/1010:00	F108007A	F108002A	DG1004W	Field Sample
MW-70-PMW07B-A10DL	H661-10T	100	NA	09/08/1012:59	09/08/1010:00	F108009A	F108002A	DG1004W	Diluted Sample
IW-70-SHB319-P13MS	H661-05M	1	NA	09/03/1013:31	09/03/1009:30	F103011A	F103002A	DG1003W	Matrix Spike Sample (MS)
IW-70-SHB319-P13MSD	H661-05S	1	NA	09/03/1014:11	09/03/1009:30	F103012A	F103002A	DG1003W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEG, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SA811-P13	Date Analyzed:	09/03/10 11:43
Lab Samp ID:	H661-01	Dilution Factor:	1
Lab File ID:	FI03006A	Matrix :	WATER
Ext Batch ID:	DGI003W	% Moisture :	NA
Calib. Ref.:	FI03002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	5.0	2.0	0.60
METHANE	5206	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEG, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:50
Sample ID:	1W-70-SAB11 P15DL	Date Analyzed:	09/03/10 14:40
Lab Samp ID:	H661-01T	Dilution Factor:	1000
Lab File ID:	F103014A	Matrix	: WATER
Ext Btch ID:	DG1003W	% Moisture	: NA
Calib. Ref.:	F105015A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	22000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 08/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 08/31/10
Batch No. : 10H661	Date Extracted: 09/03/10 09:30
Sample ID: IW-70-SA811-P15-D	Date Analyzed: 09/03/10 12:28
Lab Samp ID: H661-02	Dilution Factor: 1
Lab File ID: F103007A	Matrix : WATER
Ext Btch ID: DG1003W	% Moisture : NA
Calib. Ref.: F103002A	Instrument ID : GLT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	510E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SA811-P13-ODL	Date Analyzed:	09/03/10 14:54
Lab Samp ID:	H661-02T	Dilution Factor:	1000
Lab File ID:	F103015A	Matrix :	WATER
Ext Btch ID:	DG1003W	% Moisture :	NA
Calib. Ref.:	F103013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	18000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 08/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 08/31/10
Batch No. : 10H661	Date Extracted: 09/03/10 09:30
Sample ID: IW-70-5AB03-P13	Date Analyzed: 09/03/10 12:42
Lab Samp ID: H661-03	Dilution Factor: 1
Lab File ID: F10300BA	Matrix : WATER
Ext Btch ID: DG1003W	% Moisture : NA
Calib. Ref.: F103002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	4.5	2.0	0.60
METHANE	520E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SA003-P130L	Date Analyzed:	09/03/10 15:13
Lab Samp ID:	H661-03T	Dilution Factor:	1000
Lab File ID:	F103016A	Matrix :	WATER
Ext Btch ID:	DG1003W	% Moisture :	NA
Calib. Ref.:	F103013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	14000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 08/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 08/31/10
Batch No. : 1DH661	Date Extracted: 09/03/10 09:30
Sample ID: IW 70-SSB119-P13	Date Analyzed: 09/03/10 12:55
Lab Samp ID: H661-04	Dilution Factor: 1
Lab File ID: F103009A	Matrix : WATER
Ext Btch ID: DG1003W	% Moisture : NA
Calib. Ref.: F105002A	Instrument ID : GCTO10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	5.1	2.0	0.60
ETHENE	9.0	2.0	0.60
METHANE	620E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 1DH661	Date Extracted:	09/03/10 09:30
Sample ID:	1W-70-SSB119-P130L	Date Analyzed:	09/03/10 15:28
Lab Samp ID:	H661-04T	Dilution Factor:	1000
Lab File ID:	F103017A	Matrix :	WATER
Ext Batch ID:	DG1003W	% Moisture :	NA
Calib. Ref.:	F103013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	25000	2000	600

METHOD RSK 175
DISSOLVED GASES

Client : INSIGHT ECC, INC.	Date Collected: 08/31/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 08/31/10
Batch No. : 10H661	Date Extracted: 09/03/10 09:30
Sample ID: IW-70-SHB319-P13	Date Analyzed: 09/03/10 13:14
Lab Samp ID: H661-05	Dilution Factor: 1
Lab File ID: F103010A	Matrix : WATER
Ext Btch ID: DGI003W	% Moisture : NA
Calib. Ref.: F103002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.92J	2.0	0.60
METHANE	590E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10H661
Sample ID: IW-70-SHB319-P1301
Lab Samp ID: H661-05T
Lab File ID: F103018A
Ext Btch ID: DG10035W
Calib. Ref.: F103013A

Date Collected: 08/31/10
Date Received: 08/31/10
Date Extracted: 09/03/10 09:30
Date Analyzed: 09/03/10 15:43
Dilution Factor: 1000
Matrix : WATER
% Moisture : NA
Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 08/31/10
Project : NWS SEAL BEACH, IR SITE 70,	Date Received: 08/31/10
Batch No. : 10H661	Date Extracted: 09/03/10 09:30
Sample ID: IW-70-SHB311-P13	Date Analyzed: 09/03/10 15:59
Lab Samp ID: H661-06	Dilution Factor: 1
Lab File ID: F103019A	Matrix : WATER
Ext Btch ID: DG10003W	% Moisture : NA
Calib. Ref.: F103013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.70J	2.0	0.60
METHANE	570E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SHB311-P130L	Date Analyzed:	09/03/10 16:37
Lab Samp ID:	H661-06T	Dilution Factor:	1000
Lab File ID:	F103021A	Matrix :	WATER
Ext Btch ID:	DG1003W	% Moisture :	NA
Calib. Ref.:	F103013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	27000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SH8310-A10	Date Analyzed:	09/03/10 16:15
Lab Samp ID:	H661-08	Dilution Factor:	1
Lab File ID:	F103020A	Matrix	: WATER
Ext Btch ID:	DG1003W	% Moisture	: NA
Calib. Ref.:	F103013A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.7J	2.0	0.60
ETHENE	2.7	2.0	0.60
METHANE	360E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10N661	Date Extracted:	09/03/10 09:30
Sample ID:	IW-70-SHR310-A100L	Date Analyzed:	09/03/10 17:19
Lab Samp ID:	K661-08T	Dilution Factor:	400
Lab File ID:	F103023A	Matrix :	WATER
Ext Btch ID:	DG1003W	% Moisture :	NA
Calib. Ref.:	F103013A	Instrument ID :	GC70

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	8500	800	240

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/08/10 10:00
Sample ID:	MW-70-PMW07A-A10	Date Analyzed:	09/08/10 12:14
Lab Samp ID:	H661-09	Dilution Factor:	1
Lab File ID:	F108006A	Matrix	: WATER
Ext Btch ID:	DGI004W	% Moisture	: NA
Calib. Ref.:	F108007A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	350E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 108661	Date Extracted:	09/08/10 10:00
Sample ID:	MW-70-PMW07A-A100L	Date Analyzed:	09/08/10 12:46
Lab Samp ID:	H661-09T	Dilution Factor:	400
Lab File ID:	F108008A	Matrix	: WATER
Ext Bch ID:	DG1004W	% Moisture	: NA
Calib. Ref.:	F108002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	4800	800	240

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	08/31/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	08/31/10
Batch No.	: 10H661	Date Extracted:	09/08/10 10:00
Sample ID:	MW-70-PMW07B-A10	Date Analyzed:	09/08/10 12:29
Lab Samp ID:	H661-10	Dilution Factor:	1
Lab File ID:	F108007A	Matrix	: WATER
Ext Btch ID:	DG1004W	% Moisture	: NA
Calib. Ref.:	F108002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	190E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 08/31/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 08/31/10
Batch No. : 10H661	Date Extracted: 09/08/10 10:00
Sample ID: MW-70-PMW07B-A100L	Date Analyzed: 09/08/10 12:59
Lab Samp ID: H661-10T	Dilution Factor: 100
Lab File ID: F108009A	Matrix : WATER
Ext Btch ID: DG1004W	% Moisture : NA
Calib. Ref.: F108002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	200	60
ETHENE	ND	200	60
METHANE	680	200	60

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/03/10
Batch No. : 100661	Date Extracted: 09/03/10 09:30
Sample ID: MBLK1W	Date Analyzed: 09/03/10 10:58
Lab Samp ID: DG1003WB	Dilution Factor: 1
Lab File ID: F103003A	Matrix : WATER
Ext Btch ID: DG1003W	% Moisture : NA
Calib. Ref.: F103002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD RSK 175

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: DGI003WB DGI003WL DGI003WC
LAB FILE ID: FI03003A FI05004A FI05005A
DATE EXTRACTED: 09/03/1009:30 09/03/1009:30 09/03/1009:30 DATE COLLECTED: NA
DATE ANALYZED: 09/03/1010:58 09/03/1011:11 09/03/1011:25 DATE RECEIVED: 09/05/10
PREP. BATCH: DGI003W DGI003W DGI003W
CALIB. REF: FI03002A FI05002A FI03002A

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	23.5	92	25.4	22.8	90	3	70-140	30
Ethene	ND	23.7	22.1	93	25.7	21.2	89	4	70-140	30
Methane	ND	13.6	11.8	87	13.6	11.4	83	4	70-130	30

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101661	Date Extracted:	09/08/10 10:00
Sample ID:	MBLK2W	Date Analyzed:	09/08/10 11:25
Lab Samp ID:	DG1004WB	Dilution Factor:	1
Lab File ID:	F108003A	Matrix :	WATER
Ext Btch ID:	DG1004W	% Moisture :	NA
Calib. Ref.:	F108002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKPW				
LAB SAMP ID:	DG1004WB	DG1004WL	DG1004WC		
LAB FILE ID:	F108003A	F108004A	F108005A		
DATE EXTRACTED:	09/08/1010:00	09/08/1010:00	09/08/1010:00	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1011:25	09/08/1011:40	09/08/1011:58	DATE RECEIVED:	09/08/10
PREP. BATCH:	DG1004W	DG1004W	DG1004W		
CALIB. REF:	F108002A	F108002A	F108002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	26.1	103	25.4	24.1	95	8	70-140	30
Ethene	ND	23.7	24.1	102	23.7	22.3	94	8	70 140	30
Methane	ND	13.6	13.0	96	13.6	12.1	89	7	70 130	30

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: 1W-70-SHB319-R13
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: F103010A F103011A F103012A
DATE EXTRACTED: 09/03/1009:30 09/03/1009:30 09/03/1009:30 DATE COLLECTED: 08/31/10
DATE ANALYZED: 09/03/1013:14 09/03/1013:31 09/03/1014:11 DATE RECEIVED: 08/31/10
PREP. BATCH: DGI003W DGI003W DGI003W
CALIB. REF: F103002A F103002A F103002A

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	9.47	37*	25.4	9.72	38*	3	60-140	30
Ethene	0.916J	23.7	9.72	37	23.7	9.88	38	2	20-160	30
Methane	594	13.6	586	-57*	13.6	592	-11*	1	10-160	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column Size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27686	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17195	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

AS
6/9/10

40229

SECOND SOURCE

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1D1D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:59
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	DL	%D LIMITS
Methane	1.085	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10F08.MET

AS
06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : FMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI03002A 09/03/2010 10:40
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.058	1.029	1.087	13.6	29810.9	380766	12.77	-6		15
Ethylene	2.617	2.566	2.668	23.7	18047.8	414465	22.97	-3		15
Ethane	3.058	3.008	3.108	25.4	26515.2	649641	24.50	-4		15
Propane	5.917	5.830	6.004	37.3	28066.5	975986	34.77	-7		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI03013A 09/03/2010 14:25
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.050	1.021	1.079	13.6	29810.9	371355	12.46	-8		15
Ethylene	2.617	2.566	2.668	23.7	18047.8	392778	21.76	-8		15
Ethane	3.050	3.000	3.100	25.4	26515.2	619722	23.37	-8		15
Propane	5.908	5.821	5.995	37.3	28066.5	968891	34.52	-7		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
Mid Conc Init LFID & Datetime: FFD8005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F103024A 09/03/2010 17:48
CONC UNIT : ppm

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.058	1.029	1.087	13.6	29810.9	373174	12.52	-8		15
Ethylene	2.617	2.566	2.668	23.7	18047.8	395974	21.94	-8		15
Ethane	3.058	3.008	3.108	25.4	26515.7	631654	23.82	-6		15
Propane	5.908	5.821	5.995	37.3	28066.5	1027479	36.61	-2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF0B005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F10B002A 09/08/2010 11:04
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	375631	12.60	-7		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	403919	22.38	-6		15
Ethane	3.083	3.033	3.133	25.4	26515.2	642896	24.25	-5		15
Propane	5.950	5.863	6.037	37.3	28066.5	1012582	36.07	-3		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1D10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI08013A 09/08/2010 14:02
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	377178	12.65	-7		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	410010	22.72	-4		15
Ethane	3.083	3.033	3.133	25.4	26515.2	654540	24.68	-3		15
Propane	5.958	5.871	6.045	37.3	28066.5	1032772	36.80	-1		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc.
DGAS ICAL (scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: F109.009 - [Batch: f108.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGMS ICAL

DGMS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Calculator | Method: Dg10f08.met | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG1003 : H661

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F103
Method File:	DG10F08
Analytical Batch:	CDG10F08312

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SSSB-06-38-2	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Lubbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/3/10

Disposed By: SC

Date Disposed: 9/3/10

Method: Dg10108.met Batch: Fi03.seq Data: Fi03.023 - [Batch: fi03.seq]

Run	Run Type	Sample ID	Method	Filename	DUVSIZ	Sample Amt	ISTD Amt	Multi
1	Unknown	IB10I312	dg10f08.met	FI03.001	0	100ul	0	1
2	Unknown	CDG10F08312	dg10f08.met	FI03.002	0		0	1
3	Unknown	DGI003WB	dg10f08.met	FI03.003	0		0	1
4	Unknown	DGI003WL	dg10f08.met	FI03.004	0		0	1
5	Unknown	DGI003WC	dg10f08.met	FI03.005	0		0	1
6	Unknown	10H661-01 RR CHYE	dg10f08.met	FI03.006	0		0	1
7	Unknown	10H661-02 RR CHYE	dg10f08.met	FI03.007	0		0	1
8	Unknown	10H661-03 RR CHYE	dg10f08.met	FI03.008	0		0	1
9	Unknown	10H661-04 RR CHYE	dg10f08.met	FI03.009	0		0	1
10	Unknown	10H661-05 RR CHYE	dg10f08.met	FI03.010	0		0	1
11	Unknown	10H661-05M	dg10f08.met	FI03.011	0		0	1
12	Unknown	10H661-05S	dg10f08.met	FI03.012	0		0	1
13	Unknown	CDG10F08313	dg10f08.met	FI03.013	0		0	1
14	Unknown	10H661-01T DF=1000	dg10f08.met	FI03.014	0	3ul (20x)	0	1000
15	Unknown	10H661-02T DF=1000	dg10f08.met	FI03.015	0		0	1000
16	Unknown	10H661-03T DF=1000	dg10f08.met	FI03.016	0		0	1000
17	Unknown	10H661-04T DF=1000	dg10f08.met	FI03.017	0		0	1000
18	Unknown	10H661-05T DF=1000	dg10f08.met	FI03.018	0		0	1000
19	Unknown	10H661-06 RR CHYE	dg10f08.met	FI03.019	0	100ul	0	1
20	Unknown	10H661-08 RR CHYE	dg10f08.met	FI03.020	0		0	1
21	Unknown	10H661-06T DF=1000	dg10f08.met	FI03.021	0	2ul (20x)	0	1000
22	Unknown	10H661-08I DF=500 Conf. only	dg10f08.met	FI03.022	0	4ul (20x)	0	500
23	Unknown	10H661-08T DF=400	dg10f08.met	FI03.023	0	5ul (20x)	0	400
24	Unknown	CDG10F08314	dg10f08.met	FI03.024	0	100ul	0	1
25	Unknown	IB	dg10f08.met	FI03.025	0		0	1
26	Unknown	IB	dg10f08.met	FI03.026	0		0	1
27	Unknown	IB	dg10f08.met	FI03.027	0		0	1
28	Unknown	IB	dg10f08.met	FI03.028	0		0	1
29	Unknown	IB	dg10f08.met	FI03.029	0		0	1
30	Unknown	IB	dg10f08.met	FI03.030	0		0	1
31	Unknown	IB	dg10f08.met	FI03.031	0		0	1
32	Unknown	IB	dg10f08.met	FI03.032	0		0	1
33	Unknown	IB	dg10f08.met	FI03.033	0		0	1
34	Unknown	IB	dg10f08.met	FI03.034	0		0	1
35	Unknown	IB	dg10f08.met	FI03.035	0		0	1

FINAL

SC 9/13/10

Start | Method: Dg10108 | Calculator | Friday, September 03, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG2004 : H661, H633, I003, I019

Book #: A10-021

Instrument No.: 10

Analytical Sequence: F108

Method File: DG10F08

Analytical Batch: CDG10F08315

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SSSB-06-38-3	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/8/10

Disposed By:

Date Disposed:

Method: Dg10f08.met Batch: FI08.seq Data: FI08.031 - [Batch: I08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	1810I315	dg10f08.met	FI08.001	0	100ml	0	1
2	Unknown	CDG10F08315	dg10f08.met	FI08.002	0		0	1
3	Unknown	DGI004WB	dg10f08.met	FI08.003	0		0	1
4	Unknown	DGI004WL	dg10f08.met	FI08.004	0		0	1
5	Unknown	DGI004WC	dg10f08.met	FI08.005	0		0	1
6	Unknown	10H661-09	dg10f08.met	FI08.006	0		0	1
7	Unknown	10H661-10	dg10f08.met	FI08.007	0		0	1
8	Unknown	10H661-09T DF=400	dg10f08.met	FI08.008	0	5ml (20x)	0	400
9	Unknown	10H661-10T DF=100	dg10f08.met	FI08.009	0	10ml (10x)	0	100
10	Unknown	10I003-07	dg10f08.met	FI08.010	0	100ml	0	1
11	Unknown	10I003-07H	dg10f08.met	FI08.011	0		0	1
12	Unknown	10I003-07S	dg10f08.met	FI08.012	0		0	1
13	Unknown	CDG10F08316	dg10f08.met	FI08.013	0		0	1
14	Unknown	10I003-06	dg10f08.met	FI08.014	0		0	1
15	Unknown	10I003-08	dg10f08.met	FI08.015	0		0	1
16	Unknown	10H633-02	dg10f08.met	FI08.016	0		0	1
17	Unknown	10H633-04	dg10f08.met	FI08.017	0		0	1
18	Unknown	10H633-05	dg10f08.met	FI08.018	0		0	1
19	Unknown	10H633-02T DF=5	dg10f08.met	FI08.019	0	20ml	0	5
20	Unknown	10H633-04T DF=2	dg10f08.met	FI08.020	0	50ml	0	2
21	Unknown	10I019-01	dg10f08.met	FI08.021	0	100ml	0	1
22	Unknown	10I019-01T BAD IMJ	dg10f08.met	FI08.022	0	—	0	1000
23	Unknown	10I019-01T DF=1000 Bad Int; NS evaluated	dg10f08.met	FI08.023	0	2ml (20x)	0	1000
24	Unknown	CDG10F08317	dg10f08.met	FI08.024	0	160ml	0	1
25	Unknown	10I019-02	dg10f08.met	FI08.025	0		0	1
26	Unknown	10I019-03	dg10f08.met	FI08.026	0		0	1
27	Unknown	10I019-04	dg10f08.met	FI08.027	0		0	1
28	Unknown	10I019-01T DF=1000	dg10f08.met	FI08.028	0	2ml (20x)	0	1000
29	Unknown	10I019-02T DF=100	dg10f08.met	FI08.029	0	10ml (10x)	0	100
30	Unknown	10I019-03T DF=400	dg10f08.met	FI08.030	0	5ml (20x)	0	400
31	Unknown	10I019-04T DF=400	dg10f08.met	FI08.031	0		0	400
32	Unknown	CDG10F08318	dg10f08.met	FI08.032	0	100ml	0	1
33	Unknown	IB	dg10f08.met	FI08.033	0		0	1
34	Unknown	IB	dg10f08.met	FI08.034	0		0	1
35	Unknown	IB	dg10f08.met	FI08.035	0		0	1

SC 9/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met | Untitled | Method: Dg10f08.met | Calculator | Wednesday, September 08, 2010

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/03/10 Time: 9:30 End Date: 9/03/10 Time: 10:45

PREPARATION BATCH #: DGT402

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG 1003 W B	39	4	N/A	
02	L				
03	C				
04	10H661- 01			<2	
05	-02				
06	-03				
07	-04				
08	-05				
09	-05M				
10	-05S				
11	-06				
12	-08				
13					
14					
15					
16					
17					SC 9/3/10
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
Hx	UN 1046

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☐ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/8/10 Time: 10:00 End Date: 9/8/10 Time: 11:00

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGI004 WB	39	4	N/A	
02	L				
03	C				
04	10H661-09			<2	
05	-10				
06	10I003-06			<2	
07	-07				
08	-07M				
09	-07S				
10	-08				
11	10H633-02			<2	
12	-04				
13	-05				
14	10I019-01			<2	
15	-02				
16	-03				
17	-04				
18					
19					
20					
21					SC 9/8/10
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	ALPHAGAZ 1 / AIR LIQUIDE

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

PREPARATION BATCH # DGI004

1 of 1

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				SC	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

Green

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10H661

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of two (2) water samples were received on 08/31/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI045WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter. Sample H661-09 was reported from DF 5 run due to suspected matrix interference from high Calcium and Sodium levels.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client: INSIGHT REC, INC.
Project: NAS SEAL BEACH - IR SITE 20
SDG NO: 15H651
Instrument ID: T-ICPS

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data File	Calibration Date File	Prep Batch	Notes
MBLKW	IP1046W	1	NA	09/14/1017:15	09/14/1011:00	ID81016022	ID81016021	IP1046W	Method Blank
LCSW	IP1046W1	1	NA	09/14/1020:27	09/14/1011:00	ID81016057	ID81016055	IP1046W	Lab Control Sample (LCS)
LCDW	IP1046W2	1	NA	09/14/1020:32	09/14/1011:00	ID81016059	ID81016055	IP1046W	LCS Duplicate
QLCIP10-MW-25 00245	1061-01A	1	NA	09/14/1017:20	09/14/1011:00	ID81016025	ID81016020	IP1046W	Analytical Spike Sample
QLCIP10-MW-25 002	1061-01	1	NA	09/14/1017:35	09/14/1011:00	ID81016026	ID81016020	IP1046W	Field Sample
QLCIP10-MW-25-0032L	1061-01L	5	NA	09/14/1017:40	09/14/1011:00	ID81016027	ID81016020	IP1046W	Diluted Sample
MW-20-PMW07A-A10	H661-09T	5	NA	09/15/1016:30	09/14/1011:00	ID81017029	ID81017020	IP1046W	Diluted Sample
MW-20-PMW07B-A10	H661-10	1	NA	09/14/1016:51	09/14/1011:00	ID81016040	ID81016032	IP1046W	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ENG. INC	Date Collected:	08/31/10 12:50
Project	NAS SEAL BEACH, IR SITE 20.	Date Received:	08/31/10
SDG NO.	10066.	Date Extracted.	09/14/10 11:00
Sample ID	MW-20-PMW07A-A10	Date Analyzed:	09/15/10 16:30
Lab Samp ID	H0611-091	Dilution Factor:	5
Lab File ID	I081017028	Matrix	: WATER
Ext Meth ID	3010SW	% Moisture	: NA
Calib Ref.	I081001000	Instrument ID	: FMAX1006

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	1.00	0.0250
Iron	ND	1.00	0.200
Manganese	3.43	1.00	0.0150

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT FLC, INC.	Date Collected	08/31/10 13:30
Project	NAS SEAL BEACH IR SITE 70	Date Received	08/31/10
SDG NO	104661	Date Extracted	09/14/10 11:00
Sample ID	MW-70-PMW07B-A12	Date Analyzed	09/14/10 18:51
Lab Samp ID	H661-10	Dilution Factor	1
Lab File ID	I081016040	Matrix	: WATER
Ext Batch ID	IP10454W	% Moisture	: NA
Calib. Ref	I081016002	Instrument ID	: EMAXT108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.302	0.200	0.0400
Manganese	0.574	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ENV. INC	Date Collected:	NA
Project	NAS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
SDG NO.	[illegible]	Date Extracted:	09/14/10 11:00
Sample ID	M4LK1W	Date Analyzed:	09/14/10 17:16
Lab Samp ID	IP1045W3	Dilution Factor	1
Lab File ID	I081016022	Matrix	WATER
Ext Btch ID	IP1045W	% Moisture	NA
Calib. Ref	I08T016020	Instrument ID	IMAX[illegible]08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO, INC
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 10H661
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA
DILTN FACTR: 1 | 1 | 1
SAMPLE ID: MB.KIW
CONTROL NO.: IP1045WB | IPIC4GWI | IP1045WC
LAB FILE ID: IDBIC16022 | IDBTC16057 | IDBIC16058
DATIME EXTRCTD: 09/14/1011:00 | 09/14/1011.00 | 09/14/1011.00 | DATE COLLECTED: NA
DATIME ANALYZD: 09/14/1017 15 | 09/14/1020 27 | 09/14/1020.32 | DATE RECEIVED: 09/14/10
PREP BATCH: IP1045W | IP1045W | IP1045W
CALIB. REF: IDBIC16020 | IDBTC16055 | IDBIC16055

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/l	BS RSLT mg/L	BS % REC	SPIKE AMT mg/l	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.496	99	.5	.498	100	0	80-120	20
Iron	ND	5	4.74	95	5	4.73	95	0	80 120	20
Manganese	ND	.5	.462	92	.5	.465	93	1	80 120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EEC, INC
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 104661
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 5
SAMPLE ID: OUCTPIC-MW-PS-003 | OUCTPIC-MW-PS-003D
EMAX SAMP ID: 1051-01 | 1051-01D
LAB FILE ID: 1081016026 | 1081016027
DATE EXTRACTED: 09/14/2011 00 | 09/14/2011 00 | DATE COLLECTED: 09/02/10 10:17
DATE ANALYZED: 09/14/2017:35 | 09/14/2017:40 | DATE RECEIVED: 09/03/10
PREP. BATCH: IP1045W | IP1045W
CALIB. REF: 1081016020 | 1081016020

ACCESSION

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	ND	ND	0	10
Manganese	ND	ND	0	10

PMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ENG. INC
PROJECT: NAS SEAL BEACH, CR SITE 70
SDG NO: 10-661
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILTN FACTR: 1 1
SAMPLE ID: CUSTPIC-MW-26 D03
CONTROL NO: 1051 01 1051 01A
LAB FILE ID: ID8T016026 ID8T016026
DATIME EXTRCTD: 09/14/1011.00 09/14/1011.00 DATE COLLECTED: 09/02/10 10.17
DATIME ANALYZD: 09/14/1017.35 09/14/1017.20 DATE RECEIVED: 09/03/10
PREP BATCH: TP1046W TP1046W
CALIB. REF: ID8I016020 ID8I016020

ACCESSION

PARAMETER	SMP. RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (% R)
Arsenic	ND	.5	.562	112	75 125
Iron	ND	5	5.18	104	75 125
Manganese	ND	5	.494	99	75 125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/15/10 14:05

End Date: 9/16/10 03:58

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

I485-01
02 Fe 7.0R
04 Fe is an interfering
05 element for several
06 analytes Must be diluted
I485-03 Tl Trace.
I431-01 Na "K value" Saturation

Book #: ADB-016

Instrument No.: D8

Analytical Batch: ID87017

Analytical Sequence: S-IO7.6010(V26)

Method File: IO76010(V26)

Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-02-03
S1	MA	S31	↓ 02-04
S2		ICV	SMIB12-04-02
S3		CCV	SMIB14-04-02
S4		ICSA	↓ 05 02
S5		ICSAB	↓ 0803
S6		CRI/MRL	MA
S7		LLCV	↓
S8		MLCV	↓
S9		MRL1	SMIB12-85-01
S10		MRL2	↓ 85 02
S11			
S12			
S16			
S17			
S18	↓		
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	↓ 01-02		
S23	01-03		
S24	01-04		
S25	↓ 01-05		
S26	SMIB12 100-02		
S27	↓ 100-03		
S28	SMIB14 02-01		
S29	↓ 02-02		

Analyzed By: TH

Date: 9/15/10

SEQUENCE FILE : 20010[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20010[illegible]	[illegible]	14:05	09/15/10	1.000
20010[illegible]	S20	14:13	09/15/10	1.000
20010[illegible]	S21	14:15	09/15/10	1.000
20010[illegible]	S22	14:21	09/15/10	1.000
20010[illegible]	S23	14:26	09/15/10	1.000
20010[illegible]	S24	14:31	09/15/10	1.000
20010[illegible]	S25	14:36	09/15/10	1.000
20010[illegible]	S26	14:41	09/15/10	1.000
20010[illegible]	S27	14:46	09/15/10	1.000
20010[illegible]	S28	14:52	09/15/10	1.000
20010[illegible]	S29	14:57	09/15/10	1.000
20010[illegible]	S30	15:02	09/15/10	1.000
20010[illegible]	S31	15:07	09/15/10	1.000
20010[illegible]	[illegible]	15:12	09/15/10	1.000
20010[illegible]	[illegible]	15:17	09/15/10	1.000
20010[illegible]	[illegible]	15:22	09/15/10	1.000
20010[illegible]	[illegible]	15:27	09/15/10	1.000
20010[illegible]	[illegible]	15:32	09/15/10	1.000
20010[illegible]	[illegible]	15:37	09/15/10	1.000
20010[illegible]	[illegible]	15:46	09/15/10	1.000
20010[illegible]	[illegible]	15:51	09/15/10	1.000
20010[illegible]	[illegible]	15:57	09/15/10	1.000
20010[illegible]	[illegible]	16:02	09/15/10	1.000
20010[illegible]	[illegible]	16:06	09/15/10	1.000
20010[illegible]	[illegible]	16:11	09/15/10	1.000
20010[illegible]	[illegible]	16:20	09/15/10	1.000
20010[illegible]	[illegible]	16:25	09/15/10	5.000
20010[illegible]	[illegible]	16:30	09/15/10	5.000
20010[illegible]	[illegible]	16:39	09/15/10	5.000
20010[illegible]	[illegible]	16:49	09/15/10	1.000
20010[illegible]	[illegible]	16:54	09/15/10	1.000
20010[illegible]	[illegible]	16:59	09/15/10	1.000
20010[illegible]	[illegible]	17:04	09/15/10	1.000
20010[illegible]	[illegible]	17:09	09/15/10	1.000
20010[illegible]	[illegible]	17:14	09/15/10	1.000
20010[illegible]	[illegible]	17:23	09/15/10	1.000
20010[illegible]	[illegible]	17:28	09/15/10	5.000
20010[illegible]	[illegible]	17:33	09/15/10	1.000
20010[illegible]	[illegible]	17:38	09/15/10	1.000
20010[illegible]	[illegible]	17:47	09/15/10	1.000
20010[illegible]	[illegible]	17:52	09/15/10	1.000
20010[illegible]	[illegible]	18:01	09/15/10	1.000
20010[illegible]	[illegible]	18:06	09/15/10	1.000
20010[illegible]	[illegible]	18:11	09/15/10	1.000
20010[illegible]	[illegible]	18:16	09/15/10	1.000
20010[illegible]	[illegible]	18:21	09/15/10	1.000
20010[illegible]	[illegible]	18:26	09/15/10	1.000
20010[illegible]	[illegible]	18:31	09/15/10	1.000
20010[illegible]	[illegible]	18:36	09/15/10	1.000
20010[illegible]	[illegible]	18:42	09/15/10	1.000
20010[illegible]	[illegible]	18:47	09/15/10	1.000
20010[illegible]	[illegible]	18:52	09/15/10	1.000
20010[illegible]	[illegible]	18:57	09/15/10	1.000
20010[illegible]	[illegible]	19:06	09/15/10	1.000

ID8101705[illegible]	CC54	19:11	09/15/10	1.000
ID8101705[illegible]	I113-18	19:16	09/15/10	1.000
ID8101705[illegible]	I113-19	19:21	09/15/10	1.000
ID8101705[illegible]	I158-01	19:26	09/15/10	1.000
ID8101705[illegible]	I158-02	19:31	09/15/10	1.000
ID8101706[illegible]	I158-03	19:36	09/15/10	1.000
ID8101706[illegible]	I167-01	19:42	09/15/10	1.000
ID8101706[illegible]	I068-06	19:48	09/15/10	1.000
ID8101706[illegible]	CC63	19:55	09/15/10	1.000
ID8101706[illegible]	CC65	20:00	09/15/10	1.000
ID8101706[illegible]	IP105058	20:05	09/15/10	1.000
ID8101706[illegible]	IP10506	20:11	09/15/10	1.000
ID8101706[illegible]	IP105030	20:16	09/15/10	1.000
ID8101706[illegible]	I485-01A	20:22	09/15/10	1.000
ID8101706[illegible]	I485-01	20:30	09/15/10	1.000
ID8101707[illegible]	I485-[illegible]	20:35	09/15/10	1.000
ID8101707[illegible]	I485-01B	20:41	09/15/10	1.000
ID8101707[illegible]	I485-01C	20:46	09/15/10	1.000
ID8101707[illegible]	CC76	20:56	09/15/10	1.000
ID8101707[illegible]	CC86	21:01	09/15/10	1.000
ID8101707[illegible]	I485-02	21:10	09/15/10	1.000
ID8101707[illegible]	I485-03	21:15	09/15/10	1.000
ID8101707[illegible]	I485-04	21:21	09/15/10	1.000
ID8101707[illegible]	I485-05	21:27	09/15/10	1.000
ID8101707[illegible]	I485-06	21:32	09/15/10	1.000
ID8101708[illegible]	CC97	21:42	09/15/10	1.000
ID8101708[illegible]	CC87	21:47	09/15/10	1.000
ID8101708[illegible]	IP1049w3	21:52	09/15/10	1.000
ID8101708[illegible]	IP1049w1	21:57	09/15/10	1.000
ID8101708[illegible]	IP1049w2	22:02	09/15/10	1.000
ID8101708[illegible]	I108-04A	22:07	09/15/10	1.000
ID8101708[illegible]	I108-04	22:12	09/15/10	1.000
ID8101708[illegible]	I108-04C	22:17	09/15/10	5.000
ID8101708[illegible]	I108-04H	22:22	09/15/10	1.000
ID8101708[illegible]	I108-04S	22:27	09/15/10	1.000
ID8101709[illegible]	I108-01	22:32	09/15/10	1.000
ID8101709[illegible]	I108-02	22:37	09/15/10	1.000
ID8101709[illegible]	CC98	22:45	09/15/10	1.000
ID8101709[illegible]	CC88	22:51	09/15/10	1.000
ID8101709[illegible]	I106-03	22:56	09/15/10	1.000
ID8101709[illegible]	I106-05	23:01	09/15/10	1.000
ID8101709[illegible]	I108-06	23:07	09/15/10	1.000
ID8101709[illegible]	I108-07	23:12	09/15/10	1.000
ID8101709[illegible]	I431-01	23:17	09/15/10	1.000
ID8101710[illegible]	I195-01	23:22	09/15/10	1.000
ID8101710[illegible]	I195-02	23:27	09/15/10	1.000
ID8101710[illegible]	H386-01	23:32	09/15/10	1.000
ID8101710[illegible]	H386-02	23:38	09/15/10	1.000
ID8101710[illegible]	H386-03	23:43	09/15/10	1.000
ID8101710[illegible]	CC49	23:52	09/15/10	1.000
ID8101710[illegible]	CC39	23:57	09/15/10	1.000
ID8101710[illegible]	H386-04	00:02	09/16/10	1.000
ID8101710[illegible]	H386-05	00:07	09/16/10	1.000
ID8101710[illegible]	H386-06	00:12	09/16/10	1.000
ID8101710[illegible]	H386-07	00:17	09/16/10	1.000
ID8101711[illegible]	H386-08	00:22	09/16/10	1.000
ID8101711[illegible]	H391-01	00:28	09/16/10	1.000

ID81017112	[illegible]	00:37	09/16/10	1.000
ID81017113	ID5A2	00:42	09/16/10	1.000
ID81017114	ID5A22	00:47	09/16/10	1.000
ID81017115	CC[illegible]	00:55	09/16/10	1.000
ID81017116	CC81C	01:07	09/16/10	1.000
ID81017117	[illegible]42WQ	01:06	09/16/10	1.000
ID81017118	T[illegible]43WP	01:10	09/16/10	1.000
ID81017119	T[illegible]43WY	01:16	09/16/10	1.000
ID81017120	W[illegible]290	01:21	09/16/10	5.000
ID81017121	ID64-01A	01:26	09/16/10	5.000
ID81017122	ID64-01[illegible]	01:31	09/16/10	5.000
ID81017123	ID64-01[illegible]	01:37	09/16/10	25.00
ID81017124	ID64 01N	01:42	09/16/10	5.000
ID81017125	ID64-01S	01:47	09/16/10	5.000
ID81017126	ID64-02[illegible]	01:52	09/16/10	5.000
ID81017127	CC[illegible]	02:03	09/16/10	1.000
ID81017128	CC81[illegible]	02:08	09/16/10	1.000
ID81017129	IPD[illegible]15B	02:13	09/16/10	1.000
ID81017130	IPD[illegible]15[illegible]	02:18	09/16/10	1.000
ID81017131	IPD[illegible]15C	02:23	09/16/10	1.000
ID81017132	ID68-01A	02:35	09/16/10	1.000
ID81017133	ID68-01[illegible]	02:33	09/16/10	1.000
ID81017134	ID68-01U	02:39	09/16/10	5.000
ID81017135	ID68-01W	02:44	09/16/10	1.000
ID81017136	ID68-01S	02:49	09/16/10	1.000
ID81017137	ID68-02	02:54	09/16/10	1.000
ID81017138	ID68-03	02:59	09/16/10	1.000
ID81017139	CC[illegible]4	03:08	09/16/10	1.000
ID81017140	[illegible]812	03:13	09/16/10	1.000
ID81017141	ID68 04	03:18	09/16/10	1.000
ID81017142	ID68-05	03:24	09/16/10	1.000
ID81017143	ID68-06	03:29	09/16/10	1.000
ID81017144	ID68-07	03:34	09/16/10	1.000
ID81017145	ID68-08	03:39	09/16/10	1.000
ID81017146	ID68-09	03:44	09/16/10	1.000
ID81017147	CC[illegible]3	03:53	09/16/10	1.000
ID81017148	C[illegible]2	03:58	09/16/10	1.000

PARAMETER	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK																												
S1																												
S2																												
S3																												
S4																												
S5																												
S6																												
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S8																												
S9																												
S10																												
S11																												
ICV	109	104	103	101	103	99	102	106	102	96	102	99	96	102	97	92	101	103	102	104	101	106	98	96	99	98	102	105
ICB																												
MB1 1101																												
MB1 1102																												
ICS41	106							96				94			94													
ICS41L	102	103	103	103	97	95	100	94	93	92	107	92	92	105	92	87	103	99	105	103	105	108	95	99	96	94	95	103
CCV1	106	103	103	101	104	95	103	103	101	97	100	97	91	102	96	92	103	103	104	104	101	106	97	95	99	97	100	104
CCB1																												
IPI04C50																												
IPI04C39																												
IPI04C59																												
H38C-06A																												
H38C-06B																												
H38C-06C																												
H691 03T																												
H619-03T																												
CCV2	109	103	104	100	103	99	102	103	101	95	103	99	95	103	97	92	102	103	101	104	101	107	98	96	100	97	99	107
CCB2																												
IPI04S3																												
IPI04S4																												
IPI04S5																												
I167-02																												
I167-03																												
I167-04																												
I167-05																												
I167-06																												
I167-07																												
I167-08																												
I167-09																												
I167-10																												
I167-11																												
I167-12																												
I167-13																												
I167-14																												
I167-15																												
I167-16																												
I167-17																												
I167-18																												
I167-19																												
I167-20																												
I110-01																												
I110-03																												
I110-05																												
CCV4	107	103	103	101	104	98	102	102	101	97	101	97	96	102	96	91	101	103	104	104	101	106	97	95	99	97	100	104

2264	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2119-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2119-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1169-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1169-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1169-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1167-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1169-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2295	103	103	104	101	103	99	102	104	102	96	103	100	96	104	98	93	101	102	102	104	101	108	99	96	100	98	100	107
2295	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP135056	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP135051	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP135052	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1468-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0296	101	103	104	101	102	99	103	105	101	96	102	98	95	102	96	91	101	102	105	104	101	107	98	96	99	100	100	107
0296	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0297	105	107	102	102	104	99	102	103	102	96	100	98	99	102	97	92	101	102	106	104	102	107	97	95	98	101	101	107
0287	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP104942	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP104941	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP104940	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-04C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-04P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-04S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1006-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1006-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0295	107	103	104	103	102	100	102	103	102	96	103	99	96	104	99	93	102	103	103	104	102	112	99	97	99	100	100	107
0295	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1431-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1395-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1395-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H286-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H286-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H286-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0298	108	103	104	102	102	100	102	103	101	96	103	99	96	104	97	91	102	103	103	104	102	109	98	96	99	98	100	105
0298	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H391-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	103	----	----	----	----	----	----	92	----	----	----	94	----	----	99	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	99	103	107	108	96	101	102	94	96	93	105	93	91	109	94	98	103	109	109	107	109	114	99	92	97	98	95	104	
[illegible]	107	107	105	104	101	102	108	107	102	96	103	98	97	108	98	91	103	104	105	106	102	113	113	98	99	100	102	107	
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC5	11.9	11.9	.100	.500	.210	1.26	.040	27.1	.080	.130	.120	4.44	.330	-.790	13.6	.270	1.01	-.380	-65.8	-.320	.060	-77.6	.150	1.16	.370	.640	.040	1.35
MB_11701	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB_11702	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	----	4.69	-2.30	.190	-.070	-3.12	-1.05	----	-.070	-1.25	-.040	----	-1.33	.370	----	1.78	-2.19	-1.19	-145	1.31	-.180	-18.0	.300	-.600	1.24	-5.79	-.520	2.62
ICSAB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	11.9	8.80	.700	.280	.140	1.18	.070	27.0	.050	.090	-.020	5.86	.330	.360	11.0	.100	.990	-.130	-83.5	.170	-.110	-74.8	.130	1.41	.450	.330	.100	.600
IPIC405L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC405X	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC405S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H080-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H080-06M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H080-05C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H091-09T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H029-12T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC49	7.56	7.39	-.630	.160	.060	.710	.040	3.32	-.030	.120	-.010	1.69	.510	-.640	13.4	.220	.960	-.290	77.2	1.10	.120	-16.9	.140	1.33	.490	.450	.120	.140
IPIC445S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC445	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC445C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-T04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-T12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-T29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-T35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB3	7.59	7.6	1.19	.200	.050	.991	.040	1.06	-.340	.110	.030	3.46	.051	-.210	16.8	.070	1.05	-.070	-86.9	.990	.070	-1.02	.150	1.21	.380	2.03	.090	.110
I167-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I167-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I110-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I110-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I110-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1054	7.66	7.12	.360	.840	.060	.750	.060	2.26	.010	.160	.010	3.29	.460	-1.18	16.4	.110	1.06	-.160	-82.1	.650	.090	-.110	.120	1.04	.970	1.43	.080	-.170
1055-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1055-49	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1055-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1055-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1055-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1067-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1076	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1086	6.44	7.93	.070	.100	.090	.610	.020	-.290	-.720	.140	-.110	4.03	.310	-.590	11.5	.130	1.29	-.220	-87.3	.120	-.040	-.110	.070	1.06	.550	.710	.130	-.530
IP1054SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1054SI	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1054SA	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2046	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2086	5.14	20.6	.390	.150	.050	1.19	.090	2.40	-.850	.140	.070	4.80	.450	-.290	8.29	.110	1.19	-.210	-69.4	.550	-.360	-.114	.160	1.24	.270	5.67	.030	-.440
1485-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1485-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2047	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2087	7.83	8.79	.370	.150	.020	.631	.030	.790	.020	.090	-.050	2.15	.350	-.230	11.8	.160	1.39	-.210	-197	.260	.290	.123	.080	1.57	.530	6.43	.020	-.370
IP1049AB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1049M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1049WD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1038-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-04P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1009-04S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1008-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1048	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1058	10.1	11.1	.390	.420	.130	1.19	.160	44.7	.130	.200	.100	3.50	.130	-.320	21.5	.150	1.20	.150	-97.6	.270	-.010	-21.9	.190	1.66	.300	.750	.050	2.10
1006-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1006-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1006-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1006-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1431-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1196-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1196-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2049	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2089	7.73	7.64	.450	.200	.070	1.31	.070	8.96	.040	.160	.080	1.59	.420	-.050	15.2	.130	1.22	-.030	50.4	-.650	.100	98.4	.120	1.66	.410	.730	.050	.920
H386-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H386-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4591-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	.490	-2.63	.293	-.569	-1.69	.110	----	-.610	-1.21	.400	----	.520	.247	----	5.61	-2.93	-1.76	-.112	3.01	.759	.178	.660	-1.25	.890	-4.26	-.720	2.75	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Sequence Sample List (S_1016010(v26) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I017001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I017002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I017003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I017004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I017005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I017006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I017007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I017008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I017009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I017010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I017011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I017012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I017013			1	☒	CCV	None
14	1	2	1	1	QC	ICV		ID8I017014			1	☒	3XIDL	None
15	2	2	2	1	QC	ICB		ID8I017015			1	☒	EMAX	None
16	3	2	3	1	QC	MRL3170'		ID8I017016			1	☒	AFCEE	None
17	4	2	4	1	QC	MRL1702		ID8I017017			1	☒	ICSA-DoD	None
18	5	2	5	1	QC	ICSA1		ID8I017018			1	☒	ICSAB1	None
19	6	2	6	1	QC	ICSAB1		ID8I017019			1	☒	CCV	None
20	7	2	7	1	QC	CCV1		ID8I017020			1	☒	3XIDL	None
21	8	2	8	1	QC	CCB1		ID8I017021			1	☒	CCB	None
22	9	2	9	1	QC	IPI040SQ		ID8I017022			1	☒	LCS	None
23	10	2	10	1	QC	IPI040SX		ID8I017023			1	☒	LCS	None
24	11	2	11	1	QC	IPI040SY		ID8I017024			1	☒	unk	—
25	12	2	12	1	Unk	H380-06A		ID8I017025			1	☒	unk	—
26	13	2	1	2	Unk	H380-06W		ID8I017026			1	☒	unk	—
27	14	2	2	2	Unk	H380-06J		ID8I017027			1	☒	unk	—
28	15	2	3	2	Unk	H661-09T	5X	ID8I017028			1	☒	unk	—
29	16	2	4	2	Unk	I019-02T	5X	ID8I017029			1	☒	CCV	None
30	18	2	6	2	QC	CCV2		ID8I017030			1	☒	3XIDL	None
31	19	2	7	2	QC	CCB2		ID8I017031			1	☒	CCB	None
32	20	2	8	2	QC	IPI044SB		ID8I017032			1	☒	LCS	None
33	21	2	9	2	QC	IPI044SL		ID8I017033			1	☒	LCS	None
34	22	2	10	2	QC	IPI044SC		ID8I017034			1	☒	unk	—
35	23	2	11	2	Unk	I167-07A		ID8I017035			1	☒	unk	—
36	24	2	12	2	Unk	I167-07		ID8I017036			1	☒	unk	—
37	25	2	1	3	Unk	I167-07J		ID8I017037			1	☒	unk	—
38	26	2	2	3	Unk	167-07M		ID8I017038			1	☒	unk	—
39	27	2	3	3	Unk	167-07S		ID8I017039			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	28	2	4	3	Unk	I167-01		ID8I017040			1	☒	unk	—
41	29	2	5	3	Unk	I167-02		ID8I017041			1	☒	unk	—
42	30	2	6	3	QC	CCV3		ID8I017042			1	☒	CCV	None
43	31	2	7	3	QC	CCB3		ID8I017043			1	☒	3XIDL	None
44	32	2	8	3	Unk	I167-03		ID8I017044			1	☒	unk	—
45	33	2	9	3	Unk	I167-04		ID8I017045			1	☒	unk	—
46	34	2	10	3	Unk	I167-05		ID8I017046			1	☒	unk	—
47	35	2	11	3	Unk	I167-06		ID8I017047			1	☒	unk	—
48	36	2	12	3	Unk	I167-08		ID8I017048			1	☒	unk	—
49	37	2	1	4	Unk	I167-09		ID8I017049			1	☒	unk	—
50	38	2	2	4	Unk	I167-10		ID8I017050			1	☒	unk	—
51	39	2	3	4	Unk	I110-01		ID8I017051			1	☒	unk	—
52	40	2	4	4	Unk	I110-03		ID8I017052			1	☒	unk	—
53	41	2	5	4	Unk	I110-05		ID8I017053			1	☒	unk	—
54	42	2	6	4	QC	CCV4		ID8I017054			1	☒	CCV	None
55	43	2	7	4	QC	CCB4		ID8I017055			1	☒	3XIDL	None
56	44	2	8	4	Unk	I110-08		ID8I017056			1	☒	unk	—
57	45	2	9	4	Unk	I110-09		ID8I017057			1	☒	unk	—
58	46	2	10	4	Unk	I158-01		ID8I017058			1	☒	unk	—
59	47	2	11	4	Unk	I158-02		ID8I017059			1	☒	unk	—
60	48	2	12	4	Unk	I158-03		ID8I017060			1	☒	unk	—
61	49	2	1	5	Unk	I167-11		ID8I017061			1	☒	unk	—
62	17	2	5	2	Unk	I068-06	Q.7" ok ✓	ID8I017062			1	☒	unk	—
63	50	2	2	5	QC	CCV5		ID8I017063			1	☒	CCV	None
64	51	2	3	5	QC	CCB5		ID8IC17064			1	☒	3XIDL	None
65	72	3	12	1	QC	IPI050SB		ID8IC17065			1	☒	CCB	None
66	73	3	1	2	QC	IPI050SL		ID8IC17066			1	☒	LCS	None
67	74	3	2	2	QC	IPI050SC		ID8-017067			1	☒	LCS	None
68	75	3	3	2	Unk	I485-01A	Fe 7L0R	ID8-017068			1	☒	unk	—
69	76	3	4	2	Unk	I485-01	Fe 7L0R	ID8-017069			1	☒	unk	—
70	77	3	5	2	Unk	I485-01J		ID8I017070			1	☒	unk	—
71	78	3	6	2	Unk	I485-01M	Fe 7L0R	ID8I017071			1	☒	unk	—
72	79	3	7	2	Unk	I485-01S	Fe 7L0R	ID8I017072			1	☒	unk	—
73	82	3	10	2	QC	CCV6		ID8I017073			1	☒	CCV	None
74	83	3	11	2	QC	CCB6	Sb I	ID8I017074			1	☒	3XIDL	None
75	80	3	8	2	Unk	I485-02	Fe 7L0R	ID8I017075			1	☒	unk	—
76	81	3	9	2	Unk	I485-03	Tl SbND	ID8I017076			1	☒	unk	—
77	84	3	12	2	Unk	485-04	Fe 7L0R	ID8I017077			1	☒	unk	—
78	85	3	[illegible]	3	Unk	485-05	Fe 7L0R	ID8I017078			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
79	86	3	2	3	Unk	I485-06	Fe 7L/mL	ID8I017079			1	☒	unk	—
80	87	3	3	3	QC	CCV7		ID8I017080			1	☒	CCV	None
81	88	3	4	3	QC	CCB7		ID8I017081			1	☒	3XIDL	None
82	89	3	5	3	QC	IPI049WB		ID8I017082			1	☒	CCB	None
83	90	3	6	3	QC	IPI049WL		ID8I017083			1	☒	LCS	None
84	91	3	7	3	QC	IPI049WC		ID8I017084			1	☒	LCS	None
85	92	3	8	3	Unk	I008-04A		ID8I017085			1	☒	unk	—
86	93	3	9	3	Unk	I008-04		ID8I017086			1	☒	unk	—
87	94	3	10	3	Unk	I008-04J		ID8I017087			1	☒	unk	—
88	95	3	11	3	Unk	I008-04M		ID8I017088			1	☒	unk	—
89	96	3	12	3	Unk	I008-04S		ID8I017089			1	☒	unk	—
90	97	3	1	4	Unk	I008-01		ID8I017090			1	☒	unk	—
91	98	3	2	4	Unk	I008-02		ID8I017091			1	☒	unk	—
92	99	3	3	4	QC	CCV8		ID8I017092			1	☒	CCV	None
93	100	3	4	4	QC	CCB8		ID8I017093			1	☒	3XIDL	None
94	101	3	5	4	Unk	I008-03		ID8I017094			1	☒	unk	—
95	102	3	6	4	Unk	I008-05		ID8I017095			1	☒	unk	—
96	103	3	7	4	Unk	I008-06		ID8I017096			1	☒	unk	—
97	104	3	8	4	Unk	I008-07		ID8I017097			1	☒	unk	—
98	105	3	9	4	Unk	I431-01	Sb NO Not"	ID8I017098			1	☒	unk	—
99	106	3	10	4	Unk	I195-01		ID8I017099			1	☒	unk	—
100	107	3	11	4	Unk	I195-02		ID8I017100			1	☒	unk	—
101	108	3	12	4	Unk	H386-01		ID8I017101			1	☒	unk	—
102	109	3	1	5	Unk	H386-02		ID8I017102			1	☒	unk	—
103	110	3	2	5	Unk	H386-03		ID8I017103			1	☒	unk	—
104	111	3	3	5	QC	CCV9		ID8I017104			1	☒	CCV	None
105	112	3	4	5	QC	CCB9		ID8I017105			1	☒	3XIDL	None
106	113	3	5	5	Unk	H386-04		ID8I017106			1	☒	unk	—
107	114	3	6	5	Unk	H386-05		ID8I017107			1	☒	unk	—
108	115	3	7	5	Unk	H386-06		ID8I017108			1	☒	unk	—
109	116	3	8	5	Unk	H386-07		ID8I017109			1	☒	unk	—
110	117	3	9	5	Unk	H386-08		ID8I017110			1	☒	unk	—
111	118	3	10	5	Unk	H391-01		ID8I017111			1	☒	unk	—
112	119	3	11	5	Unk	H391-02		ID8I017112			1	☒	unk	—
113	120	3	12	5	QC	ICSA2		ID8I017113			1	☒	ICSA	None
114	121	4	1	1	QC	ICSAB2		ID8I017114			1	☒	ICSAB1	None
115	122	4	2	1	QC	CCV10	No 110%	ID8I017115			1	☒	CCV	None
116	123	4	3	1	QC	CCB10		ID8I017116			1	☒	3XIDL	None
117	128	4	8	1	QC	IPI043WQ		ID8I017117			1	☒	CCB	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
118	129	4	9	1	QC	IPIC43WX		ID8I017118			1	☒	LCS	None
119	130	4	10	1	QC	IPIC43WY		ID8I017119			1	☒	LCS	None
120	131	4	11	1	QC	WTI002SO	5X	ID8I017120			1	☒	CCB	None
121	132	4	12	1	Unk	I064-01A	5X	ID8I017121			1	☒	unk	—
122	133	4	1	2	Unk	I064-01I	5X	ID8I017122			1	☒	unk	—
123	134	4	2	2	Unk	I064-01J	25X	ID8I017123			1	☒	unk	—
124	135	4	3	2	Unk	I064-01M	5X	ID8I017124			1	☒	unk	—
125	136	4	4	2	Unk	I064-01S	5X	ID8I017125			1	☒	unk	—
126	137	4	5	2	Unk	I064-02I	5X	ID8I017126			1	☒	unk	—
127	138	4	6	2	QC	CCV11		ID8I017127			1	☒	CCV	None
128	139	4	7	2	QC	CCB11		ID8I017128			1	☒	3XIDL	None
129	52	2	4	5	QC	IPI041SB		ID8I017129			1	☒	CCB	None
130	53	2	5	5	QC	IPI041SL		ID8I017130			1	☒	LCS	None
131	54	2	6	5	QC	IPI041SC		ID8I017131			1	☒	LCS	None
132	55	2	7	5	Unk	I068-01A	dried & sieved	ID8I017132			1	☒	unk	—
133	56	2	8	5	Unk	I068-01	dried & sieved	ID8I017133			1	☒	unk	—
134	57	2	9	5	Unk	I068-01J	dried & sieved	ID8I017134			1	☒	unk	—
135	58	2	10	5	Unk	I068-01M	dried & sieved	ID8I017135			1	☒	unk	—
136	59	2	11	5	Unk	I068-01S	dried & sieved	ID8I017136			1	☒	unk	—
137	60	2	12	5	Unk	I068-02	dried & sieved	ID8I017137			1	☒	unk	—
138	61	3	1	1	Unk	I068-03	dried & sieved	ID8I017138			1	☒	unk	—
139	62	3	2	1	QC	CCV12		ID8I017139			1	☒	CCV	None
140	63	3	3	1	QC	CCB12		ID8I017140			1	☒	3XIDL	None
141	64	3	4	1	Unk	I068-04	dried & sieved	ID8I017141			1	☒	unk	—
142	65	3	5	1	Unk	I068-05	dried & sieved	ID8I017142			1	☒	unk	—
143	66	3	6	1	Unk	I068-06	dried & sieved	ID8I017143			1	☒	unk	—
144	67	3	7	1	Unk	I068-07	dried & sieved	ID8I017144			1	☒	unk	—
145	68	3	8	1	Unk	I068-08	dried & sieved	ID8I017145			1	☒	unk	—
146	69	3	9	1	Unk	I068-09	dried & sieved	ID8I017146			1	☒	CCV	None
147	70	3	10	1	QC	CCV13		ID8I017147			1	☒	3XIDL	None
148	71	3	11	1	QC	CCB13		ID8I017148			1	☒		

INDV	LSID	A1	A2	A3	A4	A5	B	C1	C2	C3	C4	LSID
1	State	-.00011	.00001	.00000	.00017	.00010	.00017	-.00056	.00001	-.00004	-.00003	State
2	S20					.69914		7.9707				S20
3	S21					8.5841		27.265				S21
4	S22				.47277						.16129	S22
5	S23				4.5505						1.5869	S23
6	S24						.03223					S24
7	S25						.94261					S25
8	S26	.19035							.91035	.13185	.	S26
9	S27	8.9456							8.0205	1.2895		S27
10	S28		.00538									S28
11	S29		.01297									S29
12	S30			.00120								S30
13	S31			.02479								S31
14	IC4	108.19	1.8541	1.0210	2.0022	1.5463	2.4639	2.0429	79.466	2.5261	.95982	IC4
15	IC8	.01192	.00181*	-.00010	.00055	.00011	.00136	.00024	.02713	.00028	.00013	IC8
16	MRL01701	.22095	.00936	.01064	.01940	.01025	.01002	.00011	1.0338	.01052	.00948	MRL01701
17	MRL01702	.27569	.00315	.01066	.00554	.00439	.09530	.00510	.55546	.01026	.00950	MRL01702
18	ICSA1	299.46	.00459	.00220	.00004	-.00007	-.00012	-.00105	479.39	-.00007	-.00125	ICSA1
19	ICSAB1	359.64	1.0204	1.0330	.51370	.48654	.47575	1.0020	472.75	.46410	.46772	ICSAB1
20	CC41	105.98	1.6811	1.0297	2.0126	1.5556	2.4711	2.0521	77.109	2.5727	.96501	CC41
21	CC81	.01118	.00361*	.00079	.00028	.00014	.00118	.00007	.01703	.00015	.00009	CC81
22	IP104050	.02143	.00126	.00142	.00071	.00012	.00117	.00001	.03054	.00010	.00018	IP104050
23	IP104054	5.4990	2.5302	.51777	.52851	.52313	.47213	.54764	52.102	.52257	.51233	IP104054
24	IP104057	5.2547	2.4673	.49475	.49146	.51178	.45346	.52159	53.795	.53597	.49515	IP104057
25	-360-064	41.614	2.4732	.54803	2.1743	.53369	.44433	.54573	61.437	.65548	.57100	-360-064
26	-360-066	56.187	.00180	.00009	1.6855	.00232	.01951	.00058	10.472	.14132	.01349	-360-066
27	-360-062	11.406	.00025	.00030	.34211	.00038	.00181	.00001	2.3160	.02854	.00279	-360-062
28	-661-091	.00705	.00181	.00018	.05479	-.00007	.02737	-.00030	412.39	.00003	-.00059	-661-091
29	-019-027	.00353	.00024	-.00170	.03057	-.00005	.14420	-.00022	354.60	.00015	.00043	-019-027
30	CC42	108.05	1.5473	1.0385	2.0134	1.5444	2.4798	2.0489	77.691	2.5231	.96165	CC42
31	CC82	.00152	.00138*	-.00066	.00738	.00105	.00071	.00004	.00330	-.00003	.00012	CC82
32	IP104456	.01627	.00123	.00177	.00027	.00014	.00074	.00009	.04481	-.00003	.00023	IP104456
33	IP104451	5.4267	2.6477	.52440	.61890	.52888	.47659	.55473	51.950	.52772	.51607	IP104451
34	IP104450	5.2936	2.4730	.50303	.49582	.51087	.45954	.53763	51.741	.52166	.50143	IP104450
35	[illegible]	40.597	2.4471	.53463	.57328	.48013	.45455	.55325	68.385	.67599	.61573	[illegible]
36	[illegible]	55.083	.01119	.00669	.30396	.00710	.04348	.00349	28.664	.15543	.04760	[illegible]
37	[illegible]	11.004	.07401	.00225	.16419	.00038	.00781	.00037	5.7610	.00071	.00922	[illegible]
38	[illegible]	59.175	2.2946	.50675	.78776	.46240	.48428	.51019	76.590	.57597	.52112	[illegible]
39	[illegible]	61.179	2.5435	.55588	.79875	.49588	.46053	.51856	79.072	.64941	.52226	[illegible]
40	[illegible]	62.019	.01337	.01954	.31512	.00203	.02269	.01126	7.7394	.21575	.06255	[illegible]
41	[illegible]	96.425	.00436	.01044	.94001	.00174	.00421	-.00002	20.898	.27380	.08391	[illegible]
42	CC43	108.46	1.5612	1.0418	2.0135	1.5457	2.4756	2.0516	77.796	2.5357	.96178	CC43
43	CC83	.00359	.00593*	.00129	.00037	.00066	.00044	.00014	.00106	-.00014	.00011	CC83
44	[illegible]	96.122	.00699	.01778	.73589	.00745	.02477	.00026	23.072	.27422	.07632	[illegible]
45	[illegible]	84.799	.00287	.00094	.63869	.00939	.03468	.00041	30.152	.19070	.07052	[illegible]
46	[illegible]	99.090	.01156	.02195	.41369	.00825	.07890	.00065	90.250	.19726	.06675	[illegible]
47	[illegible]	95.554	-.00057	.00902	.83349	.00104	.00135	-.00172	17.727	.29480	.07842	[illegible]
48	[illegible]	59.694	.00154	.02662	.13950	.00373	.04887	-.00246	6.0336	.29374	.08572	[illegible]
49	[illegible]	59.761	.00196	.01765	.22669	.00713	.03667	-.00172	4.5491	.19921	.05312	[illegible]
50	[illegible]	76.940	.00095	.02515	.14410	.00352	.04607	-.00148	3.7933	.24837	.03264	[illegible]
51	[illegible]	96.658	.00156	.01272	.66242	.00140	.00398	.00110	71.598	.14373	.04462	[illegible]
52	[illegible]	56.929	.00114	.02148	.75586	.00232	.00475	.00535	46.061	.12945	.05581	[illegible]
53	[illegible]	70.903	.00196	.01542	.69249	.70265	.01495	-.00032	16.132	.22641	.03549	[illegible]
54	CC44	107.08	1.5431	1.0272	2.0123	1.5594	2.4809	2.0466	76.952	2.5165	.96524	CC44

55	CCB4	.00755	.00117*	.00006	.00024	.00010	.00075	.00008	.00025	.00003	.00015	CCB4
56	C110-03	76.699	.00479	.02205	1.0906	.00302	.02541	.00454	49.269	.10043	.05642	C110-03
57	C110-09	74.662	.00109	.02156	3.6745	.00259	.06591	.00416	36.344	.10855	.05614	C110-09
58	C158-01	97.150	.01142	.11819	.99604	.03849	.01684	.02278	14.551	.44222	.14839	C158-01
59	C158-02	82.946	.01059	.19939	.82916	.01677	.01579	.01909	11.009	.49946	.11957	C158-02
60	C158-03	104.99	.01944	.10108	1.3462	.01961	.01977	.01565	12.493	.41426	.12983	C158-03
61	C167-11	30.215	.01600	.01739	.20367	.00179	.01435	.00136	12.717	.12614	.04483	C167-11
62	C168-06	16.120	-.00020	.07137	.21708	.00127	.02950	.00401	*****	.12446	.01343	C168-06
63	CC45	106.35	1.5446	1.3426	2.0214	1.6431	2.4893	2.3474	78.058	2.6476	.95977	CC45
64	CC85	.00644	.00783*	.00037	.00012	.00035	.00060	.00002	-.00026	.00002	.00014	CC85
65	IP105053	.01842	.00061	.00067	.00016	.00006	.01017	.01039	.04433	.00002	.00017	IP105053
66	IP105054	5.1120	2.4311	.49149	.48891	.49607	.46503	.62021	51.167	.49701	.46628	IP105054
67	IP105055	5.1856	2.4739	.50132	.49617	.50370	.46918	.62727	51.738	.51479	.49152	IP105055
68	I485-01A	251.85	2.7001	.59063	2.1520	.47921	.57076	.61476	666.28	.6039	.32742	I485-01A
69	I485-01	254.41	.02031	.34109	1.4217	.00660	.03133	.00738	651.99	1.1943	.36824	I485-01
70	I485-01J	49.833	.01101	.20739	.34228	.00134	.01274	-.00071	147.17	.23416	.0.309	I485-01J
71	I485-01M	208.41	2.2327	.56496	1.7355	.48331	.56769	.51337	710.92	1.7134	1.1890	I485-01M
72	I485-01S	315.15	2.1559	.58514	1.6316	.49142	.58118	.51533	677.43	1.8258	.52454	I485-01S
73	CC95	106.52	1.5491	1.0416	2.0220	1.6453	2.4738	2.0528	77.010	2.5337	.95418	CC95
74	CC96	.00214	.01083*	.00009	.00015	.00006	.00219	.00006	-.00243	-.00005	.00014	CC96
75	I485-02	207.21	.01064	.03705	2.0057	.03758	.15560	.00834	1174.2*	1.1741	.36137	I485-02
76	I485-03	206.16	.02991	.03248	.99377	.09682	.11014	.10596	571.91	.99331	.70465	I485-03
77	I485-04	321.30	.01027	.04734	1.3490	.00509	.10181	.00732	231.39	1.6467	.06566	I485-04
78	I485-05	235.25	.04823	.05032	1.2194	.00763	.15505	.00546	1220.0*	1.3469	.03061	I485-05
79	I485-06	281.30	.01317	.04327	1.3265	.00582	.13791	.00804	1063.6*	1.2239	.03938	I485-06
80	CC97	105.38	1.5345	1.0248	2.0345	1.6579	2.4899	2.0396	77.011	2.5472	.96079	CC97
81	CC87	.00763	.01971*	.00037	.00015	.00037	.00063	.00003	.00023	.00002	.00013	CC87
82	IP104948	.00672	.00137	.00046	.00027	.00035	.00036	.00007	.02866	-.00011	.00017	IP104948
83	IP104949	5.1342	2.8173	.53635	.51649	.52936	.53833	.52565	51.944	.51450	.49463	IP104949
84	IP104950	5.816.	2.8039	.54369	.51556	.51052	.56250	.52371	54.564	.51430	.49066	IP104950
85	I008-04A	5.0099	2.8423	.56916	.61166	.52658	.56462	.54352	81.568	.52576	.49715	I008-04A
86	I008-04	.01893	.00215	-.00017	.00495	.00017	.02538	.00009	30.536	.00742	.00117	I008-04
87	I008-04J	.00139	.01251	.00024	.01128	.00001	.00664	.00004	6.2073	.00142	.00028	I008-04J
88	I008-04M	5.0432	2.6215	.56239	.61161	.52553	.57460	.53176	83.690	.51875	.49383	I008-04M
89	I008-04S	5.9545	2.8401	.56535	.61500	.51271	.53238	.54364	85.513	.52196	.49970	I008-04S
90	I008-01	.02900	.02415	.00007	.00124	.00015	.00146	.00009	38.127	.01472	.00074	I008-01
91	I008-02	.01046	.00820	.00628	1.376	.00007	.00282	.00000	43.356	.01339	.00393	I008-02
92	CC98	103.15	1.5423	1.0421	2.0350	1.5307	2.4245	2.0421	77.267	2.5479	.96074	CC98
93	CC88	.01707	.00110*	.00029	.00042	.00013	.00197	.00015	.04473	.00013	.00021	CC88
94	I008-03	.01742	.00438	.00063	.00076	.00017	.00324	.00014	22.938	.01118	.00064	I008-03
95	I008-05	.00924	.00217	.01332	.17085	-.00003	.00371	-.00023	108.11	.00120	.00481	I008-05
96	I008-06	.00798	.00188	.00855	.08193	.00005	.00035	.00006	30.451	.00697	-.00002	I008-06
97	I008-07	.01174	.00148	-.00061	.08199	-.00005	.02934	.00004	18.979	.00459	.00202	I008-07
98	I431-01	.13957	.03882	.00674	.02392	-.00102	.49111	-.00038	48.001	.00369	.00010	I431-01
99	I195-01	1.6503	.00211	.00742	.03956	.00125	.22794	.00031	76.967	.00184	.00327	I195-01
100	I195-02	.03564	.00003	-.07078	.09785	-.07206	.15583	-.00001	93.094	.00155	.00086	I195-02
101	P386-01	.04638	.00015	.00070	.15501	-.00004	.20192	-.00001	25.076	.00334	-.00016	P386-01
102	H386-02	.01388	.00121	.00456	.24837	-.00004	.10014	-.00001	34.893	.00017	.00003	H386-02
103	H386-03	.01019	-.00845	.00991	.26177	-.00004	.10429	.00002	55.829	.00041	.00015	H386-03
104	CC99	107.59	1.5380	1.0364	2.0378	1.5301	2.4855	2.0485	77.079	2.5335	.96285	CC99
105	CC89	.00753	.00704*	.00045	.00120	.00007	.00132	.00007	.02896	.00004	.00016	CC89
106	H386-04	.01437	.00117	.12731	.14511	.00009	.52526	.00006	15.671	.00020	.00006	H386-04
107	H386-05	.00781	.00044	.00311	.25320	.00004	.09180	-.00001	59.731	.00006	.00042	H386-05
108	H386-06	.00552	.00028	.00326	.63564	-.00004	.09404	.00002	64.575	.00024	.00020	H386-06
109	H386-07	.00371	-.00049	.00753	.19164	-.00004	.05623	.00001	56.276	.00028	.00020	H386-07
110	H386-08	.00914	.00000	.00749	.18655	-.00002	.00361	-.00004	32.587	.00226	.00011	H386-08
111	H391-01	.01762	-.00006	.00092	.00380	-.00009	.03666	.00004	68.958	-.00006	.00016	H391-01

112	-091-02	.00367	-.00046	.00107	.00096	-.00004	.00089	.00017	.70759	.00013	.00021	H091-02
113	TCSA2	399.68	.00349	-.00263	.00029	-.00005	-.00160	-.00101	482.46	-.00051	.00121	TCSA2
114	TCSA2	396.62	1.0313	1.0312	.94127	.48239	.49751	1.0222	472.13	.47317	.48475	TCSA2
115	CC410	126.77	1.5328	1.5325	2.0768	1.5181	2.5137	2.0619	76.672	2.5395	.95446	CC410
116	CC810	.00878	.00649*	-.00019	.00029	.00015	.00153	.00016	.01299	.00075	.00016	CC810
117	IP1043W2	.00479	.00091	.00118	.00025	.00008	.00047	.00012	.02953	-.00003	.00015	IP1043W2
118	IP1043WX	5.4885	2.5430	.52516	.51416	.50298	.03805	.50107	51.994	.50243	.49061	IP1043WX
119	IP1043WY	5.8410	2.5711	.54291	.52125	.53931	.51114	.50472	52.109	.51235	.49252	IP1043WY
120	W7100250	.00429	.01175	.01254	.00552	-.00002	.00197	-.00001	.03255	.00062	-.00011	W7100250
121	1064-01A	57.096	5.0285	1.2195	1.0081	1.0285	1.0197	1.0079	74.754	1.0699	1.0118	1064-01A
122	1064-01C	45.236	.00777	.01061	.24847	.00054	.07013	.00052	24.249	.01322	.01058	1064-01C
123	1064-01D	9.7149	.00325	.00325	.04948	.00027	.01263	.00318	5.7824	.01264	.00081	1064-01D
124	1064-01M	53.525	.54168	.10605	.39415	.10039	.16184	.10336	38.222	.11923	.10814	1064-01M
125	1064-01S	52.120	.55454	.10976	.36781	.10792	.19163	.11251	37.678	.12934	.10695	1064-01S
126	1064-021	107.27	.00782	.02621	.15328	.00069	.10956	.00053	24.591	.02193	.00554	1064-021
127	CC411	107.07	1.5349	1.7402	7.0552	1.5241	2.4813	2.0553	76.697	2.5791	.95509	CC411
128	CC811	.01190	.00851*	.00112	.00896	.00013	.01104	.00014	.01314	.00025	.00019	CC811
129	IP1041S3	.01631	.00091	.00175	.00724*	.00016	.00890	.00011	.01612	.00009	.00015	IP1041S3
130	IP1041S_	6.0952	2.4503	.52184	.52212	.51436	.47187	.55040	51.384	.52242	.51265	IP1041S_
131	IP1041S2	6.2654	2.4616	.51174	.51156	.50580	.45190	.54008	50.879	.51169	.50283	IP1041S2
132	1068-01A	88.768	2.6031	.61645	1.2757	.52265	.43968	1.1254	176.82	.53057	.60715	1068-01A
133	1068-01	84.241	.03137	.08182	.76669	.00574	.01624	.67314	131.75	.12795	.11756	1068-01
134	1068-01J	17.014	.01031	.01769	.15012	.00129	.03232	.11707	27.106	.02576	.02091	1068-01J
135	1068-01M	90.999	1.7449	.55939	1.2425	.47700	.41037	1.0867	170.95	.57153	.56485	1068-01M
136	1068-01S	105.09	1.7966	.55962	1.2256	.47667	.41836	1.0651	166.89	.59462	.56475	1068-01S
137	1068-02	38.303	.00731	.11992	1.3518	.00498	.03017	1.4111	281.90	.18581	.06254	1068-02
138	1068-03	30.982	.00514	.06575	.21670	.00373	.02038	1.7996	242.51	.11818	.06563	1068-03
139	CC812	106.67	1.5356	1.7486	2.1706	1.5175	2.4868	2.0532	76.514	2.5371	.95512	CC812
140	CC812	.00871	.00954*	.00048	.00023	.00016	.00154	.00007	.00100	.00019	.00013	CC812
141	1068-04	34.183	.03765	.06542	.20317	.00429	.02538	.96959	324.79	.13534	.06673	1068-04
142	1068-05	25.853	.04466	.02428	.27264	.00550	.03089	2.2357	429.46	.13594	.04562	1068-05
143	1068-06	35.679	.01043	.04452	.53824	.00773	.07703	.71766	1896.9*	.21032	.02870	1068-06
144	1068-07	17.015	.04041	.06804	.23514	.00327	.02833	3.0415	191.81	.06523	.02562	1068-07
145	1068-08	35.594	.03128	.07076	.52761	.00521	.01667	1.7078	148.36	.11548	.05151	1068-08
146	1068-09	66.191	.05775	.07805	.65967	.00635	.02089	3.3624	232.28	.11235	.05789	1068-09
147	CC413	103.86	1.5315	1.6933	2.0507	1.5169	2.5124	2.1444	76.404	2.5478	.96579	CC413
148	CC813	.00676	.00707*	-.00048	.00092	.00011	.00120	.00006	-.00184	.00001	.00005	CC813
149	LSID	A7	5b	4b	3b	6b	B	C1	C2	C*	C0	LSID

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00060	.00001	.00002	.00005	-.00001	.00003	.00038	-.00052	.00015	.00001	Blank
2	S20			.20111			.31078					S20
3	S21			2.0431			1.1040					S21
4	S22	.27944	.04996									S22
5	S23	2.6942	1.9427									S23
6	S24							.72215				S24
7	S25							7.2610				S25
8	S26								.75963	.25125		S26
9	S27								.72254	2.4320		S27
10	S28					.10554						S28
11	S29					.43312						S29
12	S30				.32151						.30141	S30
13	S31				.32875						.30557	S31
14	ICV	2.5466	24.613	2.3951	.51012	58.460	2.3046	2.6244	2.5742	61.263	1.0375	ICV
15	ICB	.00012	.00444	.00039	-.00079	.01382	.00017	.00101*	-.00025	-.06690	-.00032	ICB
16	MRL11701	.03990	.20196	.01025	.10307	.93441	.01002	.01104	.01031	.90749	.01046	MRL11701
17	MRL11702	.01016	.10465	.00953	.09629	.23813	.00938	.01013	.01041	.91109	.00913	MRL11702
18	ICS41	-.00124	187.15	-.00103	.00382	187.27	.00145	-.00219	-.00119	-.14537*	.00121	ICS41
19	ICS42	.61203	185.28	.90254	1.0472	183.24	.40401	1.00001	.98717	.98.630	1.0345	ICS42
20	CCV1	2.5322	24.362	2.4006	.53796	57.734	2.2999	2.5301	2.5765	62.352	1.0425	CCV1
21	CCB1	-.00002	.00989	.00039	.00008	.01101	.00010	.00094*	-.00013	-.00029	.00017	CCB1
22	IPC04550	.00013	.00570	.00049	-.00167	.02443	.00026	.00019	.00016	-.09475	-.00067	IPC04550
23	IPC04551	.61872	6.2347	.51017	-.00111*	47.232	.48250	.54352	.54812	60.060	.50721	IPC04551
24	IPC04552	.49981	5.0277	.49307	.00394*	45.639	.46926	.52964	.53142	48.949	.49077	IPC04552
25	4380-064	.56687	93.862	.56382	.01337	55.456	.54157	.57704	.58886	57.120	.51253	4380-064
26	4380-065	.05359	99.090	.07064	.01392	12.160	.17079	.00123	.08196	5.1364	.00179	4380-065
27	4380-060	.00070	19.167	.01532	.00179	2.4866	.02493	.00009	.01620	.02556	.00000	4380-060
28	4661-097	.00092	.02674	.00236	.01424	152.41	.69759	-.00069	-.00034	9.4458	.00397	4661-097
29	1019-027	.00079	.50286	.00139	.01010	93.257	.69298	.00041	-.00024	5.2057	-.00210	1019-027
30	CCV2	2.5700	24.849	2.4047	.51371	57.475	2.2984	2.5369	2.5835	60.589	1.0403	CCV2
31	CCB2	.00011	.00169	.00031	-.00064	.01135	.00019	.00095*	.00026	-.00701	.00010	CCB2
32	IPC04453	.00015	.00179	.00043	-.00195	.02243	.00035	.00016	.00009	-.00128	.00003	IPC04453
33	IPC04451	.61562	6.1676	.61422	-.00101*	47.337	.49322	.54945	.55256	61.864	.51669	IPC04451
34	IPC04450	.50845	5.1775	.49880	-.00140*	46.944	.47675	.52983	.53575	49.375	.49705	IPC04450
35	1167-07A	.55451	127.20	30.622	.02037	56.164	1.5542	.51333	.53424	59.033	.47467	1167-07A
36	1167-07	.18097	163.40	10.652	.02364	13.591	1.6152	.00775	.04139	8.5418	-.00036	1167-07
37	1167-07[illegible]	[illegible]	47.739	4.0853	.00371	3.1474	.35554	.03241	.00748	1.5250	.00389	1167-07[illegible]
38	1167-07M	.64166	154.06	19.913	.02087	65.756	1.9921	.448.2	.54667	58.958	.47652	1167-07M
39	1167-07S	.60362	158.01	20.301	.02048	57.021	1.9906	.55605	.55719	58.971	.48307	1167-07S
40	1167-01	.09397	207.55	18.169	.02680	13.254	.52181	.06474	.04255	14.495	-.00261	1167-01
41	1167-02	.57645	141.97	.03149	.05762	41.091	1.6620	.00163	.05303	43.923	.00076	1167-02
42	CCV3	2.5669	25.317	2.4023	.51301	58.236	2.3018	2.6752	2.5809	61.012	1.0434	CCV3
43	CCB3	.00002	.00346	.00035	-.00021	.01875	.00007	.00103*	-.00007	-.09663	.00097	CCB3
44	1167-03	.09334	151.92	2.7179	.06073	28.159	2.1598	.00351	.05972	31.621	.00036	1167-03
45	1167-04	.07367	130.82	5.0581	.06721	28.553	1.9859	.00283	.06012	30.335	-.00047	1167-04
46	1167-05	.13054	177.62	34.158	.02456	14.173	2.8767	.00928	.04975	9.7750	.00044	1167-05
47	1167-06	.07647	184.96	.59636	.06669	33.172	1.5623	.00106	.05143	45.979	.00019	1167-06
48	1167-08	.02065	216.26	.24751	.02742	15.039	.24472	.00044	.04578	8.6462	-.00426	1167-08
49	1167-09	.01653	221.76	.43352	.01524	13.057	.71903	.00084	.03587	7.8243	-.00369	1167-09
50	1167-10	.01946	232.24	.40715	.02117	11.840	.66623	.00146	.04272	9.0091	-.00342	1167-10
51	1110-01	.10712	115.38	.01469	.04532	21.604	2.0463	.02068	.07638	19.744	.00274	1110-01
52	1110-03	.09450	150.76	.02245	.15440	28.303	2.7690	.01725	.11752	22.754	-.00161	1110-03
53	1110-05	.07535	172.26	.07505	.03550	17.693	1.3435	.00335	.07673	12.360	.00387	1110-05
54	CCV4	2.5162	24.372	2.3941	.51139	57.398	2.2791	2.5228	2.5751	62.375	1.0397	CCV4

55	C084	.00132	.00979	.03045	-.00188	.01640	.00111	.03106*	-.00015	-.08212	.00065	C084
56	[110-06	.03743	135.25	.02803	.07667	28.907	1.3159	.07161	.03948	16.635	.01495	[110-06
57	[110-09	.03422	134.93	.06659	.05526	31.128	2.3623	.01523	.03953	24.841	-.00006	[110-09
58	[158-01	.06778	296.44	.55176	.00184	4.9152	4.2174	.03896	.09843	4.4695	.00179	[158-01
59	[158-02	.05611	254.03	.38954	.12819	4.2471	3.5274	.02759	.09479	4.9693	.00153	[158-02
60	[158-03	.07918	268.03	.51214	.13885	5.4419	5.0153	.03849	.10938	5.0512	.00135	[158-03
61	[167-11	.12035	136.74	46.331	.31454	11.360	.74232	.10455	.13245	10.391	-.00132	[167-11
62	[169-06	.03556	97.775	.11342	.11559	15.421	1.2030	.00367	.09715	7.0154	.00326	[169-06
63	C075	2.6542	21.044	2.4027	.61365	59.039	2.3129	2.6258	2.6313	51.286	1.0013	C075
64	C085	-.00611	.00403	.00071	-.00059	.00131	.00013	.00129*	-.00022	-.09429	.00037	C085
65	IP105153	-.00119	.00161	.00095	-.00079	.00569	.00109	.00012	.00024	-.00178	.00020	IP105153
66	IP105151	.48466	4.8621	.48223	-.00084*	46.715	.45914	.52312	.50909	51.236	.49653	IP105151
67	IP105150	.49287	4.9570	.48562	-.00069*	47.435	.46729	.52026	.51579	51.590	.49367	IP105150
68	[485-01A	1.1572	464.03*	.76824	.04978	109.32	8.2457	.57926	1.4725	63.120	.53251	[485-01A
69	[485-01	.61619	483.25*	.31537	.03076	67.669	8.1095	-.00022	1.0406	10.925	.00112	[485-01
70	[485-01J	11353	38.947	.06489	.03649	14.106	1.7178	-.00015	.00731	1.9787	-.00193	[485-01J
71	[485-01N	1.2315	457.48*	.75172	.07072	91.547	10.017	.50248	1.5394	62.526	.51034	[485-01N
72	[485-01S	1.2584	480.58*	.82876	.05484	94.985	7.3475	.50540	1.5696	62.513	.51478	[485-01S
73	C076	2.5380	24.595	2.4210	.52951	57.850	2.2873	2.5368	2.6496	61.820	1.0449	C076
74	C086	.00000	.00480	.03245	-.00029	.00829	.00011	.00110*	-.00021	-.06442	.00055	C086
75	[485-02	.57948	477.71*	.19425	.07054	96.943	7.7054	-.00065	1.0651	17.281	-.00115	[485-02
76	[485-03	.46908	389.57	.26491	.04721	54.421	5.7935	-.00051	.82389	8.2894	-.00152	[485-03
77	[485-04	.55668	578.80*	.23036	.04559	46.449	8.4116	-.00024	1.1057	5.5389	.00003	[485-04
78	[485-05	.73427	511.07*	.52126	.07236	77.465	6.3439	.02253	1.0354	10.601	-.00152	[485-05
79	[485-06	.59607	465.13*	.36663	.07527	76.978	8.2983	-.00317	.99805	12.259	-.00156	[485-06
80	C077	2.4881	24.106	2.3899	.51151	58.425	2.2913	2.5136	2.5586	62.202	1.0389	C077
81	C087	-.07905	.01215	.00135	-.00033	.01131	.00018	.00109*	-.00021	-.10715	.00025	C087
82	IP104940	.00023	.03629	.00022	-.00049	.01982	.00009	.00025	-.00013	-.01794*	-.00069	IP104940
83	IP104941	.51817	5.1771	.52154	-.00168*	46.267	.48147	.52016	.52464	52.559	.52938	IP104941
84	IP104940	.52124	5.2250	.51152	-.00135*	51.947	.48705	.56891	.52482	55.251	.53747	IP104940
85	[108-04A	.53881	5.3205	.51301	.00022	63.116	.53814	.51627	.54554	54.755	.55828	[108-04A
86	[108-04	.01108	.03332	.00490	-.00038	20.082	.03432	.03052	.04351	1.7944	.00151	[108-04
87	[108-04J	.01015	.02202	.01127	-.00150	4.8971	.01092	.03077	.03339	.28091	.00020	[108-04J
88	[108-04H	.53165	5.2947	.50604	-.00051	72.769	.53808	.53981	.57275	53.516	.54652	[108-04H
89	[108-04S	.54276	5.3553	.51733	-.00067	71.595	.54019	.56282	.57812	57.972	.55863	[108-04S
90	[108-01	.03395	.03775	.03416	-.00111	22.231	.01737	.03096	.03018	2.7632	.00001	[108-01
91	[108-02	.03103	3.1362	.03394	-.00035	22.820	1.5649	.03110	.03867	2.3176	.00109	[108-02
92	C078	2.5695	24.635	2.4021	.57162	59.350	2.2779	2.5141	2.5731	59.075	1.0434	C078
93	C088	.01212	.00283	.00017	-.00030	.07156	.00017	.00129*	.00025	-.09269	.00027	C088
94	[108-03	.01123	.04421	.03941	-.00209	14.691	.11759	.10021	.12756	1.7789	.00152	[108-03
95	[108-05	.01367	7.3257	.00595	.00031	61.759	7.0257	.00139	.01344	3.4261	.00156	[108-05
96	[108-06	.00635	.01359	.00096	.00037	13.551	.01345	.00076	.02162	2.7973	.00211	[108-06
97	[108-07	.00052	.00649	.00351	-.00140	11.440	.00124	-.00002	.00061	1.8549	.00174	[108-07
98	[421-01	.04522	.11406	.00798	.14010	11.102	.01049	.00123	.00619	222.67	.00798	[421-01
99	[195-01	.00731	1.7801	.00724	.01519	20.469	.24579	.01947	.00664	6.4582	.00257	[195-01
100	[195-02	.00203	3.1223	.00301	.03150	21.993	.21659	.01125	.00367	5.1721	.02531	[195-02
101	H396-01	.00078	.17682	.00166	.03104	6.6147	.40608	.11463	.00261	15.619	-.00034	H396-01
102	H396-02	.00138	.07773	.00215	.03109	21.569	.35731	.05051	.00036	18.291	-.00015	H396-02
103	H396-03	.00171	.12155	.00202	.03147	22.939	.70020	.05234	.00113	13.652	.00054	H396-03
104	C079	2.5679	24.672	2.5360	.52122	58.246	2.2791	2.5435	2.5819	61.549	1.0382	C079
105	C089	.00036	.00166	.00042	-.00035	.01517	.00015	.00120*	-.00007	-.09241	-.00066	C089
106	H396-04	.00072	.29742	.00257	.03484	12.140	.23949	.02324	.00034	14.563	-.00043	H396-04
107	H396-05	.00065	1.5855	.00207	.03204	25.997	1.1631	.03465	.00044	14.540	-.00054	H396-05
108	H396-06	.00092	2.7089	.00246	.03041	31.431	.37509	.01568	.00220	12.271	-.00055	H396-06
109	H396-07	.00072	1.6121	.00396	.03283	26.861	1.0431	.03410	.00055	15.112	.00056	H396-07
110	H396-08	.00099	.65072	.00735	.03114	19.481	.73613	.03539	.00129	15.958	-.00093	H396-08
111	H391-01	.00241	.00325	.00045	.00007	.21641	.00860	.00020	.00319	.03130	-.00133	H391-01

112	+391-02	.01363	.00154	.00266	.00034	27074	.00022	.00709	.00011	19114	-.00091	+391-02	
113	10542	.00045	198.58	-.00059	.00034	199.41	.00551	-.00223	-.00176	-.11225	.00301	10542	
114	10542	.52672	166.31	.91436	1.0934	198.46	43427	1.0722	1.0039	82.069	1.0699	10542	
115	CC410	2.5744	24.580	2.4129	.52240	58.594	2.2657	2.5779	2.5932	62.796	1.0539	CC410	
116	CC410	.00526	.00197	.00863	-.00158	2.384	.00012	.00122*	-.00019	.05565	-.00020	CC410	
117	IP1043A0	.00032	.00509	.00015	-.00150	.02596	.00012	.00017	.00012	-.03339	-.00190	IP1043A0	
118	IP1043A7	.51662	5.0137	.49875	-.00112*	48.257	.46915	.52548	.51835	52.552	.51757	IP1043A7	
119	IP1043A7	.52599	5.1745	.50367	-.00135*	48.498	.47503	.52579	.52171	52.909	.53278	IP1043A7	
120	WT100250	.00082	.00419	.00033	-.00128	.00371	.00005	.00038	-.00022	.12522*	.00499*	WT100250	
121	1064-01A	1.1446	13.581	1.0100	.02022	49.580	2.5796	1.0547	1.0372	55.427	1.2184	1064-01A	
122	1064-011	.02559	2.1968	.01129	.02616	2.3997	1.6467	.01036	.01691	1.0589	.00399	1064-011	
123	1064-01J	.02593	.62720	.00320	.00125	.46085	.52798	.00047	.00241	.16066	.00287	1064-01J	
124	1064-01M	.13698	4.6089	.11564	.00314	11.749	1.9538	.10679	.12317	12.552	.12852	1064-01M	
125	1064-01S	.14052	4.6741	.12423	.00794	11.937	1.9349	.10916	.12668	12.632	.13261	1064-01S	
126	1064-021	.02792	4.7471	.01303	.00399	3.6293	2.7187	.00473	.02739	1.2438	.00981	1064-021	
127	CC411	2.5712	24.723	2.4047	.52119	57.593	2.2524	2.5524	2.5565	62.531	1.0473	CC411	
128	CC411	.00028	.00456	.00022	-.00101	.01712	.00020	.00119*	-.00215	-.05535	.00042	CC411	
129	IP1041S9	.00004	.00255	.00037	.00141	.02041	.00036	.00021	.00017	-.06526	-.00086	IP1041S9	
130	IP1041S1	.53245	5.2138	.50919	-.00153*	47.033	.47645	.54918	.54951	51.322	.51047	IP1041S1	
131	IP1041S0	.51393	5.1226	.49845	.00105*	46.460	.45859	.54333	.54356	50.303	.50014	IP1041S0	
132	1068-01A	.31737	161.10	5.6490	.04018	96.642	3.2808	.03604	.07725	61.544	.32551	1068-01A	
133	1068-01	.27598	164.97	5.5684	.04300	58.525	7.3173	.00749	.17163	5.5709	.00429	1068-01	
134	1068-01J	.09444	93.439	1.1275	.00670	10.001	.55534	.00166	.02324	1.5787	.00653	1068-01J	
135	1068-01M	.75743	166.61	5.3120	.03926	91.563	3.1567	.48426	.65318	58.024	.45772	1068-01M	
136	1068-01S	.76298	163.69	5.3221	.05044	90.953	3.0783	.49590	.65586	57.757	.45769	1068-01S	
137	1068-02	25.094	165.16	71.499	.02303	58.326	2.6692	.04390	.26073	4.3213	.01185	1068-02	
138	1068-03	7.1330	177.49	64.527	.01994	59.993	2.4169	.00671	.17541	3.3697	.00535	1068-03	
139	CC412	2.5782	24.747	2.4061	.52765	57.592	2.2562	2.5703	2.5555	62.543	1.0525	CC412	
140	CC412	.00021	.00387	.00039	-.00101	.01376	.00019	.00178*	.00022	-.07051	.00022	CC412	
141	1068-04	2.2949	118.78	85.287	.02212	67.715	2.5716	.00620	.13016	4.5711	.00473	1068-04	
142	1068-05	.94696	136.50	53.713	.01732	107.99	2.4891	.00819	.22855	4.2864	.00391	1068-05	
143	1068-06	.12591	67.990	4.7183	.00327	26.599	1.3025	.00370	.17017	13.402	.00589	1068-06	
144	1068-07	.51794	89.797	99.315	.01290	72.035	1.2171	.01035	.14242	3.6391	.01561	1068-07	
145	1068-08	.45237	122.41	42.043	.02946	47.163	1.3053	.00271	.13947	5.2856	.00134	1068-08	
146	1068-09	.79703	187.61	56.319	.03646	59.246	2.6715	.00558	.30752	4.7674	.00851	1068-09	
147	CC413	2.5712	24.423	2.4061	.53741	58.376	2.2613	2.5779	2.5562	63.533	1.0570	CC413	
148	CC413	.00009	.00709	.00049	.00126	.01548	.00028	.00119*	-.00021	-.06169	-.00039	CC413	
149	[illegible]	Cu	Fe	Pb	[illegible]	Mg	Mn	Mo	Ni	P	Se	[illegible]	

INDEX	LSID	Ag	As	Sr	Cd	Sn	Tl	P	Zn	LSID
1	Blank	.00011	.07322	-.00323	-.00134	.00132	.00309	-.00031	.00111	Blank
2	S20									S20
3	S21									S21
4	S22							.19339		S22
5	S23							1.2834		S23
6	S24		.37516							S24
7	S25		4.4669							S25
8	S26									S26
9	S27									S27
10	S28				.12304					S28
11	S29				1.1392					S29
12	S30	.03934		.11329		.02462	.01438		.63824	S30
13	S31	.19429		.56331		.11937	.07330		5.9177	S31
14	ICV	.60523	63.576	.48777	2.3402	.49624	.48941	1.4939	2.7342	ICV
15	ICB	.00106	-.07776	.00015	.00116	.00037	.00064	.00004	.00136	ICB
16	MRL11701	.01004	.03821	.01014	.00162	.00118	.01004	.01017	.01110	MRL11701
17	MRL11702	.00947	.04653	.01049	.01111	.01020	.00387	.01017	.02257	MRL11702
18	ICSA1	-.00016	-.01799	.00036	-.00030	.00124	-.00579*	-.00063	.00282	ICSA1
19	ICSA81	1.0954	80.991	.47712	.88531	.96395	.93598	.47676	1.0280	ICSA81
20	CCV1	.50539	63.178	.48517	2.3851	.49510	.48736	1.5064	2.6685	CCV1
21	CCB1	-.00011	-.07482	.00013	.00161	.00045	.00037	.00010	.00300	CCB1
22	IPI04050	.00013	-.03403	.00051	.00141	.00167	.00026	.00001	.00140	IPI04050
23	IPI04051	.49959	52.506	.47735	.51119	.54367	.50597	.52540	.59099	IPI04051
24	IPI04057	.47948	50.723	.46167	.48949	.52293	.49795	.51014	.59149	IPI04057
25	H330-064	.48221	57.534	.23766	.49647	.53081	.52431	.53874	.59334	H330-064
26	H330-064	-.00004	5.1223	.43524	.00126	.00793	.76200	.15374	.32960	H330-064
27	H330-065	-.00015	1.1553	.08890	.00944	.00783	.15308	.03100	.07444	H330-065
28	H661-091	-.00003	1154.97*	3.6007	-.00055	.00079	-.00481	.00013	.00247	H661-091
29	1019-027	-.00049	610.54	2.8289	-.00038	.00119	.00393	-.00062	.00386	1019-027
30	CCV2	.50522	64.421	.46397	2.4047	.49613	.48663	1.4915	2.6563	CCV2
31	CCB2	.00008	-.01369	.00114	.00143	.00142	.00045	.00011	-.00014	CCB2
32	IPI04458	.00015	.00600	.00158	.00197	.00168	.00012	-.00009	.00123	IPI04458
33	IPI04451	.50233	52.632	.48066	.51518	.54589	.51240	.53427	.60027*	IPI04451
34	IPI04452	.48321	51.711	.46810	.50222	.53695	.49582	.51357	.59460	IPI04452
35	I167-074	.45647	53.469	.08417	.45475	.53373	4.2247	1.0135	.39665	I167-074
36	I167-077	.00119	1.4414	.07579	-.00159	.04292	3.5471	.57168	.39198	I167-077
37	I167-071	.00032	.20014	.02489	-.00012	.00875	5.421	.11145	.36477	I167-071
38	I167-078	.48423	53.109	.57388	.46906	.51870	4.2415	1.0507	.79166	I167-078
39	I167-075	.49420	54.162	.58262	.47973	.52937	4.3171	1.0838	.80836	I167-075
40	I167-01	.00562	1.9541	.06749	-.00050	.00636	5.6675	.81530	.00429	I167-01
41	I167-02	.00117	2.6282	.11223	.00354	.03097	11.284	.57329	.34841	I167-02
42	CCV3	.50562	64.227	.48376	2.4076	.50486	.49175	1.4940	2.6753	CCV3
43	CCB3	.00037	-.02229	.00815	.00121	.00335	.00230	.00003	.00311	CCB3
44	I167-03	.00173	2.1049	.13767	.00107	.04311	8.3617	.64514	.33476	I167-03
45	I167-04	.00142	1.9951	.14715	-.00015	.03328	7.3724	.58812	.36818	I167-04
46	I167-05	.00335	1.8119	.31260	-.00120	.00947	4.3094	.65460	.74252	I167-05
47	I167-06	.00410	2.3072	.11974	.00364	.01214	10.758	.63629	.33994	I167-06
48	I167-08	.00237	2.5075	.30181	-.00106	.02836	5.1123	1.1700	.12213	I167-08
49	I167-09	.00142	3.3251	.03841	-.00121	.02431	4.9274	.65930	.13668	I167-09
50	I167-10	.00198	2.6626	.03915	-.00149	.02045	6.8267	1.0630	.12194	I167-10
51	I110-01	.00000	1.3212	.13243	-.00071	.01913	4.4596	.38181	.30771	I110-01
52	I110-03	.00012	2.6300	.22322	.00380	.02900	8.3252	.28911	.40021	I110-03
53	I110-05	.00035	5.8955	.26142	.00002	.04825	3.7281	.17896	.23318	I110-05
54	CCV4	.50414	63.369	.48436	2.3811	.49649	.48544	1.5003	2.6670	CCV4

55	2094	-.00015	-.11757*	.00012	.01104	.00121	.00145	.00109	-.00017	0094	
56	1110-08	.00325	2.1247	.31993	.10366	.02248	4.5235	.23191	.31966	1110-08	
57	1110-09	.01177	3.2028	.52995	.01136	.02041	5.3987	.24549	.43055	1110-09	
58	1155-01	.71112	.05131	.07952	.00583	.04833	1.1743	.47482	4.2017	1155-01	
59	1156-02	.00118	.02704	.04657	.00067	.04039	.36869	.15689	3.1953	1156-02	
60	1156-03	.00131	.06359	.08644	.00167	.04113	1.0966	.44372	3.1483	1156-03	
61	1163-01	.00275	3.4594	.03518	-.00108	.06842	3.6937	.51521	.32476	1163-01	
62	1168-06	-.00124	1.7791	1.6751	-.00368	.03464	.34761	.05063	5.4825	1168-06	
63	2095	.50567	55.052	.49142	2.4034	.49958	.49151	1.4961	2.5722	2095	
64	2089	-.00024	-.11307*	.00017	.00136	.00065	.00071	.01009	-.00262	2089	
65	1P1106B	.00056	-.09529	.07130	.00150	.00372	-.00056	.00001	.00338	1P1106B	
66	1P1106L	.47543	52.046	.46191	.48462	.03741	.19903	.53056	.56104	1P1106L	
67	1P1106C	.48178	52.723	.46798	.49237	.02225	.50067	.53673	.56222	1P1106C	
68	1486-014	.53509	58.717	7.6370	.45457	.02622	25.632	1.0337	1.0339	1486-014	
69	1486-01	.03368	14.983	7.4791	-.00066*	.03507	29.416	1.0754	1.0342	1486-01	
70	1486-012	.00051	2.3369	1.5142	.00086	.00378	6.0156	.26245	.26512	1486-012	
71	1486-01M	.57532	66.714	7.9817	.44345	.02.46	29.751	1.0498	1.7966	1486-01M	
72	1486-015	.57524	63.340	8.8551	.44620	.02973	31.466	2.0011	2.7326	1486-015	
73	2096	.50354	63.349	.46765	2.4062	.49539	.50124	1.4397	2.5682	2096	
74	2086	-.00005	-.11437*	.00016	.00124	.00027	.00557*	.00005	-.00044	2086	
75	1486-02	.00372	36.505	18.069	-.00843*	.03926	29.840	1.4042	.83165	1486-02	
76	1486-03	.00238	13.656	9.5428	-.00709*	.04453	74.843	1.0923	.97181	1486-03	
77	1486-04	.00465	11.512	4.1146	.00156*	.06825	35.587	1.6419	.90317	1486-04	
78	1486-05	.00447	21.604	17.501	-.00835*	.04889	29.544	1.5711	1.6611	1486-05	
79	1486-06	.00414	23.177	14.430	-.00696*	.04543	32.162	1.4194	1.2155	1486-06	
80	2097	.50949	54.051	.48625	2.3790	.49157	.50602	1.5165	2.3334	2097	
81	2087	.00016	-.12306*	.00609	.00157	.00253	.00643*	.00002	-.00037	2087	
82	1P1049W	.00070	-.12122*	.00603	.00155	.00305	.00174	.00076	-.00055	1P1049W	
83	1P1049W1	.52551	54.399	.45213	.51825	.51669	.59612	.51863	.55696	1P1049W1	
84	1P1049W2	.52150	57.055	.52320	.52081	.54534	.56011	.51662	.55428	1P1049W2	
85	1009-04A	.51539	164.23	.25552	.51402	.50569	.51296	.52210	.53620	1009-04A	
86	1009-04	.00024	112.75	.37746	.00291	.00032	.00115	.00115	.07600	1009-04	
87	1009-04J	.00003	27.777	.37690	.00035	.00092	.00054	.00019	.00431	1009-04J	
88	1009-04M	.54229	172.31	.39264	.51245	.51860	.53118	.51514	.55097	1009-04M	
89	1009-04S	.54760	174.17	.30131	.51917	.54661	.55274	.51979	.59199	1009-04S	
90	1009-01	.00063	116.52	.51613	.00152	.00.76	.00066	.00066	.11639	1009-01	
91	1009-02	-.00001	91.535	.5.345	.00156	.00068	-.00013	.00077	.12254	1009-02	
92	2098	.51054	55.705	.48235	2.4153	.47052	.49858	.4990	2.6654	2098	
93	2088	.00001	-.09319	.00010	.00196	.00030	.00048	.00035	.00210	2088	
94	1009-03	.00002	67.865	.29437	.00118	.00015	.00031	.00067	.02056	1009-03	
95	1009-05	.00053	141.21	1.2459	.00462	.00009	-.00072	-.00003	.02600	1009-05	
96	1009-06	-.00003	83.518	.38983	.00124	.00011	-.00043	.00011	.02787	1009-06	
97	1009-07	.00009	59.706	.24772	.00149	.00035	.00034	.00110	.00342	1009-07	
98	1491-01	.00891	*****	.1655	.07417	.01524	.00118	.00042	.15725	1491-01	
99	1195-01	-.00014	242.37	.59663	.00124	-.00035	.04059	.01253	.00174	1195-01	
100	1195-02	-.00019	172.17	.53675	.00186	.00049	.00051	.00011	.16326	1195-02	
101	H386-01	-.00037	158.85	.52255	.00116	.00021	.00051	.00001	.00201	H386-01	
102	H386-02	-.00014	115.78	.52338	.00101	.00003	-.00037	-.00009	.00309	H386-02	
103	H386-03	.00007	100.97	.69947	.00121	.00015	.00028	-.00011	.01349	H386-03	
104	2099	.50871	65.585	.49147	2.4113	.49340	.49181	1.4951	2.6515	2099	
105	2089	-.00001	.09845	.00012	.00166	.00041	.00072	.00006	.00022	2089	
106	H386-04	-.00005	190.47	.16919	.00119	.00005	.00007	.00025	.00472	H386-04	
107	H386-05	-.00006	39.771	.49636	.00205	.00014	-.00055	.00030	.00379	H386-05	
108	H386-06	-.00006	74.804	.35150	.00083	.00035	-.00061	-.00021	.00384	H386-06	
109	H386-07	-.00013	94.021	.48616	.00013	.00040	-.00012	-.00023	.00678	H386-07	
110	H386-08	.00001	184.18	.29315	.00167	.00016	-.00004	.00020	.00166	H386-08	
111	H391-01	.00006	3.8015	.00478	.00769	.00021	-.00008	.00036	.00415	H391-01	

112	-.591-02	.00014	4.5018	.50706	.00140	.69026	-.00019	-.0.002	.00771	1.391-02	
113	IC542	.00075	.17934	.00906	.00126	.10069	-.00425	-.00073	.00275	IC5A2	
114	IC5A62	1.0972	95.562	.49450	.92204	.06725	.50965	.48105	1.0384	IC5A62	
115	CC710	.50924	55.219*	.49775	2.4510	.49550	.50092	1.4945	2.6632	CC711	
116	CC810	.50011	.0046	.00710	.00181	.00048	.00046	.00011	.00000	CC810	
117	[P1043W1	.00019	-.04697	.00117	.00192	.00009	.00007	.00002	-.00526	[P1043W1	
118	[PT043W	.00012	55.125	.45002	.51325	.50813	.51576	.50489	.55705	[P1043W1	
119	[P1043WY	.51693	55.901	.48626	.52979	.55692	.51637	.52156	.55517	[P1043WY	
120	WT00250	.00007	622.73*	.0.000	-.00355	.00127	.00071	.00001	.00016	WT00250	
121	1064-014	1.0694	622.09	1.1106	1.9013	1.0551	1.1177	1.0540	3.3023	[064-014	
122	1064-011	.00003	551.12	.19721	-.00239	.00126	.05973	.01766	2.1013	1064-011	
123	1064-013	.00111	174.55	.03947	.00026	.00161	.01547	.00263	.41322	1064-013	
124	1064-014	.03653	649.93	.22247	.09274	.10406	.21367	.12246	2.5828	1064-014	
125	1064-015	.11217	635.59	.31919	.09656	.10703	.21403	.12391	2.5767	1064-015	
126	1064-021	.05009	594.81	.41436	-.00263	.00802	.03678	.02325	.27351	1064-021	
127	CC411	.57103	65.652	.49629	2.4713	.49716	.49508	1.4947	2.6670	CC411	
128	CC811	.01305	.03144	.00074	.00116	.00097	.00064	.00008	.00032	CC811	
129	[P104153	.00025	-.00225	.00041	.50267	.10035	-.00015	.00000	.00030	[P104153	
130	[P104151	.49754	54.016	.48227	.51569	.53909	.51241	.52353	.59278	[P104151	
131	[P104150	.48551	53.411	.47523	.50392	.52916	.50462	.51408	.59736	[P104150	
132	[068-01A	.49977	55.836	.61257	.00287	.54770	1.3542	.72062	83.890*	1068-01A	
133	1068-01	.00040	.99469	.12382	-.00054	.35409	.87621	.21456	94.990*	1068-01	
134	1068-011	-.00107	.52949	.03669	.00097	.01067	.17024	.04364	21.243	1068-011	
135	1068-01*	.47042	52.322	.57187	.45262	.51599	1.2372	.66820	84.601*	[068-01*	
136	1068-015	.47559	52.047	.58339	.45225	.55471	1.2593	.69216	82.760*	[068-015	
137	1068-02	.01581	.61417	.20013	-.00047	.48061	.50650	.13652	134.18*	1068-02	
138	1068-03	.00172	.47500	.19782	.00162	.06772	.44628	.11865	140.04*	1068-03	
139	CC412	.50817	66.283*	.49769	2.4455	.49493	.49640	1.4936	2.5643	CC412	
140	CC812	.00036	-.05955	.00115	.00122	.00011	.00068	.00000	.00129	CC812	
141	1068-04	.00219	.66292	.21657	-.00009	.08515	.49263	.13225	160.69*	1068-04	
142	1068-05	.00241	.70716	.24687	-.00095	.09151	.53147	.10744	159.31*	1068-05	
143	1068-06	-.00137	1.2133	1.4555	.00379	.03645	.17005	.11837	35.373	1068-06	
144	1068-07	.00272	.48119	.12195	-.00074	.11001	.22912	.07462	172.71*	1068-07	
145	1068-08	.00004	.41611	.13280	.00046	.04959	.62900	.15188	142.91*	1068-08	
146	1068-09	.00246	.53509	.19606	.00743	.07492	1.1054	.17658	16.04*	1068-09	
147	CC413	.51266	66.908*	.49927	2.4486	.49681	.50372	1.5009	2.5803	CC413	
148	CC813	-.00004	-.05463	.00003	.00151	.00005	.00049	.00014	.00201	CC813	
149	SSID	A2	W	S	I	Sn	T1	V	Zn	LSID	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/14/10 15:24

End Date: 9/15/10 08:10

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

MRLI1601: As 123% Recovery
MRLI1602: As 112% Recovery

H661-09 Na "k value" CaZnR
I014-02 Na "k value" CaZnR
CCV17 TAs TSe

Book #: AD8-016

Instrument No.: D8

Analytical Batch: 1081016

Analytical Sequence: S1016010 (024)

Method File: 1016010 (024)

Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-02-03
S1	NA	S31	↓ 02-04
S2		ICV	SMIB12-04-02
S3		CCV	SMIB14-04-02
S4		ICSA	↓ 05 02
S5		ICSAB	↓ 0303
S6		SRI/MRL 1	SMIB12 8501
S7		LCV MRL2	↓ 8502
S8		MLCV	
S9			
S10			
S11			
S12			
S16			
S17			
S18	↓		
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	↓ 01-02		
S23	01-03		
S24	01-04		
S25	↓ 01-05		
S26	SMIB12-100-02		
S27	↓ 100-03		
S28	SMIB14-02-01		
S29	↓ 02-02		

Analyzed By: TH

Date: 9/15/10

SECURE FILE . ID81016

4-18	19-33	34-43	44-53	54-63
FILE	LST	TIME	DATE	P
ID81016001	B [illegible]	15:24	09/14/10	1.000
ID81016002	S20	15:29	09/14/10	1.000
ID81016003	S21	15:34	09/14/10	1.000
ID81016004	S22	15:38	09/14/10	1.000
ID81016005	S23	15:44	09/14/10	1.000
ID81016006	S24	15:50	09/14/10	1.000
ID81016007	S25	15:55	09/14/10	1.000
ID81016008	S26	16:02	09/14/10	1.000
ID81016009	S27	16:06	09/14/10	1.000
ID81016010	S28	16:11	09/14/10	1.000
ID81016011	S29	16:16	09/14/10	1.000
ID81016012	S30	16:21	09/14/10	1.000
ID81016013	S31	16:26	09/14/10	1.000
ID81016014	[illegible]	16:31	09/14/10	1.000
ID81016015	KB	16:36	09/14/10	1.000
ID81016016	HRL1601	16:41	09/14/10	1.000
ID81016017	HRL1602	16:46	09/14/10	1.000
ID81016018	IOSA1	16:51	09/14/10	1.000
ID81016019	IOSAB1	16:56	09/14/10	1.000
ID81016020	2001	17:05	09/14/10	1.000
ID81016021	2031	17:10	09/14/10	1.000
ID81016022	IP1045#5	17:15	09/14/10	1.000
ID81016023	2222777	17:20	09/14/10	1.000
ID81016024	2222222	17:25	09/14/10	1.000
ID81016025	1061-01A	17:31	09/14/10	1.000
ID81016026	1051-01	17:35	09/14/10	1.000
ID81016027	1051-01J	17:40	09/14/10	6.200
ID81016028	1051-01M	17:46	09/14/10	1.000
ID81016029	1051-01S	17:50	09/14/10	1.000
ID81016030	1166-01	17:56	09/14/10	1.000
ID81016031	1166-02	18:02	09/14/10	1.000
ID81016032	C072	18:09	09/14/10	1.000
ID81016033	C052	18:14	09/14/10	1.000
ID81016034	1031-01	18:19	09/14/10	1.000
ID81016035	1043-07	18:25	09/14/10	1.000
ID81016036	1043-03	18:30	09/14/10	1.000
ID81016037	1043-04	18:35	09/14/10	1.000
ID81016038	1043-05	18:40	09/14/10	1.000
ID81016039	H561-09	18:46	09/14/10	1.000
ID81016040	H561-10	18:51	09/14/10	1.000
ID81016041	H633-02	18:56	09/14/10	1.000
ID81016042	H633-04	19:02	09/14/10	1.000
ID81016043	H633-05	19:07	09/14/10	1.000
ID81016044	C043	19:16	09/14/10	1.000
ID81016045	C082	19:21	09/14/10	1.000
ID81016046	IC06-01	19:26	09/14/10	1.000
ID81016047	IC05-02	19:31	09/14/10	1.000
ID81016048	IC05-03	19:36	09/14/10	1.000
ID81016049	IC05-03N	19:41	09/14/10	1.000
ID81016050	IC06-03S	19:45	09/14/10	1.000
ID81016051	IC05-06	19:51	09/14/10	1.000
ID81016052	IC05-02	19:56	09/14/10	1.000
ID81016053	5013-03	20:02	09/14/10	1.000
ID81016054	1013-04	20:07	09/14/10	1.000

108101655	CCv4	20:17	09/14/10	1.000
108101656	CC34	20:22	09/14/10	1.000
108101657	IPIC4540	20:27	09/14/10	1.000
108101658	IPIC4540	20:32	09/14/10	1.000
108101659	ICS47	20:41	09/14/10	1.000
108101660	ICS482	21:46	09/14/10	1.000
108101661	CC45	20:55	09/14/10	1.000
108101662	CCB5	21:00	09/14/10	1.000
108101663	IPI04058	21:05	09/14/10	1.000
108101664	IPI04050	21:10	09/14/10	1.000
108101665	IPI04050	21:15	09/14/10	1.000
108101666	H365-21A	21:20	09/14/10	1.000
108101667	H365-21	21:25	09/14/10	1.000
108101668	H365-21J	21:30	09/14/10	5.000
108101669	H365-21P	21:35	09/14/10	1.000
108101670	H365-21S	21:40	09/14/10	1.000
108101671	H365-06	21:45	09/14/10	1.000
108101672	CC46	21:53	09/14/10	1.000
108101673	CC86	21:58	09/14/10	1.000
108101674	IPI03958	22:04	09/14/10	1.000
108101675	IPI03950	22:09	09/14/10	1.000
108101676	IPI03950	22:14	09/14/10	1.000
108101677	H365-21A	22:19	09/14/10	1.000
108101678	H365-21	22:23	09/14/10	1.000
108101679	H365-21J	22:28	09/14/10	5.000
108101680	H365-21P	22:33	09/14/10	1.000
108101681	H365-21S	22:39	09/14/10	1.000
108101682	H365-02	22:43	09/14/10	1.000
108101683	H365-03	22:48	09/14/10	1.000
108101684	CC97	22:53	09/14/10	1.000
108101685	CC97	22:02	09/14/10	1.000
108101686	H365-04	23:07	09/14/10	1.000
108101687	H365-05	23:12	09/14/10	1.000
108101688	H365-06	23:17	09/14/10	1.000
108101689	H365-07	23:22	09/14/10	1.000
108101690	H365-08	23:27	09/14/10	1.000
108101691	H365-09	23:32	09/14/10	1.000
108101692	H365-10	23:37	09/14/10	1.000
108101693	H365-11	23:42	09/14/10	1.000
108101694	H365-12	23:47	09/14/10	1.000
108101695	H365-13	23:52	09/14/10	1.000
108101696	CC98	00:01	09/15/10	1.000
108101697	CC99	00:06	09/15/10	1.000
108101698	H365-14	00:11	09/15/10	1.000
108101699	H365-15	00:16	09/15/10	1.000
108101700	H365-16	00:22	09/15/10	1.000
108101701	H365-17	00:26	09/15/10	1.000
108101702	H365-18	00:31	09/15/10	1.000
108101703	H365-19	00:36	09/15/10	1.000
108101704	H365-20	00:41	09/15/10	1.000
108101705	CC49	00:50	09/15/10	1.000
108101706	CC89	00:55	09/15/10	1.000
108101707	IPI04155	01:00	09/15/10	1.000
108101708	IPI04150	01:05	09/15/10	1.000
108101709	IPI04150	01:10	09/15/10	1.000
108101710	H368-01A	01:15	09/15/10	10.00
108101711	H368-01T	01:20	09/15/10	10.00

1081016112	1068-01D	01:25	09/15/10	50.00
1081016113	1068-02T	01:30	09/15/10	10.00
1081016114	1068-03T	01:35	09/15/10	10.00
1081016115	1068-04T	01:42	09/15/10	10.00
1081016116	1068-05T	01:46	09/15/10	10.00
1081016117	0C410	01:54	09/15/10	1.000
1081016118	0C812	01:59	09/15/10	1.000
1081016119	1068-06T	02:04	09/15/10	10.00
1081016120	1068-07T	02:09	09/15/10	10.00
1081016121	1068-08T	02:14	09/15/10	10.00
1081016122	1068-09T	02:19	09/15/10	10.00
1081016123	H638 171	02:24	09/15/10	10.00
1081016124	H638 197	02:29	09/15/10	10.00
1081016125	0CW11	02:35	09/15/10	1.000
1081016126	0CB11	02:43	09/15/10	1.000
1081016127	H354-06A	02:45	09/15/10	5.000
1081016128	H354-06T	02:52	09/15/10	5.000
1081016129	H354-06J	02:58	09/15/10	25.00
1081016130	H354-06M	03:04	09/15/10	5.000
1081016131	H354-06S	03:09	09/15/10	5.000
1081016132	H354-06T	03:14	09/15/10	5.000
1081016133	H354-06M	03:19	09/15/10	5.000
1081016134	H354-06S	03:24	09/15/10	5.000
1081016135	0CW12	03:30	09/15/10	1.000
1081016136	0CB12	03:38	09/15/10	1.000
1081016137	[illegible]	03:43	09/15/10	1.000
1081016138	[illegible]	03:48	09/15/10	1.000
1081016139	[illegible]	03:53	09/15/10	1.000
1081016140	1714-01A	03:58	09/15/10	1.000
1081016141	1714-01	04:03	09/15/10	1.000
1081016142	1714-01D	04:09	09/15/10	1.000
1081016143	1714-01J	04:14	09/15/10	5.000
1081016144	1714-01M	04:19	09/15/10	1.000
1081016145	1714-01S	04:25	09/15/10	1.000
1081016146	0C413	04:30	09/15/10	1.000
1081016147	0CB13	04:35	09/15/10	1.000
1081016148	0C513	04:44	09/15/10	1.000
1081016149	0C513	04:49	09/15/10	1.000
1081016150	0C714	04:58	09/15/10	1.000
1081016151	0CB14	05:03	09/15/10	1.000
1081016152	1036-01	05:08	09/15/10	1.000
1081016153	1036-02	05:13	09/15/10	1.000
1081016154	1036-03	05:18	09/15/10	1.000
1081016155	1036-04	05:24	09/15/10	1.000
1081016156	1036-05	05:29	09/15/10	1.000
1081016157	1036-06	05:34	09/15/10	1.000
1081016158	1036-07	05:39	09/15/10	1.000
1081016159	1036-08	05:44	09/15/10	1.000
1081016160	1036-09	05:49	09/15/10	1.000
1081016161	1036-10	05:55	09/15/10	1.000
1081016162	0C715	06:04	09/15/10	1.000
1081016163	0CB15	06:09	09/15/10	1.000
1081016164	1036-11	06:14	09/15/10	1.000
1081016165	1036-12	06:19	09/15/10	1.000
1081016166	1036-13	06:24	09/15/10	1.000
1081016167	1036-14	06:29	09/15/10	1.000
1081016168	1036-15	06:34	09/15/10	1.000

1D8IC16169	1036-16	06:39	09/15/10	1.000
1D8IC16170	1036-17	06:45	09/15/10	1.000
1D8IC16171	1036-18	06:50	09/15/10	1.000
1D8IC16172	CCV16	06:59	09/15/10	1.000
1D8IC16173	CCB16	07:04	09/15/10	1.000
1D8IC16174	IP1043WE	07:09	09/15/10	1.000
1D8IC16175	IP1043WL	07:14	09/15/10	1.000
1D8IC16176	IP1043WC	07:19	09/15/10	1.000
1D8IC16177	W1C0269	07:24	09/15/10	1.000
1D8IC16178	1064-01A	07:29	09/15/10	5.000
1D8IC16179	1064-01T	07:34	09/15/10	5.000
1D8IC16180	1064-01J	07:39	09/15/10	25.00
1D8IC16181	1064-01M	07:44	09/15/10	5.000
1D8IC16182	1064-01S	07:49	09/15/10	5.000
1D8IC16183	1064-02T	07:54	09/15/10	5.000
1D8IC16184	CCV17	08:05	09/15/10	1.000
1D8IC16185	CCB17	08:10	09/15/10	1.000

VERSION : 10A UNIT : % SUMMARY of ICV and CCV 1081018 DATE 03/04/10 INST : ENA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S34	109	104	104	101	104	100	103	105	107	96	100	97	96	103	98	95	102	103	105	105	102	107	96	95	99	101	101	107
IC8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL21601	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL21602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB	109	----	----	----	----	----	----	97	----	----	----	92	----	----	94	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	101	104	105	104	98	96	101	96	94	92	101	91	91	106	93	89	101	99	106	105	107	109	96	89	97	97	97	104
CCV1	107	104	105	102	104	103	103	104	107	95	99	96	96	103	97	94	102	103	104	106	102	107	98	96	99	101	101	108
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1045W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2222222	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2222222	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	103	101	103	101	104	99	103	105	102	94	98	96	96	102	99	94	101	102	104	105	104	105	97	95	99	101	102	109
CCB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1091-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H661-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H661-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	109	104	105	101	104	100	103	107	104	95	99	100	96	102	100	94	100	102	103	105	102	107	97	94	99	100	102	109
CCB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CCV4	108	104	106	102	103	101	103	107	105	96	99	100	95	103	99	95	101	103	104	106	103	109	99	95	100	100	102	106
CCB4																												
IP1045WL																												
IP1045WC																												
ICSA2	98							97				96			91													
ICSA82	98	102	107	106	95	97	100	96	95	91	100	92	93	106	91	89	100	99	107	105	107	111	97	89	96	95	96	104
CCV5	106	104	106	103	102	102	103	106	105	96	98	99	95	104	99	94	101	102	107	107	103	109	99	95	98	101	103	107
CCB5																												
IP1045S																												
IP1045L																												
IP1045C																												
H365-21A																												
H365-21																												
H365-21J																												
H365-21M																												
H365-21S																												
H380-05																												
CCV6	106	104	105	103	103	101	103	105	105	96	97	97	96	102	99	93	102	103	107	106	102	109	98	96	98	101	103	109
CCB6																												
IP1095B																												
IP1095L																												
IP1095C																												
H365-01A																												
H365-01																												
H365-01J																												
H365-01M																												
H365-01S																												
H365-02																												
H365-03																												
CCV7	105	107	105	102	101	100	102	104	104	94	97	97	95	102	97	93	100	101	106	106	102	107	97	94	97	99	101	108
CCB7																												
H365-04																												
H365-05																												
H365-06																												
H365-07																												
H365-08																												
H365-09																												
H365-10																												
H365-11																												
H365-12																												
H365-13																												
CCV8	102	102	104	103	102	102	101	104	102	95	96	95	95	103	96	92	100	101	107	105	102	107	97	94	97	99	101	109
CCB8																												
H365-14																												
H365-15																												
H365-16																												
H365-17																												
H365-18																												
H365-19																												
H365-20																												
CCV9	105	103	103	105	100	102	103	105	105	95	99	96	96	105	95	94	102	102	106	108	103	111*	100	97	99	98	101	108
CCB9																												
IP1045S																												
IP1045L																												
IP1045C																												
T068-01A																												
T068-01																												

1068-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-02T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-03T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-05T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC410	105	103	106	104	102	101	102	105	105	95	97	96	95	104	96	92	100	101	108	106	102	109	98	94	97	100	102	108	----
CC810	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-05T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-07T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-08T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-09T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H638-17T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H638-19T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC411	105	102	109	104	100	101	102	105	104	94	98	98	95	104	96	94	101	101	105	107	102	110	99	96	97	98	101	108	----
CC811	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-054	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-057	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-060	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-064	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-065	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-058	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4354-055	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC412	106	104	109	105	101	102	104	105	105	95	100	99	97	106	96	94	102	103	108	109	104	112*	101	95	99	99	102	109	----
CC812	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1048W5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1048W6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1048W8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02E	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02N	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1314-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC413	106	104	109	107	101	102	103	105	106	95	99	98	97	106	96	94	103	103	109	106	101	113*	101	95	99	99	102	109	----
CC413	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC813	92	----	----	----	----	----	----	97	----	----	----	93	----	----	91	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C3A3	98	104	109	109	95	100	101	95	97	91	101	92	90	109	90	86	102	98	112	108	109	114	99	92	95	95	97	109	----
1C3A3B	98	104	109	109	95	100	101	95	97	91	101	92	90	109	90	86	102	103	109	106	104	112*	101	98	99	99	102	110	----
1C3A4	105	104	109	106	101	102	104	106	106	96	100	99	97	106	96	94	102	103	109	----	----	----	----	----	----	----	----	----	----
1C3A4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC815	106	103	109	106	102	101	103	104	104	95	100	98	96	105	94	92	103	102	107	108	103	112*	102	97	98	98	101	108	----
CC815	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C36-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1036-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC16	104	102	109	105	99	102	102	104	105	94	99	97	95	106	93	93	102	101	108	108	103	112*	100	97	97	97	101	108
CC316	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1043W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1043W1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1043W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
WT1102SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-011	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1064-027	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC17	105	104	111*	109	99	104	104	105	107	95	102	99	97	109	94	94	104	103	110	112*	105	115*	103	99	99	98	102	109
CC317	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

QC limit of each parameter are listed in a table attached text to all the IOP check forms
* Out of QC limit

WERSCh : 10A UNIT : 06- SUMMARY of CALIBRATION BLANKS : 2061016 (WATER) DATE : 09/14/12 TEST : EPA

PARAMETER	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TCB	4.77	11.6	1.77	-.081	-.020	1.43	-.010	19.7	.060	.040	-.270	-7.43	-.220	.030	-3.33	.060	.920	.030	13.6	.770	-.130	23.4	-.070	.862	.130	.520	-.060	.410
WR.1502	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
WR.1502	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2054T	----	3.06	-.923	-.037	.070	-9.68	-1.29	----	.020	-1.13	-.360	----	.000	1.72	----	1.31	-2.26	-.850	-23.2	1.11	-.130	68.9	.150	-2.04	.580	.100	-.270	2.44
2054B1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	10.3	3.76	1.46	.080	.070	1.43	.040	24.4	.100	.010	.060	-5.37	-.230	.110	4.05	.170	.920	.130	17.0	1.27	-.050	26.6	.020	.890	.120	.230	-.010	.330
IP1045W5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1156-TC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1156-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC32	6.81	17.0	2.22	-.060	.010	7.57	.020	19.3	.080	.100	-.240	-3.94	-.190	.210	-3.45	.190	1.09	.110	12.1	.460	1.94	25.6	-.030	.861	.302	.180	.020	.280
1031-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1661-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1661-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1633-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1633-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1633-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC33	10.4	7.85	2.26	.840	.030	1.17	.090	23.9	.110	.160	-.190	-6.22	.220	-.180	3.46	.170	.870	.280	10.5	1.43	-.050	25.7	-.060	.870	-.060	.520	.250	.370
1015-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1015-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1005-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC94	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC84	8.75	9.85	1.25	.180	.110	1.28	.140	30.7	.250	.075	-.120	-6.32	.250	.300	1.46	.300	1.05	.240	.120	1.06	.200	.290	-.030	.910	.140	.220	-.130	.660
IP1045ML	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1045MC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC9A8	----	8.29	1.16	-.361	-.103	-4.70	-1.64	----	.210	-1.04	-.420	----	-3.15	1.97	----	1.60	-2.43	-1.03	54.2	7.79	-.042	.345	.250	-.400	.710	.050	-.440	1.77
CC9A8P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC85	8.69	9.51	2.03	.070	.250	1.12	.050	30.1	.070	.030	-.270	-5.95	-.020	-.100	3.03	.330	1.02	.160	56.0	.320	-.030	.145	-.060	1.000	-.220	.520	-.060	.710
IP1040SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1040SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1040SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H380-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC96	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC86	1.09	8.41	.930	.010	-.230	1.24	-.030	15.9	-.350	.070	.290	-7.55	-.170	-.100	-3.40	.010	.690	.100	20.3	1.18	-.080	94.6	-.070	.760	-.210	.720	-.040	.150
IP1003SS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1003SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1003SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H380-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC96	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC86	1.09	8.41	.930	.010	-.230	1.24	-.030	15.9	-.350	.070	.290	-7.55	-.170	-.100	-3.40	.010	.690	.100	20.3	1.18	-.080	94.6	-.070	.760	-.210	.720	-.040	.150
IP1003SS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1003SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1003SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC97	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC87	.980	8.26	.640	-.080	-.032	1.43	.320	-1.85	.000	-.040	-.190	-6.35	.050	-.050	.260	.060	.920	-.320	9.43	1.43	-.040	55.0	-.040	.980	-.160	.430	-.390	-.440
H365-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC88	2.90	6.17	1.65	-.052	.040	1.21	.070	-3.01	.000	.090	-.330	-6.70	.060	-.570	.370	-.320	1.21	-.030	-11.1	1.12	.010	32.6	-.350	.591	.171	.840	-.380	.550
H365-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC89	.790	5.52	1.89	-.070	.310	1.49	.060	-8.63	.390	.030	-.020	-7.57	-.170	-.450	1.71	.100	.930	.030	-14.8	1.31	-.020	25.5	-.070	.660	-.380	.300	-.022	.731
IP1001SS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1001SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1001SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1068-012	----	----	----	----	----	--	-	----	----	----	----	-- -	--	----	----	----	----	----	----	----	----	- -	----	----	----	----	----	- -	----
1068-02T	----	----	--	----	----	----	----	----	----	-- -	--	----	----	----	----	----	----	----	----	----	----	----	----	----	- --	----	- --	----	----
1068-03T	-- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	-- -	---	- -	----
1068-04T	----	----	----	----	---	----	----	----	----	----	----	---	---	----	----	---	----	----	----	----	----	----	----	---	----	----	----	----	----
1068-05T	-	----	--	----	----	-	- -	----	----	---	----	----	- -	----	---	----	----	----	--	----	----	- --	----	----	----	---	-	----	----
CCV16	----	----	----	---	--	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	- -	---	----	----	----	- -	----	----
CC910	2.69	6.79	1.02	-.032	-.010	1.17	.023	-7.85	-.030	.070	.230	-9.04	-.200	-.783	-.370	.030	.930	233	-36.7	1.19	.000	30.0	-.100	.580	-.270	.350	-.120	-.350
1068-06T	----	----	- --	----	----	----	----	---	----	----	----	----	--	----	----	- --	----	----	----	----	----	----	----	----	----	----	-- -	----
1068-07T	- --	----	---	-	----	----	----	----	----	----	----	----	----	--	-	----	----	-	----	----	----	----	----	----	----	----	----	----
1068-08T	----	----	----	----	----	----	---	----	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----
1068-09T	----	----	----	---	----	--	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
H638-17T	----	----	-	----	----	----	--	---	----	----	----	-- -	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H638-13T	----	----	----	----	----	- --	----	----	----	----	----	-	---	----	----	----	----	----	--	----	--	----	----	----	----	----	---	-
CCV11	----	----	--	----	----	----	-	----	----	----	----	-	----	----	----	----	----	----	--	----	--	----	----	----	----	----	----	----
CC811	3.02	6.61	2.12	.030	.060	1.64	.050	.369	.100	.042	.030	-7.05	.260	-.360	-1.71	.110	1.05	.140	-9.62	1.38	.060	25.6	-.060	.630	.310	.380	.067	-.362
H354-05A	--	--	----	----	----	----	----		----	----	----	----	-	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H354-05T	----	--	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	-	--	----	----	-
H354-05C	----	----	- -	----	----	----	----	----	----	----	----	- --	----	----	----	----	----	- --	----	----	----	----	----	----	----	----	----	----
H354-06P	----	----	----	---	----		----	----	----	--	- -	----	----	----	----	----	----	- --	----	----	----	----	----	----	----	----	----	---
H354-06S	----	----	-- -	----	----	-	----	----	----	- -	---	---	----	----	----	----	- -	----	----	----	----	----	----	----	---	- --	----	---
H354-05	----	----	----	----	----	- --	----		----	----	----	-	--	----	---	- -	----	----	----	----	----	----	----	----	----	----	----	----
H354-05H	----	----	----	----	-	- --	----	----	---	---	---	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----
H354-05S	----	----	----	----	----	----	--	----	----	---		---	- --	----	----	----	----		----	----	----	----	----	----	----	----	----	----
CCV12	-	---	----	---	----	----	----	-	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----
CC812	5.60	7.57	.720	.260	.020	2.53	.080	52.3	.080	-.030	-.090	-6.10	-.150	-.510	-2.48	.010	1.14	.120	12.9	1.56	-.090	.165	-.050	1.25	-.130	.360	-.510	1.99
CP1046WB	----	--	--	---	--	--	----	----	----	---	----	----	----	----	----	---	--	----	----	----	----	----	----	----	----	----	----	----
CP1046WL	----	----	--	-	----	----	----		----	---	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	--	-	----
CP1046WC	----	----	---	-	--	-- -	----	----	----	---	-	----	----	----	----	--	-	----	----	----	----	----	---	----	--	---	----	---
1714-01A	----	--	--	----	----	----	---	----	----	--	----	----	----	----	----	----	---	----	----	---	----	----	- --	----	----	----	----	----
1714-01	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	--	----	-	----
1714-01C	----	----	--	- -	----	----	----	----	----	----	----	- -	---	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----
1714-01D	----	----	----	----	----	----	----	----	----	-		----	-	--	----	----	----	----	-	----	----	----	----	----	----	----	----	----
1714-01E	- --	--	----	----	----	----		----	- --	----	- -	----	----	----	- --	----	----	----	----	--	----	----	----	----	----	----	----	----
1714-01G	--	----	--	-	- --	---	---	----	----	----		---	- --	---	-	----	----	----	----	----	----	-	--	----	----	---	-	---
CC913	----	----	----	----	----		----	----	----	- -	----	----	----	----	----	----		----	-	----		- --	----	----	----	----	----	----
CC813	5.83	10.5	1.80	.261	.050	2.52	.070	20.4	.082	.147	.030	-6.59	.340	-.219	-.930	.190	1.18	.130	40.4	1.51	.360	.132	.030	.750	.140	.340	-.039	.310
1754B	---	7.54	-1.39	-.531	-.131	-1.61	-1.01	----	.412	-1.06	-.260	---	-1.03	1.67	-	1.96	-2.22	-.932	3.28	3.65	-.110	.209	.470	.910	1.22	.420	-.429	2.71
1054B3	----	----	----	----	----	----	----	----		----	----	----	----	----	---	- --	----	----	----	----	----	----	----	----	----	----	---	- -
CC914	-	- -	-	-	---	----	---	--	----	---	--		--	-- -	-- -	---		----	----	----	----	-	----	----	----	----	---	- -
CC814	4.23	9.33	1.41	.011	.027	1.38	.090	53.3	.060	-.030	.090	58.0	.190	-.022	-1.33	.350	1.13	.030	16.3	.990	.020	85.2	.490	1.12	.560	.540	-.130	7.03
1036-11	---	----	---	-- -	----	----	----		----	----	----	----	----	----	----	----	-	----	----	----	----	----	-	----	----	--	----	----
1036-12	--	--	----	---	- -	----	----	----		----	----	----	--	---	---	---	-	----	----	----	----	----	----	----	----	---	-	----
1036-13	----	----	----	----	---		---	----	----	----	----	----	---	--	--	----	----	----	----	---	----	----	----	----	- --	----	----	----
1036-14	-	---	----	---	-	----	----	----	--	----	----	- --	---	--	--	----	----	----	----	---	----	----	----	----	----	--	-	----
1036-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-16	----	--	----	----	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-18	- -	----	--	-	----	----	----	-	----		----	----	-	---	---	----	----	----	----	----	----	----	----	- -	----	----	---	----
1036-19	----	----	----	----	----	----	----	----	-	----	----	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	---	----
1036-10	---	---	----	----	---	-	----	----	- --	----	---	-- -	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	---	--
CC916	---	--	- --	----	----		----	----	----	---	----	- --	---	--	----	----	----	- --	----	--	----	----	----	- --	----	----	---	----
CC816	9.63	6.94	.620	.180	.140	1.64	.080	-1.61	.110	.040	.020	-5.33	-.350	.670	6.62	.300	1.04	.190	6.83	1.16	-.070	46.2	.060	.750	.120	.250	-.030	.760
1036-1-	---	--	----	----	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-12	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	-	----	--	----	----	----	-- -	----	--	----	----
1036-13	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	--	----	----	----	----	----	----	----	----	----	--	----	----
1036-14	- --	----	---	- -	----	--	-- -	---	----	----	----	---	---	--	----	----	----	----	--	----	----	----	----	- --	----	----	----	-- -
1036-15	----	----	----	----	----	----	----		---	---	- --	- -	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----

IQ36-16	-	--	----	----	---	----	- --	- -	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---
IQ36-17	----	----	----	----	--	-	----	----	----	----	----	----	----	--	----	- -	----	----	----	----	----	----	----	----	---	----	----	----
IQ36-18	----	---	----	----	----	----	----	----	---	----	---	---	---	----	----	----	----	- -	----	----	----	--	----	----	----	----	----	-
CCW16	-	----	----	----	----	----	----	----	-	--	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----
CCB16	5.11	6.31	1.99	.049	.060	1.44	.120	-4.03	.108	.039	- .050	-4.63	.309	-.630	3.50	.200	1.07	.172	8.38	.580	.660	37.1	-.030	1.07	-.340	.263	.103	1.04
IP1043WB	----	----	----	----	----	----	----	----	----	--	- -	---	----	----	---	----	- --	----	----	----	----	----	- -	----	----	----	----	---
IP1043WL	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	- -	---
IP1043WS	----	----	----	----	----	----	----	----	----	----	----	----	---	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----
WT100255	----	----	----	----	----	----	--		----	----	----	----	----	----	--	----	---	----	----	----	----	----	----	----	----	----	----	----
IQ54-01B	----	----	----	----	----	----	----	----	-	--	----	----	----	----	---	-	----	----	----	----	----	----	----	----	----	----	-- -	----
IQ54-01T	----	----	----	-	---	----	----	----	---	----	---	---	--	----	----	----	----	----	----	----	---	- -	----	----	- --	----	----	----
IQ54-01L	----	--	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	- --	----	----	----	----	----	--	---	----	-
IQ54-01V	----	----	----	----	-	----	----	----	----	----	--	----	--	----	----	----	----	----	----	----	----	----	----	----	----	---	---	----
IQ54-01S	----	-	----	----	----	--	--	----	----	----	----	----	----	--	----	----	----	-- -	----	----	----	----	----		----	----	----	----
IQ54-02T	----	----	----	-	-	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV12	- -	--	----	----	----	-	--	----	----	----	----	----	----	---	- -	--	---	----	----	----	----	----		----	----	----	----	----
CCB17	4.22	6.83	2.29	.093	.050	1.66	.030	24.9	.150	.023	.220	-6.14	.040	-.230	-1.52	.150	1.14	.150	55.5	1.20	.030	.182	-.038	1.19	.000	.509	.058	.480

QC limits of each parameter are listed in a table attached next to all the DQP check forms
* Out of QC limits

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I0160C1			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID9I0160C2			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I016003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I016004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I016005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I016006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I016007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I016008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I016009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I016010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I016011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I016012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I016013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8I016014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I016015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRLI1601		ID8I016016			1	☒	EMAX	None
17	4	2	4	1	QC	MRLI1602		ID8I016017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I016018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		ID8I016019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I016020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I016021			1	☒	3XIDL	None
22	21	2	9	2	QC	IPI045WB		ID8I016022			1	☒	CCB	None
23	22	2	10	2	QC	ZZZZZZZ		ID8I016023			1	☒	LCS	None
24	23	2	11	2	QC	ZZZZZZZ		ID8I016024			1	☒	LCS	None
25	24	2	12	2	Unk	I051-01A		ID8I016025			1	☒	unk	—
26	25	2	1	3	Unk	I051-01		ID8I016026			1	☒	unk	—
27	118	3	10	5	Unk	I051-01J		ID8I016027			1	☒	unk	—
28	119	3	11	5	Unk	I051-01M		ID8I016028			1	☒	unk	—
29	120	3	12	5	Unk	I051-01S		ID8I016029			1	☒	unk	—
30	121	4	1	1	Unk	I166-C1		ID8I016030			1	☒	unk	—
31	122	4	2	1	Unk	I166-C2		ID8I016031			1	☒	unk	—
32	123	4	3	1	QC	CCV2		ID8I016032			1	☒	CCV	None
33	124	4	4	1	QC	CCB2		ID8I016033			1	☒	3XIDL	None
34	125	4	5	1	Unk	I031-20		ID8I016034			1	☒	unk	—
35	126	4	6	1	Unk	I043-02		ID8I016035			1	☒	unk	—
36	127	4	7	1	Unk	I043-03		ID8I016036			1	☒	unk	—
37	128	4	8	1	Unk	I043-04		ID8I016037			1	☒	unk	—
38	129	4	9	1	Unk	I043-05		ID8I016038			1	☒	unk	—
39	130	4	10	1	Unk	H661-09		ID8I016039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	131	4	11	1	Unk	H661-10		ID8 016040			1	☒	unk	—
41	132	4	12	1	Unk	H633-02		ID8I016041			1	☒	unk	—
42	133	4	1	2	Unk	H633-04		ID8I016042			1	☒	unk	—
43	134	4	2	2	Unk	H633-05		ID8I016043			1	☒	unk	—
44	135	4	3	2	QC	CCV3		ID8I016044			1	☒	CCV	None
45	136	4	4	2	QC	CCB3		ID8I016045			1	☒	3XID_	None
46	137	4	5	2	Unk	I006-01		ID8I016046			1	☒	unk	—
47	138	4	6	2	Unk	I005-02		ID8I016047			1	☒	unk	—
48	139	4	7	2	Unk	I005-03		ID8I016048			1	☒	unk	—
49	140	4	8	2	Unk	I005-03M		ID8I016049			1	☒	unk	—
50	141	4	9	2	Unk	I005-03S		ID8I016050			1	☒	unk	—
51	142	4	10	2	Unk	I005-03		ID8I016051			1	☒	unk	—
52	143	4	11	2	Unk	I019-02		ID8I016052			1	☒	unk	—
53	144	4	12	2	Unk	I019-03		ID8I016053			1	☒	unk	—
54	145	4	1	3	Unk	I019-04		ID8I016054			1	☒	unk	—
55	146	4	2	3	QC	CCV4		ID8I016055			1	☒	CCV	None
56	147	4	3	3	QC	CCB4		ID8I016056			1	☒	3XIDL	None
57	114	3	6	5	QC	IPI045WL		ID8I016057			1	☒	LCS	None
58	115	3	7	5	QC	PI045WC		ID8I016058			-	☒	LCS	None
59	90	3	6	3	QC	CSA2		ID8I016059			-	☒	ICSA	None
60	91	3	7	3	QC	CSAB2		ID8I016060			-	☒	ICSAB1	None
61	148	4	4	3	QC	CCV5		ID8I016061			1	☒	CCV	None
62	149	4	5	3	QC	CCB5		ID8I016062			1	☒	3XIDL	None
63	26	2	2	3	QC	IPI040SB		ID8I016063			1	☒	CCB	None
64	27	2	3	3	QC	IPI040SL		D8I016064			1	☒	LCS	None
65	28	2	4	3	QC	IPI040SC		D8I016065			1	☒	LCS	None
66	29	2	5	3	Unk	H365-21A		D8I016066			1	☒	unk	—
67	30	2	6	3	Unk	H365-21		D8I016067			1	☒	unk	—
68	31	2	7	3	Unk	H365-21J		ID8I016068			1	☒	unk	—
69	32	2	8	3	Unk	H365-21M		ID8I016069			1	☒	unk	—
70	33	2	9	3	Unk	H365-21S		ID8I016070			1	☒	unk	—
71	34	2	10	3	Unk	H380-06		ID8I016071			1	☒	unk	—
72	35	2	11	3	QC	CCV6		ID8I016072			1	☒	CCV	None
73	36	2	12	3	QC	CCB6		ID8I016073			1	☒	3XIDL	None
74	59	2	11	5	QC	IPI039SB		ID8I016074			1	☒	CCB	None
75	60	2	12	5	QC	IPI039SL		ID8I016075			1	☒	LCS	None
76	61	3	1	1	QC	IPI039SC		ID8I016076			1	☒	LCS	None
77	62	3	2	1	Unk	H365-01A		ID8I016077			1	☒	unk	—
78	63	3	3	1	Unk	H365-01		ID8I016078			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dil Factor	CorrFact	Check	Check Table	Fail Action
79	64	3	4	1	Unk	H365-01J		ID8I016079			1	☒	unk	—
80	65	3	5	1	Unk	H365-01M		ID8I016080			1	☒	unk	—
81	66	3	6	1	Unk	H365-01S		ID8I016081			1	☒	unk	—
82	67	3	7	1	Unk	H365-02		ID8I016082			1	☒	unk	—
83	68	3	8	1	Unk	H365-03		ID8I016083			1	☒	unk	—
84	69	3	9	1	QC	CCV7		ID8I016084			1	☒	CCV	None
85	70	3	10	1	QC	CCB7		ID8I016085			1	☒	3XIDL	None
86	71	3	11	1	Unk	H365-04		ID8I016086			1	☒	unk	—
87	72	3	12	1	Unk	H365-05		ID8I016087			1	☒	unk	—
88	73	3	1	2	Unk	H365-06		ID8I016088			1	☒	unk	—
89	74	3	2	2	Unk	H365-07		ID8I016089			1	☒	unk	—
90	75	3	3	2	Unk	H365-08		ID8I016090			1	☒	unk	—
91	76	3	4	2	Unk	H365-09		ID8I016091			1	☒	unk	—
92	77	3	5	2	Unk	H365-10		ID8I016092			1	☒	unk	—
93	78	3	6	2	Unk	H365-11		ID8I016093			1	☒	unk	—
94	79	3	7	2	Unk	H365-12		ID8I016094			1	☒	unk	—
95	80	3	8	2	Unk	H365-13		ID8I016095			1	☒	CCV	None
96	81	3	9	2	QC	CCV8		ID8I016096			1	☒	3XIDL	None
97	82	3	10	2	QC	CCB8		ID8I016097			1	☒	unk	—
98	83	3	11	2	Unk	H365-14		ID8I016098			1	☒	unk	—
99	84	3	12	2	Unk	H365-15		ID8I016099			1	☒	unk	—
100	85	3	1	3	Unk	H365-16		ID8I016100			1	☒	unk	—
101	86	3	2	3	Unk	H365-17		ID8I016101			1	☒	unk	—
102	87	3	3	3	Unk	H365-18		ID8I016102			1	☒	unk	—
103	88	3	4	3	Unk	H365-19		ID8I016103			1	☒	unk	—
104	89	3	5	3	Unk	H365-20		ID8I016104			1	☒	CCV	None
105	92	3	8	3	QC	CCV9		ID8I016105			1	☒	3XIDL	None
106	93	3	9	3	QC	CCB9		ID8I016106			1	☒	CCB	None
107	94	3	10	3	QC	IPI041SB		ID8I016107			1	☒	LCS	None
108	95	3	11	3	QC	IPI041SL		ID8I016108			1	☒	LCS	None
109	96	3	12	3	QC	IPI041SC		ID8I016109			1	☒	unk	—
110	97	3	1	4	Unk	I068-01A	10X	ID8I016110			1	☒	unk	—
111	98	3	2	4	Unk	I068-01T	10X	ID8I016111			1	☒	unk	—
112	99	3	3	4	Unk	I068-01J	50X	ID8I016112			1	☒	unk	—
113	100	3	4	4	Unk	I068-02T	10X	ID8I016113			1	☒	unk	—
114	101	3	5	4	Unk	I068-03T	10X	ID8I016114			1	☒	unk	—
115	102	3	6	4	Unk	I068-04T	10X	ID8I016115			1	☒	unk	—
116	103	3	7	4	Unk	I068-05T	10X	ID8I016116			1	☒	CCV	None
117	104	3	8	4	QC	CCV10		ID8I016117						

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
118	105	3	9	4	QC	CCB10		ID8I016118			1	☒	3XIDL	None
119	106	3	10	4	Unk	I068-06T	10X	ID8I016119			1	☒	unk	—
120	107	3	11	4	Unk	I068-07T	10X	ID8I016120			1	☒	unk	—
121	108	3	12	4	Unk	I068-08T	10X	ID8I016121			1	☒	unk	—
122	109	3	1	5	Unk	I068-09T	10X	ID8I016122			1	☒	unk	—
123	110	3	2	5	Unk	H638-17T	10X dried & sieved	ID8I016123			1	☒	unk	—
124	111	3	3	5	Unk	H638-19T	10X dried & sieved	ID8I016124			1	☒	unk	—
125	112	3	4	5	QC	CCV11		ID8I016125			1	☒	CCV	None
126	113	3	5	5	QC	CCB11		ID8I016126			1	☒	3XIDL	None
127	163	4	7	4	Unk	H354-05A	5X TOT	ID8I016127			1	☒	unk	—
128	164	4	8	4	Unk	H354-05T	5X TOT	ID8I016128			1	☒	unk	—
129	165	4	9	4	Unk	H354-05J	25X TOT	ID8I016129			1	☒	unk	—
130	166	4	10	4	Unk	H354-05M	5X TOT	ID8I016130			1	☒	unk	—
131	167	4	11	4	Unk	H354-05S	5X TOT	ID8I016131			1	☒	unk	—
132	168	4	12	4	Unk	H354-05	5X DISS	ID8I016132			1	☒	unk	—
133	169	4	1	5	Unk	H354-05M	5X DISS	ID8I016133			1	☒	unk	—
134	170	4	2	5	Unk	H354-05S	5X DISS	ID8I016134			1	☒	unk	—
135	171	4	3	5	QC	CCV12		ID8I016135			1	☒	CCV	None
136	172	4	4	5	QC	CCB12		ID8I016136			1	☒	3X DL	None
137	150	4	6	3	QC	PI046W3		ID8I016137			1	☒	CCB	None
138	151	4	7	3	QC	PI046W_		ID8I016138			1	☒	LCS	None
139	152	4	8	3	QC	IPI046WC		ID8I016139			1	☒	LCS	None
140	153	4	9	3	Unk	I714-01A		ID8I016140			1	☒	unk	—
141	154	4	10	3	Unk	I714-01		ID8I016141			1	☒	unk	—
142	155	4	11	3	Unk	I714-01D		ID8I016142			1	☒	unk	—
143	156	4	12	3	Unk	I714-01J		ID8I016143			1	☒	unk	—
144	157	4	1	4	Unk	I714-01M		ID8I016144			1	☒	unk	—
145	158	4	2	4	Unk	I714-01S		ID8I016145			1	☒	unk	—
146	159	4	3	4	QC	CCV13		ID8I016146			1	☒	CCV	None
147	160	4	4	4	QC	CCB13		ID8I016147			1	☒	3XIDL	None
148	161	4	5	4	QC	ICSA3		ID8I016148			1	☒	CSA	None
149	162	4	6	4	QC	ICSAB3		ID8I016149			1	☒	ICSAB1	None
150	173	4	5	5	QC	CCV14		ID8I016150			1	☒	CCV	None
151	174	4	5	5	QC	CCB14		ID8I016151			1	☒	3X DL	None
152	37	2	1	4	Unk	I036-01	dried & sieved	ID8I016152			1	☒	unk	—
153	38	2	2	4	Unk	I036-02	dried & sieved	ID8I016153			1	☒	unk	—
154	39	2	3	4	Unk	I036-03	dried & sieved	ID8I016154			1	☒	unk	—
155	40	2	4	4	Unk	I036-04	dried & sieved	ID8I016155			1	☒	unk	—
156	41	2	5	4	Unk	I036-05	dried & sieved	ID8I016156			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
157	42	2	6	4	Unk	I036-06	dried & sieved	ID8I016157			1	☒	unk	—
158	43	2	7	4	Unk	I036-07	dried & sieved	ID8I016158			1	☒	unk	—
159	44	2	8	4	Unk	I036-08	dried & sieved	ID8I016159			1	☒	unk	—
160	45	2	9	4	Unk	I036-09	dried & sieved	ID8I016160			1	☒	unk	—
161	46	2	10	4	Unk	I036-10	dried & sieved	ID8I016161			1	☒	unk	—
162	47	2	11	4	QC	CCV15		ID8I016162			1	☒	CCV	None
163	48	2	12	4	QC	CCB15		ID8I016163			1	☒	3XIDL	None
164	49	2	1	5	Unk	I036-11	dried & sieved	ID8I016164			1	☒	unk	—
165	50	2	2	5	Unk	I036-12	dried & sieved	ID8I016165			1	☒	unk	—
166	51	2	3	5	Unk	I036-13	dried & sieved	ID8I016166			1	☒	unk	—
167	52	2	4	5	Unk	I036-14	dried & sieved	ID8I016167			1	☒	unk	—
168	53	2	5	5	Unk	I036-15	dried & sieved	ID8I016168			1	☒	unk	—
169	54	2	6	5	Unk	I036-16	dried & sieved	ID8I016169			1	☒	unk	—
170	55	2	7	5	Unk	I036-17	dried & sieved	ID8I016170			1	☒	unk	—
171	56	2	8	5	Unk	I036-18	dried & sieved	ID8I016171			1	☒	unk	—
172	57	2	9	5	QC	CCV16		ID8I016172			1	☒	CCV	None
173	58	2	10	5	QC	CCB16		ID8I016173			1	☒	3XIDL	None
174	9	2	9	1	QC	IPI043WB		ID8I016174			1	☒	CCB	None
175	10	2	10	1	QC	IPI043WL		ID8I016175			1	☒	LCS	None
176	11	2	11	1	QC	IPI043WC		ID8I016176			1	☒	LCS	None
177	12	2	12	1	QC	WTI002SB	STLC	ID8I016177			1	☒	CCB	None
178	13	2	1	2	Unk	I064-01A	5X STLC	ID8I016178			1	☒	unk	—
179	14	2	2	2	Unk	I064-01T	5X STLC	ID8I016179			1	☒	unk	—
180	15	2	3	2	Unk	I064-01J	25X STLC	ID8I016180			1	☒	unk	—
181	16	2	4	2	Unk	I064-01M	5X STLC	ID8I016181			1	☒	unk	—
182	17	2	5	2	Unk	I064-01S	5X STLC	ID8I016182			1	☒	unk	—
183	18	2	6	2	Unk	I064-02T	5X STLC	ID8I016183			1	☒	unk	—
184	19	2	7	2	QC	CCV17		ID8I016184			1	☒	CCV	None
185	20	2	8	2	QC	CCB17		ID8I016185			1	☒	3XIDL	None

INDX	LSCD	Al	Sb	As	Ba	Be	B	Ca	Ca	Cr	Co	LSCD
1	Blank	-.03006	.00001	-.00301	.00924	.0012	.00216	-.00069	.00045	-.00094	-.00090	Blank
2	S20					.00652		2.8243				S20
3	S21					8.7095		27.942				S21
4	S22				.45768						.16334	S22
5	S23				4.3993						1.7022	S23
6	S24						.09048					S24
7	S25						.91875					S25
8	S26	.19378							.96073	.12170		S26
9	S27	7.8252							8.5368	1.2577		S27
10	S28		.00525									S28
11	S29		.05168									S29
12	S30			.00114								S30
13	S31			.00458								S31
14	ICV	109.13	1.5611	1.0450	2.0795	1.5561	2.5018	2.0551	78.780	2.5620	.96322	ICV
15	ICB	.00417	.01222*	.00127	.00208	-.00007	.00143	-.00001	.01367	.00006	.00004	ICB
16	MRL11601	.22844	.10566	.01232*	.00054	.01037	.01042	.00032	1.0559	.00071	.00053	MRL11601
17	MRL11602	.20203	.00260	.01123	.00538	.00407	.00506	.00612	.67080	.00033	.00067	MRL11602
18	ICS41	430.70	.00309	.00097	-.00003	-.00007	-.00968	-.00199	464.60	.00033	-.00113	ICS41
19	ICS41	432.80	1.0431	1.0487	.52193	.49124	.49014	1.0175	491.46	.43124	.45124	ICS41
20	CCV1	106.65	1.5539	1.0455	2.0457	1.5535	2.4396	2.0626	79.250	2.5558	.95575	CCV1
21	CCB1	.01027	.00775*	.00146	.00028	.00007	.00143	.00004	.02445	.00010	.00001	CCB1
22	IP1045WB	.01044	.00077	.00250	.00013	.00002	.00038	.00011	.03325	.00002	.00000	IP1045WB
23	ZZZZZZZ	6.1652*	2.7048	.55680	.52231	.53962	.55239	.54435	54.706	.53452	.50388	ZZZZZZZ
24	ZZZZZZZ	6.2146*	2.6573	.56449	.53253	.53929	.55051	.55225	53.179	.63990	.50811	ZZZZZZZ
25	I051-01A	6.3746	2.3713	.66[illegible]	.55559	.52782	.55290	.54717	70.856	.53144	.49478	I051-014
26	I051-01	.00662	.03719	.00159	.34484	.00010	.77578	.00009	19.096	.00430	-.00019	I051-01
27	I051-01C	.00158	.01665	-.00005	.00320	-.00006	.00486	-.00003	3.8709	.00075	.00001	I051-01C
28	I051-01*	6.1524	2.0863	.55631	.56252	.57840	.57300	.53903	72.579	.52254	.49864	I051-01*
29	I051-01S	6.0369	2.3592	.56507	.55552	.52724	.56674	.54167	72.236	.53023	.49750	I051-01S
30	I166-01	.00314	.27389	11.613	.11734	.00012	.43179	.00017	31.523	.00349	.00137	I166-01
31	I166-02	.00742	.10876	.01613	.10216	-.00007	.42323	.00002	25.976	.00211	.00143	I166-02
32	CCV2	107.12	1.5589	1.0319	2.0215	1.5566	2.4862	2.0509	79.415	2.5552	.95523	CCV2
33	CCB2	.00651	.01149*	.00222	-.00008	.00013	.00137	.00002	.01928	.00028	.00013	CCB2
34	I031-20	.01732	.00901	.00187	.00033	.00005	.00194	.00002	.01250	.00011	.00005	I031-20
35	I043-02	.01209	-.00027	.00413	.12765	.00010	.10319	-.00042	300.45	.00745	.00003	I043-02
36	I043-03	.01504	-.00011	.00239	.18584	-.00003	.11796	.00012	214.69	.00337	-.00041	I043-03
37	I043-04	.01375	-.00107	.00383	.15775	.00009	.11227	.00003	210.68	.00147	-.00051	I043-04
38	I043-05	.01359	-.00019	.00209	.25548	-.00009	.10586	-.00012	204.39	.00031	-.00024	I043-05
39	4651-09	.01741	-.00060	.00070	.28518	-.00025	1.7776	-.00046	1775.4*	.00244	-.00225	4651-09
40	4651-10	.01632	-.00131	.00217	.35072	-.00011	.24659	-.00024	410.74	.00032	-.00068	4651-10
41	4633-02	.00304	.00092	.00330	.91787	-.00009	.39511	-.00010	91.249	.00175	-.00020	4633-02
42	4633-04	.01357	-.00002	.00956	.15859	-.00009	.13418	-.00003	62.940	.00253	-.00024	4633-04
43	4633-05	.01560	-.00099	.00776	.15966	-.00010	.13613	-.00003	63.762	.00004	-.00029	4633-05
44	CCV3	105.55	1.5558	1.0486	2.0319	1.5569	2.4975	2.0556	50.101	2.5559	.95639	CCV3
45	CCB3	.00037	.00788*	.00228	.00004	.00008	.00137	.00009	.02393	.00011	.00016	CCB3
46	I006-01	.00157	.00094	.12559	.70165	.00010	.17869	-.00002	61.332	.00246	-.00023	I006-01
47	I005-02	.01777	-.00944	.00426	.21743	-.00008	.25530	.00005	117.11	.00552	-.00015	I005-02
48	I005-03	.00457	-.00663	.00457	.13361	-.00010	.07752	-.00001	76.260	.00786	-.00012	I005-03
49	I005-03M	5.4086	1.9612	.56182	.52329	.49963	.60903	.52091	125.97	.51993	.46356	I005-03M
50	I005-035	5.9045	2.3427	.55454	.52619	.51947	.61435	.52286	126.70	.52389	.47451	I005-035
51	I005-05	.01127	.00603	.00443	.30062	.00006	.07797	.00006	75.990	.00294	.00019	I005-05
52	I019-02	.02477	.00263	.00276	.16435	-.00021	.15742	-.00080	1545.0*	.00063	-.00210	I019-02
53	I019-03	.01702	.00191	.00178	.26924	-.00011	.27558	-.00027	575.36	.00048	-.00081	I019-03
54	I019-04	.01113	.00309	-.00011	.26805	-.00001	.28213	-.00027	583.98	.00063	-.00074	I019-04

55	CCV4	107.98	1.5618	1.0560	2.0468	1.5450	2.5202	2.0607	80.098	2.6170	.95781	CCV4
56	CCB4	.00875	.00986*	.00129	.00018	.00011	.00128	.00014	.03075	.00024	.00007	CCB4
57	IPI045WL	4.9819	2.3997	.49618	.49022	.48563	.45080	.51293	52.131	.50595	.47566	IPI045WL
58	IPI045WC	4.9719	2.4092	.49845	.49408	.48304	.45283	.51574	52.100	.50538	.47741	IPI045WC
59	ICSA2	393.68	.00629	.00116	-.00006	-.00010	-.00473	-.00154	487.08	.00027	-.00104	ICSA2
60	ICSAB2	393.33	1.0245	1.0705	.52842	.47505	.48551	1.0034	477.60	.47498	.45290	ICSAB2
61	CCV5	105.97	1.5611	1.0556	2.0680	1.5522	2.5318	2.0584	79.402	2.6274	.95994	CCV5
62	CCB5	.00859	.00951*	.00203	.00007	.00006	.00112	.00005	.03011	.00002	.00008	CCB5
63	IPI040SB	.01516	.00138	.00279	.00010	.00013	.00071	.00023	.04043	.00015	.00025	IPI040SB
64	IPI040SL	5.0193	2.4110	.50122	.48854	.48106	.46197	.51158	49.501	.50146	.47264	IPI040SL
65	IPI040SC	5.1122	2.4325	.50290	.49079	.48047	.47312	.51288	50.217	.50179	.47273	IPI040SC
66	H365-21A	52.364	2.4277	.53591	.67213	.50630	.46873	.53262	53.751	.59577	.50538	H365-21A
67	H365-21	47.869	.01621	.01034	.16198	.00128	.00468	-.00068	2.4755	.07947	.01560	H365-21
68	H365-21J	9.9133	.00585	.00312	.03294	.00019	.00101	-.00019	.51421	.01592	.00317	H365-21J
69	H365-21M	59.930	2.2927	.51932	.65004	.49513	.45370	.52098	54.286	.58596	.49166	H365-21M
70	H365-21S	69.320	2.2465	.50960	.65348	.49182	.44791	.51276	54.335	.58881	.48768	H365-21S
71	H380-06	54.831	.01285	.03165	1.7154	.00203	.01125	.00048	10.649	.14395	.01341	H380-06
72	CCV6	105.62	1.5541	1.0558	2.0675	1.5489	2.5200	2.0614	78.652	2.6143	.96162	CCV6
73	CCB6	.00109	.00841*	.00090	-.00001	-.00003	.00124	-.00003	.01894	-.00009	.00007	CCB6
74	IPI039SB	-.00151	.00316	.00122	-.00014	-.00006	.00043	-.00002	.01774	-.00013	-.00002	IPI039SB
75	IPI039SL	6.0668*	2.7498	.59407	.54112	.53688	.58097	.55339	54.803	.55168	.49854	IPI039SL
76	IPI039SC	5.7864	2.6450	.57112	.52258	.51093	.55691	.53154	52.659	.53027	.47892	IPI039SC
77	H365-01A	45.016	2.4557	.55236	.62721	.50692	.48889	.53917	54.567	.60598	.50553	H365-01A
78	H365-01	38.834	.01725	.01404	.10457	.00105	.01920	-.00082	2.2765	.07680	.01016	H365-01
79	H365-01J	7.9674	.00657	.00465	.02165	.00017	.00478	-.00017	.50064	.01507	.00188	H365-01J
80	H365-01M	68.678	2.2800	.51681	.60827	.48480	.46099	.51185	54.210	.58611	.48199	H365-01M
81	H365-01S	77.451	2.2735	.50864	.60482	.48889	.45458	.50904	54.590	.59379	.48429	H365-01S
82	H365-02	27.742	.01283	.00724	.07785	.00058	.00476	-.00061	1.6501	.04360	.00584	H365-02
83	H365-03	34.990	.01022	.00794	.15681	.00073	.00493	-.00075	3.5971	.06394	.00866	H365-03
84	CCV7	104.53	1.5351	1.0541	2.0460	1.5208	2.4940	2.0312	78.172	2.5924	.94434	CCV7
85	CCB7	.00098	.00826*	.00064	-.00008	-.00003	.00143	.00002	-.00186	.00000	-.00004	CCB7
86	H365-04	31.334	.00824	.00651	.19133	.00072	.00555	-.00049	4.3111	.05395	.00856	H365-04
87	H365-05	31.162	.00471	.00544	.18740	.00071	.00585	-.00054	3.4230	.05340	.00803	H365-05
88	H365-06	37.847	.00354	.00657	.24510	.00083	.00609	-.00057	5.4887	.05999	.00942	H365-06
89	H365-07	35.739	.00231	.00630	.24235	.00078	.00497	-.00020	4.0679	.05755	.00915	H365-07
90	H365-08	33.066	.00157	.00601	.23419	.00071	.00448	-.00025	3.9881	.05418	.00855	H365-08
91	H365-09	47.266	.00493	.00662	.50015	.00124	.00802	-.00035	7.2913	.07199	.01318	H365-09
92	H365-10	46.208	.00337	.00710	.41951	.00113	.00671	-.00039	6.5146	.06821	.01236	H365-10
93	H365-11	34.138	.00139	.00560	.22060	.00079	.00445	-.00049	2.7657	.05509	.00933	H365-11
94	H365-12	36.220	.06682	.00847	.29828	.00082	.00734	-.00046	6.8364	.06075	.00941	H365-12
95	H365-13	40.415	.00182	.00695	.34284	.00100	.00614	-.00055	5.6894	.06125	.01051	H365-13
96	CCV8	103.14	1.5277	1.0440	2.0576	1.5256	2.4931	2.0284	77.721	2.5845	.94536	CCV8
97	CCB8	.00290	.00612*	.00165	-.00008	.00004	.00121	.00007	-.00301	.00001	.00009	CCB8
98	H365-14	36.222	.00299	.00684	.21692	.00096	.00656	-.00052	3.0008	.06253	.00998	H365-14
99	H365-15	33.482	1.0787	.01133	.27238	.00070	.00865	-.00031	7.9669	.05284	.00824	H365-15
100	H365-16	28.932	.00473	.00621	.18835	.00067	.00479	-.00053	2.4375	.05161	.00825	H365-16
101	H365-17	38.305	.00314	.00664	.31261	.00100	.00660	-.00056	4.3309	.05801	.00994	H365-17
102	H365-18	43.150	.00285	.00681	.34214	.00106	.00741	-.00054	4.9600	.06462	.01088	H365-18
103	H365-19	34.962	.02212	.00813	.32421	.00091	.00875	-.00010	8.6816	.05991	.00993	H365-19
104	H365-20	29.383	.00204	.00649	.11215	.00058	.00442	-.00056	2.4979	.05202	.00716	H365-20
105	CCV9	105.42	1.5467	1.0848	2.0962	1.5067	2.5387	2.0571	78.712	2.6168	.95107	CCV9
106	CCB9	.00078	.00552	.00188	-.00007	.00001	.00149	.00005	-.00863	.00009	.00003	CCB9
107	IPI041SB	.00532	-.00029	.00211	-.00002	.00001	.00090	.00013	.00516	-.00007	.00013	IPI041SB
108	IPI041SL	4.8107	2.3111	.49707	.48742	.46022	.44321	.50030	49.761	.49362	.45978	IPI041SL
109	IPI041SC	4.8871	2.3395	.50431	.49584	.46588	.44581	.50945	50.981	.50304	.46842	IPI041SC
110	I068-01A	14.508	2.5011	.56189	.59502	.50843	.49702	.56379	60.720	.57441	.49021	I068-01A
111	I068-01T	8.8081	.01469	.01491	.07613	.00069	.00156	.03320	8.4115	.05101	.00874	I068-01T

112	I068-01J	1.8094	.00572	.00370	.01625	.00009	.00057	.00663	1.7652	.01043	.00186	I068-01J
113	I068-02T	1.5773	.00686	.00736	.05796	.00014	.00172	.06493	11.573	.00790	.00275	I068-02T
114	I068-03T	1.2064	.00664	.00486	.01107	.00012	-.00113	.12699	17.215	.00637	.00220	I068-03T
115	I068-04T	.98454	.00443	.00461	.00775	.00011	.00108	.07718	30.982	.00507	.00190	I068-04T
116	I068-05T	.59173	.00266	.00377	.01254	.00009	.00101	.07137	20.116	.00351	.00137	I068-05T
117	CCV10	104.73	1.5445	1.0514	2.0717	1.5362	2.5197	2.0356	78.721	2.6179	.94725	CCV10
118	CCB10	.00269	.00679*	.00102	-.00003	-.00001	.00117	.00002	-.00785	-.00003	.00007	CCB10
119	I068-06T	1.4158	.00144	.00388	.02253	.00011	.00369	.00331	275.94	.01144	.00121	I068-06T
120	I068-07T	.43871	.00419	.00372	.00675	.00002	.00082	.06991	6.3091	.00294	.00072	I068-07T
121	I068-08T	5.5950	.00375	.00883	.04940	.00035	.00140	.08992	10.432	.01828	.00468	I068-08T
122	I068-09T	2.4257	.00688	.00651	.02337	.00024	.00134	.13799	18.009	.01391	.00368	I068-09T
123	H638-17T	3.4420	.00614	.00884	.05888	.00019	.00158	.14233	28.874	.02579	.00346	H638-17T
124	H638-19T	3.8027	.00881	.00721	.06612	.00026	.00165	.19439	36.947	.02800	.00407	H638-19T
125	CCV11	104.95	1.5300	1.0771	2.0815	1.4975	2.5159	2.0417	78.396	2.6027	.94330	CCV11
126	CCB11	.00332	.00661*	.00212	.00003	.00006	.00164	.00005	.00036	.00010	-.00004	CCB11
127	H354-05A	11.575	5.3648	1.2134	1.1059	1.0026	2.2338	1.0758	131.95	1.0671	.96518	H354-05A
128	H354-05T	.00866	.01526	.00043	.04203	.00003	1.1607	-.00002	83.166	.00035	-.00014	H354-05T
129	H354-05J	.00145	.00433	-.00036	.00853	-.00007	.23084	-.00005	17.382	-.00008	.00000	H354-05J
130	H354-05M	1.1590	.55635	.12116	.14882	.09994	1.2779	.10866	93.627	.10685	.09738	H354-05M
131	H354-05S	1.1646	.56095	.12221	.14890	.10003	1.2826	.10884	93.943	.10698	.09725	H354-05S
132	H354-05	.00058	.00395	.00186	.04363	.00018	1.1991	.00011	86.082	.00044	.00015	H354-05
133	H354-05M	1.1970	.59861	.12511	.15272	.10271	1.3166	.11197	96.954	.10971	.10036	H354-05M
134	H354-05S	1.2002	.59296	.12736	.15563	.10378	1.3096	.11365	94.929	.11191	.10161	H354-05S
135	CCV12	106.03	1.5546	1.0896	2.1271	1.5175	2.5538	2.0720	79.005	2.6339	.95854	CCV12
136	CCB12	.00560	.00757*	.00072	.00026	.00002	.00253	.00008	.05229	.00008	-.00003	CCB12
137	IPI046WB	-.00108	.00020	.00173	.00032	.00003	.00116	.00014	.01166	.00005	.00007	IPI046WB
138	IPI046WL	5.9349	2.2660	.58359	.54447	.51293	.55241	.54296	53.111	.54815	.48992	IPI046WL
139	IPI046WC	5.8115	2.6603	.57268	.53934	.50915	.55277	.53782	53.257	.53842	.48764	IPI046WC
140	I714-01A	6.0182	2.2071	.59571	.58395	.50084	.92466	.54295	142.27	.52943	.49055	I714-01A
141	I714-01	.01934	.03026	.00235	.05361	.00011	.40769	.00025	94.643	.00081	.00024	I714-01
142	I714-01D	.02346	.00796	.00230	.05324	-.00007	.39986	.00013	94.768	.00074	-.00006	I714-01D
143	I714-01J	.00065	.01087	.00200	.01137	-.00007	.08058	-.00002	20.028	.00014	.00003	I714-01J
144	I714-01M	5.8933	2.7257	.58681	.57403	.49140	.96315	.53166	144.08	.51945	.48141	I714-01M
145	I714-01S	5.8765	2.7077	.59173	.57835	.48722	.95283	.53177	145.61	.52190	.48171	I714-01S
146	CCV13	105.58	1.5616	1.0852	2.1308	1.5131	2.5587	2.0682	78.922	2.6405	.95778	CCV13
147	CCB13	.00583	.01352*	.00180	.00006	.00005	.00250	.00007	.02037	.00008	.00014	CCB13
148	ICSA3	395.07	.00754	-.00189	-.00003	-.00003	-.00160	-.00100	483.43	.00041	-.00106	ICSA3
149	ICSAB3	390.61	1.0328	1.0924	.54572	.47349	.50163	1.0113	479.40	.48513	.45414	ICSAB3
150	CCV14	105.41	1.5603	1.0912	2.1254	1.5182	2.5590	2.0730	79.203	2.6432	.95933	CCV14
151	CCB14	.00423	.00903*	.00140	-.00001	.00002	.00198	.00009	.05305	.00006	-.00003	CCB14
152	I036-01	4.0572	.03219	.05151	.25904	.00097	.01030	.90014	401.99	.04970	.01597	I036-01
153	I036-02	5.2095	.01722	.04115	.05884	.00107	.00792	.31629	369.56	.04731	.00612	I036-02
154	I036-03	3.5492	.02050	.06199	.11295	.00126	.01321	.60353	437.62	.06565	.01037	I036-03
155	I036-04	5.0878	.01926	.04995	.15269	.00102	.00734	.59726	432.12	.05540	.00983	I036-04
156	I036-05	5.5646	.01835	.04668	.05448	.00117	.00647	.35774	375.01	.04947	.00648	I036-05
157	I036-06	9.9855	.02202	.05272	.13851	.00125	.00633	.60957	387.06	.05188	.01556	I036-06
158	I036-07	12.404	.01734	.04433	.12350	.00120	.00785	.36902	374.71	.05097	.00799	I036-07
159	I036-08	4.6514	.01913	.05439	.03624	.00098	.01006	.54815	468.15	.05670	.00824	I036-08
160	I036-09	4.0735	.02944	.05662	.27312	.00093	.00816	.93302	444.90	.05432	.01615	I036-09
161	I036-10	7.1448	.02878	.05509	.07139	.00161	.01160	1.0402	351.57	.06582	.01679	I036-10
162	CCV15	105.76	1.5401	1.0876	2.1137	1.4945	2.5347	2.0579	77.934	2.6071	.95164	CCV15
163	CCB15	.00263	.00694*	.00062	.00018	.00014	.00164	.00008	-.00161	.00011	.00004	CCB15
164	I036-11	5.3203	.03181	.05442	.08834	.00214	.01442	.98299	595.60	.06928	.01625	I036-11
165	I036-12	4.3317	.02903	.04888	.04808	.00166	.03750	1.1875	416.90	.07865	.01081	I036-12
166	I036-13	4.0344	.02369	.06023	.11447	.00121	.00964	.91424	393.42	.06342	.01448	I036-13
167	I036-14	5.5159	.02210	.05386	.07211	.00184	.01093	.84854	434.84	.06016	.01694	I036-14
168	I036-15	6.4226	.02605	.04835	.04711	.00157	.01087	1.1288	336.45	.06046	.01736	I036-15

169	1036-16	4.5029	.02928	.05658	.12442	.00175	.03524	2.1504	480.30	.03648	.02048	1036-16
170	1036-17	5.6627	.03345	.08286	.09044	.00212	.03983	2.2664	360.57	.07054	.04416	1036-17
171	1036-18	4.4812	.02781	.04953	.05270	.00159	.01108	1.2584	432.91	.06863	.01128	1036-18
172	CC416	103.69	1.5312	1.0890	2.1269	1.4778	2.5420	2.0410	77.686	2.6169	.94212	CC416
173	CC516	.00511	.00631*	.00193	.00814	.00206	.00144	.00412	-.00403	.00510	.00009	CC516
174	IP1043WB	-.00176	.00016	.00285	.00027	.00302	.00032	.00013	.03395	.00023	.00012	IP1043WB
175	IP1043WL	5.9016	2.2476	.59309	.66510	.60896	.56308	.54257	52.899	.55110	.48971	IP1043WL
176	IP1043WC	5.7889	2.9646	.58788	.54890	.50442	.56398	.53730	53.350	.54207	.48548	IP1043WC
177	WT1C0253	.02966	.01751	.00748*	.00270*	.00004	.00869	-.00202	.13874*	.00325*	.00009	WT1C0253
178	1064-01A	49.476	2.9635	.64054	.80534	.50330	.61454	.56033	75.339	.56425	.50579	1064-01A
179	1064-01T	42.148	.06616	.02031	.25856	.00044	.07199	.00051	74.135	.01357	.00308	1064-01T
180	1064-01J	8.5609	.00292	.00194	.05250	.00007	.01462	.00008	4.9375	.00268	.00063	1064-01J
181	1064-01H	53.728	.52867	.14159	.40216	.09550	.19054	.10703	35.123	.12055	.09909	1064-01H
182	1064-01S	49.586	.53241	.14432	.39385	.09916	.19016	.10953	36.857	.12239	.10988	1064-01S
183	1064-02T	102.58	.00175	.02897	.26648	.00203	.19753	.00057	34.657	.02255	.00542	1064-02T
184	CC417	105.37	1.5533	1.3132*	2.1829	1.4989	2.5585	2.0721	76.785	2.6631	.95532	CC417
185	CC817	.00422	.00583*	.00224	.00009	.00308	.00156	.00009	.02493	.00019	.00002	CC817
1500	LSID	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00083	.00005	.00010	-.00001	.00001	.00003	.00003	-.00074	-.00034	.00001	Blank
2	S20			.20660			.10759					S20
3	S21			2.0342			1.0588					S21
4	S22	.27993	.04927									S22
5	S23	2.7494	1.9698									S23
6	S24							.71251				S24
7	S25							7.0706				S25
8	S26								.78877	.25B33		S26
9	S27								7.2993	2.4785		S27
10	S28					.11908						S28
11	S29					.48450						S29
12	S30				.02239						.00135	S30
13	S31				.10947						.00533	S31
14	ICV	2.4894	24.325	2.4044	.51735	59.072	2.3648	2.5411	2.5772	61.734	1.0464	ICV
15	ICB	-.00027	-.00743	-.00032	.00000	-.00333	.00005	.00092*	.00003	.01363	.00077	ICB
16	MRLI1601	.00977	.19829	.01076	.01074	.94979	.01038	.01062	.01070	1.0146	.01199	MRLI1601
17	MRLI1602	.00989	.09608	.00283	.09997	.19360	.00515	.01020	.01079	1.0021	.01132	MRLI1602
18	ICSA1	-.00036	183.40	.00000	.00172	187.23	.00191	-.00226	-.00085	-.02328	.00111	ICSA1
19	ICSA81	.50546	182.56	.90567	1.0603	1B5.77	.44520	1.0125	.99200	79.821	1.0526	ICSA81
20	CCV1	2.4827	24.048	2.4061	.51390	58.429	2.3547	2.5565	2.5752	62.362	1.0574	CCV1
21	CCB1	.00006	-.00537	-.00023	-.00011	.00405	.00017	.00092*	.00013	.01702	.00127	CCB1
22	IPI045WB	-.00001	-.00383	-.00015	-.00067	.00734	.00025	.00020	.00051	.01682	-.00012	IPI045WB
23	ZZZZZZZ	.51824	5.2317	.51697	-.00040*	49.987	.50202	.51825	.53640	53.505	.56136	ZZZZZZZ
24	ZZZZZZZ	.52268	5.2574	.52635	-.00003*	49.184	.50768	.51977	.54356	54.089	.56972	ZZZZZZZ
25	I051-01A	.51769	5.1750	.51093	-.00021	58.944	.49424	.50576	.50159	54.349	.55779	I051-01A
26	I051-01	.00055	-.01045	.00284	.00086	11.045	.00044	.00058	.00188	1.5038	.00120	I051-01
27	I051-01J	-.00014	-.00568	.00025	.00051	2.2241	.00007	.00026	.00045	.27235	.00144	I051-01J
28	I051-01M	.51074	5.1326	.50979	.00009	61.076	.49429	.51336	.52800	55.784	.56442	I051-01M
29	I051-01S	.50905	5.0768	.51127	-.00028	60.765	.49762	.52257	.53097	57.187	.55533	I051-01S
30	I166-01	.00184	.19435	.00296	.00234	17.737	.97321	.00961	.00150	3.3396	.00096	I166-01
31	I166-02	.00044	.05130	.00011	.00236	17.042	.06057	.00008	.00230	3.2147	.00056	I166-02
32	CCV2	2.4427	24.038	2.3966	.50820	59.186	2.3401	2.5234	2.5622	62.365	1.0514	CCV2
33	CCB2	-.00024	-.00894	-.00009	.00021	-.00345	.00015	.00102*	.00011	.01212	.00046	CC82
34	I031-20	.00095	-.00706	-.00015	-.00040	.01076	.00024	.00025	.00038	.03743	.00023	I031-20
35	I043-02	.00046	32.181	.00273	.01016	33.659	.65639	-.00055	.00154	5.4527	-.00160	I043-02
36	I043-03	.00044	.52496	.00245	.00654	35.298	.28371	.00286	.00045	5.0868	-.00142	I043-03
37	I043-04	.00019	.44348	.00228	.00644	33.828	.27325	.00320	.00100	4.9684	-.00145	I043-04
38	I043-05	.00045	.28651	.00271	.00731	38.244	.23784	.00296	.00050	5.4134	.00125	I043-05
39	H661-09	.00274	.22685	.00892	.10277	761.87	3.3620	-.00394	-.00030	51.731	.00704	H661-09
40	H661-10	.00051	.30201	.00304	.01602	103.55	.57421	.00140	.00044	10.310	.00010	H661-10
41	H633-02	.00040	1.7848	.00245	.02058	34.094	.18746	.00108	.00481	10.533	.00031	H633-02
42	H633-04	.00023	2.2051	.00308	.05129	43.127	.03842	.00167	.00243	17.479	.00108	H633-04
43	H633-05	.00040	2.2501	.00300	.05205	43.516	.03914	.00169	.00233	17.320	.00103	H633-05
44	CCV3	2.4535	24.876	2.3958	.50829	60.280	2.3601	2.5067	2.5585	61.577	1.0547	CCV3
45	CC83	-.00019	-.00622	.00022	-.00018	.00346	.00017	.00087	.00028	.10597	.00143	CC83
46	I006-01	.00014	2.5436	.00318	.02023	42.181	.05352	.00016	.00066	20.807	-.00005	I006-01
47	I005-02	.00951	-.01093	.00277	.02669	31.443	.03625	.00016	.00170	2.7038	.00099	I005-02
48	I005-03	.00071	-.01128	.00284	.01798	14.831	.00000	.00029	.00077	2.7436	-.00007	I005-03
49	I005-03M	.496B5	5.1601	.49282	.01807	63.421	.48200	.49942	.50642	54.987	.54635	I005-03M
50	I005-03S	.49100	5.0879	.49270	.01825	64.418	.48280	.49944	.50708	55.460	.54750	I005-03S
51	I005-05	.00099	-.01144	.00248	.01824	14.987	.00015	.00104	.00065	2.8129	.00066	I005-05
52	I019-02	.00102	2.5988	.00704	.07085	471.38	3.1911	-.00117	.00010	36.818	-.00238	I019-02
53	I019-03	.00090	4.4020	.00437	.02655	148.33	1.1392	-.00099	.00030	14.005	-.00089	I019-03
54	I019-04	.00088	4.5446	.00466	.02577	149.72	1.1583	-.00093	.00010	14.049	-.00058	I019-04

55	CCV4	2.4784	24.909	2.4065	.51562	59.645	2.3641	2.5305	2.5718	62.594	1.0581	CCV4
56	CCB4	-.00012	-.00632	.00025	.00030	.00146	.00030	.00105*	.00024	.12293	.00106	CCB4
57	IPI045WL	.45583	4.7369	.47581	-.00111*	47.636	.46247	.51171	.50480	52.700	.48895	IPI045WL
58	IPI045WC	.46008	4.7298	.47796	-.00052*	47.140	.46482	.51689	.50737	52.909	.49015	IPI045WC
59	ICSA2	-.00042	186.46	-.00115	.00187	186.80	.00190	-.00243	-.00103	.05418	.00279	ICSA2
60	ICSAB2	.49946	184.45	.89624	1.0561	181.25	.44245	1.0047	.97952	79.992	1.0604	ICSAB2
61	CCV5	2.4432	24.403	2.4049	.51885	59.303	2.3574	2.5305	2.5618	64.086	1.0686	CCV5
62	CCB5	-.00027	-.00595	-.00002	-.00010	.00383	.00009	.00102*	.00016	.05504	.00032	CCB5
63	IPI040SB	-.00018	-.00536	.00006	-.00026	.01236	.00032	.00024	.00058	.02699	.00095	IPI040SB
64	IPI040SL	.46250	4.7769	.47396	-.00079*	44.651	.46056	.5172B	.49681	49.191	.49037	IPI040SL
65	IPI040SC	.46610	4.8083	.47604	-.00075*	45.106	.46292	.52250	.49767	49.585	.49275	IPI040SC
66	H365-21A	.49984	45.729	.51116	.01324	47.847	.60745	.51707	.52618	54.282	.51767	H365-21A
67	H365-21	.00444	43.991	.02228	.01329	2.0201	.13983	.00235	.03406	3.2392	.00314	H365-21
68	H365-21J	.00073	8.7806	.00426	.00247	.40509	.02845	.00053	.00680	.67507	.00149	H365-21J
69	H365-21M	.49086	40.155	.50030	.01607	48.320	.56395	.51244	.55109	53.469	.50260	H365-21M
70	H365-21S	.48776	46.595	.50033	.01889	48.499	.57825	.50235	.55135	52.964	.49118	H365-21S
71	H380-06	.04970	90.847	.06979	.01380	12.247	.17261	.00143	.08070	5.3705	.00241	H380-06
72	CCV6	2.4360	24.227	2.4055	.51537	58.802	2.3289	2.5413	2.5662	64.302	1.0639	CCV6
73	CCB6	-.00029	-.00795	-.00017	-.00010	-.00340	.00001	.00089	.00010	.02033	.00118	CCB6
74	IPI039SB	-.00031	-.00889	-.00053	-.00055	-.00907	-.00010	.00022	.00008	-.00291	.00131	IPI039SB
75	IPI039SL	.52624	5.4656	.52260	-.00051*	49.553	.51256	.51798	.53754	54.659	.60258*	IPI039SL
76	IPI039SC	.50388	5.2310	.50211	-.00062*	47.382	.49337	.50329	.51744	52.586	.57063	IPI039SC
77	H365-01A	.50420	57.588	.51432	.01203	48.907	.62682	.52954	.52794	55.180	.52253	H365-01A
78	H365-01	.00379	54.398	.01969	.01195	2.2598	.14709	.00379	.02850	3.4211	.00243	H365-01
79	H365-01J	.00070	10.741	.00396	.00250	.44891	.02928	.00076	.00567	.67612	.00167	H365-01J
80	H365-01M	.48473	48.259	.49299	.02261	48.665	.59969	.50704	.55300	54.707	.49393	H365-01M
81	H365-01S	.48642	56.041	.49246	.02559	49.272	.63379	.50081	.56082	53.574	.48631	H365-01S
82	H365-02	.00531	29.992	.03682	.01102	1.9085	.09357	.00229	.01816	2.7461	.00111	H365-02
83	H365-03	.08777	41.749	.65874	.01399	2.2376	.18339	.00239	.02850	3.1109	.00162	H365-03
84	CCV7	2.4148	24.178	2.3699	.50817	58.223	2.3145	2.4999	2.5227	63.436	1.0613	CCV7
85	CCB7	-.00019	-.00635	.00006	-.00005	.00026	.00006	.00092*	-.00002	.00943	.00143	CCB7
86	H365-04	.05154	32.503	.46396	.01298	2.3672	.24895	.00207	.02512	3.0656	.00205	H365-04
87	H365-05	.04832	33.384	.26972	.01237	2.3018	.30507	.00183	.02327	3.0716	.00278	H365-05
88	H365-06	.00474	36.756	.01741	.01394	2.5738	.33974	.00205	.02842	3.1282	.00163	H365-06
89	H365-07	.00625	32.986	.02806	.01403	2.3671	.35207	.00190	.02958	3.7793	.00194	H365-07
90	H365-08	.00857	31.223	.02760	.01309	2.2382	.35903	.00169	.02725	3.5589	.00299	H365-08
91	H365-09	.01712	43.791	.05481	.01840	3.2748	.94218	.00220	.04002	4.1839	.00260	H365-09
92	H365-10	.02941	40.257	.24151	.01900	3.1215	.67528	.00215	.03931	3.6883	.00282	H365-10
93	H365-11	.00866	33.023	.03263	.01300	2.3989	.26954	.00163	.02606	3.0300	.00201	H365-11
94	H365-12	.31397	35.888	3.8376	.01576	2.7605	.47611	.00184	.02971	3.7182	.00149	H365-12
95	H365-13	.00963	39.342	.03223	.01624	2.8241	.61808	.00207	.03178	3.5606	.00223	H365-13
96	CCV8	2.3979	23.806	2.3678	.51269	57.893	2.3093	2.5050	2.5236	64.246	1.0519	CCV8
97	CCB8	-.00033	-.00670	.00007	-.00057	.00030	-.00002	.00101*	-.00003	-.01108	.00112	CCB8
98	H365-14	.01062	35.417	.04438	.01453	2.3812	.23807	.00200	.02689	3.6613	.00292	H365-14
99	H365-15	.32845	33.027	6.6561	.01462	2.7225	.50797	.00207	.02596	3.6592	.00202	H365-15
100	H365-16	.00425	30.583	.01621	.01171	2.1127	.24034	.00162	.02137	2.8455	.00122	H365-16
101	H365-17	.01055	36.262	.02417	.01499	2.5936	.50604	.00191	.03052	3.2067	.00126	H365-17
102	H365-18	.01373	40.600	.02493	.01719	2.9048	.55485	.00206	.03437	3.5660	.00228	H365-18
103	H365-19	.50126	36.562	2.4563	.01404	2.9916	.49126	.00196	.02966	3.5313	.00209	H365-19
104	H365-20	.01623	29.947	.05343	.00942	1.8128	.10436	.00171	.01943	2.9746	.00223	H365-20
105	CCV9	2.4861	24.533	2.3977	.52387	57.527	2.3596	2.5579	2.5568	63.482	1.0792	CCV9
106	CCB9	-.00002	-.00757	-.00017	-.00046	.00171	.00010	.00090	.00003	-.01483	.00131	CCB9
107	IPI041SB	.00000	-.00520	.00007	-.00059	.00363	.00011	.00015	.00045	.00875	.00034	IPI041SB
108	IPI041SL	.45708	4.6979	.46382	-.00033*	44.139	.45616	.50489	.49198	49.561	.48322	IPI041SL
109	IPI041SC	.46342	4.7501	.47216	-.00069*	45.313	.46299	.51262	.50100	51.232	.48923	IPI041SC
110	I068-01A	.51612	30.872	.79614	.00249	49.170	.73245	.50661	.50248	52.755	.53592	I068-01A
111	I068-01T	.01483	26.326	.31076	.00295	2.5538	.26218	.00040	.01258	.72820	.00054	I068-01T

112	I068-01J	.00289	5.4008	.06384	.00048	.52391	.05372	.00012	.00246	.14529	.00054	I068-01J
113	I068-02T	.29289	8.7237	2.4968	.00055	3.1815	.14946	.00027	.01041	.22998	.00114	I068-02T
114	I068-03T	.08330	6.6951	2.4913	.00011	3.7528	.09214	-.00206	.00802	.18100	.00046	I068-03T
115	I068-04T	.05254	4.1491	2.4725	.00039	2.6913	.09065	-.00126	.00701	.16188	.00120	I068-04T
116	I068-05T	.02451	4.8152	2.4475	.00017	3.4780	.08815	-.00085	.00773	.13568	.00060	I068-05T
117	CCV10	2.4149	24.090	2.3771	.52030	58.693	2.3281	2.5038	2.5297	64.793	1.0612	CCV10
118	CCB10	-.00023	-.00904	-.00020	-.00078	-.00030	.00003	.00099*	.00023	-.03673	.00119	CCB10
119	I068-06T	.00312	2.8397	.07390	.00347	1.6718	.12907	.00032	.00882	.67456	-.00044	I068-06T
120	I068-07T	.01946	2.3722	2.0907	.00013	2.1577	.03164	-.00109	.00499	.10884	.00190	I068-07T
121	I068-08T	.02018	17.214	2.1187	.00141	3.1429	.28676	-.00129	.00783	.29722	.00161	I068-08T
122	I068-09T	.03059	13.612	2.3798	.00128	4.1657	.15455	-.00257	.01242	.21051	.00069	I068-09T
123	H638-17T	.11013	14.685	25.881	.00161	9.2245	.24287	-.00113	.03506	.43861	.00261	H638-17T
124	H638-19T	.13568	18.032	28.282	.00128	11.907	.30323	-.00156	.04142	.47153	.00267	H638-19T
125	CCV11	2.4617	24.433	2.3779	.52111	57.386	2.3388	2.5350	2.5349	63.227	1.0695	CCV11
126	CCB11	.00003	-.00703	.00028	-.00038	-.00171	.00011	.00105*	.00014	-.00962	.00138	CCB11
127	H354-05A	1.0467	10.112	.98095	.01983	157.42	.97125	1.0225	.97381	96.509	1.1838	H354-05A
128	H354-05T	.00061	.00994	.00033	.01901	110.10	.01594	.00076	.00003	38.709	.00147	H354-05T
129	H354-05J	.00022	-.00717	.00028	.00399	22.491	.00341	.00019	-.00001	7.6179	.00100	H354-05J
130	H354-05M	.10449	1.0333	.09980	.01860	119.40	.11319	.10700	.10619	50.813	.12037	H354-05M
131	H354-05S	.10402	1.0293	.09961	.01875	120.42	.11313	.10758	.10630	51.328	.11953	H354-05S
132	H354-05	.00083	-.02263	.00030	.01894	113.44	.01643	.00039	.00039	40.175	.00076	H354-05
133	H354-05M	.10816	1.0329	.10158	.01991	124.04	.11592	.11521	.10984	52.498	.12337	H354-05M
134	H354-05S	.10951	1.0370	.10423	.01919	120.85	.11713	.11448	.11135	52.468	.12633	H354-05S
135	CCV12	2.5033	24.710	2.4171	.52941	57.636	2.3548	2.5790	2.5739	65.056	1.0909	CCV12
136	CCB12	-.00009	-.00613	-.00015	-.00051	-.00248	.00001	.00114*	.00012	.01290	.00156	CCB12
137	IPI046WB	.00012	-.00755	.00011	-.00031	.00905	.00030	.00018	.00053	.03605	-.00015	IPI046WB
138	IPI046WL	.51699	5.3083	.51494	-.00061*	47.515	.50214	.51301	.52912	54.787	.57979	IPI046WL
139	IPI046WC	.51018	5.1941	.50967	-.00010*	47.611	.49513	.51700	.52573	55.513	.56818	IPI046WC
140	I714-01A	.53276	5.1943	.50601	.00622	81.075	.51011	.52259	.50013	72.450	.57805	I714-01A
141	I714-01	.00755	.00009	.00288	.00587	34.820	.03217	.00562	.00311	18.293	.00027	I714-01
142	I714-01D	.00710	-.00304	.00303	.00608	34.812	.03170	.00504	.00279	18.258	.00159	I714-01D
143	I714-01J	.00142	-.00813	.00072	.00073	7.2558	.00663	.00108	.00068	3.5765	.00032	I714-01J
144	I714-01M	.51921	5.0968	.49817	.00654	81.954	.50368	.53075	.51881	73.335	.57204	I714-01M
145	I714-01S	.52230	5.0923	.49718	.00624	81.837	.50712	.52853	.51785	73.452	.57699	I714-01S
146	CCV13	2.4863	24.564	2.4136	.53128	57.440	2.3446	2.5729	2.5673	65.242	1.0842	CCV13
147	CCB13	.00000	-.00659	.00034	-.00031	-.00098	.00019	.00118*	.00013	.04043	.00151	CCB13
148	ICSA3	-.00026	186.45	-.00130	.00160	181.95	.00186	-.00222	-.00093	.00338	.00365	ICSA3
149	ICSAB3	.50349	184.77	.90405	1.0872	179.71	.44141	1.0159	.98128	83.401	1.0840	ICSAB3
150	CCV14	2.4997	24.762	2.4185	.53059	57.781	2.3410	2.5746	2.5736	64.834	1.0892	CCV14
151	CCB14	.00006	.05600*	.00019	-.00002	-.00123	.00035	.00110*	.00033	.01629	.00092	CCB14
152	I036-01	.62238	61.595	4.2438	.00459	197.53	1.6408	-.00349	.07960	1.9213	.00625	I036-01
153	I036-02	.69586	43.823	7.2200	.00528	176.87	1.3778	-.00307	.06236	1.9524	.00592	I036-02
154	I036-03	1.7214	65.823	10.178	.00469	213.96	1.7770	.00060	.07141	2.5598	.01055	I036-03
155	I036-04	.93246	56.702	11.387	.00514	211.78	1.6656	-.00453	.06310	1.9708	.00606	I036-04
156	I036-05	.69170	49.330	6.7242	.00532	181.73	1.4219	-.00380	.05761	2.0438	.00558	I036-05
157	I036-06	1.3299	57.396	10.774	.00471	188.53	1.6715	-.00463	.07074	2.2058	.00809	I036-06
158	I036-07	.95038	51.997	7.5958	.00555	182.45	1.3906	-.00441	.07186	2.0261	.00451	I036-07
159	I036-08	1.3260	61.017	8.9661	.00404	231.06	1.8100	-.00413	.07022	1.9112	.00806	I036-08
160	I036-09	.70358	69.158	4.6518	.00438	220.19	1.8019	-.00363	.08166	1.9368	.00655	I036-09
161	I036-10	.76234	85.648	27.508	.00794	107.74	1.6361	.00102	.11058	2.7634	.00660	I036-10
162	CCV15	2.5043	24.619	2.3998	.52680	56.466	2.3106	2.5691	2.5591	63.984	1.0818	CCV15
163	CCB15	.00002	-.00507	-.00005	-.00067	.00662	.00030	.00104*	.00019	.00683	.00115	CCB15
164	I036-11	1.2602	63.410	36.830	.01009	91.523	1.5009	.00245	.11497	3.5080	.01066	I036-11
165	I036-12	.79711	49.068	20.667	.00638	98.239	1.1873	.00951	.08549	2.6806	.01058	I036-12
166	I036-13	.79960	56.111	16.397	.00403	78.792	1.1088	-.00064	.08721	2.8002	.00907	I036-13
167	I036-14	.73713	52.065	15.232	.00669	109.28	1.4460	-.00122	.09496	3.4622	.01115	I036-14
168	I036-15	.89317	47.438	25.920	.00624	107.65	1.2670	-.00137	.10945	2.7678	.01377	I036-15

169	I036-16	1.3490	78.522	53.682	.00566	106.04	1.7919	.00140	.14586	3.0140	.02168	I036-16
170	I036-17	2.1226	75.890	23.251	.00756	109.39	1.7746	.00231	.13847	3.2451	.01813	I036-17
171	I036-18	.91189	49.585	20.276	.00692	99.456	1.2303	.01119	.08661	2.8909	.00834	I036-18
172	CCW16	2.4755	24.331	2.3846	.52930	56.040	2.3238	2.9553	2.6309	64.785	1.0639	CCW16
173	CCB16	-.00009	.00457	.00001	-.00063	.00390	.00002	.00107*	.00017	.00938	.00058	CCB16
174	IPI043W8	.00020	-.00073	.00016	.00079	.00169	.00001	.00018	.00074	.01775	-.00022	IPI043W8
175	IPI043WC	.52200	5.2960	.51565	-.00042*	46.878	.50138	.51815	.52919	55.779	.59614	IPI043WC
176	IPI043WO	.51565	5.2169	.50996	-.00041*	47.238	.49723	.52375	.52429	56.413	.57819	IPI043WO
177	WTI00259	.00130	.00349	-.00021	.00427	.01663	.00929	.00091	.00129	1.3047*	.00755*	WTI00259
178	I064-01A	.56747	6.1748	.51672	.00788	47.232	2.1120	.53820	.51974	56.096	.64163	I064-01A
179	I064-01T	.02862	3.0992	.00147	.00721	2.1653	7.6751	.00174	.01651	1.3160	.00764	I064-01T
180	I064-01J	.00581	.69004	.00258	.01138	.45107	.34133	.00044	.00334	.33628	.00220	I064-01J
181	I064-01M	.12383	4.5832	.10806	.00865	11.239	2.0096	.10622	.11967	12.574	.13066	I064-01M
182	I064-01S	.13444	4.4479	.11035	.00843	11.160	1.5236	.10707	.12093	12.645	.13766	I064-01S
183	I064-02T	.00608	4.6022	.00230	.00497	3.4169	2.7541	.00403	.02695	1.4174	.01106	I064-02T
184	CCW17	2.5402	24.767	2.4220	.54442	56.345	2.3526	2.6985	2.5731	66.235*	1.1296*	CCW17
185	CCB17	.00022	.00614	.00004	-.00020	-.00151	.00018	.00114*	.00016	.06550	.00120	CCB17
INDX	LSID	Cu	Fe	Pb	[illegible]	Mg	Mn	Mo	Ni	S	Se	LSID

INDEX	LSID	Ag	Ba	Cr	Fe	Mn	Ni	V	Zn	LSID
1	Blank	.00012	.00068	-.00018	-.00030	.00004	.00003	-.00021	.00109	Blank
2	S20									S20
3	S21									S21
4	S22							.12663		S22
5	S23							1.2711		S23
6	S24		.79104							S24
7	S25		4.4662							S25
8	S26									S26
9	S27									S27
10	S28				.13013					S28
11	S29				1.1305					S29
12	S30	.00909		.11013		.07456	.01671		.59602	S30
13	S31	.19126		.54652		.12090	.08247		5.8050	S31
14	ICV	.51120	64.035	.49098	2.3963	.49646	.53251	1.5166	2.6859	ICV
15	ICB	-.00010	.02041	-.00007	.00026	.00011	.00152	-.00005	.00041	ICB
16	MRL1001	.01019	1.0508	.01023	.01082	.00024	.01035	.01043	.01134	MRL1001
17	MRL1002	.00935	.54098	.01026	.01042	.00990	.00962	.01011	.02322	MRL1002
18	ICSA1	-.00013	.05688	.01015	.01204	.00259	.00010	-.00027	.01244	ICSA1
19	ICSAB1	1.0742	81.642	.49191	.88308	.56702	.57078	.46569	1.0353	ICSAB1
20	CCV1	.51050	63.953	.49103	2.3991	.49521	.53280	1.5171	2.6875	CCV1
21	CCB1	-.00006	.07579	.00012	.00089	.00013	.00029	-.00001	.00053	CCB1
22	IP104846	.00008	.01256	.00004	.00152	-.00032	.00005	.00050	.00228	IP104546
23	2272222	.56113	54.517	.49149	.52479	.51282	.53586	.54218	.56959	2272222
24	2277722	.51809	62.717	.49095	.57994	.49620	.53642	.54827	.57671	2277222
25	D051-01A	.44203	111.64	.74223	.51372	.48915	.51328	.53265	.57175	D051-01A
26	D051-01	.00598	61.691	.26834	.00063	.00864	.00100	.00566	.00622	D051-01
27	D051-01B	.00147	17.166	.03894	.00016	.00219	.00025	.00002	.00363	D051-01B
28	D051-01M	.44444	112.94	.76181	.50663	.47153	.53191	.53595	.57289	D051-01M
29	D051-01S	.26658	114.48	.76131	.80978	.49181	.53507	.53706	.57230	D051-01S
30	D166-01	.00185	199.96	.21516	.00106	.00695	.00714	.00623	.00388	D166-01
31	D166-02	.00169	203.65	.15052	.01362	.00650	.00142	-.00018	.01035	D166-02
32	D042	.51179	65.229	.49599	2.3627	.49546	.50437	1.5271	2.6901	D042
33	D052	.00194*	.04664	-.00030	.00085	.00030	.00018	-.00002	.00020	D052
34	D031-20	-.00024	.24390	.00120	.00057	.00015	-.00035	.00000	.00280	D031-20
35	D043-02	-.00030	88.269	1.0134	.00078	-.00039	.00035	.00154	.00245	D043-02
36	D043-03	.00019	90.303	1.0175	.00071	-.00021	.00733	.00041	.00245	D043-03
37	D043-04	-.00011	79.744	1.0165	.00117	-.00033	.00227	-.00047	.00355	D043-04
38	D043-06	.00027	98.423	1.0255	.00099	-.00036	.00277	-.00043	.00271	D043-06
39	H661-09	-.00030	*****	18.144	.00015	-.00037	-.02711*	.00047	.00939	H661-09
40	H661-10	-.00041	597.54	2.9938	.00190	-.00128	.00064	-.00057	.00789	H661-10
41	H633-02	.00017	38.638	.05052	.00064	-.00031	.00241	-.00039	.00673	H633-02
42	H633-04	-.00031	64.193	.54287	.00026	-.00021	.00165	-.00036	.00543	H633-04
43	H633-05	-.00022	66.301	.54082	.00030	-.00024	.00183	-.00024	.00698	H633-05
44	D073	.51056	64.262	.49149	2.3675	.49478	.50729	1.5300	2.7374	D073
45	D083	-.00005	.23722*	-.00006	.00087	-.00008	.00052	.00095	.00037	D083
46	D005-01	.00000	53.105	.46420	.00117	-.00018	.00150	.00021	.01148	D005-01
47	D005-02	-.00023	46.810	.44479	.00058	-.00011	.00759	.00167	.01377	D005-02
48	D005-03	-.00012	87.158	.91815	.00042	-.00051	.00174	.00129	.00616	D005-03
49	D005-03M	.21944	143.32	.69318	.48541	.48548	.50748	.51556	.56077	D005-03M
50	D005-03S	.40011	137.92	.66377	.48270	.48916	.51686	.52567	.55371	D005-03S
51	D005-05	.00069	87.396	.21572	.00024	.01372	.01250	.00103	.00938	D005-05
52	D019-02	.00179	*****	.14172	.00026	.01495	-.02242*	-.00181	.00395	D019-02
53	D019-03	.00159	849.71*	5.0591	.00029	.00156	-.00007	-.00082	.00220	D019-03
54	D019-04	-.00025	861.49*	5.1684	.00051	.00056	.00130	-.00089	.00011	D019-04

55	CCV4	.51377	65.664	.49375	2.3848	.49894	.50110	1.5327	2.7328	CCV4
56	CCB4	.00020	.27957*	-.00003	.00091	.00014	.00022	-.00013	.00066	CCB4
57	IPI045WL	.47899	52.238	.45429	.47108	.52145	.49839	.50878	.55200	IPI045WL
58	IPI045WC	.48015	52.571	.45749	.47525	.52298	.49907	.50761	.56401	IPI045WC
59	ICSA2	-.00004	.34456	.00025	-.00040	.00071	.00000	-.00044	.00177	ICSA2
60	ICSAB2	1.0656	83.127	.48478	.89199	.95703	.94664	.47971	1.0388	ICSAB2
61	CCV5	.51556	65.228	.49308	2.3772	.49109	.50385	1.5436	2.7324	CCV5
62	CCB5	-.00003	.14476*	-.00008	.00100	-.00022	.00052	-.00006	.00071	CCB5
63	IPI040SB	.00016	.07654	.00015	.00167	.00082	-.00029	.00011	.00248	IPI040SB
64	IPI040SL	.47216	50.174	.46182	.47489	.53933	.49626	.50054	.54661	IPI040SL
65	IPI040SC	.47337	51.091	.46851	.47928	.54098	.49954	.49921	.55317	IPI040SC
66	H365-21A	.47529	53.301	.51358	.49272	.51835	2.3788	.63843	.61270	H365-21A
67	H365-21	-.00009	.79158	.04802	-.00095	.03589	1.9784	.12863	.05500	H365-21
68	H365-21J	-.00027	.23992	.00965	.00020	.00724	.39763	.02561	.01087	H365-21J
69	H365-21M	.49455	54.231	.52592	.48478	.52118	2.0588	.60841	.57795	H365-21M
70	H365-21S	.48863	53.582	.51750	.47497	.51462	2.2808	.62044	.67347	H365-21S
71	H380-06	-.00029	6.3761	.43985	-.00117	.03675	.76737	.16004	.3318B	H380-06
72	CCV6	.51361	64.686	.49162	2.3877	.49232	.50452	1.5402	2.7228	CCV6
73	CCB6	-.00008	.08460	-.00007	.00078	-.00021	.00072	-.00004	.00025	CCB6
74	IPI039SB	-.00005	.07009	-.00012	.00036	-.00012	.00021	.00002	.00023	IPI039SB
75	IPI039SL	.55764	56.161	.50156	.53527	.51373	.53132	.54472	.59561	IPI039SL
76	IPI039SC	.53462	54.421	.48637	.51543	.49491	.51053	.52304	.57339	IPI039SC
77	H365-01A	.48159	54.252	.51704	.50100	.52404	2.2591	.67923	.63080	H365-01A
78	H365-01	.00020	.69717	.04100	-.00010	.03262	1.7857	.15774	.06628	H365-01
79	H365-01J	-.00011	.18058	.00812	-.00046	.00614	.35294	.03081	.01556	H365-01J
80	H365-01M	.49140	54.068	.51472	.47865	.51484	2.5041	.62428	.59466	H365-01M
81	H365-01S	.48745	53.547	.51258	.47058	.51533	2.7980	.64109	.59855	H365-01S
82	H365-02	-.00001	.68722	.03023	-.00065	.03368	1.3007	.08981	.02171	H365-02
83	H365-03	.00009	.73106	.07190	-.00149	.03507	1.6066	.10937	.04747	H365-03
84	CCV7	.50757	64.186	.48647	2.3557	.48540	.49569	1.5170	2.6957	CCV7
85	CCB7	-.00004	.05602	-.00004	.00098	-.00016	.00040	-.00009	-.00044	CCB7
86	H365-04	-.00010	.83699	.07668	-.00086	.03518	1.5262	.09553	.04365	H365-04
87	H365-05	-.00005	.67557	.06615	-.00064	.03576	1.3509	.09502	.03480	H365-05
88	H365-06	-.00006	.70766	.07748	-.00084	.03517	1.4175	.10021	.02755	H365-06
89	H365-07	-.00011	.60041	.05976	-.00095	.03365	1.3605	.08702	.02652	H365-07
90	H365-08	-.00017	.56950	.05885	-.00107	.03538	1.2759	.08132	.0262B	H365-08
91	H365-09	.00005	.71704	.12964	-.00133	.03506	1.5865	.11153	.03538	H365-09
92	H365-10	-.00019	.65393	.09852	-.00106	.03573	1.5673	.10398	.04158	H365-10
93	H365-11	-.00009	.68805	.04427	-.00078	.03494	1.3766	.08852	.02735	H365-11
94	H365-12	.00007	.70976	.13216	-.00166	.03655	1.3629	.09363	.12878	H365-12
95	H365-13	.00010	.59440	.08672	-.00127	.03554	1.4040	.10396	.03600	H365-13
96	CCV8	.50891	64.342	.48682	2.3556	.48325	.49717	1.5206	2.6928	CCV8
97	CCB8	.00001	.03261	-.00005	.00059	.00017	.00084	-.00008	-.00059	CCB8
98	H365-14	-.00012	.67631	.04365	-.00073	.03545	1.6083	.10309	.03021	H365-14
99	H365-15	.00053	.68007	.22516	-.00138	.03586	1.3190	.09173	.09080	H365-15
100	H365-16	-.00014	.51178	.04018	-.00072	.03559	1.3205	.08531	.02291	H365-16
101	H365-17	.00004	.57567	.06476	-.00077	.03537	1.3895	.09468	.02881	H365-17
102	H365-18	-.00004	.64106	.07354	-.00117	.03578	1.5395	.10627	.03101	H365-18
103	H365-19	.00011	.91875	.15565	-.00057	.03594	1.3136	.09222	.12489	H365-19
104	H365-20	-.00007	.63949	.04728	-.00061	.03327	1.4365	.09184	.02207	H365-20
105	CCV9	.51415	66.379*	.49953	2.4226	.49100	.49145	1.5171	2.7108	CCV9
106	CCB9	-.00002	.02647	-.00007	.00066	-.00038	.00030	-.00002	-.00073	CCB9
107	IPI041SB	.00004	.01995	.00006	.00136	.00109	-.00013	-.00004	.00129	IPI041SB
108	IPI041SL	.46677	51.587	.45103	.47052	.50425	.47234	.48650	.54494	IPI041SL
109	IPI041SC	.47681	52.938	.45776	.47793	.50981	.47959	.49619	.55544	IPI041SC
110	I068-01A	.48965	54.421	.48455	.50510	.49165	.58940	.55069	6.7286	I068-01A
111	I068-01T	-.00023	.06664	.01101	.00060	.00426	.09557	.03533	6.0546	I068-01T

112	I068-01J	-.00018	.02842	.00227	.00047	.00088	.01939	.00705	1.2329	I068-01J
113	I068-02T	.00016	.07360	.00838	.00039	.01220	.02857	.00678	12.291	I068-02T
114	I068-03T	.00002	.05692	.00989	.00023	.00520	.01940	.00542	23.307	I068-03T
115	I068-04T	-.00012	.07015	.01942	-.00022	.00679	.01699	.00406	15.132	I068-04T
116	I068-05T	-.00002	.06253	.01583	.00010	.00411	.01452	.00266	13.047	I068-05T
117	CCV10	.51404	65.208	.49060	2.3549	.48671	.49879	1.5367	2.7090	CCV10
118	CCB10	.00000	.02999	-.00010	.00058	-.00027	.00035	-.00012	-.00070	CCB10
119	I068-06T	-.00033	.13554	.16051	-.00039	.00286	.01061	.00496	.56840	I068-06T
120	I068-07T	-.00008	.04175	.00432	.00012	.00397	.00637	.00205	15.311	I068-07T
121	I068-08T	-.00006	.04918	.00875	-.00036	.00668	.05876	.02786	16.027	I068-08T
122	I068-09T	-.00001	.06548	.01242	.00036	.00391	.06225	.01499	26.562	I068-09T
123	H638-17T	.00018	.05274	.01837	.00021	.00460	.03475	.01341	26.074	H638-17T
124	H638-19T	.00018	.06290	.02271	-.00006	.00726	.03572	.01558	34.273	H638-19T
125	CCV11	.51047	65.994	.49545	2.4014	.48653	.48796	1.5093	2.6951	CCV11
126	CCB11	-.00006	.02560	-.00006	.00089	.00001	.00038	-.00006	-.00036	CCB11
127	H354-05A	1.1108	841.87*	1.8426	.95770	.96447	.98101	1.0600	1.1621	H354-05A
128	H354-05T	.00003	784.68*	.88720	-.00031	-.00030	.00286	-.00042	.00179	H354-05T
129	H354-05J	-.00020	171.94	.18145	.00042	-.00010	.00082	-.00041	.00215	H354-05J
130	H354-05M	.11500	799.61*	.99611	.09564	.10072	.10434	.10595	.11828	H354-05M
131	H354-05S	.11490	804.92*	.99415	.09604	.10163	.10520	.10622	.11908	H354-05S
132	H354-05	-.00004	812.94*	.92078	-.00001	-.00043	.00216	-.00031	.00194	H354-05
133	H354-05M	.11881	824.57*	1.0311	.09842	.10856	.11171	.10883	.12174	H354-05M
134	H354-05S	.12130	816.60*	1.0212	.10042	.10732	.11099	.11084	.12392	H354-05S
135	CCV12	.51804	67.356*	.50469	2.4453	.49290	.49608	1.5302	2.7346	CCV12
136	CCB12	-.00002	.16493*	-.00005	.00125	-.00018	.00036	-.00001	.00199	CCB12
137	IPI046WB	.00011	.14532*	.00007	.00111	-.00043	-.00018	-.00001	.00147	IPI046WB
138	IPI046WL	.43625	56.004	.49680	.53341	.47794	.51344	.53890	.57827	IPI046WL
139	IPI046WC	.54741	56.458	.49667	.52542	.50798	.51550	.53194	.56558	IPI046WC
140	I714-01A	.45907	323.82	.98400	.50145	.45581	.50122	.52953	.61949	I714-01A
141	I714-01	.00050	279.48	.51172	.00117	.00984	.00320	.00236	.04488	I714-01
142	I714-01D	.00004	278.24	.50651	.00032	.00401	.00277	.00195	.04622	I714-01D
143	I714-01J	.00030	59.231	.10525	-.00016	.00234	.00099	.00029	.00951	I714-01J
144	I714-01M	.55297	333.64	1.0059	.49149	.50352	.50990	.52085	.60849	I714-01M
145	I714-01S	.46844	337.82	1.0081	.49392	.48348	.50446	.52153	.61046	I714-01S
146	CCV13	.51911	67.564*	.50401	2.4385	.49448	.49433	1.5316	2.7285	CCV13
147	CCB13	.00006	.13211*	.00003	.00075	.00014	-.00004	-.00007	.00031	CCB13
148	ICSA3	-.00011	.20896	.00047	.00001	.00122	.00042	-.00042	.00227	ICSA3
149	ICSAB3	1.0857	85.700	.49392	.90536	.95234	.94988	.48677	1.0483	ICSAB3
150	CCV14	.51887	67.496*	.50453	2.4407	.49437	.49691	1.5325	2.7381	CCV14
151	CCB14	.00002	.08520	-.00009	.00112	.00005	.00034	-.00013	.00203	CCB14
152	I036-01	.00016	.75432	.12152	-.00095	.04077	.04933	.04726	154.37*	I036-01
153	I036-02	-.00018	.73529	.11358	-.00094	.04063	.05967	.04811	67.834*	I036-02
154	I036-03	.00006	.76944	.13085	-.00044	.04262	.02992	.05717	86.116*	I036-03
155	I036-04	.00006	.78451	.13374	-.00140	.04001	.05300	.05467	96.020*	I036-04
156	I036-05	-.00012	.80000	.11439	-.00105	.04332	.05124	.05063	83.400*	I036-05
157	I036-06	.00009	.74395	.12112	-.00163	.04108	.07601	.06031	103.30*	I036-06
158	I036-07	-.00005	.74341	.11506	-.00252	.04013	.09767	.06368	81.856*	I036-07
159	I036-08	-.00013	.83990	.14405	-.00064	.04294	.04570	.05611	95.695*	I036-08
160	I036-09	.00015	.75472	.13393	-.00155	.04105	.04892	.05164	159.46*	I036-09
161	I036-10	.00066	.64939	.15357	-.00103	.05530	.12434	.05288	138.55*	I036-10
162	CCV15	.51383	66.922*	.50228	2.4343	.48947	.48911	1.5122	2.7031	CCV15
163	CCB15	-.00007	.04624	-.00006	.00075	.00012	.00029	-.00003	.00075	CCB15
164	I036-11	.00055	.67536	.28836	-.00052	.04461	.05148	.04814	135.88*	I036-11
165	I036-12	.00061	.61979	.19423	-.00036	.04112	.03968	.04258	134.80*	I036-12
166	I036-13	.00059	.61530	.15845	-.00055	.04213	.04119	.04163	120.17*	I036-13
167	I036-14	.00050	.67069	.17362	-.00086	.03984	.04578	.05196	114.54*	I036-14
168	I036-15	.00068	.72745	.14506	-.00128	.04385	.08528	.05486	139.02*	I036-15

169	1036-16	.00078	.76031	.25775	-.00104	.04396	.03837	.04591	143.56*	1036-16
170	1036-17	.00082	.74681	.15764	-.00088	.04557	.05602	.05385	153.07*	1036-17
171	1036-18	.00056	.60026	.19773	-.00185	.04161	.04252	.04422	139.79*	1036-18
172	00916	.51493	67.362*	.50194	2.4252	.48368	.48436	1.5054	2.6939	00916
173	00815	.00005	.02707	-.00003	.00107	-.00034	.00026	.00010	.00104	00816
174	CP1043WB	.00002	.07864	.00014	.00131	-.00039	-.00021	-.00002	.00456	CP1043WB
175	CP1043WL	.44376	57.029	.60023	.54064	.47252	.51296	.53852	.57673	CP1043W
176	CP1043WC	.55139	67.454	.60222	.53229	.60262	.57203	.53164	.59671	CP1043WC
177	WT00259	.00035	*****	.00135*	-.02401*	.00974	.00035	.00003	.01664*	WT00259
178	1064-01A	.54585	816.10	.69999	.50573	.49980	.59439	.55069	2.7261	1064-01A
179	1064-01T	-.00005	573.70	.20050	-.00308	.00282	.09728	.01347	2.1703	1064-01T
180	1064-01J	-.00091	121.26	.04073	-.00041	.00049	.02079	.00272	.49553	1064-01J
181	1064-01H	.10767	675.44	.09809	.09281	.12019	.21039	.11752	2.6266	1064-01H
182	1064-01S	.10971	641.23	.31909	.09487	.13058	.20617	.11985	3.5090	1064-01S
183	1064-02T	.00015	611.69	.42772	-.00259	.00698	.07525	.02289	.27322	1064-02T
184	00917	.57471	69.059*	.51443	2.4906	.48856	.49972	1.5224	2.7294	00917
185	00817	.00003	.18150*	.00003	.00135	.00009	.00063	.00065	.00048	00817
240X	.SIO	Ag	Na	Sr	Ti	Sn	Ti	V	Zn	LSIO

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g ; ml)	pH	Extract volume (ml)
01	IPI045-WB	50	—	50
02	↓ -WL	50	—	50
03	↓ -WL	50	—	50
04	I031-20	50	<2	50
05	I043-02	50	<2	50
06	↓ -03	50	<2	50
07	↓ -04	50	<2	50
08	↓ -05	50	<2	50
09	H661-09	50	<2	50
10	↓ -10	50	<2	50
11	I051-01	50	<2	50
12	↓ -01M	50	<2	50
13	↓ -01S	50	<2	50
14	I006-01	50	<2	50
15	I005-02	50	<2	50
16	↓ -03	50	<2	50
17	↓ -03M	50	<2	50
18	↓ -03S	50	<2	50
19	↓ -05	50	<2	50
20	H633-02	50	<2	50
21	↓ -04	50	<2	50
22	↓ -05	50	<2	50
23	I019-02	50	<2	50
24	↓ -03	50	<2	50
25	↓ -04	50	<2	50
26	I166-01	50	<2	50
27	↓ -02	50	<2	50
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

9-14-10 MC

Book#: EIP-092
Batch: IPI045-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☐ EMAX-3010	4
☐ EMAX 3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-14-10	11:00	90°C
END	9-14-10	15:30	90°C

Standards	ID	Amount Added (ml)
LCS-1	SMIA-013028	0.25
LCS-2	↓ -29	0.25
LCS-3	↓ -30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SMIA-09-253	1.5+1.5
HCl	SMIA-↓-221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9-14-10

Date endorsed to waste Disposal:

Accepted By:

7063

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10H661

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 300.0
ANIONS BY IC

A total of three (3) water samples were received on 08/31/10 for (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) Anions by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, two (2) method blanks was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICH013WL/C were all within QC limits.
Percent recoveries for ICH081WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

Samples H661-08 and H661-09 for Nitrate-N were initially analyzed at 2x due to matrix interference.

Samples H661-08 and H661-09 for Nitrite-N were reported from DF 5x due to matrix interference.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 1CH661

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1CH081WB	ND	1	NA	0.500	0.250	08/31/1018:09	NA	AH45-27	AH45-25	1CH081W	NA	NA
LCS1W	1CH081WL	4.71	1	NA	0.500	0.250	08/31/1018:26	NA	AH45-28	AH45-25	1CH081W	NA	NA
LCD1W	1CH081WC	4.71	1	NA	0.500	0.250	08/31/1018:42	NA	AH45-29	AH45-25	1CH081W	NA	NA
IW-70-SNB310-A10	H661-38	23.0	5	NA	2.50	1.25	09/01/1001:27	NA	AH45-54	AH45-49	1CH081W	08/31/1009:30	08/31/10
MW-70-PMW07A-A10	H661-39	31.2	5	NA	2.50	1.25	09/01/1001:59	NA	AH45-56	AH45-49	1CH081W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-40	2.44	1	NA	0.500	0.250	09/01/1002:15	NA	AH45-57	AH45-49	1CH081W	08/31/1013:30	08/31/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1CH661

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFCD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	EC1013WB	ND	1	NA	0.200	0.100	09/07/1014:21	NA	A107-03	A107-01	EC1013W	NA	NA
LCS1W	EC1013WL	5.02	1	NA	0.200	0.100	09/07/1014:38	NA	A107-04	A107-01	EC1013W	NA	NA
LCD1W	EC1013WC	5.03	1	NA	0.200	0.100	09/07/1014:54	NA	A107-05	A107-01	EC1013W	NA	NA
TW-70-SMB310-A10	H661-08	5860	500	NA	100	50.0	09/07/1021:22	NA	A107-29	A107-25	EC1013W	08/31/1009:30	08/31/10
MW-7C-PMW07A-A10	H661-09	14100	1000	NA	200	100	09/07/1021:54	NA	A107-31	A107-25	EC1013W	08/31/1012:50	08/31/10
MW-7C-PMW07B-A10	H661-10	1420	100	NA	20.0	10.0	09/07/1022:10	NA	A107-32	A107-25	EC1013W	08/31/1013:30	08/31/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 10H561

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICH081WB	ND	1	NA	0.200	0.0500	08/31/1018:09	NA	AH45-27	AH45-25	ICH081W	NA	NA
LCS1W	ICH081WL	1.85	1	NA	0.200	0.0500	08/31/1018:26	NA	AH45-28	AH45-25	ICH081W	NA	NA
LCD1W	ICH081WC	1.85	1	NA	0.200	0.0500	08/31/1018:42	NA	AH45-29	AH45-25	ICH081W	NA	NA
TW-70-SHB31C-A10	H661-38	ND	2	NA	0.400	0.100	09/01/1001:11	NA	AH45-53	AH45-49	ICH081W	08/31/1009:30	08/31/10
MW-70-PMW07A-A10	H661-09	0.206J	2	NA	0.400	0.100	09/01/1001:43	NA	AH45-55	AH45-49	ICH081W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	ND	1	NA	0.200	0.0500	09/01/1002:15	NA	AH45-57	AH45-49	ICH081W	08/31/1013:30	08/31/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1CH661

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1CH081WB	ND	1	NA	0.200	0.0500	08/31/1018:09	NA	AH45-27	AH45-25	1CH081W	NA	NA
LCS1W	1CH081WL	2.01	1	NA	0.200	0.0500	08/31/1018:26	NA	AH45-28	AH45-25	1CH081W	NA	NA
LCD1W	1CH081WC	2.01	1	NA	0.200	0.0500	08/31/1018:42	NA	AH45-29	AH45-25	1CH081W	NA	NA
IW-70-SHB310-A10	H661-08	ND	5	NA	1.00	0.250	09/01/1007:27	NA	AH45-54	AH45-49	1CH081W	08/31/1009:30	08/31/10
MW-70-PMW07A-A10	H661-09	ND	5	NA	1.00	0.250	09/01/1007:59	NA	AH45-55	AH45-49	1CH081W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	ND	1	NA	0.200	0.0500	09/01/1002:15	NA	AH45-57	AH45-49	1CH081W	08/31/1013:30	08/31/10

METHOD 300.0
SULFATE

Client : INSIGHT GEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10H661

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DILF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1013WB	ND	1	NA	0.500	0.250	09/07/1014:21	NA	A107-03	A107-01	1C1013W	NA	NA
LCS1W	1C1013WL	4.88	1	NA	0.500	0.250	09/07/1014:38	NA	A107-04	A107-01	1C1013W	NA	NA
LCD1W	1C1013WC	4.87	1	NA	0.500	0.250	09/07/1014:54	NA	A107-05	A107-01	1C1013W	NA	NA
IW-70-SHB310-A10	H661-08	347	20	NA	10.0	5.00	09/07/1021:05	NA	A107-28	A107-25	1C1013W	08/31/1009:30	08/31/10
MW-70-PMW07A-A10	H661-09	1370	100	NA	50.0	25.0	09/07/1021:38	NA	A107-30	A107-25	1C1013W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	591	100	NA	50.0	25.0	09/07/1022:10	NA	A107-32	A107-25	1C1013W	08/31/1013:30	08/31/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 10H561
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: KBLKW
LAB SAMP ID: 1CH081WB 1CH081WL 1CH081WC
LAB FILE ID: AH45-27 AH45-28 AH45-29
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 08/31/1018:09 08/31/1018:26 08/31/1018:42 DATE RECEIVED: NA
PREP. BATCH: 1CH081W 1CH081W 1CH081W
CALIB. REF: AH45-25 AH45-25 AH45-25

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	4.71	94	5.00	4.71	94	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, LR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	IC1013WB	IC1013WC	IC1013WC		
LAB FILE ID:	A107-03	A107-04	A107-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1014:21	09/07/1014:38	09/07/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	IC1013W	IC1013W	IC1013W		
CALIB. REF:	A107-01	A107-01	A107-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	5.02	100	5.00	5.00	100	0	90-110	20

0010

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSES

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1CH661
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	1CH081WB	1CH081WL	1CH081WC		
LAB FILE ID:	AH45-27	AH45-28	AH45-29		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	08/31/1018:09	08/31/1018:26	08/31/1018:42	DATE RECEIVED:	NA
PREP. BATCH:	1CH081W	1CH081W	1CH081W		
CALIB. REF:	AH45-25	AH45-25	AH45-25		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.86	93	2.00	1.86	93	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 13H661
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: 1CH081WB 1CH081WL 1CH081WC
LAB FILE ID: AH45-27 AH45-28 AH45-29
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 08/31/1018:09 08/31/1018:26 08/31/1018:42 DATE RECEIVED: NA
PREP. BATCH: 1CH081W 1CH081W 1CH081W
CALIB. REF: AH45-25 AH45-25 AH45-25

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.01	101	2.00	2.01	101	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 104661
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKIW				
LAB SAMP ID:	IC1013WB	IC1013WC	IC1013WC		
LAB FILE ID:	A107-03	A107-04	A107-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1014:21	09/07/1014:38	09/07/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	IC1013W	IC1013W	IC1013W		
CALIB. REF:	A107-01	A107-01	A107-01		

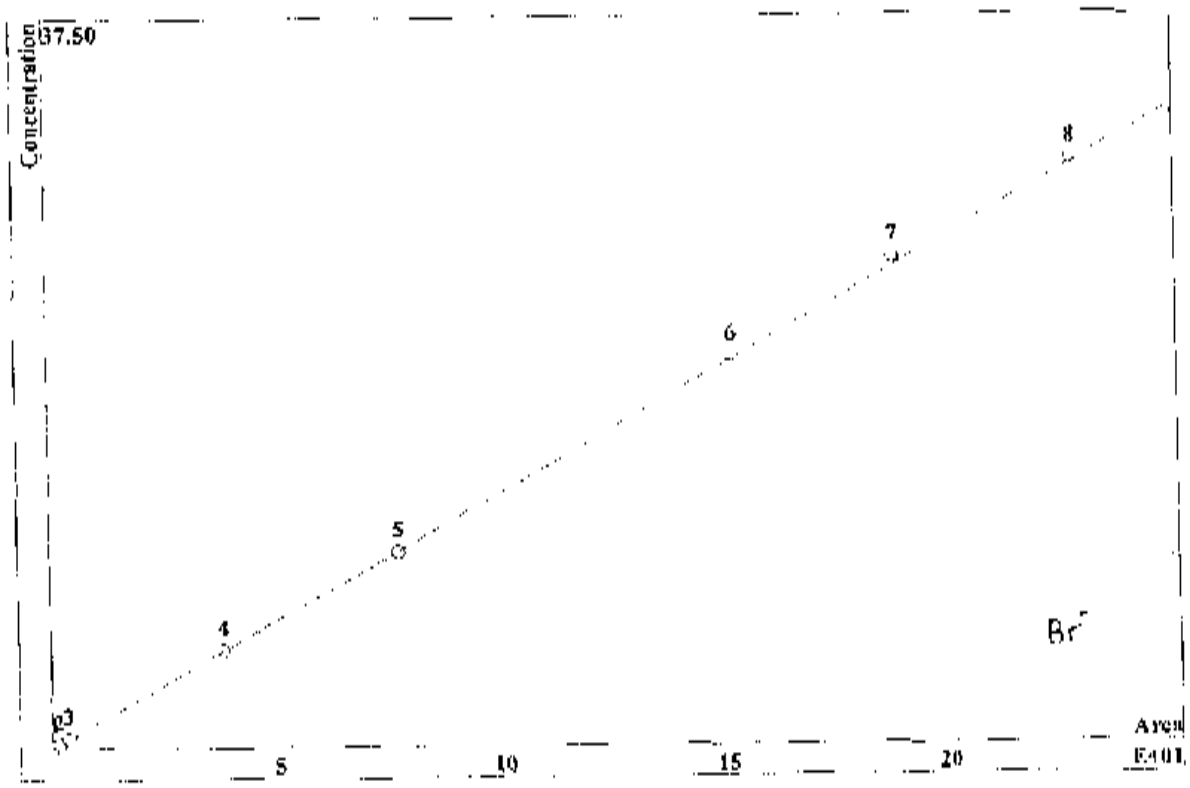
ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.88	98	5.00	4.87	97	0	90-110	20

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100-E21.mtw
Equation: Q = 0.130178·A + 0.0170612
RSD: 0.844 %
Correlation coefficient: 0.999986

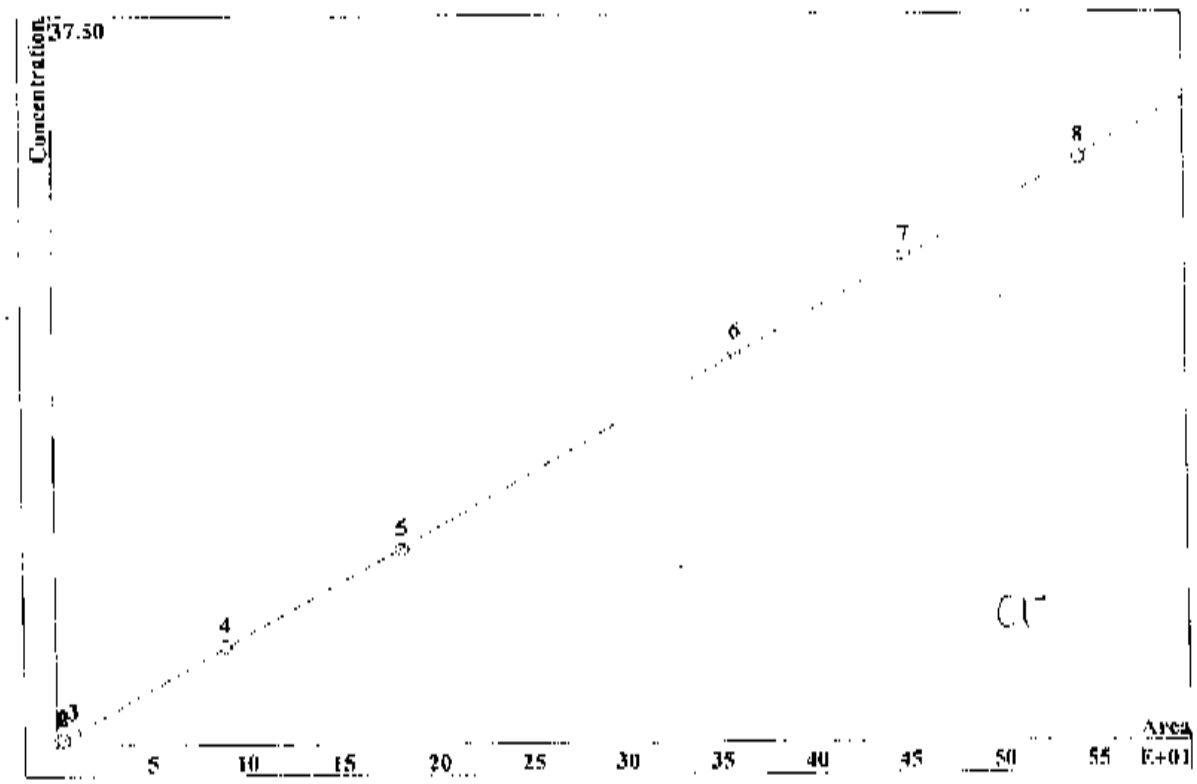


K3 = 0 K2 = 0 K1 = 0.130178 K0 = 0.0170612
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.04821	0.7112	0.1	1	6.163	Yes	u5211155.chw
2	0.09757	1.537	0.2	1	6.163	Yes	u5211211.chw
3	0.2353	3.647	0.5	1	6.163	Yes	u5211227.chw
4	2.414	38	5	1	6.163	Yes	u5211243.chw
5	4.888	76.83	10	1	6.163	Yes	u5211259.chw
6	8.176	152.1	20	1	6.163	No	u5211315.chw
7	9.368	188.6	25	1	6.163	No	u5211332.chw
8	10.25	229	30	1	6.163	No	u5211348.chw

CALIBRATION OF COMPONENT chloride

Method: IC100-E21.mtw
Equation: Q = 0.0553586·A + 0.0149666
RSD: 0.622 %
Correlation coefficient: 0.999985



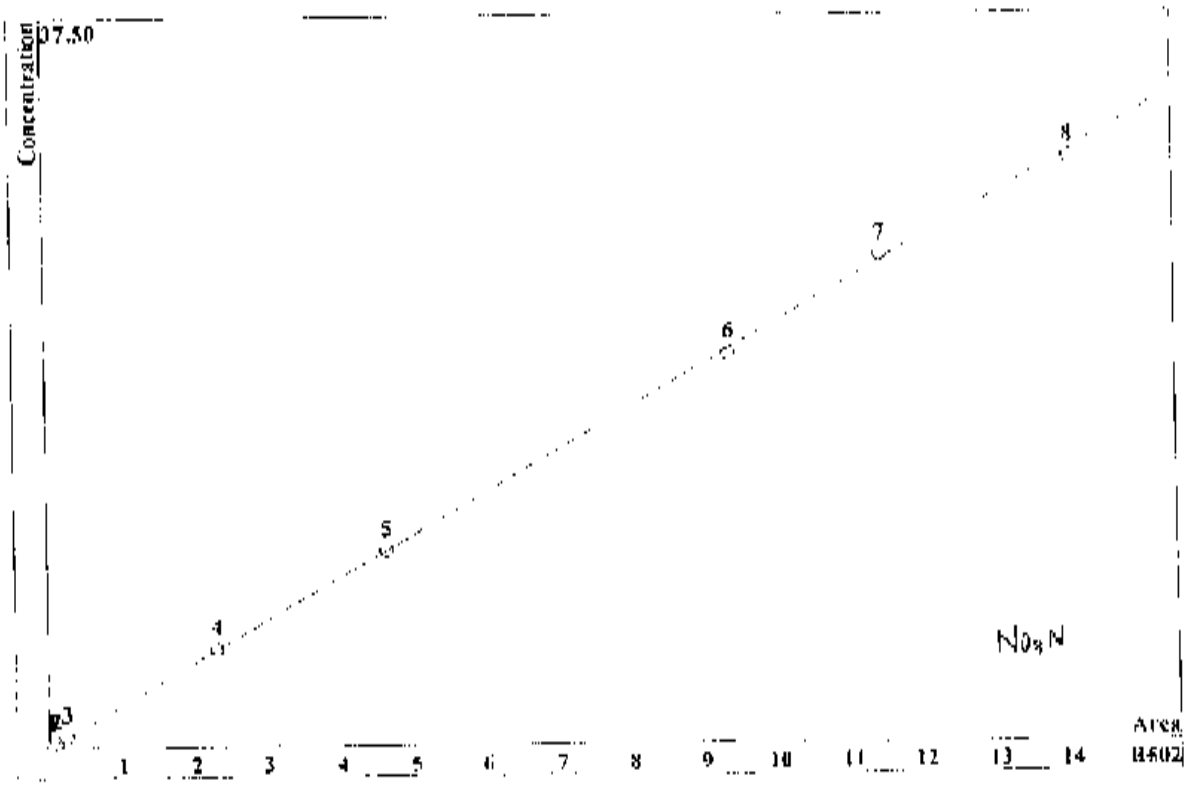
K3 = 0 K2 = 0 K1 = 0.0553586 K0 = 0.0149666
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1519	1.788	0.1	1	4.479	Yes	u5211155.chw
2	0.3026	3.609	0.2	1	4.479	Yes	u5211211.chw
3	0.7284	8.663	0.5	1	4.479	Yes	u5211227.chw
4	7.642	89.21	5	1	4.479	Yes	u5211243.chw
5	15.53	181.8	10	1	4.479	Yes	u5211259.chw
6	31.14	359.8	20	1	4.479	Yes	u5211316.chw
7	39.06	449.8	25	1	4.479	Yes	u5211332.chw
8	47.01	543.4	30	1	4.479	Yes	u5211348.chw

AJ
5/25/10

CALIBRATION OF COMPONENT nitrate

Method: IC100-E21.mtw
Equation: Q = 0.0216113·A - 0.011354
RSD: 1.910 %
Correlation coefficient: 0.999889



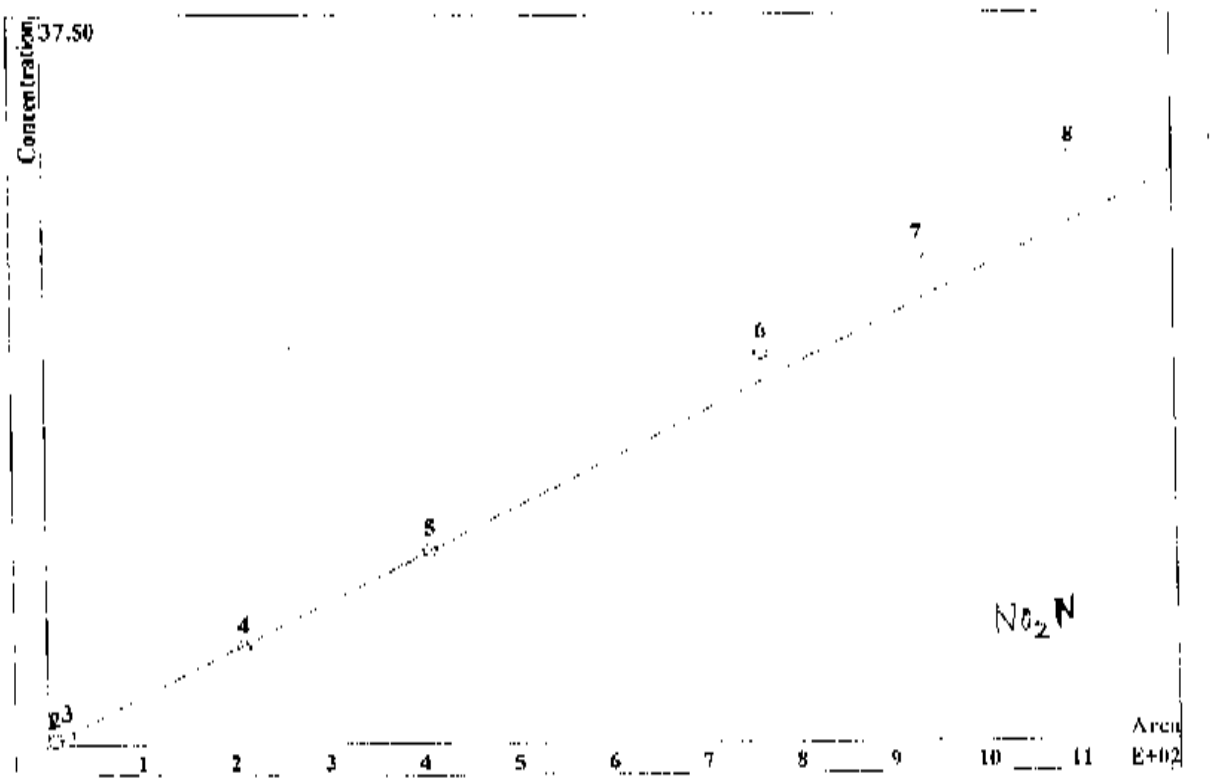
K3 = 0 K2 = 0 K1 = 0.0216113 K0 = -0.011354
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.2785	4.858 ✓	0.1	1	6.655	Yes	u5211155.chw
2	0.5425	9.683 ✓	0.2	1	6.655	Yes	u5211211.chw
3	1.297	22.56 ✓	0.5	1	6.655	Yes	u5211227.chw
4	13.41	230.2 ✓	5	1	6.655	Yes	u5211243.chw
5	27.25	464 ✓	10	1	6.655	Yes	u5211259.chw
6	53.65	939.2 ✓	20	1	6.655	Yes	u5211315.chw
7	65.77	1147 ✓	25	1	6.655	Yes	u5211332.chw
8	77.06	1407 ✓	30	1	6.655	No	u5211348.chw

AA
5/25/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-E21.mtw
Equation: Q = 0.0243475·A - 0.00546249
RSD: 2.356 %
Correlation coefficient: 0.999890



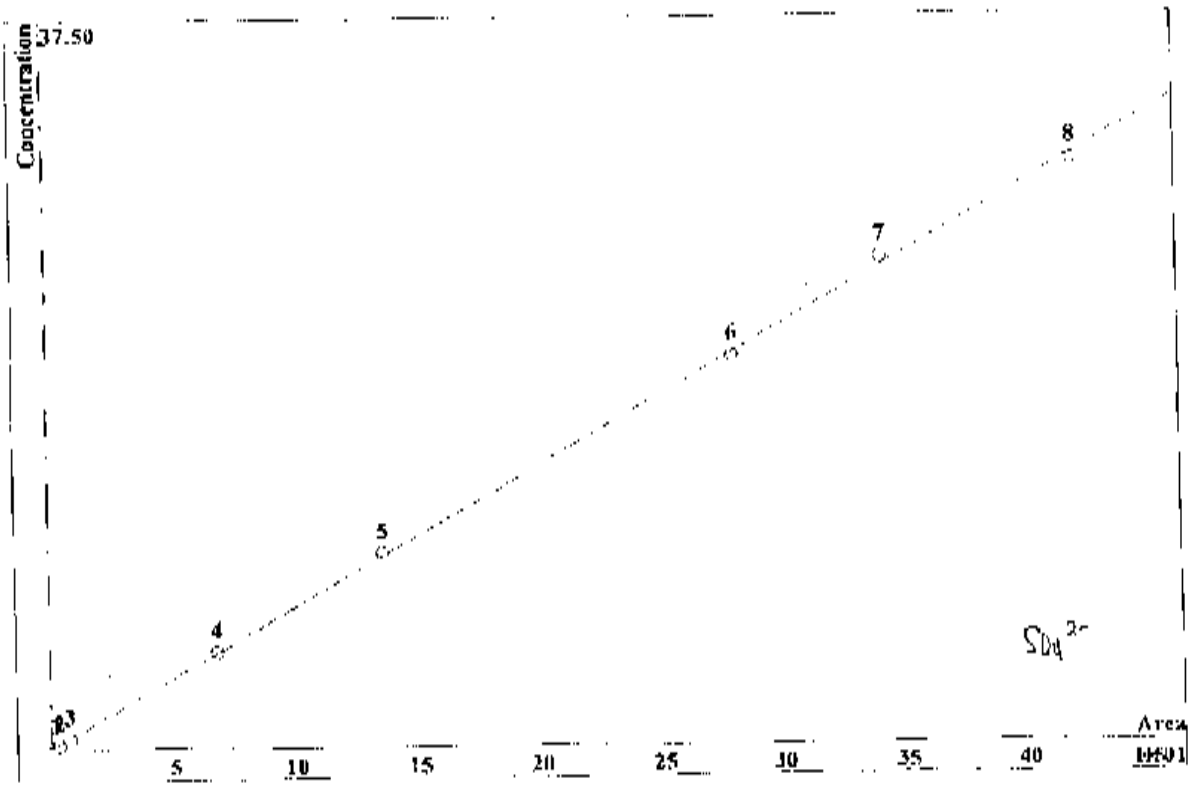
K3 = 0 K2 = 0 K1 = 0.0243475 K0 = 0.00546249
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.282	3.708	0.1	1	4.98	Yes	u5211155.chw
2	0.586	7.744	0.2	1	4.96	Yes	u5211211.chw
3	1.475	19.79	0.5	1	4.98	Yes	u5211227.chw
4	14.84	210.2	5	1	4.96	Yes	u5211243.chw
5	27.76	408.6	10	1	4.98	Yes	u5211259.chw
6	48.74	762.8	20	1	4.98	No	u5211315.chw
7	58.12	931.6	25	1	4.98	No	u5211332.chw
8	67.27	1096	30	1	4.98	No	u5211348.chw

QA 7/21/00

CALIBRATION OF COMPONENT sulfate

Method: TC1D0-E21.mtw
Equation: Q = 0.0716417·A + 0.0654019
RSD: 1.898 %
Correlation coefficient: 0.999827



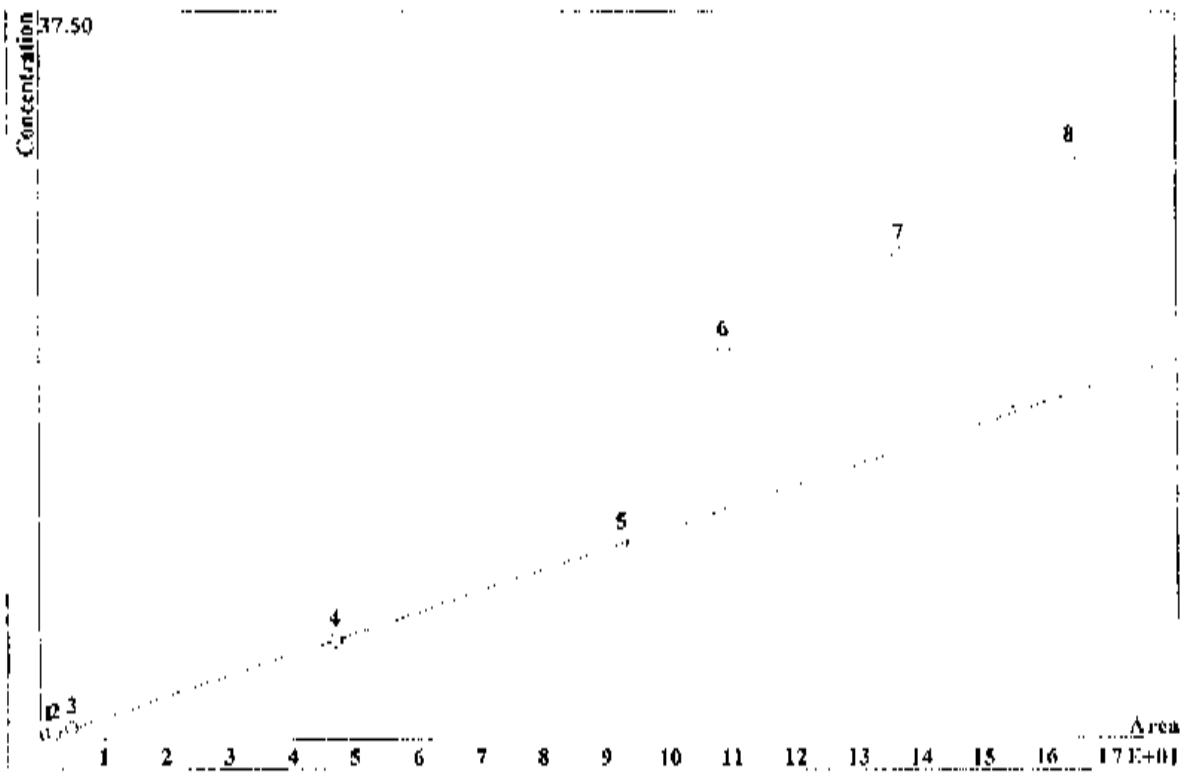
K3 = 0 K2 = 0 K1 = 0.0716417 K0 = 0.0654019
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08599	2.245 ✓	0.1	1	10.03	No	u5211155.chw
2	0.125	3.244 ✓	0.2	1	10.03	Yes	u5211211.chw
3	0.2847	7.274 ✓	0.5	1	10.03	Yes	u5211227.chw
4	2.682	67.69 ✓	5	1	10.03	Yes	u5211243.chw
5	5.43	136.7 ✓	10	1	10.03	Yes	u5211259.chw
6	10.87	280.8 ✓	20	1	10.03	Yes	u5211315.chw
7	13.61	342.5 ✓	25	1	10.03	Yes	u5211332.chw
8	16.34	421.5 ✓	30	1	10.03	Yes	u5211348.chw

AJ 5/25/10

CALIBRATION OF COMPONENT Bromide

Method: IC100-101.mlw
Equation: Q = 0.108366·A - 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

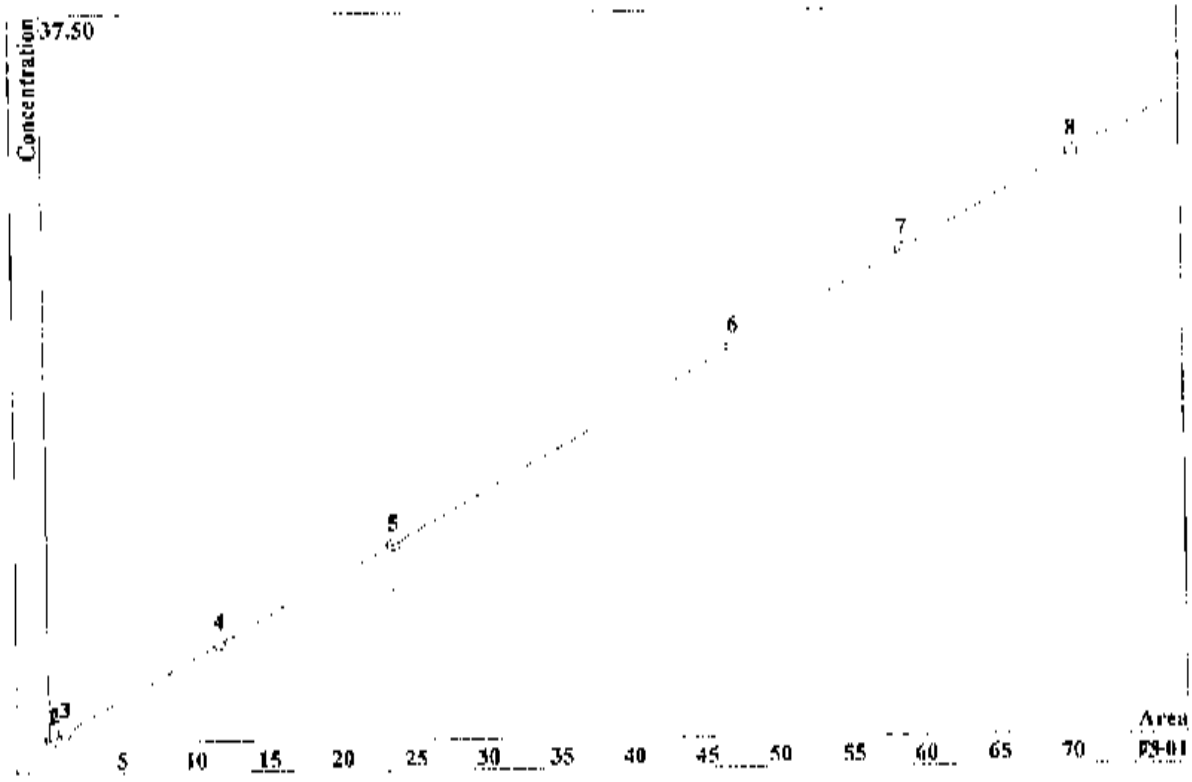
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

AA
9/01/10

30329

CALIBRATION OF COMPONENT chloride

Method: IC100-101.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



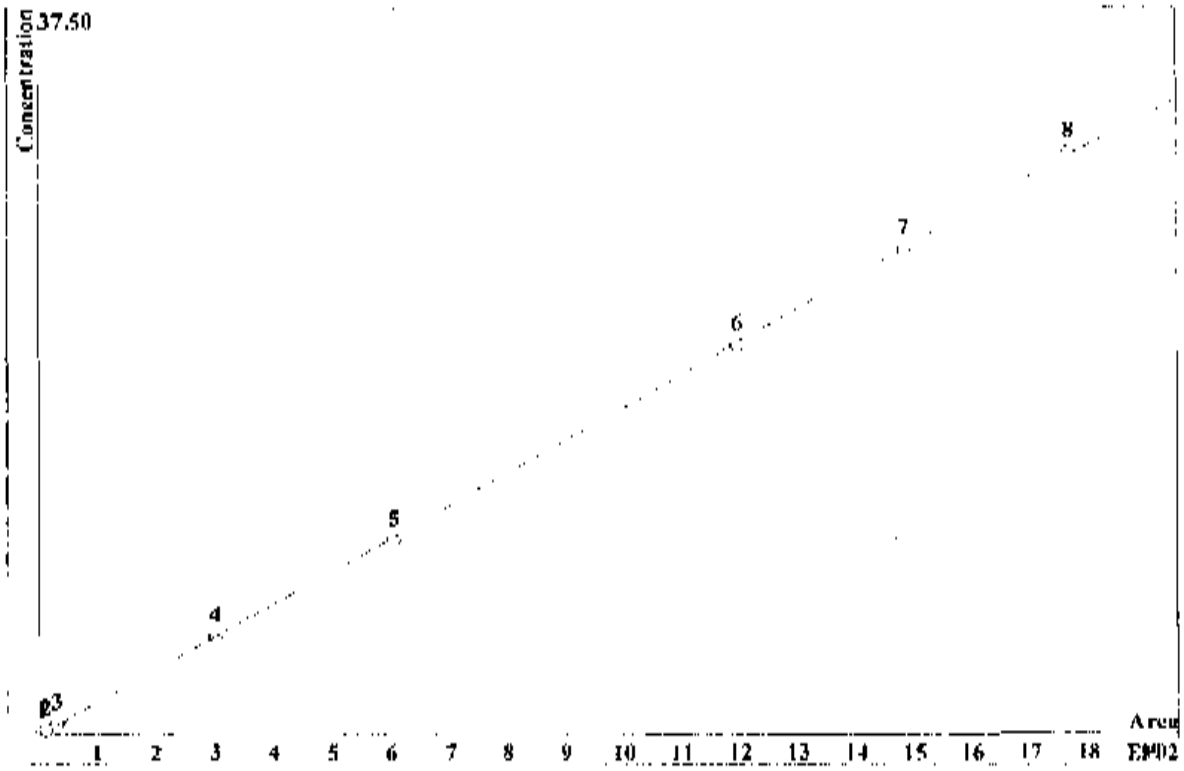
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AB
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: IC100-101 mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

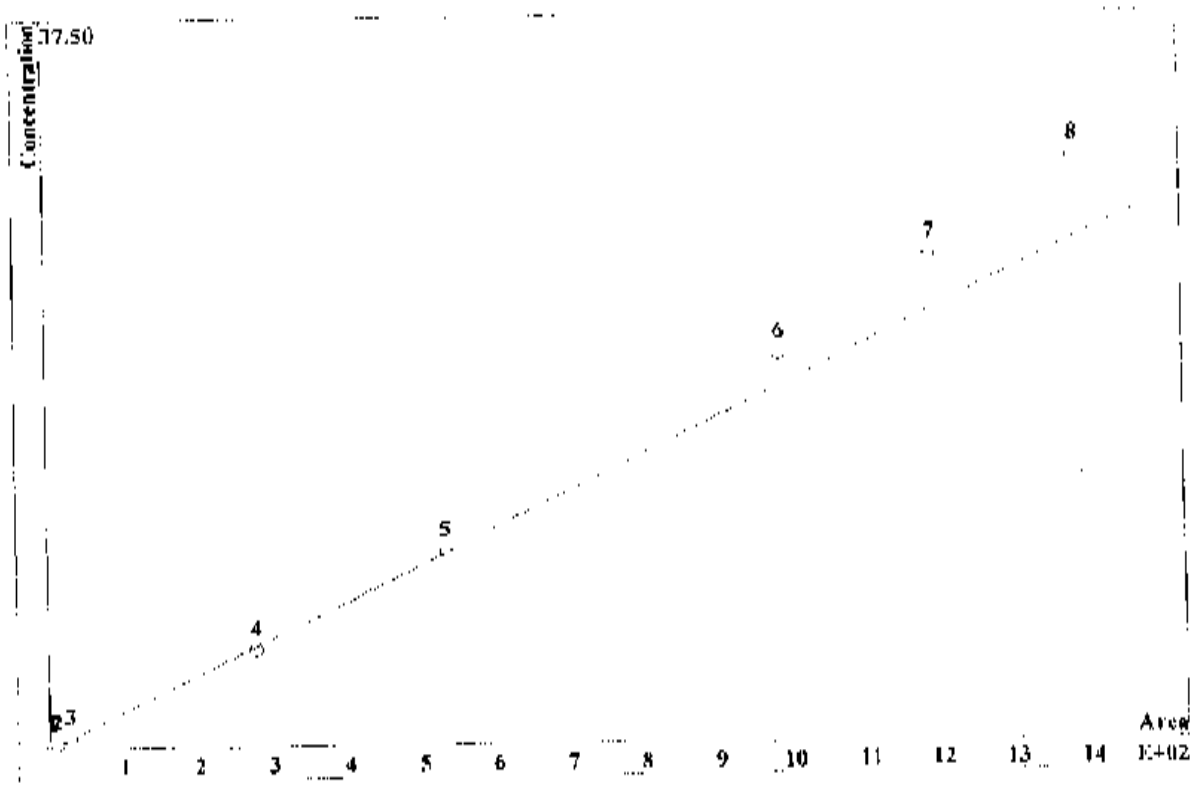
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1407	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RA
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-101.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

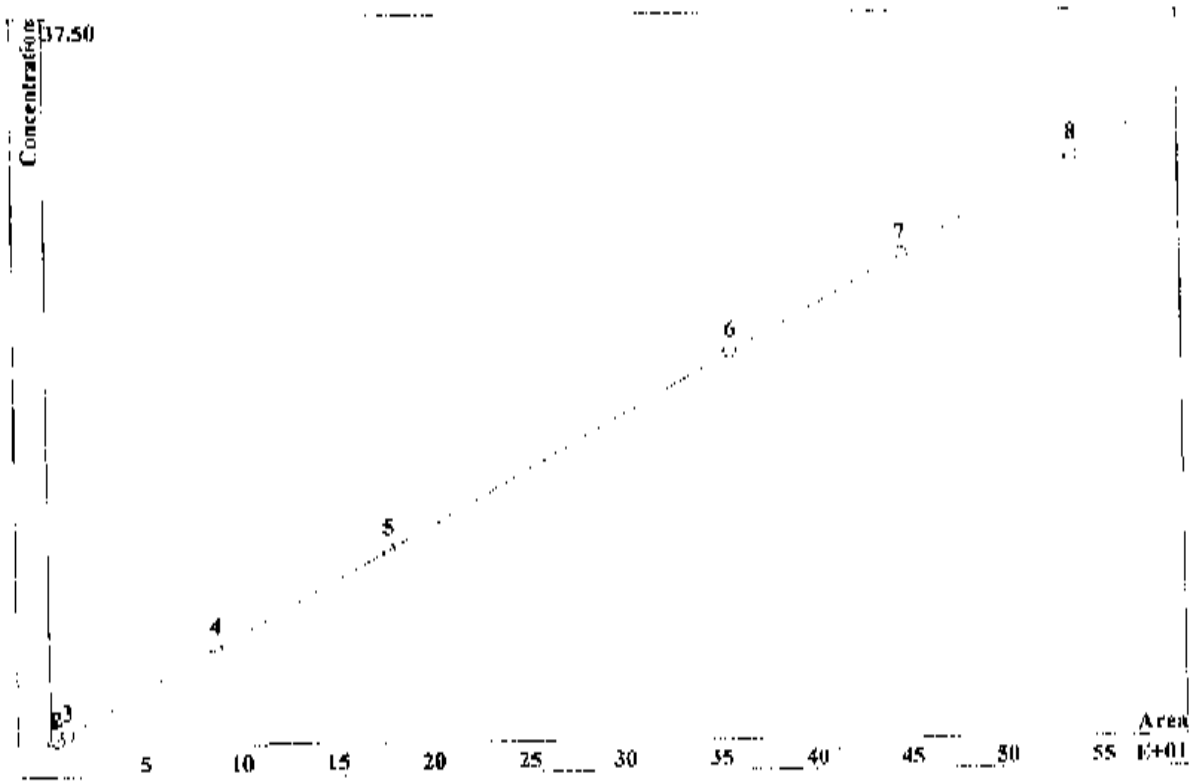
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.326	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.67	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AA
09/04/10

CALIBRATION OF COMPONENT sulfate

Method: IC100-I01.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

AS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : F21/AE27

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AE27-01	IB	BCSNIPF	0	0	0	0	0	0	0	u5211122	1
AE27-11	ICV	BCSNIPF	105.2%	104.3%	103.6%	105.7%	107%	104.1%	104.1%	u5211404	1
AE27-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u5211420	1

8026

IC Result Check FormVersion : 101/A101

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
A101-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
A101-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
A101-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : 101/AI01

LFID	LSID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI07 01	CCV43	$CPNFIB	97.2%	100.2%	103.7%	94.7%	103.2%	101.4%	107.4%	u9071349	1
AI07-02	CCB43	$CPNFIB	0	0	0	0	0	0	0	u9071405	1
AI07-13	CCV45	$CPNFIB	98.4%	102.6%	103.4%	96.8%	104.5%	103.8%	110%	u9071703	1
AI07 14	CCB45	$CPNFIB	0	0	0	0	0	0	0	u9071719	1
AI07 25	CCV47	$CPNFIB	97%	100.5%	100.5%	94.8%	102.8%	101.7%	107.6%	u9072017	1
AI07-26	CCB47	$CPNFIB	0	0	0	0	0	0	0	u9072033	1
AI07-33	CCV49	$CPNFIB	97.1%	100.5%	101.7%	95%	103.1%	101.9%	107.8%	u9072226	1
AI07-34	CCB49	$CPNFIB	0	0	0	0	0	0	0	u9072242	1
AI07-45	CCV51	$CPNFIB	96.8%	98.4%	100.6%	89.7%*	103.5%	100.1%	95.2%	u9080140	1
AI07-46	CCB51	$CPNFIB	0	0	0	0	0	0	0	u9080156	1
AI07-57	CCV53	$CPNFIB	96.9%	98.8%	99.9%	89.5%*	103.9%	100.3%	94.5%	u9080454	1
AI07-58	CCB53	$CPNFIB	0	0	0	0	0	0	0	u9080510	1
AI07-62	CCV55	$CPNFIB	97%	98.4%	99.9%	89.2%*	103.4%	99.9%	93.9%	u9080615	1
AI07-63	CCB55	$CPNFIB	0	0	0	0	0	0	0	u9080651	1

IC Result Check FormVersion : E21/AE27

LFID	LSID	Selection	nitrite	sulfate	fluoride	chloride	bromide	nitrate	phosphate	RawNetID	DF
AH45-01	CCV745	ISFCBNP	101.6%	94.8%	102%	99.3%	96%	94.1%	107%	u8311020	1
AH45-02	CCB745	ISFCBNP	0	0	0	0	0	0	0	u8311044	1
AH45-13	CCV747	ISFCBNP	101.5%	94.2%	101.8%	99.2%	97.5%	94.8%	112.3%*	u8311420	1
AH45-14	CCB747	ISFCBNP	0	0	0	0	0	0	0	u8311439	1
AH45-25	CCV749	ISFCBNP	101.6%	94.4%	102.1%	99.3%	97.2%	94.9%	113.1%*	u8311737	1
AH45-26	CCB749	ISFCBNP	0	0	0	0	0	0	0	u8311753	1
AH45-37	CCV751	ISFCBNP	101.3%	94.1%	102.1%	99.2%	97.3%	94.9%	114.9%*	u8312052	1
AH45-38	CCB751	ISFCBNP	0	0	0	0	0	0	0	u8312100	1
AH45-49	CCV753	ISFCBNP	101.5%	94.3%	102.3%	99.4%	97.8%	95.4%	118.5%*	u9010006	1
AH45-50	CCB753	ISFCBNP	0	0	0	0	0	0	0	u9010022	1
AH45-60	CCV755	ISFCBNP	102%	95.3%	102.4%	99.8%	98.1%	95.5%	117.5%*	u9010304	1
AH45-61	CCB755	ISFCBNP	0	0	0	0	0	0	0	u9010320	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 --- 0.1 ppm

S2 --- 0.2 ppm

S3 --- 0.5 ppm

S4 --- 1.0 ppm

S5 --- 5.0 ppm

S6 --- 10.0 ppm

S7 --- 25.0 ppm

S8 --- 30.0 ppm

Linearity (ppm)

F^- --- 10 ppm

Cl^- --- 30 ppm

NO_2N --- 10 ppm

Br^- --- 10 ppm

NO_3N --- 25 ppm

PO_4P --- 10 ppm

SO_4^{2-} --- 30 ppm

IC Eluent:

SW4-01-161 (320 mM Na_2CO_3/100 mM NaHCO3) 20mL / 2L

SW4-01-161 (100 mM NaHCO3) 10mL

IC Regenerant: SW4-01-161 (100 mM H_2SO_4)

Book #:	A100-024
Instrument No.:	100
Analytical Sequence:	A027
Method File:	IC100-E21.mdw
Analytical Batch:	AC N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-14-06-2
ICV	STIB-14-06-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 06/20/10

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	IC100-521.mth	4627-01 IB	1	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-521.mth	4627-02 S0	2	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-521.mth	4627-03 S1	3	1.0	1.0	1.0	100.0	1		
[illegible]	IC100-521.mth	4627-04 S2	4	1.0	1.0	1.0	100.0	2		
[illegible]	IC100-521.mth	4627-05 S3	5	1.0	1.0	1.0	100.0	3		
[illegible]	IC100-521.mth	4627-06 S4	6	1.0	1.0	1.0	100.0	4		
[illegible]	IC100-521.mth	4627-07 S5	7	1.0	1.0	1.0	100.0	5		
[illegible]	IC100-521.mth	4627-08 S6	8	1.0	1.0	1.0	100.0	6		
[illegible]	IC100-521.mth	4627-09 S7	9	1.0	1.0	1.0	100.0	7		
[illegible]	IC100-521.mth	4627-10 S8	10	1.0	1.0	1.0	100.0	8		
[illegible]	IC100-521.mth	4627-11 ICV	11	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-521.mth	4627-12 ICB	12	1.0	1.0	1.0	100.0	0		

[illegible]

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A445
Method File:	IC100 - 521.mth
Analytical Batch:	IC40796 ; IC40816

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-14-4-2
ICV	↓ -3
CCV	SI18-15-4-2
LCS	SI18-15-4-3
MS	Anions Spike: F, Na, NO2, Br, NO3, PO4, SO4 (5ppm) Cations Spike: Li, K, Ca, Mg (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SW4-01-173 (320mM Na_2CO_3 / 100mM $NaHCO_3$) 20mL

SW4-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SW4-01-130 (1000mM H_2SO_4)

Date: 3/21/10

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	2.5	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	1.0	1.0	100.0	0		

FINAL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	61	1.0	1.0	1.0	100.0	0		

FINAL

JL 7/11/1

8036

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

Stock-01-173 (320 mM Na_2CO_3/100 mM $NaHCO_3$) 200 mL
Stock-01-172 (100 mM $NaHCO_3$) 1 L

IC Regenerant:

Stock-01-171 (100 mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100-101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S1-16-15-6-2
ICV	S1-16-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 7/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
u901756.chm	JC100-101.mth	AK1-51 IS	1	1.0	1.0	1.0	100.0	0		
u901757.chm	JC100-101.mth	AK1-52 S0	2	1.0	1.0	1.0	100.0	0		
u901758.chm	JC100-101.mth	AK1-53 S1	3	1.0	1.0	1.0	100.0	1		
u901759.chm	JC100-101.mth	AK1-54 S2	4	1.0	1.0	1.0	100.0	2		
u901760.chm	JC100-101.mth	AK1-55 S3	5	1.0	1.0	1.0	100.0	3		
u901761.chm	JC100-101.mth	AK1-56 S4	6	1.0	1.0	1.0	100.0	4		
u901762.chm	JC100-101.mth	AK1-57 S5	7	1.0	1.0	1.0	100.0	5		
u901763.chm	JC100-101.mth	AK1-58 S6	8	1.0	1.0	1.0	100.0	6		
u901764.chm	JC100-101.mth	AK1-59 S7	9	1.0	1.0	1.0	100.0	7		
u901765.chm	JC100-101.mth	AK1-60 S8	10	1.0	1.0	1.0	100.0	8		
u901766.chm	JC100-101.mth	AK1-61 ICV	11	1.0	1.0	1.0	100.0	0		
u901767.chm	JC100-101.mth	AK1-62 ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

AS 01/08/10

8233B

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A107
Method File:	IC-100-301.mtw
Analytical Batch:	IC101314, IC101515W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-6-2
ICV	↓ -3
CCV	STIB-15-8-2
LCS	STIB-15-8-3
MS	[illegible]

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SUM-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 mL

SUM-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

SUM-01-190 (1000 mM H_2SO_4)

Date: 8/17/10

Analyzed By: JL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
u9071349.chr	IC100-101.mth	A107-01 CCV42	1	1.0	1.0	1.0	100.0	0		
u9071401.chr	IC100-101.mth	A107-02 CCB41	2	1.0	1.0	1.0	100.0	0		
u9071421.chr	IC100-101.mth	A107-03 IC0134-B	3	1.0	1.0	1.0	100.0	0		
u9071436.chr	IC100-101.mth	A107-04 IC0134-L	4	1.0	1.0	1.0	100.0	0		
u9071454.chr	IC100-101.mth	A107-05 IC0134-C	5	1.0	1.0	1.0	100.0	0		
u9071510.chr	IC100-101.mth	A107-06 H962-02	6	1.0	1.0	1.0	100.0	0		
u9071526.chr	IC100-101.mth	A107-07 H994-01 DF=10	7	1.0	10.0	1.0	100.0	0		
u9071542.chr	IC100-101.mth	A107-08 H994-02 DF=10	8	1.0	10.0	1.0	100.0	0		
u9071558.chr	IC100-101.mth	A107-09 H998-03 DF=10	9	1.0	10.0	1.0	100.0	0		
u9071615.chr	IC100-101.mth	A107-10 H998-01 DF=10	10	1.0	10.0	1.0	100.0	0		
u9071631.chr	IC100-101.mth	A107-11 H998-02 DF=5	11	1.0	5.0	1.0	100.0	0		
u9071647.chr	IC100-101.mth	A107-12 H998-03 DF=5	12	1.0	5.0	1.0	100.0	0		
u9071703.chr	IC100-101.mth	A107-13 CCV43	13	1.0	1.0	1.0	100.0	0		
u9071719.chr	IC100-101.mth	A107-14 CCB45	14	1.0	1.0	1.0	100.0	0		
u9071735.chr	IC100-101.mth	A107-15 H003-04 DF=5	15	1.0	5.0	1.0	100.0	0		
u9071751.chr	IC100-101.mth	A107-16 H003-04D DF=5	16	1.0	5.0	1.0	100.0	0		
u9071808.chr	IC100-101.mth	A107-17 H003-04M DF=5	17	1.0	5.0	1.0	100.0	0		
u9071824.chr	IC100-101.mth	A107-18 H003-04S DF=5	18	1.0	5.0	1.0	100.0	0		
u9071840.chr	IC100-101.mth	A107-19 H019-01 DF=1000	19	1.0	1000.0	1.0	100.0	0		
u9071856.chr	IC100-101.mth	A107-20 H019-02 DF=500	20	1.0	500.0	1.0	100.0	0		
u9071912.chr	IC100-101.mth	A107-21 H019-03 DF=40	21	1.0	40.0	1.0	100.0	0		
u9071928.chr	IC100-101.mth	A107-22 H019-03 DF=200	22	1.0	200.0	1.0	100.0	0		
u9071945.chr	IC100-101.mth	A107-23 H019-04 DF=40	23	1.0	40.0	1.0	100.0	0		
u9072001.chr	IC100-101.mth	A107-24 H019-04 DF=200	24	1.0	200.0	1.0	100.0	0		
u9072017.chr	IC100-101.mth	A107-25 CCV47	25	1.0	1.0	1.0	100.0	0		
u9072033.chr	IC100-101.mth	A107-26 CCB47	26	1.0	1.0	1.0	100.0	0		
u9072049.chr	IC100-101.mth	A107-27 H432-12 DF=40	27	1.0	40.0	1.0	100.0	0		
u9072105.chr	IC100-101.mth	A107-28 H561-08 DF=20	28	1.0	20.0	1.0	100.0	0		
u9072121.chr	IC100-101.mth	A107-29 H561-08 DF=500	29	1.0	500.0	1.0	100.0	0		
u9072138.chr	IC100-101.mth	A107-30 H661-09 DF=100	30	1.0	100.0	1.0	100.0	0		
u9072154.chr	IC100-101.mth	A107-31 H661-09 DF=1000	31	1.0	1000.0	1.0	100.0	0		
u9072210.chr	IC100-101.mth	A107-32 H661-10 DF=100	32	1.0	100.0	1.0	100.0	0		
u9072226.chr	IC100-101.mth	A107-33 CCV48	33	1.0	1.0	1.0	100.0	0		
u9072242.chr	IC100-101.mth	A107-34 CCB49	34	1.0	1.0	1.0	100.0	0		
u9072259.chr	IC100-101.mth	A107-35 IC0134-B	35	1.0	1.0	1.0	100.0	0		
u9072311.chr	IC100-101.mth	A107-36 IC0134-L	36	1.0	1.0	1.0	100.0	0		
u9072327.chr	IC100-101.mth	A107-37 IC0134-C	37	1.0	1.0	1.0	100.0	0		
u9072347.chr	IC100-101.mth	A107-38 H006-01 DF=10	38	1.0	10.0	1.0	100.0	0		
u9080012.chr	IC100-101.mth	A107-39 H009-01 DF=10	39	1.0	10.0	1.0	100.0	0		
u9080029.chr	IC100-101.mth	A107-40 H003-03 DF=10	40	1.0	10.0	1.0	100.0	0		
u9080046.chr	IC100-101.mth	A107-41 H003-04 DF=10	41	1.0	10.0	1.0	100.0	0		
u9080103.chr	IC100-101.mth	A107-42 H003-08 DF=20	42	1.0	20.0	1.0	100.0	0		
u9080120.chr	IC100-101.mth	A107-43 H038-03 DF=20	43	1.0	20.0	1.0	100.0	0		
u9080136.chr	IC100-101.mth	A107-44 H038-04 DF=10	44	1.0	10.0	1.0	100.0	0		
u9080146.chr	IC100-101.mth	A107-45 CCV49	45	1.0	1.0	1.0	100.0	0		
u9080155.chr	IC100-101.mth	A107-46 CCB51	46	1.0	1.0	1.0	100.0	0		
u9080213.chr	IC100-101.mth	A107-47 H963-07 DF=10	47	1.0	10.0	1.0	100.0	0		
u9080229.chr	IC100-101.mth	A107-48 H963-07D DF=10	48	1.0	10.0	1.0	100.0	0		
u9080245.chr	IC100-101.mth	A107-49 H963-07M DF=10	49	1.0	10.0	1.0	100.0	0		
u9080401.chr	IC100-101.mth	A107-50 H963-07S DF=10	50	1.0	10.0	1.0	100.0	0		
u9080417.chr	IC100-101.mth	A107-51 H029-01 DF=5	51	1.0	5.0	1.0	100.0	0		
u9080433.chr	IC100-101.mth	A107-52 H029-02 DF=5	52	1.0	5.0	1.0	100.0	0		
u9080450.chr	IC100-101.mth	A107-53 H029-03 DF=5	53	1.0	5.0	1.0	100.0	0		
u9080506.chr	IC100-101.mth	A107-54 H029-04 DF=10	54	1.0	10.0	1.0	100.0	0		
u9080522.chr	IC100-101.mth	A107-55 H029-05 DF=5	55	1.0	5.0	1.0	100.0	0		
u9080538.chr	IC100-101.mth	A107-56 H029-06 DF=10	56	1.0	10.0	1.0	100.0	0		
u9080554.chr	IC100-101.mth	A107-57 CCV51	57	1.0	1.0	1.0	100.0	0		

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 300.0(M)
ORGANICS BY IC

A total of nine (9) water samples were received on 08/31/10 for (Acetate, Butyrate, Lactate and Propionate) Organic Acids by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCI004WL/C were all within QC limits.
Percent recoveries for HCI008WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for H661-05M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 10H661

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MCL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HC1008W	NA	NA
LCS1W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HC1008W	NA	NA
LCD1W	HC1008WC	19.1	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HC1008W	NA	NA
IW-70-SH8310-A10	H661-08	1960	100	NA	100	500	09/10/1021:13	NA	HI10007	HI10007	HC1008W	08/31/1009:30	08/31/10
MBLK2W	HC1004WB	ND	1	NA	1.00	0.500	09/03/1016:59	NA	HI02025	HI02023	HC1004W	NA	NA
LCS2W	HC1004WL	18.4	1	NA	1.00	0.500	09/03/1017:20	NA	HI02026	HI02023	HC1004W	NA	NA
LCD2W	HC1004WC	19.5	1	NA	1.00	0.500	09/03/1017:41	NA	HI02027	HI02023	HC1004W	NA	NA
IW-70-SA811-P13	H661-01	3.70	1	NA	1.00	0.500	09/03/1018:02	NA	HI02028	HI02023	HC1004W	08/30/1012:05	08/31/10
IW-70-SA811-P13-D	H661-02	2.97	1	NA	1.00	0.500	09/03/1019:08	NA	HI02029	HI02023	HC1004W	08/30/1012:10	08/31/10
IW-70-SA803-P13	H661-03	0.760J	1	NA	1.00	0.500	09/03/1020:14	NA	HI02030	HI02023	HC1004W	08/30/1013:45	08/31/10
IW-70-SS819-P13	H661-04	3.12	1	NA	1.00	0.500	09/03/1021:20	NA	HI02031	HI02023	HC1004W	08/30/1014:55	08/31/10
IW-70-SH819-P13	H661-05	0.580J	1	NA	1.00	0.500	09/03/1022:25	NA	HI02032	HI02023	HC1004W	08/31/1008:20	08/31/10
IW-70-SH819-P13MS	H661-05M	10.3	1	NA	1.00	0.500	09/03/1023:31	NA	HI02033	HI02023	HC1004W	08/31/1008:20	08/31/10
IW-70-SH819-P13MSD	H661-05S	10.6	1	NA	1.00	0.500	09/04/1003:37	NA	HI02034	HI02023	HC1004W	08/31/1008:20	08/31/10
IW-70-SH811-P13	H661-06	1.25	1	NA	1.00	0.500	09/04/1003:07	NA	HI02037	HI02035	HC1004W	08/31/1010:00	08/31/10
MW-70-PMW07A-A10	H661-09	9.69	1	NA	1.00	0.500	09/04/1005:19	NA	HI02039	HI02035	HC1004W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	1.14	1	NA	1.00	0.500	09/04/1006:25	NA	HI02040	HI02035	HC1004W	08/31/1013:30	08/31/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10H661

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HCI008W	NA	NA
LCS1W	HCI008WL	18.7	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HCI008W	NA	NA
LCD1W	HCI008WC	18.2	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HCI008W	NA	NA
IW-70-SHB310-A10	H661-08	427	100	NA	100	50.0	09/10/1021:13	NA	HI10010	HI10007	HCI008W	08/31/1009:30	08/31/10
MBLK2W	HCI004WB	ND	1	NA	1.00	0.500	09/03/1016:59	NA	HI02025	HI02023	HCI004W	NA	NA
LCS2W	HCI004WL	18.0	1	NA	1.00	0.500	09/03/1017:20	NA	HI02026	HI02023	HCI004W	NA	NA
LCD2W	HCI004WC	18.9	1	NA	1.00	0.500	09/03/1017:41	NA	HI02027	HI02023	HCI004W	NA	NA
IW-70-SAB11-P13	H661-01	ND	1	NA	1.00	0.500	09/03/1018:02	NA	HI02028	HI02023	HCI004W	08/30/1012:05	08/31/10
IW-70-SAB11-P13-D	H661-02	ND	1	NA	1.00	0.500	09/03/1019:08	NA	HI02029	HI02023	HCI004W	08/30/1012:10	08/31/10
IW-70-SAB03-P13	H661-03	ND	1	NA	1.00	0.500	09/03/1020:14	NA	HI02030	HI02023	HCI004W	08/30/1013:45	08/31/10
IW-70-SSB119-P13	H661-04	ND	1	NA	1.00	0.500	09/03/1021:20	NA	HI02031	HI02023	HCI004W	08/30/1014:55	08/31/10
IW-70-SHB319-P13	H661-05	ND	1	NA	1.00	0.500	09/03/1022:25	NA	HI02032	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MS	H661-05M	9.28	1	NA	1.00	0.500	09/03/1023:31	NA	HI02033	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MSD	H661-05S	8.70	1	NA	1.00	0.500	09/04/1000:37	NA	HI02034	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB311-P13	H661-06	ND	1	NA	1.00	0.500	09/04/1003:07	NA	HI02037	HI02035	HCI004W	08/31/1010:00	08/31/10
MW-70-PMW07A-A10	H661-09	ND	1	NA	1.00	0.500	09/04/1005:19	NA	HI02039	HI02035	HCI004W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	ND	1	NA	1.00	0.500	09/04/1006:25	NA	HI02040	HI02035	HCI004W	08/31/1013:30	08/31/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10H661

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HCI008W	NA	NA
LCS1W	HCI008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HCI008W	NA	NA
LCD1W	HCI008WC	18.7	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HCI008W	NA	NA
IW-70-SHB310-A10	H661-08	ND	10	NA	10.0	5.00	09/10/1020:07	NA	HI10009	HI10007	HCI008W	08/31/1009:30	08/31/10
MBLK2W	HCI004WB	ND	1	NA	1.00	0.500	09/03/1016:59	NA	HI02025	HI02023	HCI004W	NA	NA
LCS2W	HCI004WL	21.6	1	NA	1.00	0.500	09/03/1017:20	NA	HI02026	HI02023	HCI004W	NA	NA
LCD2W	HCI004WC	20.6	1	NA	1.00	0.500	09/03/1017:41	NA	HI02027	HI02023	HCI004W	NA	NA
IW-70-SAB11-P13	H661-01	ND	1	NA	1.00	0.500	09/03/1018:02	NA	HI02028	HI02023	HCI004W	08/30/1012:05	08/31/10
IW-70-SAB11-P13-D	H661-02	ND	1	NA	1.00	0.500	09/03/1019:08	NA	HI02029	HI02023	HCI004W	08/30/1012:10	08/31/10
IW-70-SAB03-P13	H661-03	ND	1	NA	1.00	0.500	09/03/1020:14	NA	HI02030	HI02023	HCI004W	08/30/1013:45	08/31/10
IW-70-SSB119-P13	H661-04	ND	1	NA	1.00	0.500	09/03/1021:20	NA	HI02031	HI02023	HCI004W	08/30/1014:55	08/31/10
IW-70-SHB319-P13	H661-05	ND	1	NA	1.00	0.500	09/03/1022:25	NA	HI02032	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MS	H661-05M	10.4	1	NA	1.00	0.500	09/03/1023:31	NA	HI02033	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MSD	H661-05S	10.5	1	NA	1.00	0.500	09/04/1000:37	NA	HI02034	HI02023	HCI004W	08/31/1008:20	08/31/10
IW-70-SHB311-P13	H661-06	ND	1	NA	1.00	0.500	09/04/1003:07	NA	HI02037	HI02035	HCI004W	08/31/1010:00	08/31/10
MW-70-PMW07A-A10	H661-09	ND	1	NA	1.00	0.500	09/04/1005:19	NA	HI02039	HI02035	HCI004W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	ND	1	NA	1.00	0.500	09/04/1006:25	NA	HI02040	HI02035	HCI004W	08/31/1013:30	08/31/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 104661

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MCL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110003	H110001	HC1008W	NA	NA
LCS1W	HC1008WL	19.7	1	NA	1.00	0.500	09/10/1016:49	NA	H110004	H110001	HC1008W	NA	NA
LCD1W	HC1008WC	19.3	1	NA	1.00	0.500	09/10/1017:10	NA	H110005	H110001	HC1008W	NA	NA
IW-70-SHB310-A10	H661-08	685	100	NA	100	50.0	09/10/1021:13	NA	H110010	H110007	HC1008W	08/31/1009:30	08/31/10
MBLK2W	HC1004WB	ND	1	NA	1.00	0.500	09/03/1016:59	NA	H102025	H102023	HC1004W	NA	NA
LCS2W	HC1004WL	18.0	1	NA	1.00	0.500	09/03/1017:20	NA	H102026	H102023	HC1004W	NA	NA
LCD2W	HC1004WC	19.1	1	NA	1.00	0.500	09/03/1017:41	NA	H102027	H102023	HC1004W	NA	NA
IW-70-SAB11-P13	H661-01	ND	1	NA	1.00	0.500	09/03/1018:02	NA	H102028	H102023	HC1004W	08/30/1012:05	08/31/10
IW-70-SAB11-P13-D	H661-02	ND	1	NA	1.00	0.500	09/03/1019:08	NA	H102029	H102023	HC1004W	08/30/1012:10	08/31/10
IW-70-SAB33-P13	H661-03	ND	1	NA	1.00	0.500	09/03/1020:14	NA	H102030	H102023	HC1004W	08/30/1013:45	08/31/10
IW-70-SSB119-P13	H661-04	1.20	1	NA	1.00	0.500	09/03/1021:20	NA	H102031	H102023	HC1004W	08/30/1014:55	08/31/10
IW-70-SHB319-P13	H661-05	ND	1	NA	1.00	0.500	09/03/1022:25	NA	H102032	H102023	HC1004W	08/31/1038:20	08/31/10
IW-70-SHB319-P13MS	H661-05M	9.52	1	NA	1.00	0.500	09/03/1023:31	NA	H102033	H102023	HC1004W	08/31/1038:20	08/31/10
IW-70-SHB319-P13MSD	H661-05S	9.33	1	NA	1.00	0.500	09/04/1000:37	NA	H102034	H102023	HC1004W	08/31/1038:20	08/31/10
IW-70-SHB311-P13	H661-06	ND	1	NA	1.00	0.500	09/04/1003:07	NA	H102037	H102035	HC1004W	08/31/1010:00	08/31/10
MW-70-PMW07A-A10	H661-09	ND	1	NA	1.00	0.500	09/04/1005:19	NA	H102039	H102035	HC1004W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	ND	1	NA	1.00	0.500	09/04/1006:25	NA	H102040	H102035	HC1004W	08/31/1013:30	08/31/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: KWS SEAL BEACH, 19 SLIP 70.
BATCH NO.: 1CH661
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HC1004WB	HC1004WL	HC1004WS		
LAB FILE ID:	H102025	H102026	H102027		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/03/1016:59	09/03/1017:20	09/03/1017:41	DATE RECEIVED:	NA
PREP. BATCH:	HC1004W	HC1004W	HC1004W		
CALIB. REF:	H102023	H102023	H102023		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	18.4	92	20.0	19.5	98	6	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC10008WB HC10008WL HC10008WC
LAB FILE ID: HC10003 HC10004 HC10005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC10008W HC10008W HC10008W
CALIB. REF: HC10001 HC10001 HC10001

ACCESSION:

PARAMETER	BLKK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.6	98	20.0	19.1	96	3	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 104661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: IW-70-SHB319-P'3
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: H102032 H102033 H102034
DATE EXTRACTED: NA NA NA DATE COLLECTED: 08/31/10 08:20
DATE ANALYZED: 09/03/1022:25 09/03/1023:31 09/04/1000:37 DATE RECEIVED: 08/31/10
PREP. BATCH: HC1004W HC1004W HC1004W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	0.583	10.0	10.3	97	10.0	10.6	100	3	75-125	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: HC1C04WB HC1C04WL HC1C04WC
LAB FILE ID: H102025 H102026 H102027
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1016:59 09/03/1017:20 09/03/1017:4' DATE RECEIVED: NA
PREP. BATCH: HC10C4W HC10C4W HC10C4W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.0	90	20.0	18.9	94	5	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10N661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: N6LK1W
LAB SAMP ID: HC1008WB HC1008WL HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.7	94	20.0	18.2	91	3	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: SW-70-SHB319-P13
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: H102032 H102033 H102034
DATE EXTRACTED: NA NA NA DATE COLLECTED: 08/31/10 08:20
DATE ANALYZED: 09/03/1022:25 09/03/1023:31 09/04/1000:37 DATE RECEIVED: 08/31/10
PREP. BATCH: HC1004W HC1004W HC1004W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	10.0	9.28	93	10.0	8.70	87	6	75-125	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: HC1004W3 HC1004WL HC1004WS
LAB FILE ID: H102025 H102026 H102027
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1016:59 09/03/1017:20 09/03/1017:41 DATE RECEIVED: NA
PREP. BATCH: HC1004W HC1004W HC1004W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	21.6	108	20.0	20.6	103	5	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1CH661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1008WB HC1008WL HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	18.7	94	5	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: IW-70-SHB319-P13
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: H102032 H102033 H102034
DATE EXTRACTED: NA NA NA DATE COLLECTED: 08/31/10 08:20
DATE ANALYZED: 09/03/1022:25 09/03/1023:3. 09/04/1000:37 DATE RECEIVED: 08/31/10
PREP. BATCH: HC1004W HC1004W HC1004W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	10.0	10.4	104	10.0	10.5	105	1	75-125	20

9506

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEA. BEACH, IR SITE 70.
BATCH NO.: 10H651
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1008WB HC1008WC HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	19.7	99	20.0	19.3	96	2	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 10H661
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HC1004WB	HC1004WL	HC1004WC		
LAB FILE ID:	H102025	H102026	H102027		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/03/1016:59	09/03/1017:20	09/03/1017:41	DATE RECEIVED:	NA
PREP. BATCH:	HC1004W	HC1004W	HC1004W		
CALIB. REF:	H102023	H102023	H102023		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	18.0	90	20.0	19.1	96	6	90-110	20

EPA QUALITY CONTROL DATA
MS/MSD ANALYSES

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1CH661
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: IW-70-SHB319-P13
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: H102032 H102033 H102034
DATE EXTRACTED: NA NA NA DATE COLLECTED: 08/31/10 08:20
DATE ANALYZED: 09/03/1022:25 09/03/1023:31 09/04/1000:37 DATE RECEIVED: 08/31/10
PREP. BATCH: HC1004W HC1004W HC1004W
CALIB. REF: H102023 H102023 H102023

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	10.0	9.52	95	10.0	9.33	93	2	75-125	20

0050

INITIAL CALIBRATION

IC SEQ FORM/HG15

LFID	LSID	SHCOMP	METHOD	DateTime	DF
HG15001	S-0	ABLPY	OA106G15	07/15/1017:49	1
HG15002	IB	ABLPY	OA106G15	07/15/1017:28	1
HG15003	S-1	ABLPY	OA106G15	07/15/1018:31	1
HG15004	S-2	ABLPY	OA106G15	07/15/1018:52	1
HG15005	S-3	ABLPY	OA106G15	07/15/1019:13	1
HG15006	S-4	ABLPY	OA106G15	07/15/1019:34	1
HG15007	S-5	ABLPY	OA106G15	07/15/1019:55	1
HG15008	ICV	ABLPY	OA106G15	07/15/1020:16	1
HG15009	ICB	ABLPY	OA106G15	07/15/1020:37	1
HG15010	CCV2	ABLPY	OA106G15	07/15/1020:58	1
HG15011	CCB2	ABLPY	OA106G15	07/15/1021:19	1
HG15012	HCGDD2WB	ABLPY	OA106G15	07/15/1021:40	1
HG15013	HCGDD2WL	ABLPY	OA106G15	07/15/1022:01	1
HG15014	HCGDD2WC	ABLPY	OA106G15	07/15/1022:22	1
HG15015	HCGDD4WL	ABLPY	OA106G15	07/15/1022:43	1
HG15016	HCGDD4WC	ABLPY	OA106G15	07/15/1023:04	1
HG15017	CCV4	ABLPY	OA106G15	07/15/1023:25	1
HG15018	CCB4	ABLPY	OA106G15	07/15/1023:46	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.27	LACTATE	0LOff	5	0.9998	-0.002845	0.2895	0.0000
2	4.52	ACETATE	0LOff	5	0.9998	0.003842	0.3156	0.0000
3	5.10	PROPIONA	0LOff	5	0.9997	0.001196	0.1928	0.0000
4	6.14	BUTYRATE	0LOff	5	0.9998	0.001785	0.1314	0.0000
5	7.15	PYRUVATE	0LOff	5	0.9996	-0.001555	0.1842	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
07/16/10

SECOND SOURCE VERIFICATION

IC RESULT FORM CalVersion: 300M.G15/HG15

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HG15001	S-0	ABLPY	ND	ND	ND	ND	ND	07/15/1017:49	1
HG15002	IB	ABLPY	ND	ND	ND	ND	ND	07/15/1017:28	1
HG15003	S-1	ABLPY	.098	.089	.108	.096	.102	07/15/1018:31	1
HG15004	S-2	ABLPY	.529	.508	.501	.53	.492	07/15/1018:52	1
HG15005	S-3	ABLPY	.983	1.03	.981	.975	1.013	07/15/1019:13	1
HG15006	S-4	ABLPY	2.006	1.993	1.981	2.003	1.963	07/15/1019:34	1
HG15007	S 5	ABLPY	2.997	2.994	3.018	3.001	3.021	07/15/1019:55	1
HG15008	ICV	ABLPY	99.2%	97.1%	102%	98.3%	105%	07/15/1020:16	1
HG15009	ICB	ABLPY	ND	ND	ND	ND	ND	07/15/1020:37	1
HG15010	CCV2	ABLPY	102%	100%	108%	101%	101%	07/15/1020:50	1
HG15011	CCB2	ABLPY	ND	ND	ND	ND	ND	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	ND	ND	ND	ND	ND	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	2	1.91	1.98	2	2	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	2	1.91	1.98	2	1.99	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	2.01	1.92	1.99	2.01	2	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	2.02	1.92	2	2.02	2	07/15/1023:04	1
HG15017	CCV4	ABLPY	102%	99.9%	108%	100%	99.4%	07/15/1023:25	1
HG15018	CCB4	ABLPY	ND	ND	ND	ND	ND	07/15/1023:46	1

AJ
07/16/10

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.G15/HG15 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI10001	CCV48	ABLPY	97.8%	92.7%	97.6%	97.3%	101%	09/10/1015:46	1
HI10002	CCB48	ABLPY	ND	ND	ND	ND	ND	09/10/1016:07	1
HI10003	HCI008WB	ABLPY	ND	ND	ND	ND	ND	09/10/1016:28	1
HI10004	HCI008WL	ABLPY	1.96	1.87	1.96	1.97	2.05	09/10/1016:49	1
HI10005	HCI008WC	ABLPY	1.91	1.82	1.87	1.93	1.97	09/10/1017:10	1
HI10006	H344-07	ABLPY	169	ND	ND	ND	ND	09/10/1017:42	100
HI10007	CCV50	ABLPY	97.9%	92.8%	97.7%	97.2%	101%	09/10/1019:25	1
HI10008	CCB50	ABLPY	ND	ND	ND	ND	ND	09/10/1019:46	1
HI10009	H661-08	*BL*Y	144E	46.4E	ND	67.6E	1.45	09/10/1020:07	10
HI10010	H661-08	ABLPY	196	42.7	ND	68.5	ND	09/10/1021:13	100
HI10011	H661-08	ABLPY	194	41.3	ND	64.8	ND	09/10/1022:19	200
HI10012	I008-05	**L*Y	35.3E	3.3E	ND	49.9E	.127	09/10/1023:25	1
HI10013	I019-01	*BLPY	16.1E	1.18	ND	ND	ND	09/11/1000:30	1
HI10014	I019-02	ABLPY	ND	ND	ND	ND	ND	09/11/1001:36	1
HI10015	I019-03	ABLPY	ND	ND	ND	ND	ND	09/11/1002:42	1
HI10016	I019-04	ABLPY	ND	ND	ND	ND	ND	09/11/1003:48	1
HI10017	I043-01	ABLPY	ND	ND	ND	ND	ND	09/11/1004:54	1
HI10018	I043-02	ABLPY	1.19	ND	ND	ND	ND	09/11/1006:00	1
HI10019	CCV52	ABLPY	98.5%	93.4%	101%	97.5%	104%	09/11/1007:27	1
HI10020	CCB52	ABLPY	ND	ND	ND	ND	ND	09/11/1007:48	1
HI10021	I043-03	ABLPY	ND	ND	ND	ND	ND	09/11/1008:30	1
HI10022	I043-04	ABLPY	ND	ND	ND	ND	ND	09/11/1009:36	1
HI10023	I043-05	ABLPY	ND	ND	ND	ND	ND	09/11/1010:42	1
HI10024	I018-01	ABLPY	ND	ND	ND	ND	ND	09/11/1011:47	1
HI10025	CCV53	ABLPY	94.2%	90.6%	98.6%	92.6%	106%	09/11/1013:13	1
HI10026	CCB53	ABLPY	ND	ND	ND	ND	ND	09/11/1013:34	1
HI10027	I018-01M	ABLPY	.814	.815	.887	.798	.993	09/11/1013:55	1
HI10028	I018-01S	ABLPY	.829	.847	.887	.827	.996	09/11/1015:01	1
HI10029	HCI010WL	ABLPY	1.9	1.83	1.98	1.88	2.12	09/11/1016:07	1
HI10030	HCI010WC	ABLPY	1.92	1.86	2	1.9	2.13	09/11/1016:28	1
HI10031	HCI010WB	ABLPY	ND	ND	ND	ND	ND	09/11/1017:52	1
HI10032	CCV54	ABLPY	95.7%	97.6%	99.7%	95.6%	108%	09/11/1018:13	1
HI10033	CCB54	ABLPY	ND	ND	ND	ND	ND	09/11/1019:16	1
HI10034	H632-01	ABLPY	ND	ND	ND	ND	ND	09/11/1019:37	1
HI10035	H632-02	**LPY	8.47E	5.78E	ND	2.54	.114	09/11/1020:43	1
HI10036	H632-03	**L**	50.9E	46.5E	ND	32.3E	3.41E	09/11/1021:49	1
HI10037	H632-03M	**L**	50.8E	46.3E	ND	32.3E	4.26E	09/11/1022:54	1
HI10038	H632-03S	**L**	50.9E	46.4E	ND	32.3E	4.37E	09/12/1000:00	1
HI10039	H632-04	**L**	122E	62.2E	ND	46.7E	5.05E	09/12/1001:06	1
HI10040	H632-05	ABLPY	ND	ND	ND	.41	ND	09/12/1002:12	1
HI10041	H632-06	ABLPY	ND	ND	ND	ND	ND	09/12/1003:18	1
HI10042	H632-07	*BL*Y	40.6E	ND	ND	53.6E	ND	09/12/1004:24	1
HI10043	H632-08	ABLPY	ND	ND	ND	ND	ND	09/12/1005:30	1
HI10044	CCV56	ABLPY	97.2%	99.3%	101%	97%	108%	09/12/1006:57	1
HI10045	CCB56	ABLPY	ND	ND	ND	ND	ND	09/12/1007:39	1

IC RESULT FORM CalVersion: 300M.G15/HG15 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI02001	CCV32	ABLPY	92.7%	94.6%	102%	93.7%	102%	09/02/1018:45	1
HI02002	CCB32	ABLPY	ND	ND	ND	ND	ND	09/02/1020:09	1
HI02003	HCI002WB	ABLPY	ND	ND	ND	ND	ND	09/02/1020:30	1
HI02004	HCI002WL	ABLPY	1.96	1.87	2	1.91	2.04	09/02/1021:12	1
HI02005	HCI002WC	ABLPY	2.19	1.86	1.96	2.03	2.03	09/02/1021:33	1
HI02006	H316-02	ABLPY	.201	ND	ND	ND	ND	09/02/1021:54	1
HI02007	H316-04	ABLPY	.048	ND	ND	ND	ND	09/02/1023:00	1
HI02008	H316-04M	ABLPY	1.05	.976	1.03	1.04	1.04	09/03/1000:06	1
HI02009	H316-04S	ABLPY	1.06	.956	1.03	1	1.05	09/03/1001:12	1
HI02010	H316-05	ABLPY	.088	ND	ND	ND	ND	09/03/1002:18	1
HI02011	H316-06	ABLPY	.029	ND	ND	ND	ND	09/03/1003:24	1
HI02012	H316-07	*BL*Y	5.55E	ND	ND	9E	ND	09/03/1004:30	1
HI02013	CCV34	ABLPY	93.4%	94%	94.8%	94.2%	97%	09/03/1005:36	1
HI02014	CCB34	ABLPY	ND	ND	ND	ND	ND	09/03/1005:56	1
HI02015	H316-08	ABL*Y	2.41	ND	ND	3.04E	ND	09/03/1006:17	1
HI02016	H344-02	ABLPY	.201	ND	ND	ND	ND	09/03/1007:23	1
HI02017	H344-03	ABLPY	.093	ND	ND	ND	ND	09/03/1008:29	1
HI02018	H344-04	ABLPY	.143	ND	ND	ND	ND	09/03/1009:35	1
HI02019	H344-05	ABLPY	.233	ND	ND	ND	ND	09/03/1010:41	1
HI02020	H344-06	**L**	41.1E	51.9E	ND	70.4E	5.28E	09/03/1011:47	1
HI02021	H344-07	*BLPY	38.7E	1.06	ND	ND	.349	09/03/1012:53	1
HI02022	H344-08	ABLPY	.36	.287	ND	ND	ND	09/03/1013:59	1
HI02023	CCV36	ABLPY	94.2% ✓	96.7% ✓	100% ✓	95.8% ✓	103%	09/03/1015:56	1
HI02024	CCB36	ABLPY	ND	ND	ND	ND	ND	09/03/1016:38	1
HI02025	HCI004WB	ABLPY	ND	ND	ND	ND	ND	09/03/1016:59	1
HI02026	HCI004WL	ABLPY	1.84	1.8	2.16	1.8	2.33	09/03/1017:20	1
HI02027	HCI004WC	ABLPY	1.95	1.89	2.06	1.91	2.16	09/03/1017:41	1
HI02028	H661-01	ABLPY	.37	ND	ND	ND	ND	09/03/1018:02	1
HI02029	H661-02	ABLPY	.297	ND	ND	ND	ND	09/03/1019:08	1
HI02030	H661-03	ABLPY	.076	ND	ND	ND	ND	09/03/1020:14	1
HI02031	H661-04	ABLPY	.312	ND	ND	.12	ND	09/03/1021:20	1
HI02032	H661-05	ABLPY	.058	ND	ND	ND	ND	09/03/1022:25	1
HI02033	H661-05M	ABLPY	1.03	.928	1.04	.952	1.06	09/03/1023:31	1
HI02034	H661-05S	ABLPY	1.06	.87	1.05	.933 ✓	1.07	09/04/1000:37	1
HI02035	CCV38	ABLPY	91.5% ✓	93.2% ✓	98.8% ✓	91.7% ✓	103%	09/04/1001:43	1
HI02036	CCB38	ABLPY	ND	ND	ND	ND	ND	09/04/1002:46	1
HI02037	H661-06	ABLPY	.125	ND	ND	ND	ND	09/04/1003:07	1
HI02038	H661-08	**L*Y	41.5E	30.9E	ND	34.3E	1.62	09/04/1004:13	1
HI02039	H661-09	ABLPY	.969	ND	ND	ND	ND	09/04/1005:19	1
HI02040	H661-10	ABLPY	.114	ND	ND	ND	ND	09/04/1006:25	1
HI02041	H344-11	*BL*Y	26.3E	1.1	ND	33.8E	.241	09/04/1007:31	1
HI02042	H316-07	ABLPY	5.61	ND	ND	9.27	ND	09/04/1008:37	5
HI02043	H316-08	ABLPY	2.4	ND	ND	2.98	ND	09/04/1009:42	2
HI02044	H344-06	**L*Y	123E	84E	ND	186E	4.25	09/04/1010:48	5
HI02045	H344-06	*BL*Y	257E	88.7	ND	391E	ND	09/04/1011:54	50
HI02046	H344-06	ABL*Y	266	87.9	ND	394E	ND	09/04/1013:00	100
HI02047	CCV40	ABLPY	94.1% ✓	95.2% ✓	102% ✓	93.6% ✓	104%	09/04/1014:06	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW9A-03 413

HCI002W : H316 & H344

HCI004W : H661 , H344 & H316

Book #:	A106-009
Instrument No.:	106
Analytical Sequence:	H562
Method File:	OA106GIS.mct
Analytical Batch:	HCI002W & HCI004W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW12A-02-261	
ICV		200
CCV		209
LCS		210
MS		206

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 09/02/10 - 09/03/

8059

Sequence: HIC2
Operator: cmadmin
Printed: 9/10/2010 4:04:57 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 56

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI02		IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000
2	HI02		S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000
3	HI02		S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000
4	HI02		S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000
5	HI02		S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000
6	HI02		S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000
7	HI02		S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000
8	HI02		ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000
9	HI02		ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000
10	HI02	001	CCV32	Unknown	41	25.0	ORG	OA106G15	Finished	9/2/2010 6:45:56 PM	1.0000
11	HI02	002	CCB32	Unknown	42	25.0	ORG	OA106G15	Finished	9/2/2010 8:09:51 PM	1.0000
12	HI02	003	HCIC02WB	Unknown	43	25.0	ORG	OA106G15	Finished	9/2/2010 8:30:50 PM	1.0000
13	HI02	004	HCIC02WL	Unknown	44	25.0	ORG	OA106G15	Finished	9/2/2010 9:12:47 PM	1.0000
14	HI02	005	HCI002WC	Unknown	44	25.0	ORG	OA106G15	Finished	9/2/2010 9:33:46 PM	1.0000
15	HI02	006	H316-02	Unknown	1	25.0	ORG-SAMPLE	OA106G15	Finished	9/2/2010 9:54:45 PM	1.0000
16	HI02	007	H316-04	Unknown	2	25.0	ORG-SAMPLE	OA106G15	Finished	9/2/2010 11:00:39 PM	1.0000
17	HI02	008	H316-04M	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 12:06:33 AM	1.0000
18	HI02	009	H316-04S	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 1:12:26 AM	1.0000
19	HI02	010	H316-05	Unknown	4	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 2:18:19 AM	1.0000
20	HI02	011	H316-06	Unknown	5	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 3:24:13 AM	1.0000
21	HI02	012	H316-07	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 4:30:07 AM	1.0000
22	HI02	013	CCV34	Unknown	41	25.0	ORG	OA106G15	Finished	9/3/2010 5:36:01 AM	1.0000
23	HI02	014	CCB34	Unknown	42	25.0	ORG	OA106G15	Finished	9/3/2010 5:56:59 AM	1.0000
24	HI02	015	H316-08	Unknown	7	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 6:17:58 AM	1.0000
25	HI02	016	H344-02	Unknown	8	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 7:23:51 AM	1.0000
26	HI02	017	H344-03	Unknown	9	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 8:29:45 AM	1.0000
27	HI02	018	H344-04	Unknown	10	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 9:35:39 AM	1.0000

FINAL

Sequence: HI02
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 56

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No	Sequence	Comment
1	HI02	
2	HI02	
3	HI02	
4	HI02	
5	HI02	
6	HI02	
7	HI02	
8	HI02	
9	HI02	
10	HI02	
11	HI02	
12	HI02	
13	HI02	
14	HI02	
15	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
17	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
18	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
19	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
20	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
21	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
22	HI02	
23	HI02	
24	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Sequence HI02
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C91_ocal
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 56

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI02	019	H344-05	Unknown	11	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 10:41:33 AM	1.0000
29	HI02	020	H344-06	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 11:47:26 AM	1.0000
30	HI02	021	H344-07	Unknown	13	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 12:53:20 PM	1.0000
31	HI02	022	H344-08	Unknown	14	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 1:59:14 PM	1.0000
32	HI02	023	CCV36	Unknown	45	25.0	ORG	OA106G15	Finished	9/3/2010 3:56:32 PM	1.0000
33	HI02	024	CCB36	Unknown	47	25.0	ORG	OA106G15	Finished	9/3/2010 4:38:29 PM	1.0000
34	HI02	025	HCI004WB	Unknown	47	25.0	ORG	OA106G15	Finished	9/3/2010 4:59:28 PM	1.0000
35	HI02	026	HCI004WL	Unknown	48	25.0	ORG	OA106G15	Finished	9/3/2010 5:20:26 PM	1.0000
36	HI02	027	HCI004WC	Unknown	48	25.0	ORG	OA106G15	Finished	9/3/2010 5:41:25 PM	1.0000
37	HI02	028	H661-01	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 6:02:24 PM	1.0000
38	HI02	029	H661-02	Unknown	17	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 7:08:17 PM	1.0000
39	HI02	030	H661-03	Unknown	18	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 8:14:11 PM	1.0000
40	HI02	031	H661-04	Unknown	19	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 9:20:04 PM	1.0000
41	HI02	032	H661-05	Unknown	20	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 10:25:58 PM	1.0000
42	HI02	033	H661-05M	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/3/2010 11:31:51 PM	1.0000
43	HI02	034	H661-05S	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 12:37:44 AM	1.0000
44	HI02	035	CCV38	Unknown	45	25.0	ORG	OA106G15	Finished	9/4/2010 1:43:38 AM	1.0000
45	HI02	036	CCB38	Unknown	50	25.0	ORG	OA106G15	Finished	9/4/2010 2:46:34 AM	1.0000
46	HI02	037	H661-06	Unknown	22	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 3:07:33 AM	1.0000
47	HI02	038	H661-08	Unknown	23	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 4:13:27 AM	1.0000
48	HI02	039	H661-09	Unknown	24	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 5:19:20 AM	1.0000
49	HI02	040	H661-10	Unknown	25	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 6:25:13 AM	1.0000
50	HI02	041	H344-11	Unknown	15	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 7:31:07 AM	1.0000
51	HI02	042	H316-07	Unknown	26	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 8:37:01 AM	5.0000
52	HI02	043	H316-08	Unknown	27	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 9:42:54 AM	2.0000
53	HI02	044	H344-06	Unknown	28	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 10:48:48 AM	5.0000
54	HI02	045	H344-06	Unknown	29	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 11:54:42 AM	50.0000

FINAL

Sequence: HI02
Operator: cmadmin

Printed 9/10/2010 4:04:57 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 55

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No.	Sequence	Comment
28	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
29	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
30	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
31	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
32	HI02	
33	HI02	
34	HI02	
35	HI02	
36	HI02	
37	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
40	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
41	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
42	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
43	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
44	HI02	
45	HI02	
46	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
47	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
48	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
49	HI02	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
50	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
54	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Chromeleon © Dionex Corporation, Version 6.70 Build 1820

Sequence: HI02
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q31 local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 56

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI02	046	H344-06	Unknown	30	25.0	ORG-SAMPLE	OA106G15	Finished	9/4/2010 1:00:36 PM	100.0000
56	HI02	047	CCV40	Unknown	45	25.0	ORG	OA106G15	Finished	9/4/2010 2:06:29 PM	1.0000

FINAL

Sequence: HI02
Operator: cmadmin

Printed 9/10/2010 4:04:57 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 56

Created: 9/2/2010 5:51:54 PM by cmadmin
Last Update: 9/10/2010 3:47:56 PM by cmadmin

No.	Sequence	Comment
55	HI02	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI02	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Nail: SW94 - 03 013

HCI008W - H344, H661, I008, I019, I043 & I018

HCI010W - H632

* Sequence run got interrupted due to no eluent @ H110.049 (53) (a.0 reinjs) (a.2 reinjs)

H118.046 - H110.049 : Re-run all samples

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H110
Method File:	0A106C15.met
Analytical Batch:	HCI008W WAT 8W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX 300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW 124 - 02 - 201	
ICV		200
CCV		213
LCS		214
MS		512

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: a.l

Date: 09/10/10 - 09/11/10

Sequence: HI10
Operator: cmadmin

Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C91_local
Location: Organic Acid\2010
Timebase: IC51000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI10		IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000
2	HI10		S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000
3	HI10		S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000
4	HI10		S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000
5	HI10		S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000
6	HI10		S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000
7	HI10		S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000
8	HI10		ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000
9	HI10		ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000
10	HI10	C01	CCV48	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 3:45:14 PM	1.0000
11	HI10	C02	CCB48	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 4:07:12 PM	1.0000
12	HI10	C03	HCI008WB	Unknown	93	25.0	ORG	OA106G15	Finished	9/10/2010 4:28:11 PM	1.0000
13	HI10	C04	HCI008WL	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 4:49:10 PM	1.0000
14	HI10	C05	HCI008WC	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 5:10:09 PM	1.0000
15	HI10	006	H344-07	Unknown	61	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 5:42:16 PM	100.0000
16	HI10	007	CCV50	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 7:25:26 PM	1.0000
17	HI10	008	CCB50	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 7:46:25 PM	1.0000
18	HI10	009	H661-08	Unknown	62	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 8:07:24 PM	10.0000
19	HI10	010	H661-08	Unknown	63	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 9:13:17 PM	100.0000
20	HI10	011	H661-08	Unknown	64	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 10:19:11 PM	200.0000
21	HI10	012	I003-05	Unknown	1	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 11:25:04 PM	1.0000
22	HI10	013	I019-01	Unknown	2	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 12:30:58 AM	1.0000
23	HI10	014	I019-02	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:36:51 AM	1.0000
24	HI10	015	I019-03	Unknown	4	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 2:42:45 AM	1.0000
25	HI10	016	I019-04	Unknown	5	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:48:38 AM	1.0000
26	HI10	C17	I043-01	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 4:54:32 AM	1.0000
27	HI10	C18	I043-02	Unknown	7	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 6:00:25 AM	1.0000

FINAL

Sequence HI10
Operator cmadmin

Title Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
1	HI10	
2	HI10	
3	HI10	
4	HI10	
5	HI10	
6	HI10	
7	HI10	
8	HI10	
9	HI10	
10	HI10	
11	HI10	
12	HI10	
13	HI10	
14	HI10	
15	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI10	
17	HI10	
18	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS2
20	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI10	
22	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI10
Operator: cmadmin

Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D09B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI10	019	CCV52	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 7:27:18 AM	1.0000
29	HI10	020	CCB52	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 7:48:17 AM	1.0000
30	HI10	021	I043-03	Unknown	8	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:30:14 AM	1.0000
31	HI10	022	I043-04	Unknown	9	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:36:08 AM	1.0000
32	HI10	023	I043-05	Unknown	10	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:42:01 AM	1.0000
33	HI10	024	I018-01	Unknown	11	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 11:47:55 AM	1.0000
34	HI10	025	CCV53	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 1:13:44 PM	1.0000
35	HI10	026	CCB53	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 1:34:43 PM	1.0000
36	HI10	027	I018-01M	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:55:41 PM	1.0000
37	HI10	028	I018-01S	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:01:35 PM	1.0000
38	HI10	029	HCI010WL	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:07:29 PM	1.0000
39	HI10	030	HCI010WC	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:28:27 PM	1.0000
40	HI10	031	HCI010WB	Unknown	96	25.0	ORG	OA106G15	Finished	9/11/2010 5:52:22 PM	1.0000
41	HI10	032	CCV54	Unknown	97	25.0	ORG	OA106G15	Finished	9/11/2010 6:13:21 PM	1.0000
42	HI10	033	CCB54	Unknown	98	25.0	ORG	OA106G15	Finished	9/11/2010 7:16:18 PM	1.0000
43	HI10	034	H632-01	Unknown	13	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 7:37:17 PM	1.0000
44	HI10	035	H632-02	Unknown	14	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:43:10 PM	1.0000
45	HI10	036	H632-03	Unknown	15	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:49:04 PM	1.0000
46	HI10	037	H632-03M	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:54:57 PM	1.0000
47	HI10	038	H632-03S	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 12:00:51 AM	1.0000
48	HI10	039	H632-04	Unknown	17	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 1:06:45 AM	1.0000
49	HI10	040	H632-05	Unknown	18	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 2:12:38 AM	1.0000
50	HI10	041	H632-06	Unknown	19	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 3:18:32 AM	1.0000
51	HI10	042	H632-07	Unknown	20	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 4:24:25 AM	1.0000
52	HI10	043	H632-08	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 5:30:19 AM	1.0000
53	HI10	044	CCV56	Unknown	97	25.0	ORG	OA106G15	Finished	9/12/2010 6:57:11 AM	1.0000
54	HI10	045	CCB56	Unknown	98	25.0	ORG	OA106G15	Finished	9/12/2010 7:39:09 AM	1.0000

FINAL

Sequence HI10
Operator cmadmin

Title: Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
28	HI10	
29	HI10	
30	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
36	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI10	
39	HI10	
40	HI10	
41	HI10	
42	HI10	
43	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
44	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
45	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
46	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
47	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
48	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
49	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
50	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI10	
54	HI10	

FINAL

Sequence: HI10
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI10	046	H632-10	Unknown	22	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 8:00:08 AM	1.0000
56	HI10	047	H632-11	Unknown	23	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 9:06:01 AM	1.0000
57	HI10	048	H632-12	Unknown	24	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 10:11:56 AM	1.0000
58	HI10	049	H632-13	Unknown	25	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 11:17:50 AM	1.0000
59	HI10	050	H632-14	Unknown	26	25.0	ORG-SAMPLE	OA106G15	Interrupted	9/12/2010 12:17:51 PM	1.0000
60	HI10	051	H632-15	Unknown	27	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
61	HI10	052	H632-16	Unknown	28	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
62	HI10	053	CCV58	Unknown	97	25.0	ORG	OA106G15	Single		1.0000
63	HI10	054	CCB58	Unknown	98	25.0	ORG	OA106G15	Single		1.0000

FINAL

Sequence: HI10
Operator: cmadmin
Printed: 9/13/2010 10:50:10 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3091_local
Location: Organic Acid/2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
55	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
57	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
59	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
60	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
61	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
62	HI10	
63	HI10	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
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ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.O.F. SW124-03-013

ICAL S-0 0 ppm ICV 2.0 ppm
S-1 0.1 ppm
S-2 0.5 ppm
S-3 1.0 ppm
S-4 2.0 ppm
S-5 3.0 ppm

Adj. 4 LCS

Book #: A106-007

Instrument No.: 106

Analytical Sequence: 4615

Method File: OA106615

Analytical Batch: HLG207.W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW124-02-201
ICV	SW124-02-100
CCV	SW124-02-198
LCS	SW124-02-199
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: AM

Date: 7/15/10

Sequence: HG15
Operator: cmadmin

Printed: 7/16/2010 9:56:58 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 18

Created: 7/15/2010 4:12:03 PM by cmadmin
Last Update: 7/16/2010 9:58:52 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HG15	002	B	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000	
2	HG15	001	S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000	
3	HG15	003	S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000	
4	HG15	004	S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000	
5	HG15	005	S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000	
6	HG15	006	S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000	
7	HG15	007	S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000	
8	HG15	008	ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000	
9	HG15	009	ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000	
10	HG15	010	CCV2	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 8:58:22 PM	1.0000	
11	HG15	011	CCB2	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 9:19:20 PM	1.0000	
12	HG15	012	HCG002WB	Unknown	33	25.0	ORG	OA106G15	Finished	7/15/2010 9:40:19 PM	1.0000	
13	HG15	013	HCG002WL	Unknown	34	25.0	ORG	OA106G15	Finished	7/15/2010 10:01:18 PM	1.0000	
14	HG15	014	HCG002WC	Unknown	35	25.0	ORG	OA106G15	Finished	7/15/2010 10:22:16 PM	1.0000	
15	HG15	015	HCG004WL	Unknown	36	25.0	ORG	OA106G15	Finished	7/15/2010 10:43:15 PM	1.0000	
16	HG15	016	HCG004WC	Unknown	37	25.0	ORG	OA106G15	Finished	7/15/2010 11:04:14 PM	1.0000	
17	HG15	017	CCV4	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 11:25:13 PM	1.0000	
18	HG15	018	CCB4	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 11:46:11 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 2320B
TOTAL ALKALINITY

A total of three (3) water samples were received on 08/31/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries were within QC limits except for one result qualified with [*] in ALI005WL/C summary form. Check QC summary form for details.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10N661

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1005WB	ND	1	NA	5.00	1.00	09/07/1018:15	NA	10E5102065	NA	AL1005W	NA	NA
LCS1W	AL1005WL	587	1	NA	5.00	1.00	09/07/1018:26	NA	10E5102066	NA	AL1005W	NA	NA
LCD1W	AL1005WC	588	1	NA	5.00	1.00	09/07/1018:38	NA	10E5102067	NA	AL1005W	NA	NA
IW-70-SH8310-A10	H661-08	754	1	NA	5.00	1.00	09/07/1021:49	NA	10E5102089	NA	AL1005W	08/31/1009:30	08/31/10
MW-70-PMW07A-A10	H661-09	778	1	NA	5.00	1.00	09/07/1022:02	NA	10E5102090	NA	AL1005W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	244	1	NA	5.00	1.00	09/07/1022:09	NA	10E5102091	NA	AL1005W	08/31/1013:30	08/31/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK1W		
LAB SAMP ID:	AL1005WB	AL1005WC	AL1005WD
LAB FILE ID:	10E5102065	10E5102066	10E5102067
DATE EXTRACTED:	NA	NA	NA
DATE ANALYZED:	09/07/1018:15	09/07/1018:26	09/07/1018:38
PREP. BATCH:	AL1005W	AL1005W	AL1005W
CALIB. REF:	NA	NA	NA

DATE COLLECTED: NA
DATE RECEIVED: NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	369	587	159*	369	588	159*	0	80-120	20

230203

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: 0.4ml of SWP1-04-084 (10,000 ppm) was spiked into samples for a final volume of 40ml.

Matrix recovery failed due to matrix interference of sample J005-3

Method #320 for SDG: H394, H385, H624, H998, H661

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5J02

Analytical Sequence: ALI005W, ALI006

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-358	576
MS/MSD SWP1-04-084	100
ICV SWI-01-192	32.9
0.02N HCL SWP1-01-254	0.02

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-263
pH 10	SWI-01-251
pH Check	SWI-01-262

Analyzed By: [illegible]

Date: [illegible]

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 472 **Analytical Batch#** 10E5I02

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
62	ICV PH8	10E5I02	09/07/2010	5:56 PM	7.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
63	ICV	10E5I02	09/07/2010	6:03 PM	8.33	.05	.82	-1.00	1.61	32.84	29.22	3.61	.00	
64	ICB	10E5I02	09/07/2010	6:10 PM	6.21	.00	.04	.05	.00	.78	.78	.00	.00	
65	ALI005WB	10E5I02	09/07/2010	6:15 PM	5.36	.00	.02	.05	.00	.05	.05	.00	.00	
66	ALI005WL	10E5I02	09/07/2010	6:26 PM	8.95	8.48	14.69	-1.00	339.37	587.45	.00	496.16	91.29	
67	ALI005WC	10E5I02	09/07/2010	6:36 PM	8.96	8.67	14.70	-1.00	346.93	587.81	.00	481.77	106.04	
68	I005-03	10E5I02	09/07/2010	6:46 PM	7.60	.00	7.45	-1.00	.00	297.82	297.82	.00	.00	
69	I005-03M	10E5I02	09/07/2010	6:54 PM	8.45	.21	8.97	-1.00	8.39	358.95	342.17	16.79	.00	
70	I005-03S	10E5I02	09/07/2010	7:04 PM	8.50	.32	9.06	-1.00	12.83	362.47	336.82	25.66	.00	
71	I032-01	10E5I02	09/07/2010	7:13 PM	7.70	.00	8.25	-1.00	.00	330.07	330.07	.00	.00	
72	H633-02	10E5I02	09/07/2010	7:21 PM	7.81	.00	7.83	-1.00	.00	313.10	313.10	.00	.00	
73	H633-04	10E5I02	09/07/2010	7:30 PM	7.69	.00	8.74	-1.00	.00	349.77	349.77	.00	.00	
74	H633-05	10E5I02	09/07/2010	7:38 PM	7.67	.00	8.77	-1.00	.00	350.64	350.64	.00	.00	
75	I003-02	10E5I02	09/07/2010	7:48 PM	7.84	.00	9.97	-1.00	.00	398.95	398.95	.00	.00	
76	I003-03	10E5I02	09/07/2010	7:56 PM	7.96	.00	10.36	-1.00	.00	414.55	414.55	.00	.00	
77	I003-04	10E5I02	09/07/2010	8:05 PM	8.14	.00	10.26	-1.00	.00	411.17	411.17	.00	.00	
78	I003-06	10E5I02	09/07/2010	8:15 PM	7.78	.00	9.55	-1.00	.00	381.81	381.81	.00	.00	
79	I003-07	10E5I02	09/07/2010	8:23 PM	7.77	.00	8.07	-1.00	.00	322.60	322.60	.00	.00	

Analyzed by: EC

Reviewed by: EC

Date: 9/8/10

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Run Number 472 **Analytical Batch#** 10E5I02

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
80	I003-07D	10E5I02	09/07/2010	8:31 PM	7.78	.00	8.04	-1.00	.00	321.61	321.61	.00	.00	
81	I003-08	10E5I02	09/07/2010	8:40 PM	7.57	.00	9.44	-1.00	.00	377.52	377.52	.00	.00	
82	I038-02	10E5I02	09/07/2010	8:48 PM	7.86	.00	9.61	-1.00	.00	384.54	384.54	.00	.00	
83	I038-04	10E5I02	09/07/2010	8:58 PM	8.05	.00	10.12	-1.00	.00	404.93	404.93	.00	.00	
84	CCV1	10E5I02	09/07/2010	9:08 PM	9.10	9.89	14.58	-1.00	395.41	583.14	.00	375.46	207.68	
85	CCB1	10E5I02	09/07/2010	9:14 PM	6.02	.00	.04	.07	.00	.08	.08	.00	.00	
86	H998-01	10E5I02	09/07/2010	9:20 PM	6.89	.00	6.36	-1.00	.00	254.23	254.23	.00	.00	
87	H998-02	10E5I02	09/07/2010	9:26 PM	7.33	.00	3.48	-1.00	.00	139.23	139.23	.00	.00	
88	H998-03	10E5I02	09/07/2010	9:36 PM	8.62	.20	4.33	-1.00	8.08	173.40	157.24	16.16	.00	
89	H661-08	10E5I02	09/07/2010	9:49 PM	4.91	.00	18.85	-1.00	.00	753.95	753.95	.00	.00	
90	H661-09	10E5I02	09/07/2010	10:02 PM	7.53	.00	19.45	-1.00	.00	778.08	778.08	.00	.00	
91	H661-10	10E5I02	09/07/2010	10:09 PM	7.62	.00	6.11	-1.00	.00	244.24	244.24	.00	.00	
92	RINSE	10E5I02	09/07/2010	10:15 PM	6.40	.00	.07	.13	.00	.13	.13	.00	.00	
93	ALI006WB	10E5I02	09/07/2010	10:22 PM	5.79	.00	.05	.10	.00	.25	.25	.00	.00	
94	ALI006WL	10E5I02	09/07/2010	10:33 PM	9.16	10.26	14.53	-1.00	410.29	581.08	.00	341.58	239.51	
95	ALI006WC	10E5I02	09/07/2010	10:43 PM	9.14	10.24	14.66	-1.00	409.64	566.58	.00	353.87	232.70	
96	H361-02	10E5I02	09/07/2010	10:53 PM	8.24	.00	9.97	-1.00	.00	398.85	398.85	.00	.00	
97	H361-02D	10E5I02	09/07/2010	11:01 PM	8.25	.00	9.98	-1.00	.00	399.26	399.26	.00	.00	
98	H361-03	10E5I02	09/07/2010	11:11 PM	8.15	.00	10.59	-1.00	.00	423.43	423.43	.00	.00	
99	H361-04	10E5I02	09/07/2010	11:20 PM	8.20	.00	10.56	-1.00	.00	422.52	422.52	.00	.00	

Analyzed by: RC

Reviewed by: RC 9/8/10 Date: 9/8/10

PC-TitraDON PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW

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Run Number 472 **Analytical Batch#** **10E5I02**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
100	H361-05	10E5I02	09/07/2010	11:29 PM	8.27	.00	10.09	-1.00	.00	403.61	403.61	.00	.00	
101	H395-02	10E5I02	09/07/2010	11:39 PM	8.19	.00	10.43	-1.00	.00	417.05	417.05	.00	.00	
102	H368-07	10E5I02	09/07/2010	11:47 PM	7.93	.00	5.13	-1.00	.00	205.16	205.16	.00	.00	
103	H368-08	10E5I02	09/07/2010	11:55 PM	8.19	.00	8.77	-1.00	.00	350.86	350.86	.00	.00	
104	H368-09	10E5I02	09/08/2010	12:05 AM	8.17	.00	11.10	-1.00	.00	443.82	443.82	.00	.00	
105	H368-10	10E5I02	09/08/2010	12:14 AM	8.19	.00	10.25	-1.00	.00	409.92	409.92	.00	.00	
106	H394-01	10E5I02	09/08/2010	12:23 AM	7.82	.00	7.88	-1.00	.00	315.13	315.13	.00	.00	
107	H394-02	10E5I02	09/08/2010	12:30 AM	7.90	.00	5.27	-1.00	.00	210.74	210.74	.00	.00	
108	H385-01	10E5I02	09/08/2010	12:37 AM	7.00	.00	2.60	-1.00	.00	103.85	103.85	.00	.00	
109	H385-02	10E5I02	09/08/2010	12:45 AM	7.83	.00	8.73	-1.00	.00	349.26	349.26	.00	.00	
110	H385-04	10E5I02	09/08/2010	12:55 AM	7.18	.00	9.96	-1.00	.00	399.01	399.01	.00	.00	
111	H624-01	10E5I02	09/08/2010	1:04 AM	6.63	.00	12.18	-1.00	.00	487.05	487.05	.00	.00	
112	H624-02	10E5I02	09/08/2010	1:11 AM	6.35	.00	7.65	-1.00	.00	306.12	306.12	.00	.00	
113	H624-03	10E5I02	09/08/2010	1:20 AM	7.21	.00	9.22	-1.00	.00	368.85	368.85	.00	.00	
114	H624-04	10E5I02	09/08/2010	1:30 AM	6.57	.00	14.03	-1.00	.00	561.30	561.30	.00	.00	
115	CCV2	10E5I02	09/08/2010	1:41 AM	9.13	9.94	14.40	-1.00	397.52	576.02	.00	357.00	219.02	
116	CCB2	10E5I02	09/08/2010	1:48 AM	6.69	.00	.08	.12	.00	1.44	1.44	.00	.00	
117	RINSE	10E5I02	09/08/2010	1:54 AM	5.00	.00	.04	.08	.00	-.24	-.24	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/8/10

PC-Titration PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW

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PC-Titrate For Windows

Running List Report

Order Number - 10E5I02

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	ICV	5	.00	25.00
4	PH-ALK	ICB	6	.00	25.00
5	PH-ALK	ALI005WB	7	.00	25.00
6	PH-ALK	ALI005WL	8	.00	25.00
7	PH-ALK	ALI005WC	9	.00	25.00
8	PH-ALK	I005-03	10	.00	25.00
9	PH-ALK	I005-03M	11	.00	25.00
10	PH-ALK	I005-03S	12	.00	25.00
11	PH-ALK	I032-01	13	.00	25.00
12	PH-ALK	H633-02	14	.00	25.00
13	PH-ALK	H633-04	15	.00	25.00
14	PH-ALK	H633-05	16	.00	25.00
15	PH-ALK	I003-02	17	.00	25.00
16	PH-ALK	I003 03	18	.00	25.00
17	PH-ALK	I003-04	19	.00	25.00
18	PH-ALK	I003-06	20	.00	25.00
19	PH-ALK	I003-07	21	.00	25.00
20	PH-ALK	I003 07D	22	.00	25.00
21	PH-ALK	I003-08	23	.00	25.00
22	PH-ALK	I038-02	24	.00	25.00
23	PH-ALK	I038-04	25	.00	25.00
24	PH-ALK	CCV1	26	.00	25.00
25	PH-ALK	CCB1	27	.00	25.00
26	PH-ALK	H998-01	28	.00	25.00
27	PH-ALK	H998-02	29	.00	25.00
28	PH-ALK	H998-03	30	.00	25.00
29	PH-ALK	H661-08	31	.00	25.00
30	PH-ALK	H661-09	32	.00	25.00
31	PH-ALK	H661-10	33	.00	25.00
32	PH-ALK	RINSE	34	.00	25.00
33	PH-ALK	ALI006WB	35	.00	25.00
34	PH-ALK	ALI006WL	36	.00	25.00
35	PH-ALK	ALI006WC	37	.00	25.00
36	PH-ALK	H361-02	38	.00	25.00
37	PH-ALK	H361-02D	39	.00	25.00
38	PH-ALK	H361-03	40	.00	25.00
39	PH-ALK	H361-04	41	.00	25.00
40	PH-ALK	H361-05	42	.00	25.00

runninglist.SRW
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8092

Running List Report

Order Number - 10E5102

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	H388-02	43	.00	25.00
42	PH-ALK	H388-07	44	.00	25.00
43	PH-ALK	H388-08	45	.00	25.00
44	PH-ALK	H388-09	46	.00	25.00
45	PH-ALK	H388-10	47	.00	25.00
46	PH-ALK	H394-01	48	.00	25.00
47	PH-ALK	H394-02	49	.00	25.00
48	PH-ALK	H385-01	50	.00	25.00
49	PH-ALK	H385-02	51	.00	25.00
50	PH-ALK	H385-04	52	.00	25.00
51	PH-ALK	H624-01	53	.00	25.00
52	PH-ALK	H624-02	54	.00	25.00
53	PH-ALK	H624-03	55	.00	25.00
54	PH-ALK	H624-04	56	.00	25.00
55	PH-ALK	CCV2	57	.00	25.00
56	PH-ALK	CCB2	58	.00	25.00
57	PH-ALK	RINSE	59	.00	25.00

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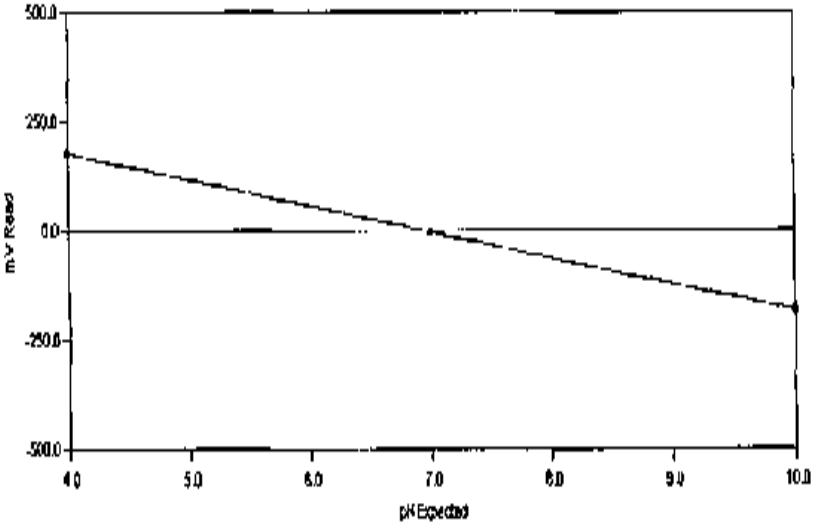
PC-TitratION PLUS

Calibration Report

Calibration Record # 210



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/07/2010	
Channel	1	Time	5:53 PM	
Probe Type	pH	Temperature	297.87 K	24.72 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.650	CorrCoeff	0.9999
Intercept	-3.617	Equation: Y = (-59.650) X + (-3.617)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.650	-65.00	-53.00
Intercept	-3.617	-40.00	40.00
Correlation Coefficient	0.9999	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	176.39
	7.00	-5.73
	10.00	-181.51

PC-TitratION PLUS by Man-Tech Associates, Inc.

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of three (3) water samples were received on 08/31/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI002WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10H66'

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI032WB	ND	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00201	NA	TDI002W	NA	NA
LCS1W	TDI002WL	985	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00202	NA	TDI002W	NA	NA
LCD1W	TDI002WC	950	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00203	NA	TDI002W	NA	NA
MW-70-PMW07A-A10	H661-09	26000	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00204	NA	TDI002W	08/31/1012:50	08/31/10
DW-70-SMB31C-A10	H661-08	13700	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00220	NA	TDI002W	08/31/1009:30	08/31/10
MW-70-PMW07B-A10	H661-10	3280	1	NA	20.0	5.00	09/02/1016:14	NA	TDI00222	NA	TDI002W	08/31/1013:30	08/31/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H66F
METHOD: METHOD 2540C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	TD1C02WB	TD1002WL	TD1C02WC		
LAB FILE ID:	TD100201	TD100202	TD100203		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/02/1016:14	09/02/1016:14	09/02/1016:14	DATE RECEIVED:	NA
PREP. BATCH:	TD1032W	TD1002W	TD1002W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	985	98	1000	950	95	4	80-120	20

EMAX LABORATORIES, INC

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDS Rt 2

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-246	1000

Analyzed By: MJM

Date: 9/7/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES INC.

Instrument ID: 40706360 Oven Temp IN (°C): 180 Oven Temp OUT (°C): 180 SOP: EMAX369-1.5

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight - Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg	Difference 2nd & 3rd Dry Wt. Rdg (<0.5 mg)
TD1002 01	TD1002WB	100	B	71.4098	09/02/10	16:14	71.4098	09/03/10	17:04	71.4098	09/03/10	19:50	71.4099	09/03/10	19:50	0	0.1
TD1002 02	TD1002WA	20	A	13.3333	09/02/10	16:14	13.3334	09/03/10	17:04	13.3333	09/03/10	19:50	13.3333	09/03/10	19:50	-0.0001	0.0
TD1002 03	TD1002WC	20	C	13.0096	09/02/10	16:14	13.0087	09/03/10	17:06	13.0086	09/03/10	19:51	13.0086	09/03/10	19:51	-0.0001	0.0
TD1002 04	51661-09	5	1	13.6776	09/02/10	16:14	13.2078	09/03/10	17:06	13.2078	09/03/10	19:51	13.2078	09/03/10	19:51	0	0.0
TD1002 05	1003-02	50	2	68.2476	09/02/10	16:15	68.2278	09/03/10	17:07	68.2278	09/03/10	19:52	68.2278	09/03/10	19:52	-0.0001	0.0
TD1002 06	1003-03	20	3	13.1552	09/02/10	16:15	13.2014	09/03/10	17:07	13.2022	09/03/10	19:53	13.2022	09/03/10	19:53	-0.0001	0.0
TD1002 07	1003-04	50	4	76.5457	09/02/10	16:15	76.575	09/03/10	17:07	76.575	09/03/10	19:53	76.575	09/03/10	19:53	0	0.0
TD1002 08	1003-06	50	5	71.4109	09/02/10	16:15	71.4351	09/03/10	17:08	71.439	09/03/10	19:54	71.4389	09/03/10	19:54	-0.0001	0.0
TD1002 09	1003-07	50	6	73.6181	09/02/10	16:15	73.646	09/03/10	17:08	73.6457	09/03/10	19:54	73.6459	09/03/10	19:54	-0.0002	0.0
TD1002 10	1003-08	50	7	71.4052	09/02/10	16:16	71.4333	09/03/10	17:09	71.4331	09/03/10	19:55	71.433	09/03/10	19:55	0.0002	0.0
TD1002 11	1003-08	50	8	13.3676	09/02/10	16:16	13.3833	09/03/10	17:09	13.3835	09/03/10	19:55	13.3834	09/03/10	19:55	0.0001	0.1
TD1002 12	1003-01	50	9	72.6694	09/02/10	16:16	72.6978	09/03/10	17:09	72.6977	09/03/10	19:55	72.6976	09/03/10	19:55	-0.0001	0.1
TD1002 13	1003-02	50	10	76.3454	09/02/10	16:17	76.3714	09/03/10	17:10	76.3715	09/03/10	19:55	76.3715	09/03/10	19:55	0.0001	0.0
TD1002 14	1003-09	50	11	69.5748	09/02/10	16:17	69.7002	09/03/10	17:10	69.7000	09/03/10	19:56	69.7002	09/03/10	19:56	0	0.0
TD1002 15	1003-02	50	12	71.5438	09/02/10	16:17	71.5747	09/03/10	17:10	71.5743	09/03/10	19:56	71.5743	09/03/10	19:56	-0.0004	0.1
TD1002 16	1003-03	50	13	68.4514	09/02/10	16:18	68.454	09/03/10	17:11	68.4544	09/03/10	19:57	68.4544	09/03/10	19:57	0.0004	0.0
TD1002 17	1003-10	50	14	71.0552	09/02/10	16:18	71.0781	09/03/10	17:11	71.0781	09/03/10	19:57	71.0782	09/03/10	19:57	0	0.1
TD1002 18	1003-05	50	15	72.1715	09/02/10	16:18	72.1945	09/03/10	17:12	72.1945	09/03/10	19:57	72.1945	09/03/10	19:57	0	0.0
TD1002 19	1003-01	50	16	70.5742	09/02/10	16:19	70.599	09/03/10	17:12	70.5989	09/03/10	19:58	70.5989	09/03/10	19:58	-0.0001	0.0
TD1002 20	1003-04	50	17	13.1654	09/02/10	16:19	13.3315	09/03/10	17:12	13.3318	09/03/10	19:58	13.332	09/03/10	19:58	0.0003	0.1
TD1002 21	1003-09	50	18	13.2466	09/02/10	16:19	13.6556	09/03/10	17:12	13.6552	09/03/10	19:59	13.6552	09/03/10	19:59	-0.0004	0.0
TD1002 22	1003-10	50	19	13.0651	09/02/10	16:19	13.1609	09/03/10	17:13	13.1607	09/03/10	20:00	13.1606	09/03/10	20:00	-0.0001	0.1

MDM 09/03/10

Beginning Balance Check				
Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9990	09/02/10	16:12:55	PASSED
100	99.9855	09/02/10	16:14:01	PASSED

Ending Balance Check				
Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0000	09/02/10	16:29:42	PASSED
100	99.9952	09/02/10	16:21:58	PASSED

Beginning Balance Check				
Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09/03/10	17:04:09	PASSED
100	99.9947	09/03/10	17:04:14	PASSED

Ending Balance Check				
Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09/03/10	20:20:28	PASSED
100	99.9953	09/03/10	20:20:33	PASSED

LCS Conc. 1000 mg/L MDL 1 mg/L RL 10 mg/L

Initial Reading by MDM

Final Reading by MDM

COMMENTS

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD1002 | Start Date/Time: 09/02/10 10:14 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/03/10 19:59 | Temp Out(°C): 180

DATA FILE ID		Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD1002	01	TD1002WB	100	71.4098	71.4099	0.1000	ND	
TD1002	02	TD1002WL	20	13.3135	13.3332	19.7000	985	99
TD1002	03	TD1002WC	20	13.0096	13.0286	19.0000	950	95
TD1002	04	H661-09	5	13.0776	13.2078	130.2000	26000	
TD1002	05	I003-02	50	68.2476	68.2778	30.2000	604	
TD1002	06	I003-03	20	13.1892	13.2022	13.0000	650	
TD1002	07	I003-04	50	76.5451	76.575	29.9000	598	
TD1002	08	I003-06	50	71.4109	71.4389	28.0000	560	
TD1002	09	I003-07	50	73.6181	73.6459	27.8000	556	
TD1002	10	I003-07D	50	71.4052	71.433	27.8000	556	
TD1002	11	I003-08	20	13.3676	13.3834	15.8000	790	
TD1002	12	I007-01	50	72.6694	72.6976	28.2000	564	
TD1002	13	I007-02	50	76.3454	76.3715	26.1000	522	
TD1002	14	I007-03	50	69.6748	69.7002	25.4000	508	
TD1002	15	I005-02	50	71.5428	71.5742	31.4000	628	
TD1002	16	I005-03	50	68.4314	68.4544	23.0000	460	
TD1002	17	I005-03D	50	71.0552	71.0782	23.0000	460	
TD1002	18	I005-05	50	72.1716	72.1945	22.9000	458	
TD1002	19	I006-01	50	70.5742	70.5989	24.7000	494	
TD1002	20	H661-08	10	13.1654	13.302	136.6000	13700	
TD1002	21	H661-09	10	13.3968	13.6552	258.4000	25800	
TD1002	22	H661-10	20	13.0951	13.1606	65.5000	3280	
					MJM 9/3/10			

LCS Concentration: 1000 mg/L | MDL(mg/L): 5 | Initial Reading by: MJM

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: MJM

COMMENTS:

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	04046-10	200	200.08	9/2/10 8:55	200.04	9/2/10 8:55	200.08	9/2/10 8:55	199.8	200.2	200g Check Passed
10203192	04046-10	100	100.04	9/2/10 8:55	100.02	9/2/10 8:56	100.03	9/2/10 8:56	99.9	100.1	100g Check Passed
10203192	04046-10	50	50	9/2/10 8:56	50.01	9/2/10 8:56	50.02	9/2/10 8:56	49.95	50.05	50g Check Passed
10203192	04046-10	30	30.02	9/2/10 8:55	30.01	9/2/10 8:56	29.98	9/2/10 8:57	29.97	30.03	30g Check Passed
10203192	04046-10	1	1	9/2/10 8:55	1	9/2/10 8:56	1	9/2/10 8:57	0.999	1.001	1g Check Passed
10304418	04046-10	200	200.08	9/2/10 8:58	200	9/2/10 8:59	200.01	9/2/10 9:00	199.8	200.2	200g Check Passed
10304418	04046-10	100	100.06	9/2/10 8:58	99.96	9/2/10 8:59	99.98	9/2/10 9:00	99.9	100.1	100g Check Passed
10304418	04046-10	50	49.99	9/2/10 8:59	50	9/2/10 8:59	50	9/2/10 9:00	49.95	50.05	50g Check Passed
10304418	04046-10	30	30	9/2/10 8:59	30.01	9/2/10 9:00	30	9/2/10 9:00	29.97	30.03	30g Check Passed
10304418	04046-10	1	1	9/2/10 8:59	1	9/2/10 9:00	1	9/2/10 9:00	0.999	1.001	1g Check Passed
40706360	04046-10	150	149.9937	9/2/10 9:01	149.9937	9/2/10 9:02	149.9937	9/2/10 9:04	149.85	150.15	150g Check Passed
40706360	04046-10	100	99.9955	9/2/10 9:01	99.9956	9/2/10 9:03	99.9955	9/2/10 9:04	99.9	100.1	100g Check Passed
40706360	04046-10	50	49.9981	9/2/10 9:01	49.998	9/2/10 9:03	49.998	9/2/10 9:04	49.95	50.05	50g Check Passed
40706360	04046-10	30	29.9987	9/2/10 9:02	29.9987	9/2/10 9:03	29.9987	9/2/10 9:05	29.97	30.03	30g Check Passed
40706360	04046-10	1	0.9999	9/2/10 9:02	0.9999	9/2/10 9:04	0.9999	9/2/10 9:05	0.999	1.001	1g Check Passed
10601202	04046-10	200	200	9/2/10 9:06	200.001	9/2/10 9:06	200.002	9/2/10 9:08	199.8	200.2	200g Check Passed
10601202	04046-10	100	100.001	9/2/10 9:06	99.998	9/2/10 9:06	100.001	9/2/10 9:08	99.9	100.1	100g Check Passed
10601202	04046-10	50	49.997	9/2/10 9:06	50.002	9/2/10 9:06	50.001	9/2/10 9:08	49.95	50.05	50g Check Passed
10601202	04046-10	30	30.003	9/2/10 9:06	30.003	9/2/10 9:06	30.002	9/2/10 9:08	29.97	30.03	30g Check Passed
10601202	04046-10	1	0.999	9/2/10 9:06	1.001	9/2/10 9:07	1	9/2/10 9:08	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF 9/2/10
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/2/10

Acceptance Limit : ± 0.1%

Bal. Checked by: JF

H1001

LABORATORIES INC

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	04045-10	200	200.06	9/3/10 8:56	200.05	9/3/10 8:57	200.04	9/3/10 8:58	199.8	200.2	200g Check Passed
10203192	04045-10	100	100.03	9/3/10 8:56	99.95	9/3/10 8:57	99.98	9/3/10 8:58	99.9	100.1	100g Check Passed
10203192	04045-10	50	50.01	9/3/10 8:56	50	9/3/10 8:57	50.02	9/3/10 8:58	49.95	50.05	50g Check Passed
10203192	04046-10	30	30	9/3/10 8:56	30	9/3/10 8:57	30.01	9/3/10 8:58	29.97	30.03	30g Check Passed
10203192	04045-10	1	1	9/3/10 8:57	1	9/3/10 8:58	1	9/3/10 8:59	0.999	1.001	1g Check Passed
10304418	04045-10	200	200	9/3/10 8:53	199.99	9/3/10 8:54	200	9/3/10 8:55	199.8	200.2	200g Check Passed
10304418	04045-10	100	99.97	9/3/10 8:53	100	9/3/10 8:54	100	9/3/10 8:55	99.9	100.1	100g Check Passed
10304418	04046-10	50	49.99	9/3/10 8:53	49.99	9/3/10 8:54	50.01	9/3/10 8:55	49.95	50.05	50g Check Passed
10304418	04046-10	30	30	9/3/10 8:54	29.99	9/3/10 8:54	29.99	9/3/10 8:55	29.97	30.03	30g Check Passed
10304418	04046-10	1	1	9/3/10 8:54	1	9/3/10 8:54	1	9/3/10 8:56	0.999	1.001	1g Check Passed
40706360	04046-10	150	149.9939	9/3/10 8:49	149.9938	9/3/10 8:50	149.9937	9/3/10 8:51	149.85	150.15	150g Check Passed
40706360	04046-10	100	99.9958	9/3/10 8:49	99.9959	9/3/10 8:50	99.9958	9/3/10 8:51	99.9	100.1	100g Check Passed
40706360	04046-10	50	49.9983	9/3/10 8:49	49.9983	9/3/10 8:50	49.9982	9/3/10 8:52	49.95	50.05	50g Check Passed
40706360	04046-10	30	29.9988	9/3/10 8:49	29.9988	9/3/10 8:51	29.9989	9/3/10 8:52	29.97	30.03	30g Check Passed
40706360	04046-10	1	0.9998	9/3/10 8:50	1	9/3/10 8:51	1	9/3/10 8:52	0.999	1.001	1g Check Passed
10601202	04046-10	200	199.997	9/3/10 8:45	199.999	9/3/10 8:47	200.002	9/3/10 8:48	199.8	200.2	200g Check Passed
10601202	04046-10	100	99.997	9/3/10 8:45	100.006	9/3/10 8:47	99.999	9/3/10 8:48	99.9	100.1	100g Check Passed
10601202	04046-10	50	50.002	9/3/10 8:45	49.997	9/3/10 8:47	50	9/3/10 8:48	49.95	50.05	50g Check Passed
10601202	04046-10	30	30.001	9/3/10 8:45	30.004	9/3/10 8:47	30.001	9/3/10 8:48	29.97	30.03	30g Check Passed
10601202	04046-10	1	1.001	9/3/10 8:46	1.001	9/3/10 8:47	0.999	9/3/10 8:48	0.999	1.001	1g Check Passed
Nothing to laws		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF 9/3/10
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MB

Date: 9/9/10

Acceptance Limit :± 0.1%

Bal. Checked by: JF

0102

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 100661

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of two (2) water samples were received on 05/31/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 104661

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HSIC01WB	ND	1	NA	1.00	0.400	09/07/1017:48	NA	HS10C101	NA	HIS001W	NA	NA
MW-70-PMW07A-A10	M661-09	ND	1	NA	1.00	0.400	09/07/1018:08	NA	HS10C104	NA	HIS001W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	M661-10	1.33	1	NA	1.00	0.400	09/07/1018:12	NA	HS100105	NA	HIS001W	08/31/1013:30	08/31/10

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HSI 001

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☑ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWI-01-167	6.79
Spike	NA	
$Na_2S_2O_3$ Standard	SWRI-01-243	0.025N
Iodine	SWRI-01-234B	0.025N
HCl	SWRI-05-174	1:1
Indicator	SWRI-01-247	–

Analyzed By: MDM

Date: 9/7/10

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HS1001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titant V_t (ml)	Analysis Date mm/dd/yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HS10011	HS1001WB	100	5	4.81	09/07/10	17:48:16	0.76	0.76	0000	mg/L
HS10012	HS1001WL	100	5	3.55	09/07/10	17:59:08	5.8	5.8		mg/L
HS10013	HS1001WC	100	5	3.6	09/07/10	18:03:49	5.6	5.6		mg/L
HS10014	H661-09	100	5	4.75	09/07/10	18:08:30	1	1	9999	mg/L
HS10015	H661-10	100	5	3.64	09/07/10	18:12:20	5.44	5.44		mg/L
HS10016	H019-01	100	5	4.58	09/07/10	18:16:50	1.68	1.68	1.683	mg/L
HS10017	H019-03	100	5	4.8	09/07/10	18:31:21	0.8	0.8	0000	mg/L
HS10018	H019-04	100	5	4.8	09/07/10	18:36:03	0.8	0.8	0000	mg/L
HS10019	H043-02	100	5	4.91	09/07/10	18:42:31	0.36	ND		mg/L
HS10110	H043-03	100	5	4.81	09/07/10	18:47:59	0.76	0.76	0000	mg/L
HS10111	H043-04	100	5	4.78	09/07/10	18:52:41	0.88	0.88	9999	mg/L
HS10112	H043-05	100	5	4.76	09/07/10	18:57:02	0.96	0.96	0000	mg/L
HS10113	H066-04	100	5	4.79	09/07/10	19:04:25	0.84	0.84	9999	mg/L
HS10114	H066-05	100	5	4.76	09/07/10	19:07:49	0.96	0.96	0000	mg/L
HS10115	H066-06	100	5	4.75	09/07/10	19:11:31	1	1	9999	mg/L
HS10116	H075-01	100	5	4.82	09/07/10	19:15:04	0.72	0.72	9999	mg/L
HS10117	H075-02	100	5	4.8	09/07/10	19:20:51	0.8	0.8	0000	mg/L
HS10118	H075-020	100	5	4.8	09/07/10	19:25:40	0.8	0.8	0000	mg/L

STANDARDIZATION

V_1 (ml)	Titrant (ml)	DATE	TIME	Titrant $Na_2S_2O_3$ (N)
Average Normality of Iodine (N I)=				0.025

☑ Standard Purchased as Certified Solution

$$N_I = \frac{(N \cdot V)_{Na_2S_2O_3}}{V_I}$$

MISCELLANEOUS INFORMATION

Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER / SOIL]	6.79	444	mg/L / mg/Kg
MDL [WATER / SOIL]	0.4	10	mg/L / mg/Kg
RL	2	20	mg/L / mg/Kg

$$S(mg/L) = \frac{[(V_I * N_I) - (V_t * N_t)](16,000)}{V_s}$$

MS/MSD	TV=	6.79	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: MJW

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-H

Analytical Batch: HS1001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10011	HS1001WB	0.76	mg/L	9/7/10 17:48	25			ND #VALUE!	mg/L	
HS10012	HS1001WL	5.8	mg/L	9/7/10 17:59	25			#VALUE!	mg/L	
HS10013	HS1001WC	5.6	mg/L	9/7/10 18:03	25			#VALUE!	mg/L	
HS10014	H661-09	1	mg/L	9/7/10 18:08	25	6.99	34900	0.42	mg/L	
HS10015	H661-10	5.44	mg/L	9/7/10 18:12	25	7.37	5140	1.33	mg/L	
HS10016	1019-02	1.68	mg/L	9/7/10 18:16	25	7.14	23600	0.57	mg/L	
HS10017	1019-03	0.8	mg/L	9/7/10 18:31	25	7.19	7510	0.26	mg/L	
HS10018	1019-04	0.8	mg/L	9/7/10 18:36	25	7.18	7000	0.26	mg/L	
HS10019	1043-02	ND	mg/L	9/7/10 18:42	25	6.68	1860	ND	mg/L	
HS100110	1043-03	0.76	mg/L	9/7/10 18:47	25	7.73	1590	0.1	mg/L	
HS100111	1043-04	0.88	mg/L	9/7/10 18:52	25	7.76	1500	0.11	mg/L	
HS100112	1043-05	0.96	mg/L	9/7/10 18:57	25	7.74	1660	0.12	mg/L	
HS100113	1066-04	0.84	mg/L	9/7/10 19:04	25	7.69	2350	0.12	mg/L	
HS100114	1066-05	0.96	mg/L	9/7/10 19:07	25	7.85	1700	0.1	mg/L	
HS100115	1066-06	1	mg/L	9/7/10 19:11	25	7.96	2330	0.11	mg/L	
HS100116	1075-01	0.72	mg/L	9/7/10 19:16	25	7.51	1310	0.15	mg/L	
HS100117	1075-02	0.8	mg/L	9/7/10 19:20	25	7.91	1070	0.07	mg/L	
HS100118	1075-02D	0.8	mg/L	9/7/10 19:25	25	7.92	1090	0.07	mg/L	

MJW 9/7/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1 - 2pf_m}$$

$$H_2S = \left(\frac{S_T}{1 + \frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH + pf_m}$$

Analyzed by: MJW

Reviewed by: MJW

Date 9/7/10

Where: T(°K)= T(°C)+273.15 pK1=dissociation constant for zero ionic strength A= Debye-Huckel Parameter I= Ionic Strength pfm= negative logarithm of the monovalent ion activity coefficient K'1=conditional ionization constant H+=Hydrogen ion concentration St=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10H661

METHOD SM5310B
TOC

A total of nine (9) water samples were received on 08/31/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCI002WL/C were all within QC limits.
Percent recoveries for TCI003WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for H661-05M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

Samples 10H661-01 and 10H661-02 were diluted prior to analysis due to their turbidity.

METHOD SM5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : TCW661

Matrix : WATER
Instrument ID : T62

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKTW	TC1003WB	ND	1	NA	1.00	0.500	09/10/1017:21	NA	TC1002-05	TC1002-02	TC1003W	NA	NA
LCS1W	TC1003WL	24.8	1	NA	1.00	0.500	09/10/1017:34	NA	TC1002-06	TC1002-02	TC1003W	NA	NA
LCD1W	TC1003WC	24.7	1	NA	1.00	0.500	09/10/1017:47	NA	TC1002-07	TC1002-02	TC1003W	NA	NA
IW-70-SAB11-P13	H661-01T	177	10	NA	10.0	5.00	09/10/1018:35	NA	TC1002-11	TC1002-02	TC1003W	08/30/1012:05	08/31/10
IW-70-SAB11-P13-D	H661-02T	194	10	NA	10.0	5.00	09/10/1018:47	NA	TC1002-12	TC1002-02	TC1003W	08/30/1012:10	08/31/10
IW-70-SHE310-A10	H661-08T	2080	40	NA	40.0	20.0	09/10/1018:59	NA	TC1002-13	TC1002-02	TC1003W	08/31/1009:30	08/31/10
LCS2W	TC1002W.	24.5	1	NA	1.00	0.500	09/04/1001:29	NA	TC1001-35	TC1001-26	TC1002W	NA	NA
LCD2W	TC1002WC	24.6	1	NA	1.00	0.500	09/04/1001:42	NA	TC1001-36	TC1001-26	TC1002W	NA	NA
MBLK2W	TC1002WB	ND	1	NA	1.00	0.500	09/04/1001:54	NA	TC1001-37	TC1001-26	TC1002W	NA	NA
IW-70-SAB03-P13	H661-03	17.4	1	NA	1.00	0.500	09/04/1004:19	NA	TC1001-49	TC1001-38	TC1002W	08/30/1013:45	08/31/10
IW-70-SSB119-P13	H661-04	15.2	1	NA	1.00	0.500	09/04/1004:55	NA	TC1001-52	TC1001-50	TC1002W	08/30/1014:55	08/31/10
IW-70-SHB319-P13	H661-05	18.0	1	NA	1.00	0.500	09/04/1005:07	NA	TC1001-53	TC1001-50	TC1002W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MS	H661-05M	43.5	1	NA	1.00	0.500	09/04/1005:20	NA	TC1001-54	TC1001-50	TC1002W	08/31/1008:20	08/31/10
IW-70-SHB319-P13MSD	H661-05S	43.4	1	NA	1.00	0.500	09/04/1005:33	NA	TC1001-55	TC1001-50	TC1002W	08/31/1008:20	08/31/10
IW-70-SHB311-P13	H661-06	32.4	1	NA	1.00	0.500	09/04/1005:46	NA	TC1001-56	TC1001-50	TC1002W	08/31/1010:00	08/31/10
MW-70-PMW07A-A10	H661-09	9.31	1	NA	1.00	0.500	09/04/1006:21	NA	TC1001-58	TC1001-50	TC1002W	08/31/1012:50	08/31/10
MW-70-PMW07B-A10	H661-10	1.70	1	NA	1.00	0.500	09/04/1006:33	NA	TC1001-59	TC1001-50	TC1002W	08/31/1013:30	08/31/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10H661
METHOD: METHOD SW5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	NBLK2W				
LAB SAMP ID:	TC1002WB	TC1002WL	TC1002WC		
LAB FILE ID:	TC1001-37	TC1001-35	TC1001-36		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/04/1001:54	09/04/1001:29	09/04/1001:42	DATE RECEIVED:	NA
PREP. BATCH:	TC1002W	TC1002W	TC1002W		
CALIB. REF:	TC1001-26	TC1001-26	TC1001-26		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	<5	25.0	24.5	98	25.0	24.6	98	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10K661
METHOD: METHOD SW9310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKTW
LAB SAMP ID: TC1003WB TC1003WL TC1003WC
LAB FILE ID: TC1002-05 TC1002-06 TC1002-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1017:21 09/10/1017:34 09/10/1017:47 DATE RECEIVED: NA
PREP. BATCH: TC1003W TC1003W TC1003W
CALIB. REF: TC1002-02 TC1002-02 TC1002-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.7	99	0	85-115	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10N661
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: EW-70-SH3319-P13
LAB SAMP ID: H661-05 H661-05M H661-05S
LAB FILE ID: TC1001-53 TC1001-54 TC1001-55
DATE EXTRACTED: NA NA NA DATE COLLECTED: 08/31/10 38:20
DATE ANALYZED: 09/04/1005:07 09/34/1005:20 09/04/1005:33 DATE RECEIVED: 08/31/10
PREP. BATCH: TC1002W TC1002W TC1002W
CALIB. REF: TC1001-50 TC1C01-50 TC1C01-50

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	18.0	25.0	43.5	102	25.0	43.4	102	0	75-125	20

ANALYSIS RUN LOG
for
TOC

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/10/10 15:38

end (date & time) 9/10/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W/TCI004W

TCI003W/TCI004W

10H549-08

10H337-08

10J019-01

10H661-01,02,08

10J053-01,03

10J043-01→05

10J032-01

10J066-01→06

10J062-01,02

10J029-01→08

10J075-01,02

10J091-01→04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	0A-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	0A-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	0A-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	0A-123456	C:\Pro	1.000	NPOC:24.62 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	0A-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	0A-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	0A-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	0A-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	0A-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	0A-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	0A-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	0A-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	0A-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	0A-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	0A-123456	C:\Pro	1.000	NPOC:~~2.344 mg/L~~	1.55 mg/L
18	Unknown	NPOC	10I053-01M	TCI002-18	0A-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	0A-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	0A-123456	C:\Pro	1.000	NPOC:1.389 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	0A-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	0A-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	0A-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	0A-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	0A-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	0A-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	0A-123456	C:\Pro	1.000	NPOC:0.05246 mg/L	
28	Unknown	NPOC	10I032-01	TCI002-28	0A-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	0A-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	0A-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	0A-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	0A-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	0A-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	0A-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	0A-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	0A-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	0A-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	0A-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	0A-123456	C:\Pro	1.000	NPOC:0.09060 mg/L	
40	Unknown	NPOC	10I062-01	TCI002-40	0A-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	0A-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	0A-123456	C:\Pro	1.000	NPOC:~~0.7145 mg/L~~	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	0A-123456	C:\Pro	1.000	NPOC:~~0.5054 mg/L~~	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	0A-123456	C:\Pro	1.000	NPOC:~~0.6424 mg/L~~	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	0A-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	0A-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	0A-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	0A-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	0A-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	0A-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	0A-123456	C:\Pro	1.000	NPOC:0.08001 mg/L	
52	Unknown	NPOC	10I075-01	TCI002-52	0A-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	0A-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	0A-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	0A-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	0A-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	0A-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	0A-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	0A-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	0A-123456	C:\Pro	1.000	NPOC:0.07807 mg/L	
63									
64									
65									
66									
67									

FINAL

9/13/10

09/13/10 09:26:36 AM

Instr.Information

System: Tec
Detector: Combustion
Catalyst: Regular Sensitivity
Cell Length: long

Cal. Curve

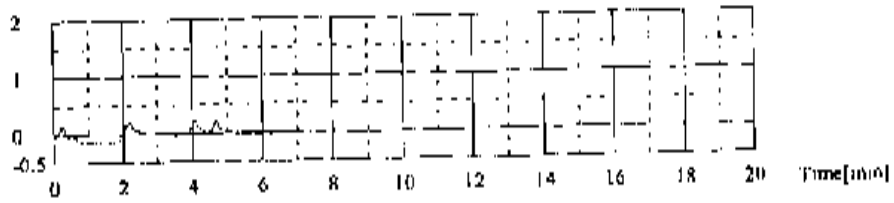
Sample Name: ICAL
Sample ID: TCI002.01
Cal. Curve: TCI002.2010 09_10_15_30_25.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/10/10 03:38:37 PM
2	0.000	50uL	1	------		09/10/10 03:40:45 PM
3	0.2240	50uL	1	------		09/10/10 03:41:50 PM
4	0.000	50uL	1	------		09/10/10 03:43:36 PM

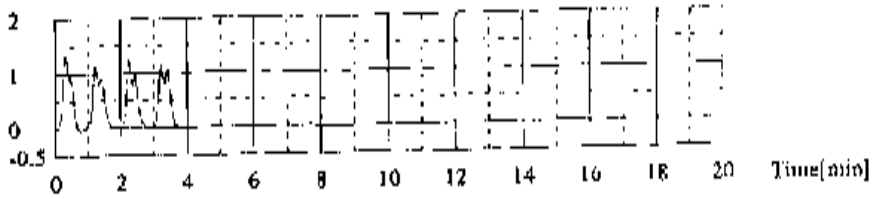
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 0.05600



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	2.353	50uL	10	------		09/10/10 03:51:42 PM
2	2.308	50uL	10	------		09/10/10 03:52:57 PM
3	2.326	50uL	10	------		09/10/10 03:54:06 PM
4	2.370	50uL	10	------		09/10/10 03:55:17 PM

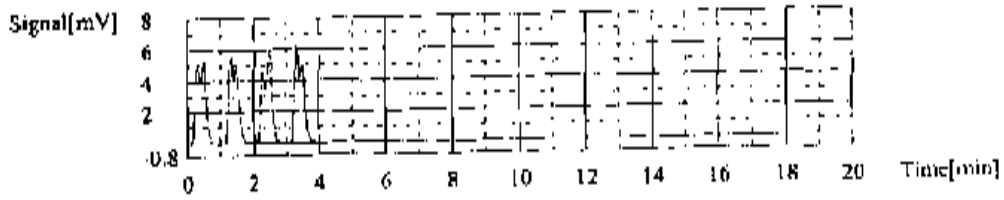
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 2.349



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.82	50uL	2	------		09/10/10 04:01:31 PM
2	10.85	50uL	2	------		09/10/10 04:02:45 PM
3	11.04	50uL	2	------		09/10/10 04:03:58 PM
4	10.90	50uL	2	------		09/10/10 04:05:07 PM

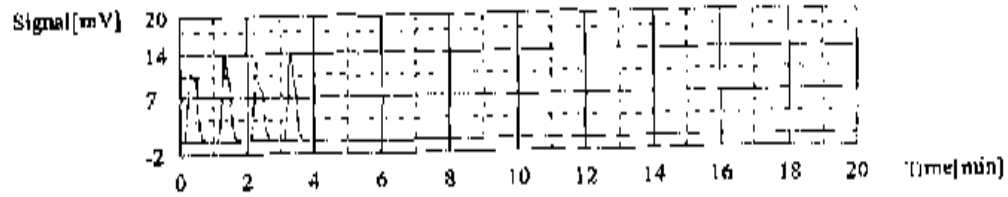
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 20.85



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.08	50uL	1			09/10/10 04:10:41 PM
2	21.57	50uL	1			09/10/10 04:11:50 PM
3	21.52	50uL	1			09/10/10 04:13:03 PM
4	21.45	50uL	1			09/10/10 04:14:11 PM

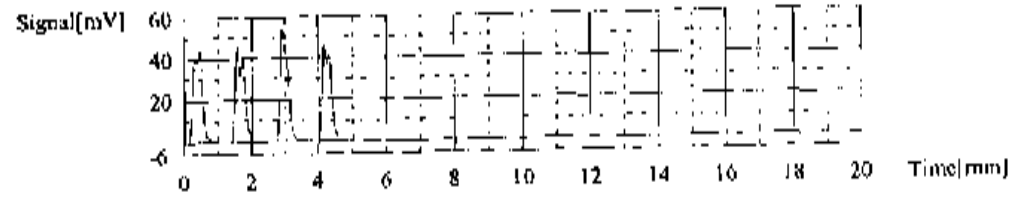
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 21.36



Conc: 40.00mg/L

No	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	84.93	50uL	2			09/10/10 04:22:30 PM
2	84.83	50uL	2			09/10/10 04:24:11 PM
3	85.63	50uL	2			09/10/10 04:25:38 PM
4	85.03	50uL	2			09/10/10 04:27:07 PM

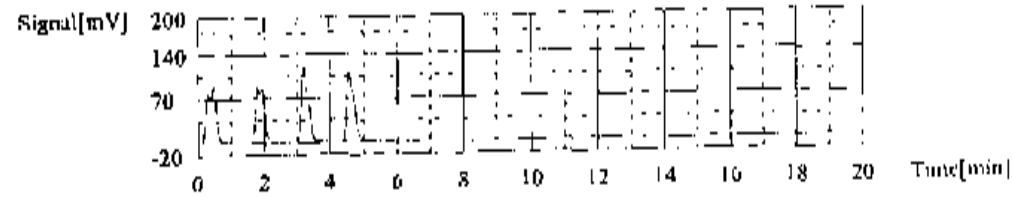
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06



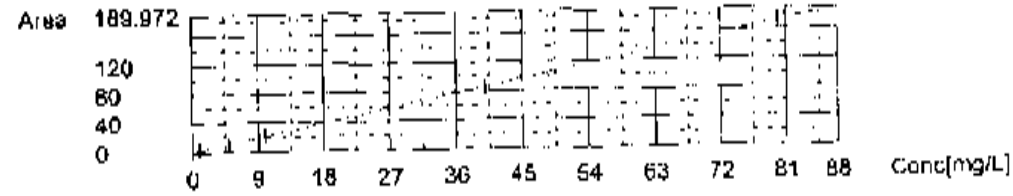
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	172.2	50uL	1			09/10/10 04:33:09 PM
2	173.1	50uL	1			09/10/10 04:34:46 PM
3	174.2	50uL	1			09/10/10 04:36:20 PM
4	173.1	50uL	1			09/10/10 04:37:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope 2.159
Intercept 0.000
r^2 0.999920



6116

Control Sample

Sample Name: ICV
Sample ID: TCI002-02
Method: TCI002.tpl
Chk. Result: Control value: 24.82 / Control exceeds range!

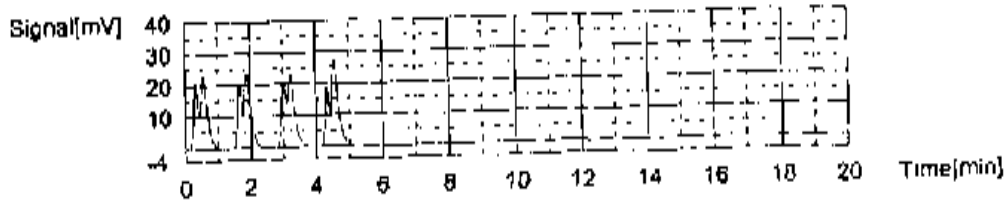
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.82 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.63	24.9[illegible]mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:34 PM
3	53.87	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area 53.58
Mean Conc 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002-03
Origin: TCI002.cal
Chk. Result

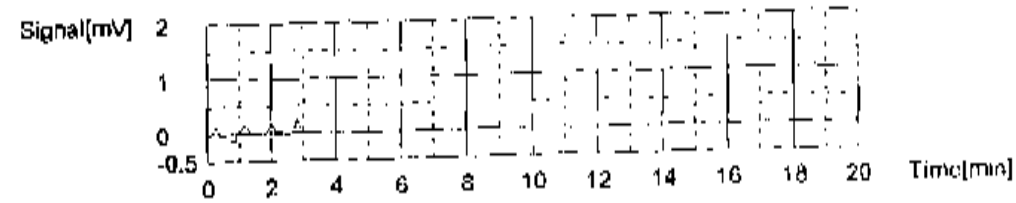
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1316 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2505	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1211mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:32 PM
3	0.2993	0.1201mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1640mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:06 PM

Mean Area 0.2840
Mean Conc. 0.1316mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/3/10 17:51
end (date & time) 9/4/10 07:10

TCI001W/TCI002W:
10H459-01
10H634-04
10H634-01
10H633-03,04,05
10I005-02,03,05
10I019-01→04
10I009-01→04,06
10I018-01
10I003-06→07
10I018-01
10H997-01
10H661-01→05,06,08,09,10

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI001
Method File:	TCI001
Analytical Batch:	TCI001W TCI002W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-322	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ TOC	9/7/10
☐	

Analyzed By: Ann

Date: 9/7/10

	Type	Analysis	Sample Name	Sample ID	Object ID	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICA	TCI001-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI001-02	0A-123456	C:\Pro	1.000	NPOC:24.78 mg/L	
3	Unknown	NPOC	ICB	TCI001-03	0A-123456	C:\Pro	1.000	NPOC:0.1142 mg/L	
4	Unknown	NPOC	HCO3\C03	TCI001-04	0A-123456	C:\Pro	1.000	NPOC:0.1740 mg/L	
5	Unknown	NPOC	TCI001WB	TCI001-05	0A-123456	C:\Pro	1.000	NPOC:0.06174 mg/L	
6	Unknown	NPOC	TCI001WL	TCI001-06	0A-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
7	Unknown	NPOC	TCI001WC	TCI001-07	0A-123456	C:\Pro	1.000	NPOC:24.80 mg/L	
8	Unknown	NPOC	10H944-01	TCI001-08	0A-123456	C:\Pro	1.000	NPOC:7.085 mg/L	PH<2
9	Unknown	NPOC	10H624-04T	TCI001-09	0A-123456	C:\Pro	20.00	NPOC:413.0 mg/L	DF=20
10	Unknown	NPOC	10H634-01	TCI001-10	0A-123456	C:\Pro	1.000	NPOC:2.090 mg/L	PH<2
11	Unknown	NPOC	10H633-02	TCI001-11	0A-123456	C:\Pro	1.000	NPOC:1.999 mg/L	PH<2
12	Unknown	NPOC	10H633-04	TCI001-12	0A-123456	C:\Pro	1.000	NPOC:2.145 mg/L	PH<2
13	Unknown	NPOC	10H633-05	TCI001-13	0A-123456	C:\Pro	1.000	NPOC:2.226 mg/L	PH<2
14	Control	NPOC	CCV1	TCI001-14	0A-123456	C:\Pro	1.000	NPOC:24.92 mg/L	
15	Unknown	NPOC	CCB1	TCI001-15	0A-123456	C:\Pro	1.000	NPOC:0.1212 mg/L	
16	Unknown	NPOC	10I005-02	TCI001-16	0A-123456	C:\Pro	1.000	NPOC:1.027 mg/L	PH<2
17	Unknown	NPOC	10I005-03	TCI001-17	0A-123456	C:\Pro	1.000	NPOC:0.8532 mg/L	PH<2
18	Unknown	NPOC	10I005-03D	TCI001-18	0A-123456	C:\Pro	1.000	NPOC:0.8882 mg/L	
19	Unknown	NPOC	10I005-03M	TCI001-19	0A-123456	C:\Pro	1.000	NPOC:26.05 mg/L	
20	Unknown	NPOC	10I005-03S	TCI001-20	0A-123456	C:\Pro	1.000	NPOC:26.12 mg/L	
21	Unknown	NPOC	10I005-05	TCI001-21	0A-123456	C:\Pro	1.000	NPOC:0.9896 mg/L	PH<2
22	Unknown	NPOC	10I019-01	TCI001-22	0A-123456	C:\Pro	5.000	NPOC:492.0 mg/L	DF=5 PH<2
23	Unknown	NPOC	10I019-02	TCI001-23	0A-123456	C:\Pro	1.000	NPOC:1.851 mg/L	PH<2
24	Unknown	NPOC	10I019-03	TCI001-24	0A-123456	C:\Pro	1.000	NPOC:2.942 mg/L	PH<2
25	Unknown	NPOC	10I019-04	TCI001-25	0A-123456	C:\Pro	1.000	NPOC:3.107 mg/L	PH<2
26	Control	NPOC	CCV2	TCI001-26	0A-123456	C:\Pro	1.000	NPOC:25.37 mg/L	
27	Unknown	NPOC	CCB2	TCI001-27	0A-123456	C:\Pro	1.000	NPOC:0.2845 mg/L	
28	Unknown	NPOC	10I009-01	TCI001-28	0A-123456	C:\Pro	1.000	NPOC:2.220 mg/L	PH<2
29	Unknown	NPOC	10I009-02	TCI001-29	0A-123456	C:\Pro	1.000	NPOC:0.7712 mg/L	PH<2
30	Unknown	NPOC	10I009-03	TCI001-30	0A-123456	C:\Pro	1.000	NPOC:0.8222 mg/L	PH<2
31	Unknown	NPOC	10I009-04	TCI001-31	0A-123456	C:\Pro	1.000	NPOC:2.872 mg/L	PH<2
32	Unknown	NPOC	10I009-06	TCI001-32	0A-123456	C:\Pro	1.000	NPOC:6.106 mg/L	PH<2
33	Unknown	NPOC	10I006-01	TCI001-33	0A-123456	C:\Pro	1.000	NPOC:2.139 mg/L	PH<2
34	Unknown	NPOC	10I018-01	TCI001-34	0A-123456	C:\Pro	1.000	NPOC:4.610 mg/L	PH<2
35	Unknown	NPOC	TCI002WL	TCI001-35	0A-123456	C:\Pro	1.000	NPOC:24.54 mg/L	
36	Unknown	NPOC	TCI002WC	TCI001-36	0A-123456	C:\Pro	1.000	NPOC:24.56 mg/L	
37	Unknown	NPOC	TCI002WB	TCI001-37	0A-123456	C:\Pro	1.000	NPOC:0.1171 mg/L	
38	Control	NPOC	CCV3	TCI001-38	0A-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
39	Unknown	NPOC	CCB3	TCI001-39	0A-123456	C:\Pro	1.000	NPOC:0.1173 mg/L	
40	Unknown	NPOC	10I003-06	TCI001-40	0A-123456	C:\Pro	1.000	NPOC:1.523 mg/L	PH<2
41	Unknown	NPOC	10I003-07	TCI001-41	0A-123456	C:\Pro	1.000	NPOC:0.9515 mg/L	PH<2
42	Unknown	NPOC	10I003-07D	TCI001-42	0A-123456	C:\Pro	1.000	NPOC:0.9763 mg/L	
43	Unknown	NPOC	10I003-07M	TCI001-43	0A-123456	C:\Pro	1.000	NPOC:26.10 mg/L	
44	Unknown	NPOC	10I003-07S	TCI001-44	0A-123456	C:\Pro	1.000	NPOC:26.18 mg/L	
45	Unknown	NPOC	10I003-08	TCI001-45	0A-123456	C:\Pro	1.000	NPOC:3.436 mg/L	PH<2
46	Unknown	NPOC	10H997-01	TCI001-46	0A-123456	C:\Pro	20.00	NPOC:425.4 mg/L	DF=20 PH<2
47	Unknown	NPOC	10H661-01	TCI001-47	0A-123456	C:\Pro	2.000	NPOC:210.5 mg/L	DF=2 PH<2
48	Unknown	NPOC	10H661-02	TCI001-48	0A-123456	C:\Pro	2.000	NPOC:216.8 mg/L	DF=2 PH<2
49	Unknown	NPOC	10H661-03	TCI001-49	0A-123456	C:\Pro	1.000	NPOC:17.44 mg/L	PH<2
50	Control	NPOC	CCV4	TCI001-50	0A-123456	C:\Pro	1.000	NPOC:24.93 mg/L	
51	Unknown	NPOC	CCB4	TCI001-51	0A-123456	C:\Pro	1.000	NPOC:0.1683 mg/L	
52	Unknown	NPOC	10H661-04	TCI001-52	0A-123456	C:\Pro	1.000	NPOC:15.21 mg/L	PH<2
53	Unknown	NPOC	10H661-05	TCI001-53	0A-123456	C:\Pro	1.000	NPOC:17.97 mg/L	PH<2
54	Unknown	NPOC	10H661-05M	TCI001-54	0A-123456	C:\Pro	1.000	NPOC:43.57 mg/L	
55	Unknown	NPOC	10H661-05S	TCI001-55	0A-123456	C:\Pro	1.000	NPOC:43.37 mg/L	
56	Unknown	NPOC	10H661-06	TCI001-56	0A-123456	C:\Pro	1.000	NPOC:32.43 mg/L	PH<2
57	Unknown	NPOC	10H661-08	TCI001-57	0A-123456	C:\Pro	1.000	NPOC:1400 mg/L	PH<2
58	Unknown	NPOC	10H661-09	TCI001-58	0A-123456	C:\Pro	1.000	NPOC:9.308 mg/L	PH<2
59	Unknown	NPOC	10H661-10	TCI001-59	0A-123456	C:\Pro	1.000	NPOC:1.699 mg/L	PH<2
60	Control	NPOC	CCV5	TCI001-60	0A-123456	C:\Pro	1.000	NPOC:25.34 mg/L	
61	Unknown	NPOC	CCB5	TCI001-61	0A-123456	C:\Pro	1.000	NPOC:0.4400 mg/L	
62									
63									
64									
65									FINAL
66									
67									

Instrument

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

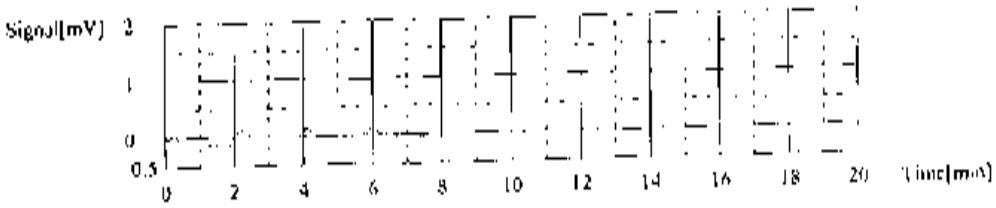
Sample Name	ICAL
Sample ID	TCI001 01
Cal. Curve	TCI001.2010 09 03 17_42_49.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem	Ex.	Date / Time
1	0.000	50uL	1			09/03/10 05:51:49 PM
2	0.000	50uL	1			09/03/10 05:53:44 PM
3	0.000	50uL	1			09/03/10 05:55:49 PM
4	0.000	50uL	1			09/03/10 05:57:54 PM

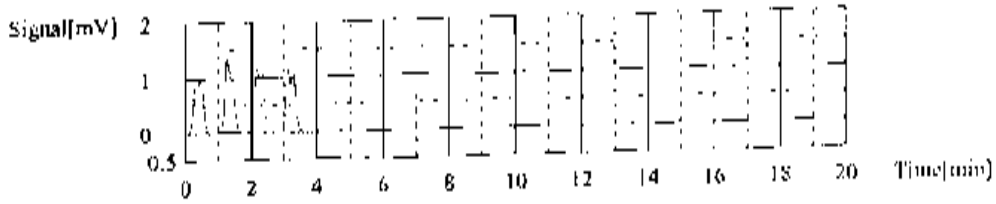
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.000



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	2.103	50uL	10			09/03/10 06:06:03 PM
2	2.194	50uL	10			09/03/10 06:07:08 PM
3	2.257	50uL	10			09/03/10 06:08:16 PM
4	2.271	50uL	10			09/03/10 06:09:22 PM

Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	2.206



Conc. 5.000mg/L

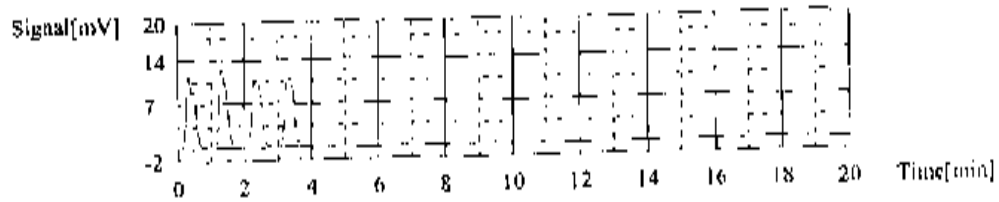
No.	Area	Inj. Vol.	Aut. Dil	Rem	Ex.	Date / Time
1	10.44	50uL	2			09/03/10 06:15:39 PM
2	10.69	50uL	2			09/03/10 06:16:42 PM
3	10.68	50uL	2			09/03/10 06:17:51 PM
4	10.72	50uL	2			09/03/10 06:18:59 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.63

Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	20.83	50uL	1			09/03/10 06:24:32 PM
2	20.96	50uL	1			09/03/10 06:25:41 PM
3	21.12	50uL	1			09/03/10 06:26:52 PM
4	21.02	50uL	1			09/03/10 06:28:03 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 20.98



Conc: 40.00mg/L

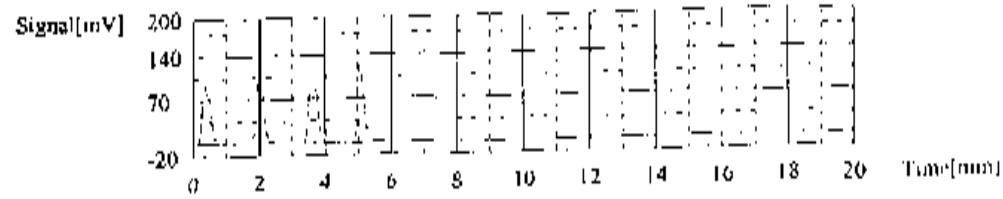
No.	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	83.69	50uL	2			09/03/10 06:36:32 PM
2	84.64	50uL	2			09/03/10 06:38:02 PM
3	84.38	50uL	2			09/03/10 06:39:36 PM
4	84.00	50uL	2			09/03/10 06:41:07 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 84.38

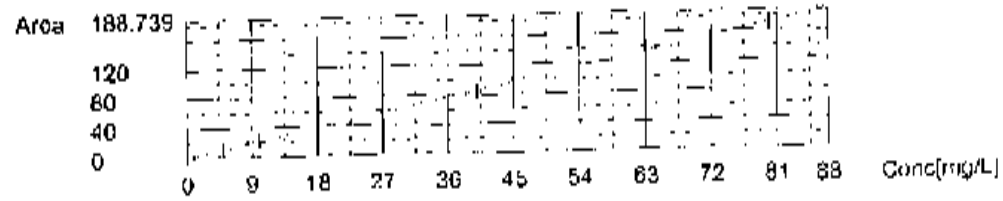
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	171.9	50uL	1			09/03/10 06:47:19 PM
2	171.2	50uL	1			09/03/10 06:49:06 PM
3	173.0	50uL	1			09/03/10 06:50:46 PM
4	171.5	50uL	1			09/03/10 06:52:24 PM

Acid Add. 2.500%
Sp. Time 90.00sec.
Mean Area 171.9



Slope. 2.145
Intercept 0.000
r^2 0.999918



Control Sample

Sample Name: ICV
Sample ID: TCI001-02
Method: TCI001.ipl
Chk. Result Control value: 24.78 / Control exceeds range!

Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.78 mg/L

1 Det

Anal.: NPOC

No.	Area	Conc	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	52.51	24.48mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:00:31 PM
2	53.21	24.82mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:02:06 PM
3	53.23	24.82mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:03:44 PM
4	53.64	25.01mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:05:21 PM

Mean Area 53.15
Mean Conc 24.78mg/L

Sample

Sample Name: ICB
Sample ID: TCI001-03
Origin: TCI001.cal
Chk. Result

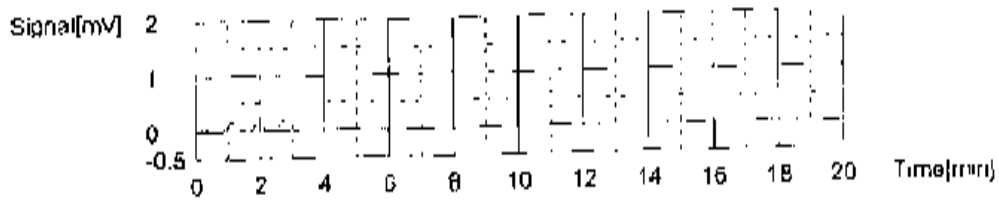
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1142 mg/L

1 Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2141	0.09982mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:12:49 PM
2	0.2570	0.1198mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:13:38 PM
3	0.2281	0.1064mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:14:27 PM
4	0.2803	0.1310mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:15:38 PM

Mean Area 0.2450
Mean Conc. 0.1142mg/L



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PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I018**

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GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	METHOD SM5310B METHOD 300.0 (M)	8000 – 8008 8009 – 8040
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel. (310) 618-8889
Fax: (310) 618-0818

Date: 09 22-2010
EMAX Batch No.: 101018

Attn: Nick Weinberger

Insight EEC, Inc.
5010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/01/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-FSB229-P13	1018-01	09/01/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

for

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS_0807

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.: 10 I 018
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: NWS SOAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.679.6700 FAX: 714.679.6711 EMAIL: NWEINBERGER@GEOI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 S. MIRALOMA AVE, ANAHEIM, CA 92806
EMAX PM: Ye Hunt

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	X = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes FP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS. CATIONS (RSK 175); ANIONS/TDS/ALKALINITY/NO2 NO3 25SEC 2320B 300.0; TOC (5310B); DISS. HYDROCARBONS (4500 F); DISS. METALS (6010B); VFA (300.0M)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HCNP	NP	HCNP	HN	NP	COMMENTS
1	IW-70-FSB229-P13	IR 70	9/01/10	1010	8	[illegible]	[illegible]	GW	III	X	X	X	X		X	EFFLUENT WELL
2																
3																
4																
5																
6																
7																
8																
9																
10																

Instructions

Cooler #	Temp. (°C)
1	2.5

Sample #s

SAMPLER: CHASE BRADDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	09/01/10	1400	Keith Stout
Keith Stout	9/1/10	1428	[signature]

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and accepted after 1400 hrs. TAT shall start at 0800 hrs the next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 5 days [15 calendar days]) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed otherwise by applicable statewide

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	RCN 10 I018
☑ EMAX Courier	SGE Core	Recipient I. Patel
☐ Client Delivery		Date 9-1-10
☐ Third Party		Time 1427

COC Inspection

☑ Client Name ☑ Client PM/PC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ Tel # / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ TAT

Safety Issues ☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required

Comments

Packaging Inspection

Container ☑ Cooler ☐ Box ☐ Other

Condition ☐ Custody Seal ☑ Intact ☐ Damaged

Packaging ☑ Bubble Pack ☐ Styrofoam ☐ Popcorn ☑ Sufficient ☑ Plastic Bag

Temperatures (Cool, >0°C but not frozen) ☑ Cooler 1 2.5 °C ☐ Cooler 2 ___ °C ☐ Cooler 3 ___ °C ☐ Cooler 4 ___ °C ☐ Cooler 5 ___ °C
☐ Cooler 6 ___ °C ☐ Cooler 7 ___ °C ☐ Cooler 8 ___ °C ☐ Cooler 9 ___ °C ☐ Cooler 10 ___ °C

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling [signature] Date 9-1-10 LX

SRF [signature] Date 9/1/10

PM LP for Ye Date 9/2/10

LEGEND

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-a-vis label	D3	Date and/or time is inconsistent in COC vis-a-vis label	R3	Refer to attached instruction
A4	___	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	___
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	___
B3	Sample ID is inconsistent in COC vis-a-vis label	F2	Bubble is > 6mm		
B4	___	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1	___		
C4	___	H2	___		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I018

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I018

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

One (1) water sample was received on 09/01/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for VO05I11L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in sample I018-01 because of improper integration. Hence, the original chromatogram was retained with the initialed and dated corrected chromatogram. Manual integration was concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101018
Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V0051118	1	NA	09/07/1023:02	09/07/1023:02	R10225	RHD642	V0051'	Method Blank
LCS1W	V0051111	1	NA	09/07/'02':32	09/07/1021:32	R10222	RHD642	V0051 11	Lab Control Sample (LCS)
LCD1W	V0051110	1	NA	09/07/1022:02	09/07/1022:02	R10223	RHD642	V0051 11	LCS Duplicate
IW-70-FSa229-913	1018-01	1	NA	09/08/1000:32	09/08/1000:32	R10228	RHD642	V0051 11	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101018	Date Extracted:	09/08/10 00:32
Sample ID:	IW-70-FS8229-P13	Date Analyzed:	09/08/10 00:32
Lab Samp ID:	I018-01	Dilution Factor:	1
Lab File ID:	R10228	Matrix	: WATER
Ext Btch ID:	V005I11	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.46J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.8	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.23J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	0.28J	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	104	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 1010T8	Date Extracted:	09/07/10 23:02
Sample ID:	MBLK1W	Date Analyzed:	09/07/10 23:02
Lab Samp ID:	V0051118	Dilution Factor:	1
Lab File ID:	R10225	Matrix	: WATER
Ext Btch ID:	V00511	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.30
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.50
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V0051118	V0051111L	V0051111C		
LAB FILE ID:	RIQ225	RIQ222	RIQ223		
DATE EXTRACTED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE RECEIVED:	09/07/10
PREP. BATCH:	V0051111	V0051111	V0051111		
CALIB. REF:	RHQ642	RHQ642	RHQ642		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.20	82	10.0	7.88	79	4	60-130	30
Benzene	ND	10.0	8.70	87	10.0	8.41	84	3	70-130	30
Chlorobenzene	ND	10.0	9.68	97	10.0	9.37	94	3	70-120	30
Toluene	ND	10.0	9.04	90	10.0	8.69	87	4	70-130	30
Trichloroethene	ND	10.0	8.45	84	10.0	8.26	83	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.81	98	10.0	9.54	95	70-140
4-Bromofluorobenzene	10.0	10.5	105	10.0	10.6	106	70-130
Toluene-d8	10.0	10.5	105	10.0	10.4	104	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ636
Instrument ID: TD05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101018
BFB Injection Date : 08/20/10
BFB Injection Time : 17:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.49
75	30.0 - 60.0% of mass 95	42.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.90
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	74.45
175	5.0 - 9.0% of mass 174	5.40(7.3)1
176	95.0 - 101.0% of mass 174	71.18(95.6)1
177	5.0 - 9.0% of mass 176	4.81(6.8)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V005H201	RHQ637	08/20/10	17:43
2	VSTD0.5	V005H202	RHQ638	08/20/10	18:13
3	VSTD01	V005H203	RHQ639	08/20/10	18:43
4	VSTD02	V005H204	RHQ640	08/20/10	19:14
5	VSTD05	V005H205	RHQ641	08/20/10	19:43
6	VSTD010	V005H206	RHQ642	08/20/10	20:13
7	VSTD020	V005H207	RHQ643	08/20/10	20:43
8	VSTD030	V005H208	RHQ644	08/20/10	21:13
9	VSTD040	V005H209	RHQ645	08/20/10	21:42
10	VSTD050	V005H2010	RHQ646	08/20/10	22:12
11	VSTD100	V005H2011	RHQ647	08/20/10	22:41

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ652
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10I01B
BFB Injection Date : 08/21/10
BFB Injection Time : 08:48
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.44
75	30.0 - 60.0% of mass 95	44.36
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.09
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	71.79
175	5.0 - 9.0% of mass 174	5.44(7.6)1
176	95.0 - 101.0% of mass 174	71.48(99.6)1
177	5.0 - 9.0% of mass 176	4.77(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IVD05W2002	RHQ653	08/21/10	09:17

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T005
Beginning DateTime :08/20/10 17:43
Spike Units :PPB
IC File :RH0642

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/20/10 22:41
HPChem Method :V005M20

	M IDX	Parameters	.5 17:43 RH0637	5 18:13 RH0638	1 18:43 RH0639	2 19:14 RH0640	5 19:43 RH0641	10 20:13 RH0642	20 20:43 RH0643	30 21:13 RH0644	40 21:42 RH0645	50 22:12 RH0646	100 22:41 RH0647	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1948
	2	Dichlorodifluoromethane	0.301	0.355	0.287	0.358	0.367	0.362	0.371	0.403	0.378	0.405	0.386	0.361	10.32	2.0234
	3	Chloromethane	0.351	0.475	0.397	0.481	0.508	0.486	0.489	0.545	0.501	0.553	0.557	0.486	13.02	2.2995
	4	Vinyl chloride	0.292	0.408	0.338	0.404	0.416	0.369	0.349	0.373	0.340	0.375	0.340	0.364	10.19	2.4281
	5	Bromomethane	0.268	0.275	0.229	0.234	0.253	0.262	0.281	0.321	0.297	0.344	0.339	0.282	13.96	2.9574
	6	Chloroethane	0.229	0.307	0.256	0.307	0.317	0.315	0.318	0.343	0.325	0.351	0.331	0.309	11.69	3.0549
	7	Dichlorofluoromethane	0.743	0.727	0.773	0.777	0.836	0.808	0.821	0.870	0.841	0.878	0.884	0.814	6.60	3.1036
	8	Trichlorofluoromethane	0.352	0.453	0.370	0.471	0.495	0.483	0.488	0.525	0.500	0.530	0.528	0.472	12.72	3.3784
	9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	10	Acrolein	------	0.013	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.012	5.74	3.8705
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.177	0.179	0.190	0.188	0.214	0.207	0.213	0.219	0.214	0.219	0.213	0.203	8.01	3.9294
5	12	Acetone	------	0.044	0.034	0.033	0.033	0.032	0.033	0.033	0.034	0.036	0.036	0.035	9.97	3.9479
	13	1,1-Dichloroethene	0.453	0.451	0.471	0.470	0.513	0.501	0.504	0.522	0.511	0.526	0.525	0.495	5.81	4.1243
5	14	tert-Butyl alcohol	------	------	0.009	0.011	0.013	0.012	0.011	0.013	0.012	0.013	0.013	0.012	11.33	4.2185
	15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	------	------	0.138	0.238	0.345	0.371	0.415	0.446	0.436	0.458	0.410	0.362	29.80	4.5047
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Methylene chloride	0.470	0.439	0.412	0.405	0.401	0.383	0.393	0.407	0.389	0.404	0.400	0.409	6.06	4.7158
	19	Carbon disulfide	------	1.117	1.069	1.338	1.375	1.283	1.333	1.460	1.416	1.561	1.501	1.345	11.69	4.7445
5	20	Acrylonitrile	0.044	0.038	0.042	0.047	0.048	0.048	0.051	0.051	0.052	0.056	0.057	0.049	11.67	4.8539
	21	tert-Butyl methyl ether (MTBE)	0.537	0.468	0.459	0.513	0.544	0.516	0.528	0.536	0.528	0.552	0.541	0.520	5.83	4.9311
	22	trans-1,2-Dichloroethene	0.447	0.458	0.476	0.475	0.517	0.501	0.504	0.520	0.514	0.526	0.512	0.495	5.41	5.1057
	23	Isopropyl ether (DIPE)	1.024	0.943	0.933	0.985	1.060	1.016	1.026	1.054	1.042	1.076	1.063	1.020	4.71	5.5213
	24	Vinyl acetate	------	0.275	0.226	0.339	0.364	0.356	0.337	0.355	0.335	0.362	0.340	0.329	13.46	5.6409
	25	1,1-Dichloroethane	0.500	0.499	0.534	0.539	0.571	0.572	0.561	0.598	0.586	0.599	0.591	0.559	6.51	5.6513
5	26	2-Butanol	------	------	------	0.009	0.009	0.009	0.009	0.011	0.010	0.012	0.011	0.010	11.51	5.9399
	27	tert-Butyl ethyl ether (ETBE)	0.693	0.659	0.700	0.776	0.818	0.791	0.798	0.823	0.801	0.834	0.836	0.776	8.00	6.0560
5	28	2-Butanone	0.058	0.046	0.050	0.056	0.058	0.057	0.058	0.058	0.059	0.064	0.065	0.057	9.58	6.1900
	29	2,2-Dichloropropane	0.409	0.389	0.426	0.415	0.446	0.428	0.414	0.425	0.412	0.416	0.406	0.417	3.49	6.3972
	30	cis-1,2-Dichloroethene	0.301	0.302	0.320	0.323	0.349	0.337	0.342	0.355	0.345	0.359	0.354	0.335	6.17	6.4499
	31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	32	Chloroform	0.455	0.460	0.467	0.470	0.511	0.495	0.499	0.522	0.510	0.527	0.520	0.494	5.37	6.6638
	33	Bromochloromethane	0.188	0.172	0.182	0.206	0.215	0.204	0.211	0.218	0.211	0.216	0.209	0.203	7.55	6.8736
	34	Dibromofluoromethane	------	------	------	0.303	0.323	0.304	0.319	0.337	0.325	0.350	0.332	0.324	5.01	6.9487
	35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	1,1,1-Trichloroethane	0.380	0.410	0.422	0.420	0.460	0.438	0.443	0.457	0.447	0.458	0.450	0.435	5.69	7.2161
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	0.097	0.100	0.100	0.116	0.126	0.124	0.126	0.132	0.126	0.132	0.129	0.119	11.32	7.6073
	39	1,2-Dichloroethane-d4	------	------	------	0.210	0.221	0.208	0.217	0.227	0.218	0.236	0.224	0.220	4.17	7.6337
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.9206
	41	1,1-Dichloropropene	0.190	0.187	0.196	0.196	0.213	0.206	0.202	0.212	0.202	0.204	0.198	0.200	4.14	7.4395
	42	Carbon tetrachloride	0.429	0.445	0.449	0.462	0.488	0.473	0.469	0.491	0.464	0.472	0.460	0.464	3.90	7.5762
	43	1,2-Dichloroethane	0.275	0.282	0.287	0.302	0.321	0.310	0.306	0.318	0.300	0.306	0.303	0.301	4.72	7.7657
	44	Benzene	1.652	1.612	1.487	1.448	1.513	1.465	1.439	1.509	1.455	1.477	1.463	1.502	4.59	7.7996
	45	Trichloroethene	0.375	0.399	0.425	0.413	0.448	0.442	0.433	0.451	0.435	0.444	0.435	0.427	5.46	8.6795
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.339	0.324	0.327	0.330	0.354	0.345	0.341	0.356	0.343	0.352	0.347	0.342	3.18	8.9258
	48	Bromodichloromethane	0.386	0.362	0.391	0.393	0.419	0.413	0.412	0.438	0.412	0.430	0.433	0.408	5.63	9.2629
20	49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.20	9.2846
	50	Dibromomethane	0.129	0.140	0.132	0.145	0.154	0.149	0.156	0.162	0.153	0.158	0.158	0.149	7.39	9.3360
	51	2-Chloroethyl vinyl ether	------	------	0.077	0.083	0.101	0.095	0.101	0.111	0.102	0.114	0.114	0.100	13.07	9.7247
5	52	4-Methyl-2-pentanone	0.151	0.149	0.156	0.167	0.175	0.174	0.177	0.177	0.176	0.190	0.187	0.171	7.96	9.7773
	53	cis-1,3-Dichloropropene	0.441	0.441	0.454	0.470	0.512	0.504	0.493	0.518	0.491	0.510	0.514	0.486	6.08	10.0900
	54	Toluene-d8	------	------	------	1.140	1.221	1.165	1.220	1.316	1.236	1.337	1.267	1.235	5.59	10.4797
	55	Toluene	1.302	1.315	1.352	1.325	1.449	1.402	1.429	1.509	1.438	1.494	1.500	1.409	5.45	10.6044
	56	Ethyl methacrylate	0.241	0.240	0.232	0.254	0.272	0.264	0.266	0.281	0.263	0.279	0.274	0.261	6.38	10.8711
	57	trans-1,3-Dichloropropene	0.314	0.297	0.308	0.335	0.371	0.366	0.363	0.384	0.361	0.382	0.381	0.351	9.08	10.8697
	58	1,1,2-Trichloroethane	0.188	0.183	0.178	0.187	0.203	0.195	0.195	0.208	0.196	0.205	0.205	0.195	5.14	11.1188
5	59	2-Hexanone	0.099	0.084	0.084	0.100	0.107	0.106	0.109	0.110	0.111	0.118	0.114	0.104	10.70	11.1445
	60	1,3-Dichloropropane	0.316	0.304	0.311	0.349	0.362	0.354	0.354	0.374	0.355	0.375	0.372	0.348	7.45	11.5222
	61	Tetrachloroethene	0.275	0.273	0.272	0.277	0.304	0.295	0.294	0.314	0.298	0.309	0.305	0.292	5.25	11.6549
	62	Dibromochloromethane	0.219	0.224	0.238	0.258	0.281	0.277	0.284	0.305	0.286	0.302	0.302	0.271	11.54	11.9446
	63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

	64	1,2-Dibromoethane	0.181	0.179	0.189	0.197	0.217	0.212	0.213	0.230	0.214	0.225	0.222	0.207	8.54	12.2776
	65	1-Chlorohexane	0.606	0.597	0.559	0.575	0.662	0.652	0.652	0.690	0.664	0.680	0.669	0.637	7.04	12.5930
	66	Chlorobenzene	0.861	0.860	0.875	0.865	0.955	0.938	0.928	0.992	0.952	0.984	0.969	0.925	5.52	12.9896
	67	1,1,1,2-Tetrachloroethane	0.275	0.274	0.284	0.285	0.318	0.313	0.315	0.338	0.323	0.337	0.327	0.308	7.87	13.0641
	68	Ethylbenzene	1.444	1.530	1.527	1.527	1.685	1.667	1.679	1.769	1.721	1.747	1.686	1.635	6.61	13.0898
2	69	m-Xylene & p-Xylene	1.125	1.125	1.162	1.159	1.269	1.258	1.262	1.343	1.287	1.313	------	1.230	6.52	13.2231
	70	o-Xylene	1.057	1.097	1.130	1.128	1.246	1.231	1.218	1.287	1.243	1.267	1.240	1.195	6.47	13.9626
	71	Styrene	0.808	0.843	0.858	0.886	1.015	0.994	0.983	1.050	1.011	1.026	1.015	0.954	9.08	14.0167
	72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7774
	73	Bromoform	0.384	0.334	0.361	0.392	0.446	0.443	0.454	0.499	0.473	0.487	0.468	0.431	12.64	14.5677
	74	Isopropylbenzene	4.830	5.002	4.969	4.975	5.573	5.433	5.461	5.957	5.637	5.712	5.414	5.360	6.81	14.5947
	75	1,1,2,2-Tetrachloroethane	0.661	0.660	0.651	0.689	0.742	0.733	0.729	0.792	0.737	0.762	0.723	0.716	6.35	14.8668
	76	4-Bromofluorobenzene	1.540	1.357	1.336	1.284	1.380	1.305	1.368	1.506	1.413	1.510	1.344	1.395	6.23	15.0076
	77	1,2,3-Trichloropropane	------	0.156	0.156	0.169	0.192	0.182	0.191	0.201	0.189	0.196	0.186	0.182	8.80	15.1244
	78	trans-1,4-Dichloro-2-butene	------	0.154	0.161	0.170	0.185	0.190	0.192	0.211	0.196	0.200	------	0.184	10.34	15.2541
	79	n-Propylbenzene	5.863	6.118	6.054	6.047	6.830	6.749	6.706	7.291	6.930	7.095	------	6.568	7.67	15.3003
	80	Bromobenzene	0.988	0.960	0.994	0.991	1.091	1.073	1.097	1.181	1.120	1.155	------	1.065	7.26	15.3390
	81	1,3,5-Trimethylbenzene	3.692	3.864	3.876	3.848	4.325	4.260	4.184	4.523	4.333	4.434	4.151	4.135	6.63	15.5858
	82	2-Chlorotoluene	3.834	3.678	3.650	3.746	4.062	4.045	4.028	4.277	4.105	4.155	4.026	3.964	5.19	15.5871
	83	4-Chlorotoluene	3.176	3.341	3.265	3.282	3.578	3.474	3.462	3.808	3.616	3.772	3.398	3.470	5.93	15.6765
	84	tert-Butylbenzene	0.829	0.850	0.820	0.822	0.977	0.956	0.950	1.018	0.974	0.998	0.947	0.922	8.20	16.2152
	85	1,2,4-Trimethylbenzene	3.712	3.661	3.660	3.703	4.135	4.083	4.063	4.380	4.206	4.317	4.097	4.002	6.74	16.2802
	86	sec-Butylbenzene	5.064	5.282	5.055	5.215	6.065	5.939	5.915	6.344	6.139	6.254	5.810	5.735	8.51	16.5983
	87	p-Isopropyltoluene	4.104	4.151	3.915	4.170	4.819	4.745	4.720	5.031	4.892	4.965	4.719	4.567	8.73	16.8515
	88	1,3-Dichlorobenzene	1.776	1.859	1.833	1.827	2.074	2.046	2.057	2.237	2.132	2.199	2.093	2.012	7.99	16.9828
	89	1,4-Dichlorobenzene	1.778	1.835	1.714	1.760	1.986	1.984	1.987	2.121	2.049	2.109	2.012	1.940	7.39	17.1736
	90	Benzyl Chloride	0.826	0.782	0.829	0.900	1.040	1.018	0.989	1.058	0.981	1.014	0.955	0.945	10.14	17.3767
	91	n-Butylbenzene	3.724	3.677	3.489	3.666	4.310	4.286	4.241	4.521	4.411	4.503	4.233	4.097	9.25	17.5933
	92	1,2-Dichlorobenzene	1.492	1.476	1.431	1.485	1.645	1.629	1.655	1.763	1.698	1.750	1.654	1.607	7.25	17.8248
	93	1,2-Dibromo-3-chloropropane	------	------	0.068	0.087	0.094	0.095	0.098	0.106	0.103	0.108	0.106	0.096	13.00	18.9533
	94	1,2,4-Trichlorobenzene	0.747	0.758	0.719	0.802	0.953	0.963	0.981	1.034	1.020	1.066	0.986	0.912	14.10	19.9352
	95	Hexachlorobutadiene	0.522	0.580	0.507	0.508	0.631	0.619	0.619	0.644	0.636	0.664	0.616	0.595	9.58	20.0922
	96	Naphthalene	------	1.168	1.051	1.201	1.432	1.446	1.507	1.589	1.586	1.681	1.585	1.425	14.94	20.1844
	97	1,2,3-Trichlorobenzene	0.568	0.589	0.550	0.613	0.723	0.740	0.752	0.767	0.780	0.799	0.731	0.692	13.38	20.4401

Spike Amount = Nominal Amount * M
Ave_%RSD : 8.3 Max_%RSD : 29.8

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
16	Iodomethane	-0.03378	0.43470	0.9985

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :1005
IC Beginning DateTime :08/20/10 17:43
Spike Amount :10 PPB
CC/CV File :RH0653
IC File :RH0642

Column Spec: :RTX502.2 ID :0.32MM
IC Ending DateTime :08/20/10 22:43
HPChem Method :VD05H20
Date_Time :08/21/10 09:17

M	IDX	Parameters	CC_Conc	CC% D	CC_Resp	CCRRF	AVRRF	CC_RTm	AVRTm	% RSD	Co_X0	Co_X1	Co_X2	Co_COV
	1	1,4-DIFLUOROBENZENE	10.000	0	1347929	1	1	8.181	8.195	0				
	2	Dichlorodifluoromethane	10.247	2.5	498958	0.370	0.361	2.016	2.023	10.32				
	3	Chloromethane	10.644	6.4	696949	0.517	0.486	2.299	2.299	13.02				
	4	Vinyl chloride	10.621	6.2	521087	0.387	0.364	2.418	2.428	10.19				
	5	Bromomethane	9.273	-7.5	352463	0.261	0.282	2.954	2.957	13.96				
	6	Chloroethane	10.441	4.4	434987	0.323	0.309	3.059	3.055	11.69				
	7	Dichlorofluoromethane	9.826	-1.7	1078650	0.800	0.814	3.103	3.104	6.60				
	8	Trichlorofluoromethane	10.248	2.5	652531	0.484	0.472	3.371	3.378	12.72				
	9	sec-Propyl alcohol												
S	10	Acrolein	46.204	-7.6	75164	0.011	0.012	3.863	3.871	5.74				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	10.863	8.6	297150	0.220	0.203	3.933	3.929	8.01				
S	12	Acetone	45.480	-9.0	213444	0.032	0.035	3.937	3.948	9.97				
	13	1,1-Dichloroethene	9.206	-7.9	614580	0.456	0.495	4.116	4.124	5.81				
S	14	tert-Butyl alcohol	44.272	-11.5	70724	0.010	0.012	4.205	4.219	11.33				
	15	Acetonitrile												
	16	Iodomethane	8.393	-16.1	446243	0.331	0.362	4.488	4.505	29.80	-0.0338	0.4347		0.9985
	17	Methyl acetate												
	18	Methylene chloride	9.287	-7.1	512319	0.380	0.409	4.712	4.716	6.06				
	19	Carbon disulfide	9.095	-5.4	1752594	1.300	1.343	4.741	4.745	11.69				
S	20	Acrylonitrile	56.777	-5.4	371393	0.046	0.049	4.846	4.854	11.67				
	21	tert-Butyl methyl ether (MTBE)	8.889	-11.1	623235	0.462	0.520	4.920	4.931	5.83				
	22	trans-1,2-Dichloroethene	8.694	-13.1	580679	0.431	0.485	5.050	5.106	5.41				
	23	Isopropyl ether (DIPE)	9.481	-6.5	1289836	0.957	1.060	5.516	5.521	4.71				
	24	Vinyl acetate	9.381	-6.2	415886	0.309	0.329	5.632	5.641	13.44				
	25	1,1-Dichloroethane	10.425	4.3	785805	0.583	0.559	5.635	5.651	6.51				
S	26	2-Butanol	43.219	-12.8	58206	0.009	0.010	5.818	5.940	11.51				
	27	tert-Butyl ethyl ether (ETBE)	9.314	-6.9	973709	0.722	0.776	6.052	6.056	8.00				
S	28	2-Butanone	47.840	-4.3	369383	0.055	0.057	6.171	6.190	9.58				
	29	2,2-Dichloropropane	11.025	10.2	619609	0.460	0.417	6.394	6.397	3.49				
	30	cis-1,2-Dichloroethene	9.765	-2.3	441188	0.327	0.335	6.439	6.450	6.17				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	10.561	5.6	703494	0.522	0.494	6.647	6.664	5.37				
	33	Bromochloromethane	9.697	-3.0	265117	0.197	0.203	6.871	6.872	7.55				
	34	Dibromofluoromethane	10.027	0.3	438202	0.325	0.324	6.945	6.949	5.01				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	9.982	-0.2	585338	0.434	0.435	7.213	7.216	5.69				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.144	-8.6	146435	0.109	0.119	7.600	7.607	11.32				
	39	1,2-Dichloroethane-d4	9.614	-3.9	285239	0.212	0.220	7.615	7.634	4.19				
	40	CHLOROBENZENE-D5	10.000	0	1109857	1	1	12.916	12.921	0				
	41	1,1-Dichloropropene	9.219	-7.8	205088	0.185	0.200	7.437	7.439	4.14				
	42	Carbon tetrachloride	9.733	-2.7	501000	0.451	0.464	7.571	7.576	3.90				
	43	1,2-Dichloroethane	9.612	-3.9	321012	0.289	0.301	7.749	7.766	4.72				
	44	Benzene	9.039	-9.6	1566759	1.358	1.502	7.794	7.800	4.59				
	45	Trichloroethene	9.580	-4.2	454433	0.409	0.427	8.672	8.679	5.46				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.104	1.0	383066	0.345	0.342	8.911	8.926	3.18				
	48	Bromodichloromethane	9.636	-3.6	436707	0.393	0.408	9.253	9.263	5.63				
ZO	49	1,4-Dioxane	186.232	-6.9	27404	0.001	0.001	9.268	9.285	10.20				
	50	Dibromomethane	9.411	-5.9	155544	0.140	0.149	9.328	9.336	7.39				
	51	2-Chloroethyl vinyl ether												
S	52	4-Methyl-2-pentanone	44.500	-11.0	843755	0.152	0.171	9.759	9.777	7.96				
	53	cis-1,3-Dichloropropene	9.604	-4.0	518182	0.467	0.486	10.072	10.090	6.08				
	54	Toluene-d8	10.096	1.0	1384005	1.247	1.235	10.474	10.480	5.59				
	55	Toluene	9.472	-5.3	1480939	1.334	1.409	10.593	10.604	5.45				
	56	Ethyl methacrylate	9.198	-8.0	266038	0.240	0.261	10.861	10.871	6.38				
	57	trans-1,3-Dichloropropene	10.049	0.5	391709	0.353	0.351	10.861	10.870	8.08				
	58	1,1,2-Trichloroethane	9.378	-6.2	202843	0.183	0.195	11.100	11.119	5.14				
S	59	2-Hexanone	48.214	-3.6	555733	0.100	0.104	11.129	11.144	10.70				
	60	1,3-Dichloropropane	9.560	-4.4	568858	0.332	0.348	11.517	11.532	9.45				
	61	Tetrachloroethene	9.420	-5.8	305612	0.275	0.292	11.636	11.652	6.36				
	62	Dibromochloromethane	9.739	-2.6	292423	0.263	0.271	11.934	11.945	11.54				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	9.353	-6.5	215107	0.194	0.207	12.261	12.278	8.54				
	65	1-Chlorohexane	8.962	-10.3	635975	0.571	0.634	12.374	12.383	9.04				
	66	Chlorobenzene	9.977	-0.2	1024526	0.923	0.923	12.976	12.990	5.35				
	67	1,1,1,2-Tetrachloroethane	10.146	1.5	346917	0.313	0.308	13.050	13.064	7.87				
	68	Ethylbenzene	9.836	-1.6	1784675	1.608	1.635	13.080	13.090	6.61				
Z	69	m-Xylene & p-Xylene	19.621	-1.9	2699282	1.207	1.230	13.314	13.333	6.82				
	70	o-Xylene	9.887	-1.1	1311154	1.181	1.195	13.944	13.963	6.47				
	71	Styrene	10.133	1.3	1072468	0.966	0.954	14.003	14.017	9.08				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	904122	1	1	17.771	17.777	0				
	73	Bromoform	10.189	1.8	333156	0.438	0.431	14.554	14.568	12.64				
	74	Isopropylbenzene	11.153	11.5	1818478	5.279	5.360	14.584	14.595	6.81				
	75	1,1,2,2-Tetrachloroethane	10.062	0.6	219160	0.721	0.716	14.852	14.867	6.35				
	76	4-Bromofluorobenzene	10.444	4.4	443043	1.457	1.395	15.001	15.008	6.23				
	77	1,2,3-Trichloropropane	10.374	3.7	54330	0.186	0.183	15.120	15.134	8.80				
	78	trans-1,4-Dichloro-2-butene	10.603	6.0	59445	0.185	0.184	15.249	15.264	10.34				
	79	n-Propylbenzene	10.828	8.3	2163096	7.113	6.568	15.384	15.300	7.67				
	80	Bromobenzene	10.541	5.4	341459	1.123	1.065	15.339	15.339	7.26				
	81	1,3,5-Trimethylbenzene	10.650	6.5	1339513	4.405	4.135	15.567	15.586	6.63				
	82	2-Chlorotoluene	10.871	8.7	1310614	4.310	3.964	15.582	15.587	5.19				
	83	4-Chlorotoluene	10.345	3.5	1091811	3.590	3.470	15.671	15.677	5.93				
	84	tert-Butylbenzene	11.039	10.4	309410	1.017	0.922	16.207	16.215	8.20				
	85	1,2,4-Trimethylbenzene	10.468	4.7	1273963	4.189	4.002	16.267	16.280	6.74				
	86	sec-Butylbenzene	11.006	10.1	1919708	6.312	5.735	16.594	16.598	8.51				
	87	p-Isopropyltoluene	11.133	11.3	1546255	5.084	4.567	16.847	16.851	8.73				
	88	1,3-Dichlorobenzene	10.439	4.4	638785	2.100	2.012	16.967	16.983	7.99				
	89	1,4-Dichlorobenzene	10.626	6.3	626817	2.061	1.940	17.160	17.174	7.39				
	90	Benzyl Chloride	10.724	7.3	308139	1.013	0.945	17.369	17.377	10.14				
	91	n-Butylbenzene	11.190	11.9	1394095	4.584	4.097	17.577	17.593	9.47				
	92	1,2-Dichlorobenzene	10.401	4.0	508530	1.671	1.607	17.815	17.822	7.23				
	93	1,2-Dibromo-3-chloropropane	9.100	-9.0	26580	0.087	0.096	18.947	18.953	13.00				
	94	1,2,4-Trichlorobenzene	11.194	11.9	310395	1.021	0.912	19.930	19.935	14.10				
	95	Hexachlorobutadiene	10.964	9.6	198462	0.653	0.595	20.079	20.082	9.58				
	96	Naphthalene	9.581	-4.2	415103	1.365	1.425	20.169	20.184	14.04				
	97	1,2,3-Trichlorobenzene	10.156	1.6	213696	0.703	0.692	20.436	20.440	13.38				

Spike Amount = Nominal Amount * M

DAILY CALIBRATIONS

2015

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIQ220
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101018
BFB Injection Date : 09/07/10
BFB Injection Time : 20:32
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.21
75	30.0 - 60.0% of mass 95	41.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.82
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	73.50
175	5.0 - 9.0% of mass 174	5.47(7.4)1
176	95.0 - 101.0% of mass 174	70.86(96.4)1
177	5.0 - 9.0% of mass 176	4.61(6.5)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005H2028	RIQ221	09/07/10	21:02
2	MBLK1W	V005I11B	RIQ225	09/07/10	23:02
3	LCS1W	V005I11L	RIQ222	09/07/10	21:32
4	LCD1W	V005I11C	RIQ223	09/07/10	22:02
5	IW-70-FS8229-P13	I018-01	RIQ220	09/08/10	00:32

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101018
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1360659	8.19	1115899	12.92	329623	17.78
	UPPER LIMIT	2721318	8.69	2231798	13.42	659246	18.28
	LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
	SAMPLE ID						
1	VSTD010	1543573	8.20	1256890	12.92	354168	17.77
2	MBLK1W	1688596	8.18	1319773	12.92	361408	17.77
3	LCS1W	1599353	8.18	1250082	12.92	341590	17.77
4	LCD1W	1648049	8.19	1332824	12.92	366884	17.78
5	IW-70-FSB229-P13	1618989	8.19	1319701	12.92	366990	17.78

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000		0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	8.851		11.5	100	0.00
3	P,T	Chloromethane	10.000	9.136		8.6	104	0.00
4	C,T	Vinyl chloride	10.000	8.965		10.4	100	0.00
5	T	Bromomethane	10.000	6.693		33.1#	82	0.00
6	T	Chloroethane	10.000	10.227		-2.3	114	0.00
7	T	Dichlorofluoromethane	10.000	10.007		-0.1	114	0.00
8	T	Trichlorofluoromethane	10.000	9.450		5.5	105	0.00
9	T	sec-Propyl alcohol	-1.000	0.000		0.0	0	0.00
10	T	Acrolein	50.000	31.079	NT	37.8#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.944		10.6	100	0.00
12	T	Acetone	50.000	50.623		-1.2	125	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.353		6.5	105	0.00
14	T	tert-Butyl alcohol	50.000	51.155		-2.3	117	0.00
15	T	Acetonitrile	-1.000	0.000		0.0	0	0.00
16	T	Iodomethane	10.000	6.184	NT	38.2#	72	0.00
17	T	Methyl acetate	10.000	0.000		100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.406		-4.1	126	0.00
19	T	Carbon disulfide	10.000	9.977		0.2	119	0.00
20	T	Acrylonitrile	50.000	57.599		-15.2	132	0.00
21	T	tert-Butyl methyl ether (MT	10.000	10.080		-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.423		5.8	106	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.453		-14.5	131	0.00
24	T	Vinyl acetate	10.000	11.249		-12.5	118	0.00
25	P,T	1,1-Dichloroethane	10.000	10.678		-6.8	118	0.00
26	T	2-Butanol	50.000	0.000		100.0#	0	-5.94#
27	T	tert-Butyl ethyl ether (ETB	10.000	10.680		-6.8	119	0.00
28	T	2-Butanone	50.000	56.631		-13.3	129	0.00
29	T	2,2-Dichloropropane	10.000	9.702		3.0	107	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.097		-1.0	114	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000		0.0	0	0.00
32	C,T	Chloroform	10.000	10.217		-2.2	116	0.00
33	T	Bromochloromethane	10.000	11.477		-14.8	130	0.00
34	S	Dibromofluoromethane	10.000	10.024		-0.2	121	0.00
35	T	Tetrahydrofuran	-1.000	0.000		0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.606		3.9	108	0.00
37	T	Cyclohexane	10.000	0.000		100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	10.156		-1.6	111	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.387		-3.9	125	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000		0.0	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.674	3.3	106	0.00
42	T	Carbon tetrachloride	10.000	9.039	9.6	100	0.00
43	T	1,2-Dichloroethane	10.000	10.655	-6.5	116	0.00
44	T,M	Benzene	10.000	9.448	5.5	109	0.00
45	T,M	Trichloroethene	10.000	9.057	9.4	99	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.241	-12.4	125	0.00
48	T	Bromodichloromethane	10.000	10.091	-0.9	112	0.00
49	T	1,4-Dioxane	200.000	206.999	-3.5	119	0.00
50	T	Dibromomethane	10.000	10.527	-5.3	118	0.00
51	T	2-Chloroethyl vinyl ether	10.000	6.417	N1 35.8#	76	0.00
52	T	4-Methyl-2-pentanone	50.000	56.568	-13.1	125	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.813	1.9	107	0.00
54	S	Toluene-d8	10.000	10.358	-3.6	124	0.00
55	C,T,M	Toluene	10.000	9.661	3.4	109	0.00
56	T	Ethyl methacrylate	10.000	10.424	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.780	2.2	106	0.00
58	T	1,1,2-Trichloroethane	10.000	10.941	-9.4	123	0.00
59	T	2-Hexanone	50.000	57.043	-14.1	126	0.00
60	T	1,3-Dichloropropane	10.000	10.657	-6.6	118	0.00
61	T	Tetrachloroethene	10.000	8.641	13.6	97	0.00
62	T	Dibromochloromethane	10.000	9.212	7.9	101	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	10.259	-2.6	113	0.00
65	T	1-Chlorohexane	10.000	9.542	4.6	105	0.00
66	P,M	Chlorobenzene	10.000	9.911	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.276	7.2	103	0.00
68	C,T	Ethylbenzene	10.000	9.698	3.0	107	0.00
69	T	m-Xylene & p-Xylene	20.000	19.357	3.2	107	0.00
70	T	o-Xylene	10.000	9.812	1.9	107	0.00
71	T	Styrene	10.000	10.090	-0.9	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	107	0.00
73	P,T	Bromoform	10.000	9.360	6.4	98	0.00
74	T	Isopropylbenzene	10.000	10.224	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	11.380	-13.8	119	0.00
76	S	4-Bromofluorobenzene	10.000	10.498	-5.0	121	0.00
77	T	1,2,3-Trichloropropane	10.000	11.328	-13.3	122	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	10.548	-5.5	110	0.00
79	T	n-Propylbenzene	10.000	10.363	-3.6	108	0.01
80	T	Bromobenzene	10.000	9.686	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.076	-0.8	105	0.00
82	T	2-Chlorotoluene	10.000	10.230	-2.3	108	0.00
83	T	4-Chlorotoluene	10.000	10.079	-0.8	108	0.00
84	T	tert-Butylbenzene	10.000	9.850	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.030	-0.3	106	0.00
86	T	sec-Butylbenzene	10.000	10.319	-3.2	107	0.00
87	T	p-Isopropyltoluene	10.000	9.696	3.0	100	0.00
88	T	1,3-Dichlorobenzene	10.000	9.670	3.3	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.667	3.3	102	0.00
90	T	Benzyl Chloride	10.000	8.603	14.0	86	0.00
91	T	n-Butylbenzene	10.000	10.004	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	10.000	9.698	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	8.803	12.0	96	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.484	5.2	96	0.00
95	T	Hexachlorobutadiene	10.000	8.597	14.0	89	0.00
96	T	Naphthalene	10.000	8.475	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.274	7.3	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.320	11.4	100	0.00
3	P,T	Chloromethane	0.486	0.444	8.6	104	0.00
4	C,T	Vinyl chloride	0.364	0.326	10.4	100	0.00
5	T	Bromomethane	0.282	0.189	33.0#	82	0.00
6	T	Chloroethane	0.309	0.316	-2.3	114	0.00
7	T	Dichlorofluoromethane	0.814	0.815	-0.1	114	0.00
8	T	Trichlorofluoromethane	0.472	0.446	5.5	105	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.008	33.3#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	100	0.00
12	T	Acetone	0.035	0.035	0.0	125	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	105	0.00
14	T	tert-Butyl alcohol	0.012	0.012	0.0	117	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.235	35.1#	72	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.426	-4.2	126	0.00
19	T	Carbon disulfide	1.345	1.342	0.2	119	0.00
20	T	Acrylonitrile	0.049	0.056	-14.3	132	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.524	-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.467	5.7	106	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.168	-14.5	131	0.00
24	T	Vinyl acetate	0.329	0.370	-12.5	118	0.00
25	P,T	1,1-Dichloroethane	0.559	0.597	-6.8	118	0.00
26	T	2-Butanol	0.010	0.000	100.0#	0#	-5.94#
27	T	tert-Butyl ethyl ether (ETB	0.776	0.828	-6.7	119	0.00
28	T	2-Butanone	0.057	0.065	-14.0	129	0.00
29	T	2,2-Dichloropropane	0.417	0.405	2.9	107	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.338	-0.9	114	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.505	-2.2	116	0.00
33	T	Bromochloromethane	0.203	0.233	-14.8	130	0.00
34	S	Dibromofluoromethane	0.324	0.325	-0.3	121	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.418	3.9	108	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.121	-1.7	111	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.229	-4.1	125	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.194	3.0	106	0.00
42	T	Carbon tetrachloride	0.464	0.419	9.7	100	0.00
43	T	1,2-Dichloroethane	0.301	0.321	-6.6	116	0.00
44	T,M	Benzene	1.502	1.419	5.5	109	0.00
45	T,M	Trichloroethene	0.427	0.387	9.4	99	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.384	-12.3	125	0.00
48	T	Bromodichloromethane	0.408	0.412	-1.0	112	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	119	0.00
50	T	Dibromomethane	0.149	0.157	-5.4	118	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.064	36.0#	76	0.00
52	T	4-Methyl-2-pentanone	0.171	0.193	-12.9	125	0.00
53	T	cis-1,3-Dichloropropene	0.486	0.477	1.9	107	0.00
54	S	Toluene-d8	1.235	1.279	-3.6	124	0.00
55	C,T,M	Toluene	1.409	1.361	3.4	109	0.00
56	T	Ethyl methacrylate	0.261	0.272	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.343	2.3	106	0.00
58	T	1,1,2-Trichloroethane	0.195	0.213	-9.2	123	0.00
59	T	2-Hexanone	0.104	0.118	-13.5	126	0.00
60	T	1,3-Dichloropropane	0.348	0.370	-6.3	118	0.00
61	T	Tetrachloroethene	0.292	0.253	13.4	97	0.00
62	T	Dibromochloromethane	0.271	0.249	8.1	101	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.213	-2.9	113	0.00
65	T	1-Chlorohexane	0.637	0.608	4.6	105	0.00
66	P,M	Chlorobenzene	0.925	0.917	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.286	7.1	103	0.00
68	C,T	Ethylbenzene	1.635	1.585	3.1	107	0.00
69	T	m-Xylene & p-Xylene	1.230	1.191	3.2	107	0.00
70	T	o-Xylene	1.195	1.172	1.9	107	0.00
71	T	Styrene	0.954	0.962	-0.8	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	107	0.00
73	P,T	Bromoform	0.431	0.404	6.3	98	0.00
74	T	Isopropylbenzene	5.360	5.480	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.815	-13.8	119	0.00
76	S	4-Bromofluorobenzene	1.395	1.464	-4.9	121	0.00
77	T	1,2,3-Trichloropropane	0.182	0.206	-13.2	122	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.194	-5.4	110	0.00
79	T	n-Propylbenzene	6.568	6.806	-3.6	108	0.01
80	T	Bromobenzene	1.065	1.032	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.167	-0.8	105	0.00
82	T	2-Chlorotoluene	3.964	4.055	-2.3	108	0.00
83	T	4-Chlorotoluene	3.470	3.498	-0.8	108	0.00
84	T	tert-Butylbenzene	0.922	0.908	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.014	-0.3	106	0.00
86	T	sec-Butylbenzene	5.735	5.918	-3.2	107	0.00
87	T	p-Isopropyltoluene	4.567	4.428	3.0	100	0.00
88	T	1,3-Dichlorobenzene	2.012	1.946	3.3	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.875	3.4	102	0.00
90	T	Benzyl Chloride	0.945	0.813	14.0	86	0.00
91	T	n-Butylbenzene	4.097	4.098	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	1.607	1.558	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.085	11.5	96	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.865	5.2	96	0.00
95	T	Hexachlorobutadiene	0.595	0.512	13.9	89	0.00
96	T	Naphthalene	1.425	1.207	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.642	7.2	93	0.00

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/20/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H20G

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01		RHQ636	RB05H20	3 mL	N/A	N/A	N/A		5:10pm
02		637	V005H201	.15/.15/.03/.03 mL					8260GASES/KET-ACR-ACN-TBA-MEK 0.3 / 1.5 pp6
03		638	2	.25/.25/.05/.05 mL					0.5 / 2.5
04		639	3	.5/.5/.1/.1 mL					1.0 / 5.0
05		640	4	1.0/1.0/.2/.2 mL					2.0 / 10
06		641	5	2.5/2.5/.5/.5 mL					5.0 / 25
07		642	6	5/5/1/1 mL					10 / 50
08		643	7	10/10/2/2 mL					20 / 100
09		644	8	15/15/3/3 mL					30 / 150
10		645	9	20/20/4/4 mL					40 / 200
11		646	10	25/25/5/5 mL					50 / 250
12		647	11	50/50/10/10 mL					100 / 500
13		648	MS/SS						
14		649	~~V005H200~~ V005H200						8/21/10
15		650	V005H200/*	5ml/1ml	N/A	N/A	N/A		10 / 50 / 60 12:10pm
16		651	RINSE						
17									
18									
19									
20									
21									
22									
23									
24									
25									sd 8/21/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20

STANDARDS

NAME	ID	CONC. (ng/l)
DCC KET-ACR-ACN	V11-16-25-2	250
DCC 8260(ACN) / CS2	-21-2 / -21-1	50/250 / 250
DCC GASES / 2-Butanol	-20-2 / -19-1	250 / 1250
BFB	-24-2	50
IS/SURR. IS / SS	-18-2 / -18-3	250 / 250
LCS KET-ACR-ACN	-25-3	250
LCS 8260(ACN)	-15-1	50/250
LCS GASES / 2-Butanol	-26-1 / V11-12-250	250 / 1000

SOLVENT	ID
METHANOL	
DATA FILE	20H20

Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOOS	

Comments: *Not valid for acrolein, 1,1,2-trichloro-1,2,2-trifluoroethane and 2-butanol verification

Analyzed By: sd

Date Disposed: 8/21/10

Disposed By: sd.

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/20/12 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A05 -054

BATCH V005H200 /

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RQ2652	BW825H31	2mL					5:48pm
02	653	IV005H2002*	[illegible]					
03	654	CV005H2001	[illegible]					
04	655	V005H21K	[illegible]					
05	656	C						
06	657	RIRSE	25mL					
07	658	V005H31B						
08	659	10H194-13		1.0	12	15		RE-Analyze TB-12-04-20
09	660	-21			12	15		
10	661	10H221-08			12	15		EMX46.w last
11	662	-09			12	15		
12	663	10H220-05			12	15		TB-12-04-14
13	664	10H222-05			12	15		
14	665	-01			12	15		
15	666	-04			12	15		
16	667	-02			12	15		
17	668	-03			12	15		
18	669	-06			12	15		
19	670	10H280-01			12	15		
20	671	-02			12	15		
21	672	-03			12	15		
22	673	-04			12	15		
23	674	-04M			12	15		
24	675	-04S			12	15		8:13pm
25	676	RINSE						7:04 8/23/12

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/12
ICAL ID	V005H20

STANDARDS		
NAME	ID	[illegible]
DCE KET-ACR-ACN	[illegible]-16-25-2	[illegible]
DCE CS2	-21-2 / -27-1	[illegible]
DCE EtOH	-20-2 / -19-1	[illegible]
BFB	-26-2	[illegible]
IS/SURR.	-23-4	[illegible]
LCS ACR KET-ACN	-25-3	[illegible]
LCS [illegible]	[illegible]-99-3	[illegible]
LCS EtOH	[illegible]-16-24-1 / [illegible]-12-35-2	[illegible]

SOLVENT	ID
METHANOL	
DATA FILE	10H21

Electronic Data Archival	
Location	Date
HPCHEM_VOA/DOCS	

Comments: * ICV not valid for [illegible] verification

Analyzed By: [illegible]

Date Disposed: 8/23/12

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/7/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H2028

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RQQ220	RFB05211	5ml					8:32pm
02	221	CV005H2028	5ml/1µL					
03	222	V005211L	5ml/1µL					
04	223	↓ C	↓					
05	224	RINSE	25ml					
06	225	V005211B						
07	226	102048-06		1.0	<2	<5		7B-02-04-03
08	227	102019 -05			<2	<5		7B-02-04-03
09	228	102018-01			<2	<5		
10	229	102019-01			<2	<5		25X
11	230	-02			<2	<5		10X
12	231	-03			<2	<5		50/100X
13	232	-04			<2	<5		50/100X
14	233	102043-01			<2	<5		RR, c/o?
15	234	-02			<2	<5		↓
16	235	-03			<2	<5		50X
17	236	-04			<2	<5		10X
18	237	-05			<2	<5		100X 5:00am
19								
20								
21								
22								
23								
24								
25								cd 9/8/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20
STANDARDS	
NAME	ID / CONC. (ng/l)
DCC	SVI-16-25-2
DCC	-31-2 -31-3
DCC	-20-2
BFB	-26-2 50/250
IS/SURR.	-33-2
LCS	-25-3
LCS	SVI-15-97-3
LCS	SVI-16-26-1
SOLVENT	ID
METHANOL	
DATA FILE	10207
Electronic Data Archival	
Location	Date
HPCHDM_VOA/TOOS	

Comments:

Analyzed By: cd

Date Disposed: 9/8/10

Disposed By: cd

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I018

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I018

METHOD RSK-175
DISSOLVED GASES

One(1) water sample was received on 09/01/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101018
Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DG1008WB	1	NA	09/14/1010:51	09/14/1009:40	F114003A	F114002A	DG1008W	Method Blank
LCS1W	DG1008WL	1	NA	09/14/1011:06	09/14/1009:40	F114004A	F114002A	DG1008W	Lab Control Sample (LCS)
LCD1W	DG1008WD	1	NA	09/14/1011:25	09/14/1009:40	F114005A	F114002A	DG1008W	LCS Duplicate
IW-70-FSB229-P13	1018-01	1	NA	09/14/1012:10	09/14/1009:40	F114008A	F114002A	DG1008W	Field Sample
IW-70-FSB229-P13DL	1018-01T	1000	NA	09/14/1012:41	09/14/1009:40	F114010A	F114002A	DG1008W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK 175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101018	Date Extracted:	09/14/10 09:40
Sample ID:	1W-70-FSB229-P13	Date Analyzed:	09/14/10 12:10
Lab Samp ID:	1018-01	Dilution Factor:	1
Lab File ID:	FI14008A	Matrix	: WATER
Ext Btch ID:	DG1008W	% Moisture	: NA
Calib. Ref.:	FI14002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.8J	2.0	0.60
METHANE	560E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101018	Date Extracted:	09/14/10 09:40
Sample ID:	IW-70-FSB229-P13DL	Date Analyzed:	09/14/10 12:41
Lab Samp ID:	1018-01T	Dilution Factor:	1000
Lab File ID:	FI14010A	Matrix	: WATER
Ext Btch ID:	DG1008W	% Moisture	: NA
Calib. Ref.:	FI14002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	22000	2000	600

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/14/10
Batch No. : 101018	Date Extracted: 09/14/10 09:40
Sample ID: MBLK1W	Date Analyzed: 09/14/10 10:51
Lab Samp ID: DGI008WB	Dilution Factor: 1
Lab File ID: FI14003A	Matrix : WATER
Ext Btch ID: DGI008W	% Moisture : NA
Calib. Ref.: FI14002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10I018
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGI008WB	DGI008WL	DGI008WC		
LAB FILE ID:	F114003A	F114004A	F114005A		
DATE EXTRACTED:	09/14/1009:40	09/14/1009:40	09/14/1009:40	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1010:51	09/14/1011:06	09/14/1011:25	DATE RECEIVED:	09/14/10
PREP. BATCH:	DGI008W	DGI008W	DGI008W		
CALIB. REF:	F114002A	F114002A	F114002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	23.8	94	25.4	23.5	93	1	70-140	30
Ethene	ND	23.7	21.8	92	23.7	21.7	92	0	70-140	30
Methane	ND	13.6	12.0	88	13.6	12.0	88	0	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

6/9/10

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26

COMPOUND	RT OF STANDARDS (MIN)						MEAN	RT WINDOW		RTWINDOW
	2.0X	10.0X	25.0X	40.0X	75.0X	100.0X	RT	FROM	TO	WIDTH
Methane	1.083	1.083	1.083	1.083	1.092	1.083	1.084	1.055	1.113	0.029
Acetylene	2.208	2.208	2.208	2.200	2.217	2.200	2.207	2.181	2.233	0.026
Ethylene	2.667	2.667	2.667	2.658	2.675	2.658	2.665	2.614	2.716	0.051
Ethane	3.100	3.100	3.108	3.100	3.117	3.100	3.104	3.054	3.154	0.050
Propane	5.983	5.983	5.992	5.983	6.000	5.983	5.987	5.900	6.074	0.087

DG10F08.MET

AA
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	385151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10F08.MET

AS
06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI14002A 09/14/2010 10:38
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	375837	12.61	-7		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	399583	22.14	-7		15
Ethane	3.075	3.025	3.125	25.4	26515.2	640016	24.14	-5		15
Propane	5.950	5.863	6.037	37.3	28066.5	1012360	36.07	-3		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI14013A 09/14/2010 13:46
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	415417	13.94	3		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	434422	24.07	1		15
Ethane	3.083	3.033	3.133	25.4	26515.2	692896	26.13	3		15
Propane	5.958	5.871	6.045	37.3	28066.5	1084676	38.65	4		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☐ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc ~~(ug/L)~~ ppm
DGAS ICAL (scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: Ff08.009 - [Batch: f108.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD	Mult.
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Calculator | Method: Dg10f08.met - B... | Tuesday, June 08, 2010

ANALYSIS RUN LOG
for
DISSOLVED GAS

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG1008 : I062, I018, I043, I053

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FI14
Method File:	DG10F08
Analytical Batch:	CDG10F08329

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICC 555B-06-40-1	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Tizchrom/HZC_9_DGAS	

Analyzed By: SC

Date: 9/14/10

Disposed By: SC

Date Disposed: 9/14/10

Method: Dg10f08.met Batch: Fi14.seq Data: Fi14.026 - [Batch: fi14.seq]

File Edit Method Batch Data Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	IB101329	dg10f08.met	FI14.001	0	10ul	0	1
2	Unknown	CDG10F08329	dg10f08.met	FI14.002	0		0	1
3	Unknown	DGI008WB	dg10f08.met	FI14.003	0		0	1
4	Unknown	DGI008WL	dg10f08.met	FI14.004	0		0	1
5	Unknown	DGI008WC	dg10f08.met	FI14.005	0		0	1
6	Unknown	10I062-01	dg10f08.met	FI14.006	0		0	1
7	Unknown	10I062-02	dg10f08.met	FI14.007	0		0	1
8	Unknown	10I018-01 RR CHYE	dg10f08.met	FI14.008	0		0	1
9	Unknown	10I018-01T DF=1000 NOT evaluated, Bad	dg10f08.met	FI14.009	0	2ul (20x)	0	1000
10	Unknown	10I018-01T DF=1000	dg10f08.met	FI14.010	0	2ul (20x)	0	1000
11	Unknown	10I043-01 RR CHYE	dg10f08.met	FI14.011	0	10ul	0	1
12	Unknown	10I043-02 RR CHYE	dg10f08.met	FI14.012	0		0	1
13	Unknown	CDG10F08330	dg10f08.met	FI14.013	0		0	1
14	Unknown	10I043-03 RR CHYE	dg10f08.met	FI14.014	0		0	1
15	Unknown	10I043-04 RR CHYE	dg10f08.met	FI14.015	0		0	1
16	Unknown	10I043-05 RR CHYE	dg10f08.met	FI14.016	0		0	1
17	Unknown	10I043-05T DF=2	dg10f08.met	FI14.017	0	50ul	0	2
18	Unknown	10I043-01T DF=1000	dg10f08.met	FI14.018	0	2ul (20x)	0	1000
19	Unknown	10I043-02T DF=1000	dg10f08.met	FI14.019	0	2ul (20x)	0	1000
20	Unknown	10I043-03T DF=400	dg10f08.met	FI14.020	0	5ul (20x)	0	400
21	Unknown	10I043-04T DF=400	dg10f08.met	FI14.021	0	5ul (20x)	0	400
22	Unknown	10I053-01 RR CHYE	dg10f08.met	FI14.022	0	100ul	0	1
23	Unknown	10I053-01T DF=10	dg10f08.met	FI14.023	0	10ul	0	10
24	Unknown	10I053-03	dg10f08.met	FI14.024	0	100ul	0	1
25	Unknown	CDG10F08331 NOT evaluated	dg10f08.met	FI14.025	0		0	1
26	Unknown	CDG10F08331	dg10f08.met	FI14.026	0		0	1
27	Unknown	IB	dg10f08.met	FI14.027	0		0	1
28	Unknown	IB	dg10f08.met	FI14.028	0		0	1
29	Unknown	IB	dg10f08.met	FI14.029	0		0	1
30	Unknown	IB	dg10f08.met	FI14.030	0		0	1
31	Unknown	IB	dg10f08.met	FI14.031	0		0	1
32	Unknown	IB	dg10f08.met	FI14.032	0		0	1
33	Unknown	IB	dg10f08.met	FI14.033	0		0	1
34	Unknown	IB	dg10f08.met	FI14.034	0		0	1
35	Unknown	IB	dg10f08.met	FI14.035	0		0	1

SC 9/14/10

FINAL

SC

Start | EZChrom Chromatogra... | Method: Dg10f08.... | Untitled - Paint | Method Dg10f08.met | Exported Export | Calculator | Tuesday, September 14, 2010 5:46 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/14/10 Time: 9:40 End Date: 9/14/10 Time: 10:50

PREPARATION BATCH # DG1008

Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (mL)	pH	Notes
01	DG1008WB	39	4	N/A	
02	L				
03	C				
04	10I062-01			<2	
05	-02				
06	10I018-01			<2	
07	10I043-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	10I053-01			<2	
13	-03				
14					
15					
16					
17					
18				SC 9/14/10	
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SDSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	Air Liquide / Alphagaz 1

SDG #	Extract Location

Comments: Thermometer RSK-01

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH: N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				x	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I018

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I018

METHOD SM5310B
TOC

One(1) water sample was received on 09/01/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for TCI001WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101018

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1001WB	ND	1	NA	1.00	0.500	09/03/1019:37	NA	TC1001-05	TC1001-02	TC1001W	NA	NA
LCS1W	TC1001WL	24.8	1	NA	1.00	0.500	09/03/1019:49	NA	TC1001-06	TC1001-02	TC1001W	NA	NA
LCD1W	TC1001WC	24.8	1	NA	1.00	0.500	09/03/1020:02	NA	TC1001-07	TC1001-02	TC1001W	NA	NA
IW-70-FSB229-P13	1018-01	4.61	1	NA	1.00	0.500	09/04/1001:16	NA	TC1001-34	TC1001-26	TC1001W	09/01/1010:10	09/01/10

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101C1B
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE NO: MBLK1W
LAB SAMP ID: TC1001WB TC1001WL TC1001WC
LAB FILE ID: TC1001-05 TC1001-06 TC1001-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1019:37 09/03/1019:49 09/03/1020:02 DATE RECEIVED: NA
PREP. BATCH: TC1001W TC1001W TC1001W
CALIB. REF: TC1001-02 TC1001-02 TC1001-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.8	99	0	85-115	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/3/10 17:51
end (date & time) 9/4/10 07:10

TCI001W/TCI002W:

10H954-01
10H624-04
10H624-01
10H633-03,04,05
10I005-02,03,05
10I019-01→04
10I009-01→04,06
10I018-01
10I003-06→08
10I018-01
10H997-01
10H661-01→05,06,08,09,10

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI001
Method File:	TCI001
Analytical Batch:	TCI001W TCI002W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-322	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ TOC	9/7/10
☐	

Analyzed By: Am

Date: 9/7/10

	Type	Analysis	Sample Name	Sample ID	Operator	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICAL	TCI001-01	OA-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI001-02	OA-123456	C:\Pro	1.000	NPOC:24.78 mg/L	
3	Unknown	NPOC	ICB	TCI001-03	OA-123456	C:\Pro	1.000	NPOC:0.1142 mg/L	
4	Unknown	NPOC	HCO3\C03	TCI001-04	OA-123456	C:\Pro	1.000	NPOC:0.1740 mg/L	
5	Unknown	NPOC	TCI001WB	TCI001-05	OA-123456	C:\Pro	1.000	NPOC:0.06124 mg/L	
6	Unknown	NPOC	TCI001WL	TCI001-06	OA-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
7	Unknown	NPOC	TCI001WC	TCI001-07	OA-123456	C:\Pro	1.000	NPOC:24.80 mg/L	
8	Unknown	NPOC	10H944-01	TCI001-08	OA-123456	C:\Pro	1.000	NPOC:7.085 mg/L	PH<2
9	Unknown	NPOC	10H624-04T	TCI001-09	OA-123456	C:\Pro	20.00	NPOC:413.0 mg/L	DF=20
10	Unknown	NPOC	10H634-01	TCI001-10	OA-123456	C:\Pro	1.000	NPOC:2.090 mg/L	PH<2
11	Unknown	NPOC	10H633-02	TCI001-11	OA-123456	C:\Pro	1.000	NPOC:1.399 mg/L	PH<2
12	Unknown	NPOC	10H633-04	TCI001-12	OA-123456	C:\Pro	1.000	NPOC:2.145 mg/L	PH<2
13	Unknown	NPOC	10H633-05	TCI001-13	OA-123456	C:\Pro	1.000	NPOC:2.226 mg/L	PH<2
14	Control	NPOC	CCV1	TCI001-14	OA-123456	C:\Pro	1.000	NPOC:24.92 mg/L	
15	Unknown	NPOC	CCB1	TCI001-15	OA-123456	C:\Pro	1.000	NPOC:0.1212 mg/L	
16	Unknown	NPOC	10I005-02	TCI001-16	OA-123456	C:\Pro	1.000	NPOC:1.027 mg/L	PH<2
17	Unknown	NPOC	10I005-03	TCI001-17	OA-123456	C:\Pro	1.000	NPOC:0.8532 mg/L	PH<2
18	Unknown	NPOC	10I005-03D	TCI001-18	OA-123456	C:\Pro	1.000	NPOC:0.8882 mg/L	
19	Unknown	NPOC	10I005-03M	TCI001-19	OA-123456	C:\Pro	1.000	NPOC:26.05 mg/L	
20	Unknown	NPOC	10I005-03S	TCI001-20	OA-123456	C:\Pro	1.000	NPOC:26.12 mg/L	
21	Unknown	NPOC	10I005-05	TCI001-21	OA-123456	C:\Pro	1.000	NPOC:0.9896 mg/L	PH<2
22	Unknown	NPOC	10I019-01	TCI001-22	OA-123456	C:\Pro	5.000	NPOC:492.0 mg/L	DF=5 PH<2
23	Unknown	NPOC	10I019-02	TCI001-23	OA-123456	C:\Pro	1.000	NPOC:1.851 mg/L	PH<2
24	Unknown	NPOC	10I019-03	TCI001-24	OA-123456	C:\Pro	1.000	NPOC:2.942 mg/L	PH<2
25	Unknown	NPOC	10I019-04	TCI001-25	OA-123456	C:\Pro	1.000	NPOC:3.107 mg/L	PH<2
26	Control	NPOC	CCV2	TCI001-26	OA-123456	C:\Pro	1.000	NPOC:25.37 mg/L	
27	Unknown	NPOC	CCB2	TCI001-27	OA-123456	C:\Pro	1.000	NPOC:0.2845 mg/L	
28	Unknown	NPOC	10I009-01	TCI001-28	OA-123456	C:\Pro	1.000	NPOC:2.220 mg/L	PH<2
29	Unknown	NPOC	10I009-02	TCI001-29	OA-123456	C:\Pro	1.000	NPOC:0.7712 mg/L	PH<2
30	Unknown	NPOC	10I009-03	TCI001-30	OA-123456	C:\Pro	1.000	NPOC:0.8222 mg/L	PH<2
31	Unknown	NPOC	10I009-04	TCI001-31	OA-123456	C:\Pro	1.000	NPOC:2.872 mg/L	PH<2
32	Unknown	NPOC	10I009-06	TCI001-32	OA-123456	C:\Pro	1.000	NPOC:6.106 mg/L	PH<2
33	Unknown	NPOC	10I006-01	TCI001-33	OA-123456	C:\Pro	1.000	NPOC:2.139 mg/L	PH<2
34	Unknown	NPOC	10I018-01	TCI001-34	OA-123456	C:\Pro	1.000	NPOC:4.610 mg/L	PH<2
35	Unknown	NPOC	TCI002WL	TCI001-35	OA-123456	C:\Pro	1.000	NPOC:24.54 mg/L	
36	Unknown	NPOC	TCI002WC	TCI001-36	OA-123456	C:\Pro	1.000	NPOC:24.56 mg/L	
37	Unknown	NPOC	TCI002WB	TCI001-37	OA-123456	C:\Pro	1.000	NPOC:0.1171 mg/L	
38	Control	NPOC	CCV3	TCI001-38	OA-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
39	Unknown	NPOC	CCB3	TCI001-39	OA-123456	C:\Pro	1.000	NPOC:0.1173 mg/L	
40	Unknown	NPOC	10I003-06	TCI001-40	OA-123456	C:\Pro	1.000	NPOC:1.523 mg/L	PH<2
41	Unknown	NPOC	10I003-07	TCI001-41	OA-123456	C:\Pro	1.000	NPOC:0.9515 mg/L	PH<2
42	Unknown	NPOC	10I003-07D	TCI001-42	OA-123456	C:\Pro	1.000	NPOC:0.9763 mg/L	
43	Unknown	NPOC	10I003-07M	TCI001-43	OA-123456	C:\Pro	1.000	NPOC:26.10 mg/L	
44	Unknown	NPOC	10I003-07S	TCI001-44	OA-123456	C:\Pro	1.000	NPOC:26.18 mg/L	
45	Unknown	NPOC	10I003-08	TCI001-45	OA-123456	C:\Pro	1.000	NPOC:3.436 mg/L	PH<2
46	Unknown	NPOC	10H997-01	TCI001-46	OA-123456	C:\Pro	20.00	NPOC:425.4 mg/L	DF=20 PH<2
47	Unknown	NPOC	10H661-01	TCI001-47	OA-123456	C:\Pro	2.000	NPOC:210.5 mg/L	DF=2 PH<2
48	Unknown	NPOC	10H661-02	TCI001-48	OA-123456	C:\Pro	2.000	NPOC:216.8 mg/L	DF=2 PH<2
49	Unknown	NPOC	10H661-03	TCI001-49	OA-123456	C:\Pro	1.000	NPOC:17.44 mg/L	PH<2
50	Control	NPOC	CCV4	TCI001-50	OA-123456	C:\Pro	1.000	NPOC:24.93 mg/L	
51	Unknown	NPOC	CCB4	TCI001-51	OA-123456	C:\Pro	1.000	NPOC:0.1683 mg/L	
52	Unknown	NPOC	10H661-04	TCI001-52	OA-123456	C:\Pro	1.000	NPOC:15.21 mg/L	PH<2
53	Unknown	NPOC	10H661-05	TCI001-53	OA-123456	C:\Pro	1.000	NPOC:17.97 mg/L	PH<2
54	Unknown	NPOC	10H661-05M	TCI001-54	OA-123456	C:\Pro	1.000	NPOC:43.52 mg/L	
55	Unknown	NPOC	10H661-05S	TCI001-55	OA-123456	C:\Pro	1.000	NPOC:43.37 mg/L	
56	Unknown	NPOC	10H661-06	TCI001-56	OA-123456	C:\Pro	1.000	NPOC:32.43 mg/L	PH<2
57	Unknown	NPOC	10H661-08	TCI001-57	OA-123456	C:\Pro	1.000	NPOC:1400 mg/L	PH<2
58	Unknown	NPOC	10H661-09	TCI001-58	OA-123456	C:\Pro	1.000	NPOC:9.308 mg/L	PH<2
59	Unknown	NPOC	10661-10	TCI001-59	OA-123456	C:\Pro	1.000	NPOC:1.699 mg/L	PH<2
60	Control	NPOC	CCV5	TCI001-60	OA-123456	C:\Pro	1.000	NPOC:25.34 mg/L	
61	Unknown	NPOC	CCB5	TCI001-61	OA-123456	C:\Pro	1.000	NPOC:0.4400 mg/L	
62									
63									
64									
65									FINAL
66									
67									

09/07/10 10:12:25 AM

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

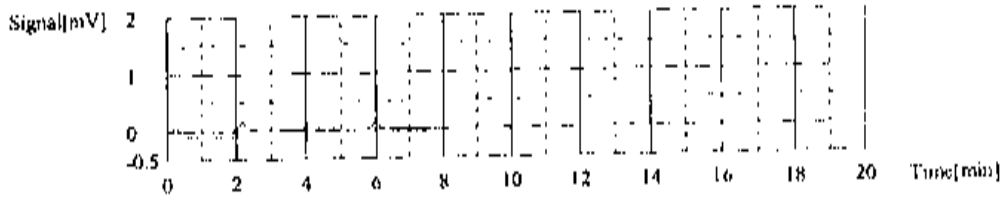
Sample Name:	ICAL
Sample ID:	TCI001-01
Cal. Curve:	TCI001.2010_09 03 17.42_49.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol	Aut. Dil	Rem.	EX.	Date / Time
1	0.000	50uL	1	------		09/03/10 05:51:39 PM
2	0.000	50uL	1	------		09/03/10 05:53:44 PM
3	0.000	50uL	1	------		09/03/10 05:55:49 PM
4	0.000	50uL	1	------		09/03/10 05:57:54 PM

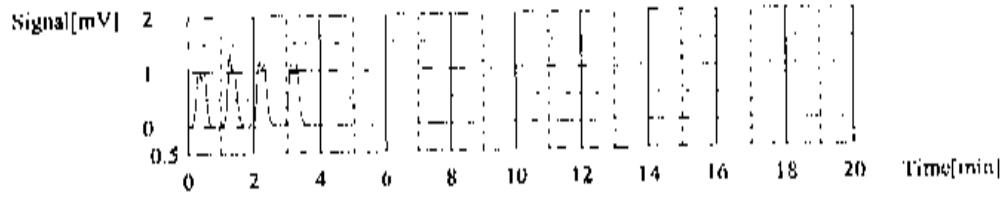
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 0.000



Conc. 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex	Date / Time
1	2.103	50uL	10	------		09/03/10 06:06:03 PM
2	2.104	50uL	10	------		09/03/10 06:07:08 PM
3	2.257	50uL	10	------		09/03/10 06:08:16 PM
4	2.271	50uL	10	------		09/03/10 06:09:22 PM

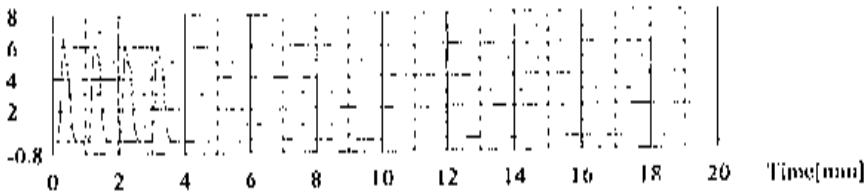
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 2.200



Conc. 5.000mg/L

No	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.44	50uL	2	------		09/03/10 06:15:35 PM
2	10.69	50uL	2	------		09/03/10 06:16:42 PM
3	10.68	50uL	2	------		09/03/10 06:17:51 PM
4	10.72	50uL	2	------		09/03/10 06:18:59 PM

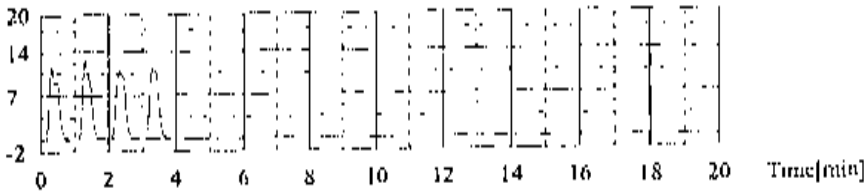
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 10.63



Conc. 10.00mg/l

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex	Date / Time
1	20.83	50uL	1	******		09/03/10 06:24:32 PM
2	20.96	50uL	1	******		09/03/10 06:25:41 PM
3	21.12	50uL	1	******		09/03/10 06:26:54 PM
4	21.02	50uL	1	******		09/03/10 06:28:03 PM

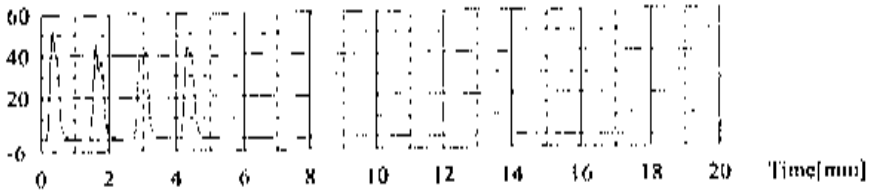
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 20.98



Conc 40.00mg/l

No	Area	Inj. Vol	Aut. Dil.	Rem.	Ex	Date / Time
1	83.89	50uL	2	******		09/03/10 06:36:32 PM
2	84.64	50uL	2	******		09/03/10 06:38:02 PM
3	84.38	50uL	2	******		09/03/10 06:39:36 PM
4	84.60	50uL	2	******		09/03/10 06:41:07 PM

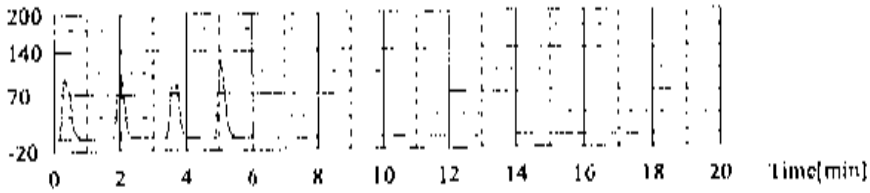
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 84.38



Conc: 80.00mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	171.9	50uL	1	******		09/03/10 06:47:19 PM
2	171.2	50uL	1	******		09/03/10 06:49:06 PM
3	173.0	50uL	1	******		09/03/10 06:50:46 PM
4	171.5	50uL	1	******		09/03/10 06:52:24 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 171.9



Slope: 2.145
Intercept 0.000
r^2 0.999918

Control Sample

Sample Name: ICV
Sample ID: TCI001-02
Method: TCI001.tpl
Chk. Result: Control value: 24.78 / Control exceeds range!

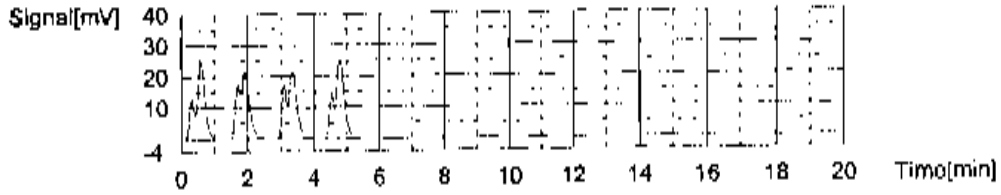
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.78 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex	Cal. Curve	Date / Time
1	52.51	24.48mg/L	50uL	1		TCI001.2010 09_03_17 42 49.cal	09/03/10 07:00:31 PM
2	53.23	24.82mg/L	50uL	1		TCI001.2010 09 03 17 42_49.cal	09/03/10 07:02:06 PM
3	53.23	24.82mg/L	50uL	1		TCI001.2010 09_03_17_42_49.cal	09/03/10 07:03:44 PM
4	53.64	25.01mg/L	50uL	1		TCI001.2010 09_03_17 42 49.cal	09/03/10 07:05:21 PM

Mean Area: 53.15
Mean Conc.: 24.78mg/L



Sample

Sample Name: ICB
Sample ID: TCI001-03
Origin: TCI001.cal
Chk. Result

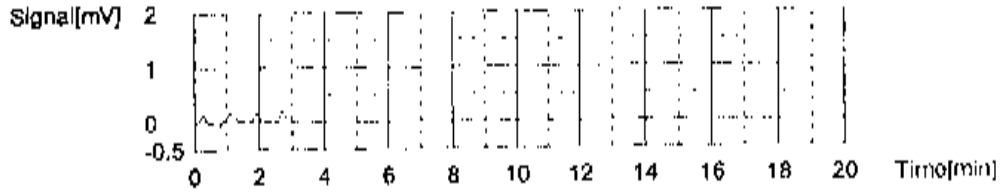
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1142 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2141	0.0998mg/L	50uL	1		TCI001.2010 09 03 17 42 49.cal	09/03/10 07:12:39 PM
2	0.2570	0.1198mg/L	50uL	1		TCI001.2010 09_03 17 42 49.cal	09/03/10 07:13:38 PM
3	0.2281	0.1064mg/L	50uL	1		TCI001.2010 09 03 17 42 49.cal	09/03/10 07:14:37 PM
4	0.2804	0.1310mg/L	50uL	1		TCI001.2010 09 03 17 42 49 cal	09/03/10 07:15:38 PM

Mean Area: 0.2450
Mean Conc: 0.1142mg/L



CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I018

METHOD 300.0(M)
ORGANICS BY IC

One (1) water sample was received on 09/01/10 for (Acetate, Butyrate, Lactate and Propionate) Organic Acids by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI008WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I018-01M/S were within project QC limits.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101018

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110003	HC10001	HC1008W	NA	NA
LCS1W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	H110004	HC10001	HC1008W	NA	NA
LCD1W	HC1008WD	19.1	1	NA	1.00	0.500	09/10/1017:10	NA	H110005	HC10001	HC1008W	NA	NA
1W-70-FSB229-P13	1018-01	ND	1	NA	1.00	0.500	09/11/1011:47	NA	H110024	HC10019	HC1008W	09/01/1010:10	09/01/10
1W-70-FSB229-P13MS	1018-01M	8.14	1	NA	1.00	0.500	09/11/1013:55	NA	HC10027	HC10025	HC1008W	09/01/1010:10	09/01/10
1W-70-FSB229-P13MSD	1018-01S	8.29	1	NA	1.00	0.500	09/11/1015:01	NA	HC10028	HC10025	HC1008W	09/01/1010:10	09/01/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10IC18

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
WBLK1W	HCIC08W8	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HCIC08W	NA	NA
LCS1W	HCIC08W.	18.7	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HCIC08W	NA	NA
LCD1W	HCIC08WC	18.2	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HCIC08W	NA	NA
IW-70-FSB229-P13	IC18-01	ND	1	NA	1.00	0.500	09/11/1011:47	NA	HI10024	HI10019	HCIC08W	09/01/1010:10	09/0'/10
IW-70-FSB229-P13MS	IC18-01M	8.15	1	NA	1.00	0.500	09/11/10'3:55	NA	HI10027	HI10025	HCIC08W	09/01/1010:10	09/0'/10
IW-70-FSB229-P13MSD	IC18-01S	8.47	1	NA	1.00	0.500	09/11/10'5:01	NA	HI10028	HI10025	HCIC08W	09/0'/1010:10	09/0'/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : WWS SEAL BEACH, IR SITE 70.
Batch No. : 101018

Matrix : WATER
Instrument ID : 1136

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008W0	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HC10003	HC10031	HC1008W	NA	NA
LCS1W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	HC10004	HC10031	HC1008W	NA	NA
LCD1W	HC1008WC	18.7	1	NA	1.00	0.500	09/10/1017:10	NA	HC10005	HC10001	HC1008W	NA	NA
IW-70-FS8229-P13	1018-01	ND	1	NA	1.00	0.500	09/11/1011:47	NA	HC10024	HC10019	HC1008W	09/01/1010:10	09/01/10
IW-70-FS8229-P13MS	1018-01M	8.87	1	NA	1.00	0.500	09/11/1013:55	NA	HC10027	HC10025	HC1008W	09/01/1010:10	09/01/10
IW-70-FS8229-P13MSD	1018-01S	8.87	1	NA	1.00	0.500	09/11/1015:01	NA	HC10028	HC10025	HC1008W	09/01/1010:10	09/01/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010018

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	ENAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC10008W9	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110003	H110001	HC10008W	NA	NA
LCS1W	HC10008WL	19.7	1	NA	1.00	0.500	09/10/1016:49	NA	H110004	H110001	HC10008W	NA	NA
LCD1W	HC10008WC	19.3	1	NA	1.00	0.500	09/10/1017:10	NA	H110005	H110001	HC10008W	NA	NA
IW-70-FSB229-P13	1018-01	ND	1	NA	1.00	0.500	09/11/1014:47	NA	H110024	H110019	HC10008W	09/01/1010:10	09/01/10
IW-70-FSB229-P13MS	1018-01M	7.98	1	NA	1.00	0.500	09/11/1013:55	NA	H110027	H110025	HC10008W	09/01/1010:10	09/01/10
IW-70-FSB229-P13MSD	1018-01S	8.27	1	NA	1.00	0.500	09/11/1015:01	NA	H110028	H110025	HC10008W	09/01/1010:10	09/01/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKTW				
LAB SAMP ID:	HC1008WB	HC1008WL	HC1008WC		
LAB FILE ID:	H110003	H110004	H110005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	H110001	H110001	H110001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.6	98	20.0	19.1	96	3	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 70CC1B
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	DW-70-FSB229-P13				
LAB SAMP ID:	1018-01	1018-01M	1018-01S		
LAB FILE ID:	H110024	H110027	H110028		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	09/01/10 10:10
DATE ANALYZED:	09/11/1011:47	09/11/1013:55	09/11/1015:01	DATE RECEIVED:	09/07/10
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	H110019	H110025	H110025		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	10.0	8.14	81	10.0	8.29	83	2	75-125	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1008WB	HC1008WL	HC1008WD		
LAB FILE ID:	H110003	H110004	H110005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	H110001	H110001	H110001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.7	94	20.0	18.2	91	3	90-110	20

EPAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: IW-70-FSB229-P13
LAB SAMP ID: 1018-01 1018-01M 1018-01S
LAB FILE ID: H110024 H110027 H110028
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/01/10 10:10
DATE ANALYZED: 09/11/1011:47 09/11/1013:55 09/11/1015:0 DATE RECEIVED: 09/01/10
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110019 H110025 H110025

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	10.0	8.15	82	10.0	8.47	85	4	75-125	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1008W6	HC1008WL	HC1008WC		
LAB FILE ID:	H110003	H110004	H110005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	H110001	H110001	H110001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	18.7	94	5	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: 14-70-FS8229-P13
LAB SAMP ID: 1018-01 1018-01M 1018-01S
LAB FILE ID: H110024 H110027 H110028
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/01/10 10:10
DATE ANALYZED: 09/11/1011:47 09/11/1013:55 09/11/1315:01 DATE RECEIVED: 09/01/10
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110019 H110025 H110025

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	10.0	8.87	89	10.0	8.87	89	0	75-125	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101018
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1008W6 HC1008WL HC1008WC
LAB FILE ID: HI10003 HI10004 HI10005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: HI10001 HI10001 HI10001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	19.7	98	20.0	19.3	96	2	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10IC1B
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: DW-70-FSB229-P13
LAB SAMP ID: I018-01 I018-01M I018-01S
LAB FILE ID: H110024 H110027 H110028
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/01/10 10:10
DATE ANALYZED: 09/11/1011:47 09/11/1013:55 09/11/1015:01 DATE RECEIVED: 09/01/10
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110019 H110025 H110025

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	10.0	7.98	80	10.0	8.27	83	4	75-125	20

INITIAL CALIBRATION

IC SEQ FORM/HG15

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HG15001	S-0	ABLPY	OA106G15	07/15/1017:49	1
HG15002	IB	ABLPY	OA106G15	07/15/1017:28	1
HG15003	S-1	ABLPY	OA106G15	07/15/1018:31	1
HG15004	S-2	ABLPY	OA106G15	07/15/1018:52	1
HG15005	S-3	ABLPY	OA106G15	07/15/1019:13	1
HG15006	S-4	ABLPY	OA106G15	07/15/1019:34	1
HG15007	S-5	ABLPY	OA106G15	07/15/1019:55	1
HG15008	ICV	ABLPY	OA106G15	07/15/1020:16	1
HG15009	ICB	ABLPY	OA106G15	07/15/1020:37	1
HG15010	CCV2	ABLPY	OA106G15	07/15/1020:58	1
HG15011	CCB2	ABLPY	OA106G15	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	OA106G15	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	OA106G15	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	OA106G15	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	OA106G15	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	OA106G15	07/15/1023:04	1
HG15017	CCV4	ABLPY	OA106G15	07/15/1023:25	1
HG15018	CCB4	ABLPY	OA106G15	07/15/1023:46	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.27	LACTATE	0LOff	5	0.9998	-0.002845	0.2895	0.0000
2	4.52	ACETATE	0LOff	5	0.9998	0.003842	0.3156	0.0000
3	5.10	PROPIONA	0LOff	5	0.9997	0.001196	0.1928	0.0000
4	6.14	BUTYRATE	0LOff	5	0.9998	0.001785	0.1314	0.0000
5	7.15	PYRUVATE	0LOff	5	0.9996	-0.001555	0.1842	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AS
07/16/10

SECOND SOURCE VERIFICATION

IC RESULT FORM CalVersion: 300M.G15/HG15

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DF
HG15001	S-0	ABLPY	ND	ND	ND	ND	ND	07/15/1017:49	1
HG15002	IB	ABLPY	ND	ND	ND	ND	ND	07/15/1017:28	1
HG15003	S-1	ABLPY	.098	.089	.108	.096	.102	07/15/1018:31	1
HG15004	S-2	ABLPY	.529	.508	.501	.55	.492	07/15/1018:52	1
HG15005	S-3	ABLPY	.983	1.03	.981	.975	1.013	07/15/1019:13	1
HG15006	S-4	ABLPY	2.006	1.993	1.981	2.003	1.963	07/15/1019:34	1
HG15007	S-5	ABLPY	2.997	2.994	3.018	3.001	3.021	07/15/1019:55	1
HG15008	ICV	ABLPY	99.2%	97.1%	102%	98.3%	105%	07/15/1020:16	1
HG15009	ICB	ABLPY	ND	ND	ND	ND	ND	07/15/1020:37	1
HG15010	CCV2	ABLPY	102%	100%	108%	101%	101%	07/15/1020:58	1
HG15011	CCB2	ABLPY	ND	ND	ND	ND	ND	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	ND	ND	ND	ND	ND	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	2	1.91	1.98	2	2	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	2	1.91	1.98	2	1.99	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	2.01	1.92	1.99	2.01	2	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	2.02	1.92	2	2.02	2	07/15/1023:04	1
HG15017	CCV4	ABLPY	102%	99.9%	108%	100%	99.4%	07/15/1023:25	1
HG15018	CCB4	ABLPY	ND	ND	ND	ND	ND	07/15/1023:46	1

Ag
7/16/10

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.G15/HG15 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI10001	CCV48	ABLPY	97.8%	92.7%	97.6%	97.3%	101%	09/10/1015:46	1
HI10002	CCB48	ABLPY	ND	ND	ND	ND	ND	09/10/1016:07	1
HI10003	HCI008WB	ABLPY	ND	ND	ND	ND	ND	09/10/1016:28	1
HI10004	HCI008WL	ABLPY	1.96	1.87	1.96	1.97	2.05	09/10/1016:49	1
HI10005	HCI008WC	ABLPY	1.91	1.82	1.87	1.93	1.97	09/10/1017:10	1
HI10006	H344-07	ABLPY	169	ND	ND	ND	ND	09/10/1017:42	100
HI10007	CCV50	ABLPY	97.9%	92.8%	97.7%	97.2%	101%	09/10/1019:25	1
HI10008	CCB50	ABLPY	ND	ND	ND	ND	ND	09/10/1019:46	1
HI10009	H661-08	**L*Y	144E	46.4E	ND	67.6E	1.45	09/10/1020:07	10
HI10010	H661-08	ABLPY	196	42.7	ND	68.5	ND	09/10/1021:13	100
HI10011	H661-08	ABLPY	194	41.3	ND	64.8	ND	09/10/1022:19	200
HI10012	I008-05	**L*Y	35.3E	3.3E	ND	49.9E	.127	09/10/1023:25	1
HI10013	I019-01	*BLPY	16.1E	1.18	ND	ND	ND	09/11/1000:30	1
HI10014	I019-02	ABLPY	ND	ND	ND	ND	ND	09/11/1001:36	1
HI10015	I019-03	ABLPY	ND	ND	ND	ND	ND	09/11/1002:42	1
HI10016	I019-04	ABLPY	ND	ND	ND	ND	ND	09/11/1003:48	1
HI10017	I043-01	ABLPY	ND	ND	ND	ND	ND	09/11/1004:54	1
HI10018	I043-02	ABLPY	1.19	ND	ND	ND	ND	09/11/1006:00	1
HI10019	CCV52	ABLPY	98.5%	93.4%	101%	97.5%	104%	09/11/1007:27	1
HI10020	CCB52	ABLPY	ND	ND	ND	ND	ND	09/11/1007:48	1
HI10021	I043-03	ABLPY	ND	ND	ND	ND	ND	09/11/1008:30	1
HI10022	I043-04	ABLPY	ND	ND	ND	ND	ND	09/11/1009:36	1
HI10023	I043-05	ABLPY	ND	ND	ND	ND	ND	09/11/1010:42	1
HI10024	I018-01	ABLPY	ND	ND	ND	ND	ND	09/11/1011:47	1
HI10025	CCV53	ABLPY	94.2%	90.6%	98.6%	92.6%	106%	09/11/1013:13	1
HI10026	CCB53	ABLPY	ND	ND	ND	ND	ND	09/11/1013:34	1
HI10027	I018-01M	ABLPY	.814	.815	.887	.798	.993	09/11/1013:55	1
HI10028	I018-01S	ABLPY	.829	.847	.887	.827	.996	09/11/1015:01	1
HI10029	HCI010WL	ABLPY	1.9	1.83	1.98	1.88	2.12	09/11/1016:07	1
HI10030	HCI010WC	ABLPY	1.92	1.86	2	1.9	2.13	09/11/1016:28	1
HI10031	HCI010WB	ABLPY	ND	ND	ND	ND	ND	09/11/1017:52	1
HI10032	CCV54	ABLPY	95.7%	97.6%	99.7%	95.6%	108%	09/11/1018:13	1
HI10033	CCB54	ABLPY	ND	ND	ND	ND	ND	09/11/1019:16	1
HI10034	H632-01	ABLPY	ND	ND	ND	ND	ND	09/11/1019:37	1
HI10035	H632-02	**LPY	8.47E	5.78E	ND	2.54	.114	09/11/1020:43	1
HI10036	H632-03	**L**	50.9E	46.5E	ND	32.3E	3.41E	09/11/1021:49	1
HI10037	H632-03M	**L**	50.8E	46.3E	ND	32.3E	4.26E	09/11/1022:54	1
HI10038	H632-03S	**L**	50.9E	46.4E	ND	32.3E	4.37E	09/12/1000:00	1
HI10039	H632-04	**L**	122E	62.2E	ND	46.7E	5.05E	09/12/1001:06	1
HI10040	H632-05	ABLPY	ND	ND	ND	.41	ND	09/12/1002:12	1
HI10041	H632-06	ABLPY	ND	ND	ND	ND	ND	09/12/1003:18	1
HI10042	H632-07	*BL*Y	40.6E	ND	ND	53.6E	ND	09/12/1004:24	1
HI10043	H632-08	ABLPY	ND	ND	ND	ND	ND	09/12/1005:30	1
HI10044	CCV56	ABLPY	97.2%	99.3%	101%	97%	108%	09/12/1006:57	1
HI10045	CCB56	ABLPY	ND	ND	ND	ND	ND	09/12/1007:39	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG *for* ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH: SW9A - 02 013

HCT008W: H344, H661, T008, T019, T043 & T018

HCT010W: H630.

* Sequence run got interrupted due to no eluent. @ H310.049 (51) a.k. 09/10/10
H310.046 -- H310.049 (51) : Re-run all samples. a.k. 09/10/10

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H310
Method File:	OA106G15.met
Analytical Batch:	HCT008W & HCT010W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX	

STANDARDS ID		
ICAL	SW 12A - 02 - 201	
ICV		200
CCV		213
LCS		214
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: a.k.

Date: 09/10/10 – 09/11/10

Sequence: HI10
Operator: crradmin

Printed 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3091_local
Location: Organic Acid/2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by crradmin
Last Update: 9/13/2010 10:43:23 AM by crradmin

No	Sequence	Sample ID	Name	Type	Pos	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI10		IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000
2	HI10		S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000
3	HI10		S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000
4	HI10		S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000
5	HI10		S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000
6	HI10		S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000
7	HI10		S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000
8	HI10		ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000
9	HI10		ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000
10	HI10	001	CCV48	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 3:48:14 PM	1.0000
11	HI10	002	CCB48	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 4:07:12 PM	1.0000
12	HI10	003	HCI008WB	Unknown	93	25.0	ORG	OA106G15	Finished	9/10/2010 4:28:11 PM	1.0000
13	HI10	004	HCI008WL	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 4:49:10 PM	1.0000
14	HI10	005	HCI008WC	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 5:10:09 PM	1.0000
15	HI10	006	H344-07	Unknown	61	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 5:42:16 PM	100.0000
16	HI10	007	CCV50	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 7:25:26 PM	1.0000
17	HI10	008	CCB50	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 7:46:25 PM	1.0000
18	HI10	009	H661-08	Unknown	62	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 8:07:24 PM	10.0000
19	HI10	010	H661-08	Unknown	63	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 9:13:17 PM	100.0000
20	HI10	011	H661-08	Unknown	64	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 10:19:11 PM	200.0000
21	HI10	012	I008-05	Unknown	1	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 11:25:04 PM	1.0000
22	HI10	013	I019-01	Unknown	2	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 12:30:58 AM	1.0000
23	HI10	014	I019-02	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:36:51 AM	1.0000
24	HI10	015	I019-03	Unknown	4	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 2:42:45 AM	1.0000
25	HI10	016	I019-04	Unknown	5	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:48:38 AM	1.0000
26	HI10	017	I043-01	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 4:54:32 AM	1.0000
27	HI10	018	I043-02	Unknown	7	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 6:00:25 AM	1.0000

FINAL

Sequence: HI10
Operator: cmadmin
Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
1	HI10	
2	HI10	
3	HI10	
4	HI10	
5	HI10	
6	HI10	
7	HI10	
8	HI10	
9	HI10	
10	HI10	
11	HI10	
12	HI10	
13	HI10	
14	HI10	
15	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI10	
17	HI10	
18	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS2
20	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI10	
22	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI10
Operator: cmadmin

Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2C10
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI10	019	CCV52	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 7:27:18 AM	1.0000
29	HI10	020	CCB52	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 7:48:17 AM	1.0000
30	HI10	021	I043-03	Unknown	8	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:30:14 AM	1.0000
31	HI10	022	I043-04	Unknown	9	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:36:08 AM	1.0000
32	HI10	023	I043-05	Unknown	10	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:42:01 AM	1.0000
33	HI10	024	I018-01	Unknown	11	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 11:47:55 AM	1.0000
34	HI10	025	CCV53	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 1:13:44 PM	1.0000
35	HI10	026	CCB53	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 1:34:43 PM	1.0000
36	HI10	027	I018-01M	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:55:41 PM	1.0000
37	HI10	028	I018-01S	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:01:35 PM	1.0000
38	HI10	029	HCI010WL	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:07:29 PM	1.0000
39	HI10	030	HCI010WC	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:28:27 PM	1.0000
40	HI10	031	HCI010WB	Unknown	96	25.0	ORG	OA106G15	Finished	9/11/2010 5:52:22 PM	1.0000
41	HI10	032	CCV54	Unknown	97	25.0	ORG	OA106G15	Finished	9/11/2010 6:13:21 PM	1.0000
42	HI10	033	CCB54	Unknown	98	25.0	ORG	OA106G15	Finished	9/11/2010 7:16:18 PM	1.0000
43	HI10	034	H632-01	Unknown	13	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 7:37:17 PM	1.0000
44	HI10	035	H632-02	Unknown	14	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:43:10 PM	1.0000
45	HI10	036	H632-03	Unknown	15	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:49:04 PM	1.0000
46	HI10	037	H632-03M	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:54:57 PM	1.0000
47	HI10	038	H632-03S	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 12:00:51 AM	1.0000
48	HI10	039	H632-04	Unknown	17	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 1:06:45 AM	1.0000
49	HI10	040	H632-05	Unknown	18	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 2:12:38 AM	1.0000
50	HI10	041	H632-06	Unknown	19	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 3:18:32 AM	1.0000
51	HI10	042	H632-07	Unknown	20	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 4:24:25 AM	1.0000
52	HI10	043	H632-08	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 5:30:19 AM	1.0000
53	HI10	044	CCV56	Unknown	97	25.0	ORG	OA106G15	Finished	9/12/2010 6:57:11 AM	1.0000
54	HI10	045	CCB56	Unknown	98	25.0	ORG	OA106G15	Finished	9/12/2010 7:39:09 AM	1.0000

FINAL

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 53

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Comment
28	HI1C	
29	HI1C	
30	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI1C	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI1C	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
36	HI1C	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI1C	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI10	
39	HI10	
40	HI10	
41	HI10	
42	HI10	
43	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
44	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
45	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
46	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
47	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
48	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
49	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
50	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI10	
54	HI10	

FINAL

Sequence: HI10
Operator: cmadmin
Printed: 9/13/2010 11:51:07 AM

Title: Temporary sequence for manual data acquisition
Datasource: D3933Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI10	046	H632-10	Unknown	22	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 8:00:08 AM	1.0000
56	HI10	047	H632-11	Unknown	23	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 9:06:01 AM	1.0000
57	HI10	048	H632-12	Unknown	24	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 10:11:56 AM	1.0000
58	HI10	049	H632-13	Unknown	25	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 11:17:50 AM	1.0000
59	HI10	050	H632-14	Unknown	26	25.0	ORG-SAMPLE	OA106G15	Interrupted	9/12/2010 12:17:51 PM	1.0000
60	HI10	051	H632-15	Unknown	27	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
61	HI10	052	H632-16	Unknown	28	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
62	HI10	053	CCV58	Unknown	97	25.0	ORG	OA106G15	Single		1.0000
63	HI10	054	CCB58	Unknown	98	25.0	ORG	OA106G15	Single		1.0000

FINAL

Sequence HI10
Operator cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
55	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
57	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
59	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
60	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
61	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
62	HI10	
63	HI10	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Not SW846-03-013

ICAL 5.0 0 ppm ICV: 2.0 ppm

[illegible] ppm

[illegible] 1.5

2.5 1.0 ppm

5.0 2.0 ppm

5.5 3.0 ppm

Analyst HLS

Book #: A106-007

Instrument No.: 106

Analytical Sequence: 1615

Method File: 04106615

Analytical Batch: HG0071W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX 7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW124-02-201
ICV	SW124-02-200
CCV	SW124-02-148
LCS	SW124-02-194
MS	—

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 7/15/10

Sequence HG15
Operator cmadmin

Printed 7/16/2010 9:56:58 AM

Title Temporary sequence for manual data acquisition
Datasource D39B3C91_local
Location Organic Acid\2010
Timebase TCS1000
#Samples 18

Created: 7/15/2010 4:12:03 PM by cmadmin
Last Update: 7/16/2010 9:56:52 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj Vol	Program	Method	Status	Inj. Date/Time	Dil Factor	Comment
1	HG15	002	IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000	
2	HG15	001	S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000	
3	HG15	003	S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000	
4	HG15	004	S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000	
5	HG15	005	S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000	
6	HG15	006	S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000	
7	HG15	007	S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000	
8	HG15	008	ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000	
9	HG15	009	ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000	
10	HG15	010	CCV2	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 8:58:22 PM	1.0000	
11	HG15	011	CCB2	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 9:19:20 PM	1.0000	
12	HG15	012	HCG002WB	Unknown	33	25.0	ORG	OA106G15	Finished	7/15/2010 9:40:19 PM	1.0000	
13	HG15	013	HCG002WL	Unknown	34	25.0	ORG	OA106G15	Finished	7/15/2010 10:01:18 PM	1.0000	
14	HG15	014	HCG002WC	Unknown	35	25.0	ORG	OA106G15	Finished	7/15/2010 10:22:16 PM	1.0000	
15	HG15	015	HCG004WL	Unknown	36	25.0	ORG	OA106G15	Finished	7/15/2010 10:43:15 PM	1.0000	
16	HG15	016	HCG004WC	Unknown	37	25.0	ORG	OA106G15	Finished	7/15/2010 11:04:14 PM	1.0000	
17	HG15	017	CCV4	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 11:25:13 PM	1.0000	
18	HG15	018	CCB4	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 11:46:11 PM	1.0000	

FINAL

TABLE OF CONTENTS

CLIENT: INSIGHT EEC, INC.

PROJECT: NWS SEAL BEACH, IR SITE 70.

SDG: 10I019

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Cover Letter, COC/Sample Receipt Form		1000 – 1004
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GC-VOA	METHOD RSK-175	4000 – 4031
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	METHOD 3010A/6010B	7000 – 7071
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** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618 0818

Date: 09-27-2010
EMAX Batch No.: 101019

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave,
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/01/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW 70 FSB216 A10	1019-01	09/01/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW08A-A10	1019-02	09/01/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW08B-A10	1019-03	09/01/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP

Sample ID	Control #	Col Date	Matrix	Analysis
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW0BB-A10-0	I019-04	09/01/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-09/01/10	I019-05	09/01/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS_0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. * 10 I019

PROJECT CODE: 4-14114

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (714) 678-6700 FAX: (714) 678-6711 EMAIL: NWEINBERGER@IEEC.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT EEC, INC.
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes TP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: VOCs (8260B); DISS GASES (RSK 175); ANIONS/TDS/ALKALINITY/VFA (300.0, 2320B, 375.4, 310.1); TOC (5310B); DISS H_2S (4500); DISS METALS (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE HC	HC	HN	HC	HN	HN		COMMENTS
1	IW-70-FSB216-A10	IR 70	9/01/10	1105	8	various	various	GW	III	X	X	X	X				EFFLUENT WELL
2	MW-70-PMW08A-A10	↓	↓	1158	10	various	various	GW	III	X	X	X	X	X	X		
3	MW-70-PMW08B-A10	↓	↓	1245	10	various	various	GW	III	X	X	X	X	X	X		
4	MW-70-PMW08B-A10-D	IR 70	9/01/10	1250	10	various	various	GW	III	X	X	X	X	X	X		DUPLICATE
5	TB-09/01/10	IR 70	9/01/10	0700	2	40ml	VOA	GW	III	X							TRIP BLANK
6																	
7																	
8																	
9																	
10																	

Instructions

Cooler #	Temp (°C)
1	2.5

Sample #s

SAMPLER: CHASE BROGDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	09/01/10	1400	Keith Stout
Keith Stout	9/1/10	1428	[signature]

NOTICE: Turn around time (TAT) for samples will begin only as discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs. TAT will start at 0700 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	ECN 10 I 019
☑ EMAX Courier	SGC Cour	Recipient I. PATEL
☐ Client Delivery		Date 9-1-10
☐ Third Party		Time 1428

COC Inspection

☑ Client Name ☑ Client PM/FC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ Tel # / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ TAT
Safety Issues ☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments.

Packaging Inspection

Container ☑ Cooler ☐ Box ☐ Other
Condition ☐ Custody Seal ☑ Intact ☐ Damaged
Packaging ☑ Bubble Pack ☐ Styrofoam ☐ Popcorn ☐ Insufficient ☑ plastic bag
Temperatures (Cool, 0-6 °C but not frozen) ☑ Cooler 1 7.5 °C ☐ Cooler 2 °C ☐ Cooler 3 °C ☐ Cooler 4 °C ☐ Cooler 5 °C
☐ Cooler 6 °C ☐ Cooler 7 °C ☐ Cooler 8 °C ☐ Cooler 9 °C ☐ Cooler 10 °C

Comments ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling [signature] Date 9-1-10

SRF [signature] Date 9/1/10

PM LP for Ye Date 9/2/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble is > 6mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I019

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of five (5) water samples were received on 09/01/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO05I11L/C were all within QC limits.
Percent recoveries for VO05I12L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to some analytes in sample I019-01 because of improper integration. Hence, the original chromatogram was retained with the initialed and dated corrected chromatogram. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT ESC, INC. SDG NO. : 1019
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V0051118	1	NA	09/07/1023:02	09/07/1023:02	R10225	RHQ642	V005111	Method Blank
LCS1W	V0051111L	1	NA	09/07/1021:32	09/07/1021:32	R10222	RHQ642	V005111	Lab Control Sample (LCS)
LCD1W	V0051110	1	NA	09/07/1022:02	09/07/1022:02	R10223	RHQ642	V005111	LCS Duplicate
TB-09/01/10	1019-05	1	NA	09/08/1000:02	09/08/1000:02	R10227	RHQ642	V005111	Field Sample
IW-70-FS8216-A10	1019-01	1	NA	09/08/1001:03	09/08/1001:03	R10229	RHQ642	V005111	Field Sample
MW-70-PMW08A-A10	1019-02	1	NA	09/08/1001:33	09/08/1001:33	R10230	RHQ642	V005111	Field Sample
MW-70-PMW08B-A10	1019-03	1	NA	09/08/1002:03	09/08/1002:03	R10231	RHQ642	V005111	Field Sample
MW-70-PMW08B-A10-D	1019-04	1	NA	09/08/1002:32	09/08/1002:32	R10232	RHQ642	V005111	Field Sample
MBLK2W	V0051128	1	NA	09/08/1015:43	09/08/1015:43	R10243	RHQ642	V005112	Method Blank
LCS2W	V0051121L	1	NA	09/08/1014:14	09/08/1014:14	R10240	RHQ642	V005112	Lab Control Sample (LCS)
LCD2W	V0051120	1	NA	09/08/1014:44	09/08/1014:44	R10241	RHQ642	V005112	LCS Duplicate
IW-70-FS8216-A10DL	1019-01T	25	NA	09/08/1017:11	09/08/1017:11	R10246	RHQ642	V005112	Diluted Sample
MW-70-PMW08A-A10DL	1019-02T	10	NA	09/08/1017:42	09/08/1017:42	R10247	RHQ642	V005112	Diluted Sample
MW-70-PMW08B-A10DL	1019-03T	50	NA	09/08/1018:12	09/08/1018:12	R10248	RHQ642	V005112	Diluted Sample
MW-70-PMW08B-A10-DDL	1019-04T	50	NA	09/08/1018:42	09/08/1018:42	R10249	RHQ642	V005112	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 10I019	Date Extracted:	09/08/10 01:03
Sample ID:	IW-70-FSB216-A10	Date Analyzed:	09/08/10 01:03
Lab Samp ID:	I019-01	Dilution Factor:	1
Lab File ID:	RIQ229	Matrix	: WATER
Ext Btch ID:	VO05I11	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	120	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	6.3J	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	6.9J	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	630E	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.73J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	0.27J	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.2	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.51J	1.0	0.20
TRICHLOROETHENE	0.91J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	12	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	118	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 10I019	Date Extracted:	09/08/10 17:11
Sample ID:	IW-70-FS8216-A10DL	Date Analyzed:	09/08/10 17:11
Lab Samp ID:	1019-01T	Dilution Factor:	25
Lab File ID:	R10246	Matrix	: WATER
Ext.Btch ID:	V005I12	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	ND	25	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	25	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	5.0
1,2,3-TRICHLOROPROPANE	ND	25	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	450	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3-DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	ND	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS-1,2-DICHLOROETHENE	ND	25	5.0
TRICHLOROETHENE	ND	150	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	9.7J	12	5.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 01:33
Sample ID:	MW-70-PMW08A-A10	Date Analyzed:	09/08/10 01:33
Lab Samp ID:	1019-02	Dilution Factor:	1
Lab File ID:	R10230	Matrix	: WATER
Ext Btch ID:	V005111	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.29J	1.0	0.20
1,1-DICHLOROETHENE	0.63	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.30
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.30
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.30
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	160E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.0	1.0	0.20
TRICHLOROETHENE	0.73J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	20	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 10I019	Date Extracted:	09/08/10 17:42
Sample ID:	MW-70-PMW08A-A10DL	Date Analyzed:	09/08/10 17:42
Lab Samp ID:	I019-02T	Dilution Factor:	10
Lab File ID:	R10247	Matrix	: WATER
Ext Btch ID:	VQ05112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,1,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2-TRICHLOROETHANE	ND	10	2.0
FREON113	ND	10	2.0
1,1-DICHLOROETHANE	ND	10	2.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	10	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	2.0
1,2-DIBROMOETHANE	ND	10	2.0
1,2-DICHLOROBENZENE	ND	10	2.0
1,2-DICHLOROETHANE	ND	5.0	2.0
1,2-DICHLOROPROPANE	ND	10	2.0
1,2,3-TRICHLOROBENZENE	ND	10	2.0
1,2,3-TRICHLOROPROPANE	ND	10	2.0
1,2,4-TRICHLOROBENZENE	ND	10	2.0
1,2,4-TRIMETHYLBENZENE	ND	10	2.0
1,3-DICHLOROBENZENE	ND	10	2.0
1,3,5-TRIMETHYLBENZENE	ND	10	2.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	2.0
4-CHLOROTOLUENE	ND	10	2.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	2.0
P-ISOPROPYLTOLUENE	ND	10	2.0
SEC-BUTYLBENZENE	ND	10	2.0
TERT-BUTYLBENZENE	ND	10	2.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	2.0
BROMODICHLOROMETHANE	ND	10	2.0
CIS-1,3-DICHLOROPROPENE	ND	10	2.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	2.0
BROMOFORM	ND	10	2.0
CARBON DISULFIDE	ND	10	2.0
CARBON TETRACHLORIDE	ND	5.0	2.0
CHLOROBENZENE	ND	10	2.0
CHLOROETHANE	ND	20	2.0
CHLOROFORM	ND	10	2.0
CHLOROMETHANE	ND	20	2.0
CIS-1,2-DICHLOROETHENE	170	10	2.0
DICHLORODIFLUOROMETHANE	ND	20	2.0
DIBROMOCHLOROMETHANE	ND	10	2.0
DIBROMOMETHANE	ND	10	2.0
ETHYLBENZENE	ND	10	2.0
HEXACHLOROBUTADIENE	ND	10	2.0
ISOPROPYL BENZENE	ND	10	2.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	10	2.0
STYRENE	ND	10	2.0
TETRACHLOROETHYLENE	ND	10	2.0
TOLUENE	ND	10	2.0
TRANS-1,2-DICHLOROETHENE	ND	10	2.0
TRICHLOROETHENE	ND	50	2.0
TRICHLOROFLUOROMETHANE	ND	20	2.0
VINYL CHLORIDE	21	5.0	2.0
XYLENES (TOTAL)	ND	20	2.0
M/P-XYLENES	ND	10	2.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 02:03
Sample ID:	MW-70-PMW08B-A10	Date Analyzed:	09/08/10 02:05
Lab Samp ID:	1019-03	Dilution Factor:	1
Lab File ID:	RIQ231	Matrix	: WATER
Ext Btch ID:	V005111	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.53J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	0.80J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	12	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.50
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	4.8	1.0	0.20
TRICHLOROETHENE	2.3J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	170E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 18:12
Sample ID:	MW-70-PMW080-A10DL	Date Analyzed:	09/08/10 18:12
Lab Samp ID:	1019-03T	Dilution Factor:	50
Lab File ID:	R10248	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	12J	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	330	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 10I019	Date Extracted:	09/08/10 02:32
Sample ID:	MW-70-PMW08B-A10-D	Date Analyzed:	09/08/10 02:32
Lab Samp ID:	I019-04	Dilution Factor:	1
Lab File ID:	RIQ232	Matrix	: WATER
Ext Btch ID:	VO05I11	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.50J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.77J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	13	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	6.5	1.0	0.20
TRICHLOROETHENE	2.3J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	180E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 18:42
Sample ID:	MW-70-PMW08B-A10-DDL	Date Analyzed:	09/08/10 18:42
Lab Samp ID:	1019-04T	Dilution Factor:	50
Lab File ID:	R1QZ49	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	13J	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	330	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 10I019	Date Extracted:	09/08/10 00:02
Sample ID:	TB-09/01/10	Date Analyzed:	09/08/10 00:02
Lab Samp ID:	I019-05	Dilution Factor:	1
Lab File ID:	RIQ227	Matrix	: WATER
Ext Btch ID:	VO05I11	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	104	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101019	Date Extracted:	09/07/10 23:02
Sample ID:	MBLK1W	Date Analyzed:	09/07/10 23:02
Lab Samp ID:	V005I11B	Dilution Factor:	1
Lab File ID:	RIQ225	Matrix	: WATER
Ext Btch ID:	V005I11	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005111B	V005111L	V005111C		
LAB FILE ID:	R1Q225	R1Q222	R1Q223		
DATE EXTRACTED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE RECEIVED:	09/07/10
PREP. BATCH:	V005J11	V005J11	V005J11		
CALIB. REF:	RHQ642	RHQ642	RHQ642		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.20	82	10.0	7.88	79	4	60-130	30
Benzene	ND	10.0	8.70	87	10.0	8.41	84	3	70-130	30
Chlorobenzene	ND	10.0	9.68	97	10.0	9.37	94	3	70-120	30
Toluene	ND	10.0	9.04	90	10.0	8.69	87	4	70-130	30
Trichloroethene	ND	10.0	8.45	84	10.0	8.26	83	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.81	98	10.0	9.54	95	70-140
4-Bromofluorobenzene	10.0	10.5	105	10.0	10.6	106	70-130
Toluene-d8	10.0	10.5	105	10.0	10.4	104	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 10I019	Date Extracted: 09/08/10 15:43
Sample ID: MBLK2W	Date Analyzed: 09/08/10 15:43
Lab Samp ID: V005I12B	Dilution Factor: 1
Lab File ID: RIQ243	Matrix : WATER
Ext Btch ID: V005I12	% Moisture : NA
Calib. Ref.: RHQ642	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	104	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V005112B	V005112L	V005112C		
LAB FILE ID:	RI0243	RI0240	RI0241		
DATE EXTRACTED:	09/08/1015:43	09/08/1014:14	09/08/1014:44	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1015:43	09/08/1014:14	09/08/1014:44	DATE RECEIVED:	09/08/10
PREP. BATCH:	V005112	V005112	V005112		
CALIB. REF:	RH0642	RH0642	RH0642		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.12	81	10.0	7.99	80	2	60-130	30
Benzene	ND	10.0	8.46	85	10.0	8.59	86	1	70-130	30
Chlorobenzene	ND	10.0	9.47	95	10.0	9.54	95	1	70-130	30
Toluene	ND	10.0	8.84	89	10.0	8.97	90	1	70-130	30
Trichloroethene	ND	10.0	8.29	83	10.0	8.35	83	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.55	95	10.0	10.1	101	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.2	102	70-130
Toluene-d8	10.0	10.5	105	10.0	10.6	106	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ636
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101019
BFB Injection Date : 08/20/10
BFB Injection Time : 17:10
Heated Purge: (Y/N) N

m/o	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.49
75	30.0 - 60.0% of mass 95	42.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.90
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	74.45
175	5.0 - 9.0% of mass 174	5.40(7.3)1
176	95.0 - 101.0% of mass 174	71.18(95.6)1
177	5.0 - 9.0% of mass 176	4.81(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V005H201	RHQ637	08/20/10	17:43
2	VSTD0.5	V005H202	RHQ638	08/20/10	18:13
3	VSTD01	V005H203	RHQ639	08/20/10	18:43
4	VSTD02	V005H204	RHQ640	08/20/10	19:14
5	VSTD05	V005H205	RHQ641	08/20/10	19:43
6	VSTD010	V005H206	RHQ642	08/20/10	20:13
7	VSTD020	V005H207	RHQ643	08/20/10	20:43
8	VSTD030	V005H208	RHQ644	08/20/10	21:13
9	VSTD040	V005H209	RHQ645	08/20/10	21:42
10	VSTD050	V005H2010	RHQ646	08/20/10	22:12
11	VSTD100	V005H2011	RHQ647	08/20/10	22:41

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RH0652
Instrument ID: 1005
GC Column:RTX502.21D:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101019
BFB Injection Date : 08/21/10
BFB Injection Time : 08:48
Heated Purge: (Y/N) N

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.44
75	30.0 - 60.0% of mass 95	44.56
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.09
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	71.79
175	5.0 - 9.0% of mass 174	5.44(7.6)1
176	95.0 - 101.0% of mass 174	71.48(99.6)1
177	5.0 - 9.0% of mass 176	4.77(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VST0010	IV005H2002	RH0653	08/21/10	09:17

FORM V VOA DLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T005
Beginning DateTime :08/20/10 17:43
Spike Units :PPB
IC File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/20/10 22:41
HPChem Method :VC05M20

	M	IDX	Parameters	.5 17:43 RHQ637	.5 18:13 RHQ638	1 18:43 RHQ639	2 19:14 RHQ640	5 19:43 RHQ641	10 20:13 RHQ642	20 20:43 RHQ643	30 21:13 RHQ644	40 21:42 RHQ645	50 22:12 RHQ646	100 22:41 RHQ647	Av_RRF	%_RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1948
		2	Dichlorodifluoromethane	0.301	0.355	0.287	0.358	0.367	0.362	0.371	0.403	0.378	0.405	0.386	0.361	10.32	2.0234
		3	Chloroethane	0.351	0.475	0.397	0.481	0.508	0.486	0.489	0.545	0.501	0.553	0.557	0.486	13.02	2.2995
		4	Vinyl chloride	0.292	0.408	0.338	0.404	0.416	0.369	0.349	0.373	0.340	0.375	0.340	0.364	10.19	2.4281
		5	Bromomethane	0.268	0.275	0.229	0.234	0.253	0.262	0.281	0.321	0.297	0.344	0.339	0.282	13.96	2.9574
		6	Chloroethane	0.229	0.307	0.256	0.307	0.317	0.315	0.318	0.343	0.325	0.351	0.331	0.309	11.69	3.0549
		7	Dichlorofluoromethane	0.743	0.727	0.773	0.777	0.836	0.808	0.821	0.870	0.841	0.878	0.884	0.814	6.60	3.1036
		8	Trichlorofluoromethane	0.352	0.453	0.370	0.471	0.495	0.483	0.488	0.525	0.500	0.530	0.528	0.472	12.72	3.3784
		9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
S	10		Acrolein	------	0.013	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.012	5.74	3.8705
		11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.177	0.179	0.190	0.188	0.214	0.207	0.213	0.219	0.214	0.219	0.213	0.203	8.01	3.9294
S	12		Acetone	------	0.044	0.034	0.033	0.033	0.032	0.033	0.033	0.034	0.036	0.036	0.035	9.97	3.9479
		13	1,1-Dichloroethene	0.453	0.451	0.471	0.470	0.513	0.501	0.504	0.522	0.511	0.526	0.525	0.495	5.81	4.1243
S	14		tert-Butyl alcohol	------	------	0.009	0.011	0.013	0.012	0.011	0.013	0.012	0.013	0.013	0.012	11.33	4.2185
		15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		16	Iodomethane	------	------	0.138	0.238	0.345	0.371	0.415	0.446	0.436	0.458	0.410	0.362	29.80	4.5047
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Methylene chloride	0.470	0.439	0.412	0.405	0.401	0.383	0.393	0.407	0.389	0.404	0.400	0.409	6.06	4.7158
		19	Carbon disulfide	------	1.117	1.069	1.338	1.375	1.283	1.333	1.460	1.416	1.561	1.501	1.345	11.69	4.7445
S	20		Acrylonitrile	0.044	0.038	0.042	0.047	0.048	0.048	0.051	0.051	0.052	0.056	0.057	0.049	11.67	4.8539
		21	tert-Butyl methyl ether (MTBE)	0.537	0.468	0.459	0.513	0.544	0.516	0.528	0.536	0.528	0.552	0.541	0.520	5.83	4.9311
		22	trans-1,2-Dichloroethene	0.447	0.458	0.476	0.475	0.517	0.501	0.504	0.520	0.514	0.526	0.512	0.495	5.41	5.1057
		23	Isopropyl ether (DIPE)	1.024	0.943	0.933	0.985	1.060	1.016	1.026	1.054	1.042	1.076	1.063	1.020	4.71	5.5213
		24	Vinyl acetate	------	0.275	0.226	0.339	0.364	0.356	0.337	0.355	0.335	0.362	0.340	0.329	13.46	5.6409
		25	1,1-Dichloroethane	0.500	0.499	0.534	0.539	0.571	0.572	0.561	0.598	0.586	0.599	0.591	0.559	6.51	5.6513
S	26		2-Butanol	------	------	------	0.009	0.009	0.009	0.009	0.011	0.010	0.012	0.011	0.010	11.51	5.9399
		27	tert-Butyl ethyl ether (ETBE)	0.693	0.659	0.700	0.776	0.818	0.791	0.798	0.823	0.801	0.834	0.836	0.776	8.00	6.0560
S	28		2-Butanone	0.058	0.046	0.050	0.056	0.058	0.057	0.058	0.058	0.059	0.064	0.065	0.057	9.58	6.1900
		29	2,2-Dichloropropane	0.409	0.389	0.426	0.415	0.446	0.428	0.414	0.425	0.412	0.416	0.406	0.417	3.49	6.3972
		30	cis-1,2-Dichloroethene	0.301	0.302	0.320	0.323	0.349	0.337	0.342	0.355	0.345	0.359	0.354	0.335	6.17	6.4499
		31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		32	Chloroform	0.455	0.460	0.467	0.470	0.511	0.495	0.499	0.522	0.510	0.527	0.520	0.494	5.37	6.6638
		33	Bromochloromethane	0.188	0.172	0.182	0.206	0.215	0.204	0.211	0.218	0.211	0.216	0.209	0.203	7.55	6.8736
		34	Dibromofluoromethane	------	------	------	0.303	0.323	0.304	0.319	0.337	0.325	0.350	0.332	0.324	5.01	6.9487
		35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		36	1,1,1-Trichloroethane	0.380	0.410	0.422	0.420	0.460	0.438	0.443	0.457	0.447	0.458	0.450	0.435	5.69	7.2161
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	0.097	0.100	0.100	0.116	0.126	0.124	0.126	0.132	0.126	0.132	0.129	0.119	11.32	7.6073
		39	1,2-Dichloroethane-d4	------	------	------	0.210	0.221	0.208	0.217	0.227	0.218	0.236	0.224	0.220	4.17	7.6337
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.9206
		41	1,1-Dichloropropene	0.190	0.187	0.196	0.196	0.213	0.206	0.202	0.212	0.202	0.204	0.198	0.200	4.14	7.4395
		42	Carbon tetrachloride	0.429	0.445	0.449	0.462	0.488	0.473	0.469	0.491	0.464	0.472	0.460	0.464	3.90	7.5762
		43	1,2-Dichloroethane	0.275	0.282	0.287	0.302	0.321	0.310	0.306	0.318	0.300	0.306	0.303	0.301	4.72	7.7657
		44	Benzene	1.652	1.612	1.487	1.448	1.513	1.465	1.439	1.509	1.455	1.477	1.463	1.502	4.59	7.7996
		45	Trichloroethene	0.375	0.399	0.425	0.413	0.448	0.442	0.433	0.451	0.435	0.444	0.435	0.427	5.46	8.6795
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	0.339	0.324	0.327	0.330	0.354	0.345	0.341	0.356	0.343	0.352	0.347	0.342	3.18	8.9258
		48	Bromodichloromethane	0.386	0.362	0.391	0.393	0.419	0.413	0.412	0.438	0.412	0.430	0.433	0.408	5.63	9.2629
	20	49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.20	9.2846
		50	Dibromomethane	0.129	0.140	0.132	0.145	0.154	0.149	0.156	0.162	0.153	0.158	0.158	0.149	7.39	9.3360
		51	2-Chloroethyl vinyl ether	------	------	0.077	0.083	0.101	0.095	0.101	0.111	0.102	0.114	0.114	0.100	13.07	9.7247
S	52		4-Methyl-2-pentanone	0.151	0.149	0.156	0.167	0.175	0.174	0.177	0.177	0.176	0.190	0.187	0.171	7.96	9.7773
		53	cis-1,3-Dichloropropene	0.441	0.441	0.454	0.470	0.512	0.504	0.493	0.518	0.491	0.510	0.514	0.486	6.08	10.0900
		54	Toluene-d8	------	------	------	1.140	1.221	1.165	1.200	1.316	1.236	1.337	1.267	1.235	5.59	10.4797
		55	Toluene	1.302	1.315	1.352	1.325	1.449	1.402	1.409	1.509	1.438	1.494	1.500	1.409	5.45	10.6044
		56	Ethyl methacrylate	0.241	0.240	0.232	0.254	0.272	0.264	0.266	0.281	0.263	0.279	0.274	0.261	6.38	10.8711
		57	trans-1,3-Dichloropropene	0.314	0.297	0.308	0.335	0.371	0.366	0.363	0.384	0.361	0.382	0.381	0.351	9.08	10.8697
		58	1,1,2-Trichloroethane	0.188	0.183	0.178	0.187	0.203	0.195	0.195	0.208	0.196	0.205	0.205	0.195	5.14	11.1188
S	59		2-Hexanone	0.099	0.084	0.084	0.100	0.107	0.106	0.109	0.110	0.111	0.118	0.114	0.104	10.70	11.1445
		60	1,3-Dichloropropane	0.316	0.304	0.311	0.349	0.362	0.354	0.354	0.374	0.355	0.375	0.372	0.348	7.45	11.5222
		61	Tetrachloroethene	0.275	0.273	0.272	0.277	0.304	0.295	0.294	0.314	0.298	0.309	0.305	0.292	5.25	11.6549
		62	Dibromochloromethane	0.219	0.224	0.238	0.258	0.281	0.277	0.284	0.305	0.286	0.302	0.302	0.271	11.54	11.9446
		63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

	64	1,2-Dibromoethane	0.181	0.179	0.189	0.197	0.217	0.212	0.213	0.230	0.214	0.225	0.222	0.207	8.54	12.2776
	65	1-Chlorohexane	0.606	0.597	0.559	0.575	0.662	0.652	0.652	0.690	0.664	0.680	0.669	0.637	7.04	12.5930
	66	Chlorobenzene	0.861	0.860	0.875	0.865	0.955	0.938	0.928	0.992	0.952	0.984	0.969	0.925	5.52	12.9896
	67	1,1,1,2-Tetrachloroethane	0.275	0.274	0.284	0.285	0.318	0.313	0.315	0.338	0.323	0.337	0.327	0.308	7.87	13.0641
	68	Ethylbenzene	1.444	1.530	1.527	1.527	1.685	1.667	1.679	1.769	1.721	1.747	1.686	1.635	6.61	13.0898
2	69	m-Xylene & p-Xylene	1.125	1.125	1.162	1.159	1.269	1.258	1.262	1.343	1.287	1.313	------	1.230	6.52	13.2231
	70	o-Xylene	1.057	1.097	1.130	1.128	1.246	1.231	1.218	1.287	1.243	1.267	1.240	1.195	6.47	13.9626
	71	Styrene	0.808	0.843	0.858	0.886	1.015	0.994	0.983	1.050	1.011	1.026	1.015	0.954	9.08	14.0167
	72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7774
	73	Bromoform	0.384	0.334	0.361	0.392	0.446	0.443	0.454	0.499	0.473	0.487	0.468	0.431	12.64	14.5677
	74	Isopropylbenzene	4.830	5.002	4.969	4.975	5.573	5.433	5.461	5.957	5.637	5.712	5.414	5.360	6.81	14.5947
	75	1,1,2,2-Tetrachloroethane	0.661	0.660	0.651	0.689	0.742	0.733	0.729	0.792	0.737	0.762	0.723	0.716	6.35	14.8668
	76	4-Bromofluorobenzene	1.540	1.357	1.336	1.284	1.380	1.305	1.368	1.506	1.413	1.510	1.344	1.395	6.23	15.0076
	77	1,2,3-Trichloropropane	------	0.156	0.156	0.169	0.192	0.182	0.191	0.201	0.189	0.196	0.186	0.182	8.80	15.1244
	78	trans-1,4-Dichloro-2-butene	------	0.154	0.161	0.170	0.185	0.190	0.192	0.211	0.196	0.200	------	0.184	10.34	15.2541
	79	n-Propylbenzene	5.863	6.118	6.054	6.047	6.830	6.749	6.706	7.291	6.930	7.095	------	6.568	7.67	15.3003
	80	Bromobenzene	0.988	0.960	0.994	0.991	1.091	1.073	1.097	1.181	1.120	1.155	------	1.065	7.26	15.3390
	81	1,3,5-Trimethylbenzene	3.692	3.864	3.876	3.848	4.325	4.260	4.184	4.523	4.333	4.434	4.151	4.135	6.63	15.5858
	82	2-Chlorotoluene	3.834	3.678	3.650	3.746	4.062	4.045	4.028	4.277	4.105	4.155	4.026	3.964	5.19	15.5871
	83	4-Chlorotoluene	3.176	3.341	3.265	3.282	3.578	3.474	3.462	3.808	3.616	3.772	3.398	3.470	5.93	15.6765
	84	tert-Butylbenzene	0.829	0.850	0.820	0.822	0.977	0.956	0.950	1.018	0.974	0.996	0.947	0.922	8.20	16.2152
	85	1,2,4-Trimethylbenzene	3.712	3.661	3.660	3.703	4.135	4.083	4.063	4.380	4.206	4.317	4.097	4.002	6.74	16.2802
	86	sec-Butylbenzene	5.064	5.282	5.055	5.215	6.065	5.939	5.915	6.344	6.139	6.254	5.810	5.735	8.51	16.5983
	87	p-Isopropyltoluene	4.104	4.151	3.915	4.170	4.819	4.745	4.720	5.031	4.892	4.965	4.719	4.567	8.73	16.8515
	88	1,3-Dichlorobenzene	1.776	1.859	1.833	1.827	2.074	2.046	2.057	2.237	2.132	2.199	2.093	2.012	7.99	16.9828
	89	1,4-Dichlorobenzene	1.778	1.835	1.714	1.760	1.986	1.984	1.987	2.121	2.049	2.109	2.012	1.940	7.39	17.1736
	90	Benzyl Chloride	0.826	0.782	0.829	0.900	1.040	1.018	0.989	1.058	0.981	1.014	0.955	0.945	10.14	17.3767
	91	n-Butylbenzene	3.724	3.677	3.489	3.666	4.310	4.286	4.241	4.521	4.411	4.503	4.233	4.097	9.25	17.5933
	92	1,2-Dichlorobenzene	1.492	1.476	1.431	1.485	1.645	1.629	1.655	1.763	1.698	1.750	1.654	1.607	7.25	17.8248
	93	1,2-Dibromo-3-chloropropane	------	------	0.068	0.087	0.094	0.095	0.098	0.106	0.103	0.108	0.106	0.096	13.00	18.9533
	94	1,2,4-Trichlorobenzene	0.747	0.758	0.719	0.802	0.953	0.963	0.981	1.034	1.020	1.066	0.986	0.912	14.10	19.9352
	95	Hexachlorobutadiene	0.522	0.580	0.507	0.508	0.631	0.619	0.619	0.644	0.636	0.664	0.616	0.595	9.58	20.0922
	96	Naphthalene	------	1.168	1.051	1.201	1.432	1.446	1.507	1.589	1.586	1.681	1.585	1.425	14.94	20.1844
	97	1,2,3-Trichlorobenzene	0.568	0.589	0.550	0.613	0.723	0.740	0.752	0.767	0.780	0.799	0.731	0.692	13.38	20.4401

Spike Amount = Nominal Amount * M
Ave_%RSD : 8.3 Max_%RSD : 29.8

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
16	Iodomethane	-0.03378	0.43470	0.9985

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T005
IC Beginning DateTime :08/20/10 17:43
Spike Amount :10 PPB
CC/CV File :RHQ653
IC File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :08/20/10 22:41
HPChem Method :V005H20
Date_Time :08/21/10 09:17

M	IDX	PARAMETERS	CC_CON	CC% D	CC_RESP	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CS_X0	CS_X1	CS_X2	CS_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1347929	1	1	8.181	8.195	0				
	2	Dichlorodifluoromethane	10.247	2.5	498958	0.370	0.361	2.016	2.023	10.32				
	3	Chloromethane	10.644	6.4	696649	0.517	0.486	2.299	2.299	13.02				
	4	Vinyl chloride	10.621	6.2	521087	0.387	0.364	2.418	2.428	10.19				
	5	Bromomethane	9.273	-7.7	352463	0.261	0.282	2.954	2.957	13.96				
	6	Chloroethane	10.441	4.4	434987	0.323	0.309	3.059	3.055	11.68				
	7	Dichlorofluoromethane	9.826	-1.7	1078650	0.800	0.814	3.103	3.104	6.60				
	8	Trichlorofluoromethane	10.248	2.5	652531	0.484	0.472	3.371	3.378	12.72				
	9	sec-Propyl alcohol												
5	10	Acrolein	46.204	-7.6	75164	0.011	0.012	3.863	3.871	5.74				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	10.863	8.6	297150	0.220	0.203	3.922	3.929	8.01				
5	12	Acetone	45.480	-9.0	213444	0.032	0.035	3.937	3.948	9.97				
	13	1,1-Dichloroethene	9.206	-7.9	612580	0.456	0.495	4.116	4.124	5.81				
5	14	tert-Butyl alcohol	44.272	-11.5	70724	0.010	0.012	4.205	4.219	11.53				
	15	Acetonitrile												
	16	Iodomethane	8.393	-16.1	446243	0.331	0.362	4.488	4.505	29.80	-0.0338	0.4347		0.9985
	17	Methyl acetate												
	18	Methylene chloride	9.287	-7.1	512319	0.380	0.409	4.712	4.716	6.06				
	19	Carbon disulfide	9.662	-3.4	1752903	1.300	1.345	4.741	4.745	11.69				
6	20	Acrylonitrile	56.777	-5.4	371393	0.046	0.049	4.846	4.854	11.67				
	21	tert-Butyl methyl ether (MTBE)	8.889	-11.1	623235	0.462	0.520	4.920	4.931	5.83				
	22	trans-1,2-Dichloroethene	8.674	-13.1	580679	0.431	0.485	5.069	5.106	5.41				
	23	Isopropyl ether (DIPE)	9.381	-6.2	1289936	0.957	1.020	5.516	5.521	4.71				
	24	Vinyl acetate	9.381	-6.2	415886	0.309	0.329	5.635	5.641	13.49				
	25	1,1-Dichloroethane	10.425	4.3	785805	0.583	0.556	5.635	5.651	6.51				
5	26	2-Butanol	43.616	-12.8	58206	0.009	0.010	5.818	5.840	11.51				
	27	tert-Butyl ethyl ether (ETBE)	9.314	-6.9	973709	0.722	0.776	6.052	6.056	8.00				
5	28	2-Butanone	47.840	-4.3	369383	0.055	0.057	6.171	6.190	9.58				
	29	2,2-Dichloropropane	11.025	10.2	619609	0.460	0.417	6.394	6.397	3.49				
	30	cis-1,2-Dichloroethene	9.765	-2.3	441188	0.327	0.335	6.439	6.450	6.17				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	10.561	5.6	703494	0.522	0.494	6.647	6.664	5.37				
	33	Bromochloromethane	9.697	-3.0	265117	0.197	0.203	6.871	6.874	7.55				
	34	Dibromofluoromethane	10.027	0.3	438202	0.325	0.324	6.945	6.949	5.01				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	9.982	-0.2	585338	0.434	0.435	7.213	7.216	5.69				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.144	-8.6	146435	0.109	0.119	7.600	7.607	11.32				
	39	1,2-Dichloroethane-d4	9.614	-3.9	285239	0.212	0.220	7.615	7.634	4.17				
	40	CHLOROBENZENE-D5	10.000	0	1109857	1	1	12.916	12.921	0				
	41	1,1-Dichloropropene	9.219	-7.8	205088	0.185	0.200	7.437	7.439	4.14				
	42	Carbon tetrachloride	9.733	-2.7	501000	0.451	0.464	7.571	7.576	3.90				
	43	1,2-Dichloroethane	9.615	-3.9	321012	0.289	0.301	7.749	7.766	4.72				
	44	Benzene	9.039	-9.6	1506750	1.358	1.502	7.794	7.800	4.59				
	45	Trichloroethene	9.580	-4.2	454433	0.409	0.427	8.672	8.679	5.46				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.104	1.0	383066	0.345	0.342	8.911	8.926	3.18				
	48	Bromodichloromethane	9.636	-3.6	436707	0.393	0.408	9.253	9.263	5.63				
20	49	1,4-Dioxane	186.232	-6.9	27404	0.001	0.001	9.268	9.285	10.20				
	50	Dibromomethane	9.411	-5.9	155544	0.140	0.149	9.328	9.336	7.39				
	51	2-Chloroethyl vinyl ether												
5	52	4-Methyl-2-pentanone	44.500	-11.0	843755	0.152	0.171	9.759	9.777	7.96				
	53	cis-1,3-Dichloropropene	9.604	-4.0	518185	0.467	0.486	10.072	10.090	6.08				
	54	Toluene-d8	10.096	1.0	1384005	1.247	1.235	10.474	10.480	5.59				
	55	Toluene	9.472	-5.3	1480939	1.334	1.409	10.593	10.604	5.45				
	56	Ethyl methacrylate	9.198	-8.0	266038	0.240	0.261	10.861	10.871	8.38				
	57	trans-1,3-Dichloropropene	10.049	0.5	391709	0.353	0.351	10.861	10.870	9.08				
	58	1,1,2-Trichloroethane	9.378	-6.2	202843	0.183	0.195	11.100	11.119	5.14				
5	59	2-Hexanone	48.314	-3.6	555733	0.100	0.104	11.129	11.144	10.70				
	60	1,3-Dichloropropane	9.560	-4.4	368838	0.332	0.349	11.517	11.522	7.45				
	61	Tetrachloroethene	9.420	-5.8	305615	0.275	0.292	11.636	11.652	5.65				
	62	Dibromochloromethane	9.739	-2.6	292423	0.263	0.271	11.934	11.945	11.54				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	9.353	-6.5	215107	0.194	0.207	12.261	12.278	8.54				
	65	1-Chlorohexane	8.969	-10.3	633975	0.571	0.637	12.574	12.593	7.04				
	66	Chlorobenzene	9.977	-0.2	1024522	0.923	0.925	12.976	12.990	5.52				
	67	1,1,1,2-Tetrachloroethane	10.146	1.5	346917	0.313	0.308	13.050	13.064	7.87				
	68	Ethylbenzene	9.836	-1.6	178475	1.608	1.635	13.080	13.090	6.61				
2	69	m-Xylene & p-Xylene	19.621	-1.9	2679982	1.207	1.230	13.214	13.223	6.52				
	70	o-Xylene	9.887	-1.1	1311154	1.181	1.195	13.944	13.953	6.47				
	71	Styrene	10.133	1.3	1072468	0.966	0.954	14.003	14.017	9.08				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	304152	1	1	17.771	17.777	0				
	73	Bromoform	10.159	1.6	133186	0.438	0.431	14.554	14.568	12.64				
	74	Isopropylbenzene	11.155	11.5	1818478	5.979	5.360	14.584	14.592	6.81				
	75	1,1,2,2-Tetrachloroethane	10.062	0.6	219160	0.721	0.716	14.852	14.867	6.35				
	76	4-Bromofluorobenzene	10.444	4.4	443043	1.457	1.395	15.001	15.008	6.53				
	77	1,2,3-Trichloropropane	10.374	3.7	57330	0.189	0.182	15.120	15.134	8.80				
	78	trans-1,4-Dichloro-2-butene	10.603	6.0	59445	0.195	0.184	15.239	15.254	10.34				
	79	n-Propylbenzene	10.828	8.3	2163096	7.113	6.568	15.284	15.300	7.67				
	80	Bromobenzene	10.341	3.4	347456	1.123	1.065	15.329	15.339	7.26				
	81	1,3,5-Trimethylbenzene	10.639	6.3	1339511	4.405	4.122	15.567	15.586	6.63				
	82	2-Chlorotoluene	10.871	8.7	1310614	4.310	3.994	15.582	15.587	7.19				
	83	4-Chlorotoluene	10.345	3.5	1091811	3.590	3.470	15.671	15.677	5.93				
	84	tert-Butylbenzene	11.030	10.4	309410	1.017	0.922	16.207	16.215	8.20				
	85	1,2,4-Trimethylbenzene	10.468	4.7	1373963	4.182	4.002	16.567	16.580	6.74				
	86	sec-Butylbenzene	11.006	10.1	1919708	6.312	5.732	16.584	16.598	8.51				
	87	p-Isopropyltoluene	11.133	11.3	1546255	5.084	4.367	16.847	16.851	8.73				
	88	1,3-Dichlorobenzene	10.439	4.4	638785	2.100	2.013	16.967	16.983	7.99				
	89	1,4-Dichlorobenzene	10.469	4.7	626817	2.061	1.940	17.160	17.174	7.39				
	90	Benzyl Chloride	10.724	7.2	308139	1.013	0.945	17.369	17.377	10.14				
	91	n-Butylbenzene	11.190	11.9	1394095	4.584	4.007	17.577	17.593	9.22				
	92	1,2-Dichlorobenzene	10.401	4.0	508330	1.671	1.607	17.815	17.825	7.25				
	93	1,2-Dibromo-3-chloropropane	9.100	-9.0	26580	0.087	0.096	18.947	18.953	13.00				
	94	1,2,4-Trichlorobenzene	11.194	11.9	310395	1.021	0.913	19.930	19.935	12.70				
	95	Hexachlorobutadiene	10.964	9.6	198462	0.653	0.592	20.079	20.092	9.58				
	96	Naphthalene	9.581	-4.2	415103	1.365	1.485	20.168	20.184	14.94				
	97	1,2,3-Trichlorobenzene	10.156	1.6	213696	0.703	0.692	20.436	20.440	13.38				

Spike Amount = Nominal Amount * M

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIQ220
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101019
BFB Injection Date : 09/07/10
BFB Injection Time : 20:32
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.21
75	30.0 - 60.0% of mass 95	41.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.82
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	73.50
175	5.0 - 9.0% of mass 174	5.47(7.4)1
176	95.0 - 101.0% of mass 174	70.86(96.4)1
177	5.0 - 9.0% of mass 176	4.61(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005H2028	RIQ221	09/07/10	21:02
2	MBLK1W	VQ05I11B	RIQ225	09/07/10	23:02
3	LCS1W	VQ05I11L	RIQ222	09/07/10	21:32
4	LCD1W	VQ05I11C	RIQ223	09/07/10	22:02
5	TB-09/01/10	I019-05	RIQ227	09/08/10	00:02
6	IW-70-FSB216-A10	I019-01	RIQ229	09/08/10	01:03
7	MW-70-PMW08A-A10	I019-02	RIQ230	09/08/10	01:33
8	MW-70-PMW08B-A10	I019-03	RIQ231	09/08/10	02:03
9	MW-70-PMW08B-A10-D	I019-04	RIQ232	09/08/10	02:32

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10I019
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1360659	8.19	1115899	12.92	329673	17.78
	UPPER LIMIT	2721318	8.69	2231798	13.42	659346	18.28
	LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
	SAMPLE ID						
1	VSTD010	1543573	8.20	1256090	12.92	354168	17.77
2	MBLK1W	1688596	8.18	1319771	12.92	361408	17.77
3	LCS1W	1599353	8.18	1250042	12.92	341590	17.77
4	LCD1W	1668649	8.19	1332824	12.92	366884	17.78
5	TB-09/01/10	1681449	8.20	1337406	12.92	368817	17.77
6	IW-70-FSB216-A10	1228149	8.19	1009909	12.91	300244	17.78
7	MW-70-PMW08A-A10	1686515	8.18	1376288	12.92	404268	17.77
8	MW-70-PMW08B-A10	1619566	8.18	1309314	12.92	371590	17.77
9	MW-70-PMW08B-A10-D	1692794	8.19	1392349	12.92	396178	17.78

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	8.851	11.5	100	0.00
3	P,T	Chloromethane	10.000	9.136	8.6	104	0.00
4	C,T	Vinyl chloride	10.000	8.965	10.4	100	0.00
5	T	Bromomethane	10.000	6.693	33.1#	82	0.00
6	T	Chloroethane	10.000	10.227	-2.3	114	0.00
7	T	Dichlorofluoromethane	10.000	10.007	-0.1	114	0.00
8	T	Trichlorofluoromethane	10.000	9.450	5.5	105	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	31.079	37.8#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.944	10.6	100	0.00
12	T	Acetone	50.000	50.623	-1.2	125	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.353	6.5	105	0.00
14	T	tert-Butyl alcohol	50.000	51.155	-2.3	117	0.00
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	6.184	38.2#	72	0.00
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.406	-4.1	126	0.00
19	T	Carbon disulfide	10.000	9.977	0.2	119	0.00
20	T	Acrylonitrile	50.000	57.599	-15.2	132	0.00
21	T	tert-Butyl methyl ether (MT	10.000	10.080	-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.423	5.8	106	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.453	-14.5	131	0.00
24	T	Vinyl acetate	10.000	11.249	-12.5	118	0.00
25	P,T	1,1-Dichloroethane	10.000	10.678	-6.8	118	0.00
26	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
27	T	tert-Butyl ethyl ether (ETB	10.000	10.680	-6.8	119	0.00
28	T	2-Butanone	50.000	56.631	-13.3	129	0.00
29	T	2,2-Dichloropropane	10.000	9.702	3.0	107	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.097	-1.0	114	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	10.217	-2.2	116	0.00
33	T	Bromochloromethane	10.000	11.477	-14.8	130	0.00
34	S	Dibromofluoromethane	10.000	10.024	-0.2	121	0.00
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.606	3.9	108	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	10.156	-1.6	111	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.387	-3.9	125	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.674	3.3	106	0.00
42	T	Carbon tetrachloride	10.000	9.039	9.6	100	0.00
43	T	1,2-Dichloroethane	10.000	10.655	-6.5	116	0.00
44	T,M	Benzene	10.000	9.448	5.5	109	0.00
45	T,M	Trichloroethene	10.000	9.057	9.4	99	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.241	-12.4	125	0.00
48	T	Bromodichloromethane	10.000	10.091	-0.9	112	0.00
49	T	1,4-Dioxane	200.000	206.999	-3.5	119	0.00
50	T	Dibromomethane	10.000	10.527	-5.3	118	0.00
51	T	2-Chloroethyl vinyl ether	10.000	6.417	35.8#	76	0.00
52	T	4-Methyl-2-pentanone	50.000	56.568	-13.1	125	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.813	1.9	107	0.00
54	S	Toluene-d8	10.000	10.358	-3.6	124	0.00
55	C,T,M	Toluene	10.000	9.661	3.4	109	0.00
56	T	Ethyl methacrylate	10.000	10.424	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.780	2.2	106	0.00
58	T	1,1,2-Trichloroethane	10.000	10.941	-9.4	123	0.00
59	T	2-Hexanone	50.000	57.043	-14.1	126	0.00
60	T	1,3-Dichloropropane	10.000	10.657	-6.6	118	0.00
61	T	Tetrachloroethene	10.000	8.641	13.6	97	0.00
62	T	Dibromochloromethane	10.000	9.212	7.9	101	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	10.259	-2.6	113	0.00
65	T	1-Chlorohexane	10.000	9.542	4.6	105	0.00
66	P,M	Chlorobenzene	10.000	9.911	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.276	7.2	103	0.00
68	C,T	Ethylbenzene	10.000	9.698	3.0	107	0.00
69	T	m-Xylene & p-Xylene	20.000	19.357	3.2	107	0.00
70	T	o-Xylene	10.000	9.812	1.9	107	0.00
71	T	Styrene	10.000	10.090	-0.9	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	107	0.00
73	P,T	Bromoform	10.000	9.360	6.4	98	0.00
74	T	Isopropylbenzene	10.000	10.224	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	11.380	-13.8	119	0.00
76	S	4-Bromofluorobenzene	10.000	10.498	-5.0	121	0.00
77	T	1,2,3-Trichloropropane	10.000	11.328	-13.3	122	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	10.548	-5.5	110	0.00
79	T	n-Propylbenzene	10.000	10.363	-3.6	108	0.01
80	T	Bromobenzene	10.000	9.686	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.076	-0.8	105	0.00
82	T	2-Chlorotoluene	10.000	10.230	-2.3	108	0.00
83	T	4-Chlorotoluene	10.000	10.079	-0.8	108	0.00
84	T	tert-Butylbenzene	10.000	9.850	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.030	-0.3	106	0.00
86	T	sec-Butylbenzene	10.000	10.319	-3.2	107	0.00
87	T	p-Isopropyltoluene	10.000	9.696	3.0	100	0.00
88	T	1,3-Dichlorobenzene	10.000	9.670	3.3	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.667	3.3	102	0.00
90	T	Benzyl Chloride	10.000	8.603	14.0	86	0.00
91	T	n-Butylbenzene	10.000	10.004	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	10.000	9.698	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	8.803	12.0	96	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.484	5.2	96	0.00
95	T	Hexachlorobutadiene	10.000	8.597	14.0	89	0.00
96	T	Naphthalene	10.000	8.475	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.274	7.3	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.320	11.4	100	0.00
3	P,T	Chloromethane	0.486	0.444	8.6	104	0.00
4	C,T	Vinyl chloride	0.364	0.326	10.4	100	0.00
5	T	Bromomethane	0.282	0.189	33.0#	82	0.00
6	T	Chloroethane	0.309	0.316	-2.3	114	0.00
7	T	Dichlorofluoromethane	0.814	0.815	-0.1	114	0.00
8	T	Trichlorofluoromethane	0.472	0.446	5.5	105	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.008	33.3#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	100	0.00
12	T	Acetone	0.035	0.035	0.0	125	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	105	0.00
14	T	tert-Butyl alcohol	0.012	0.012	0.0	117	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.235	35.1#	72	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.426	-4.2	126	0.00
19	T	Carbon disulfide	1.345	1.342	0.2	119	0.00
20	T	Acrylonitrile	0.049	0.056	-14.3	132	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.524	-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.467	5.7	106	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.168	-14.5	131	0.00
24	T	Vinyl acetate	0.329	0.370	-12.5	118	0.00
25	P,T	1,1-Dichloroethane	0.559	0.597	-6.8	118	0.00
26	T	2-Butanol	0.010	0.000	100.0#	0#	-5.94#
27	T	tert-Butyl ethyl ether (ETB	0.776	0.828	-6.7	119	0.00
28	T	2-Butanone	0.057	0.065	-14.0	129	0.00
29	T	2,2-Dichloropropane	0.417	0.405	2.9	107	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.338	-0.9	114	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.505	-2.2	116	0.00
33	T	Bromochloromethane	0.203	0.233	-14.8	130	0.00
34	S	Dibromofluoromethane	0.324	0.325	-0.3	121	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.418	3.9	108	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.121	-1.7	111	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.229	-4.1	125	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.194	3.0	106	0.00
42	T	Carbon tetrachloride	0.464	0.419	9.7	100	0.00
43	T	1,2-Dichloroethane	0.301	0.321	-6.6	116	0.00
44	T,M	Benzene	1.502	1.419	5.5	109	0.00
45	T,M	Trichloroethene	0.427	0.387	9.4	99	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.384	-12.3	125	0.00
48	T	Bromodichloromethane	0.408	0.412	-1.0	112	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	119	0.00
50	T	Dibromomethane	0.149	0.157	-5.4	118	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.064	36.0#	76	0.00
52	T	4-Methyl-2-pentanone	0.171	0.193	-12.9	125	0.00
53	T	cis-1,3-Dichloropropene	0.486	0.477	1.9	107	0.00
54	S	Toluene-d8	1.235	1.279	-3.6	124	0.00
55	C,T,M	Toluene	1.409	1.361	3.4	109	0.00
56	T	Ethyl methacrylate	0.261	0.272	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.343	2.3	106	0.00
58	T	1,1,2-Trichloroethane	0.195	0.213	-9.2	123	0.00
59	T	2-Hexanone	0.104	0.118	-13.5	126	0.00
60	T	1,3-Dichloropropane	0.348	0.370	-6.3	118	0.00
61	T	Tetrachloroethene	0.292	0.253	13.4	97	0.00
62	T	Dibromochloromethane	0.271	0.249	8.1	101	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.213	-2.9	113	0.00
65	T	1-Chlorohexane	0.637	0.608	4.6	105	0.00
66	P,M	Chlorobenzene	0.925	0.917	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.286	7.1	103	0.00
68	C,T	Ethylbenzene	1.635	1.585	3.1	107	0.00
69	T	m-Xylene & p-Xylene	1.230	1.191	3.2	107	0.00
70	T	o-Xylene	1.195	1.172	1.9	107	0.00
71	T	Styrene	0.954	0.962	-0.8	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	107	0.00
73	P,T	Bromoform	0.431	0.404	6.3	98	0.00
74	T	Isopropylbenzene	5.360	5.480	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.815	-13.8	119	0.00
76	S	4-Bromofluorobenzene	1.395	1.464	-4.9	121	0.00
77	T	1,2,3-Trichloropropane	0.182	0.206	-13.2	122	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.194	-5.4	110	0.00
79	T	n-Propylbenzene	6.568	6.806	-3.6	108	0.01
80	T	Bromobenzene	1.065	1.032	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D
Acq On : 7 Sep 2010 9:02 pm
Sample : CVO05H2028
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.167	-0.8	105	0.00
82	T	2-Chlorotoluene	3.964	4.055	-2.3	108	0.00
83	T	4-Chlorotoluene	3.470	3.498	-0.8	108	0.00
84	T	tert-Butylbenzene	0.922	0.908	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.014	-0.3	106	0.00
86	T	sec-Butylbenzene	5.735	5.918	-3.2	107	0.00
87	T	p-Isopropyltoluene	4.567	4.428	3.0	100	0.00
88	T	1,3-Dichlorobenzene	2.012	1.946	3.3	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.875	3.4	102	0.00
90	T	Benzyl Chloride	0.945	0.813	14.0	86	0.00
91	T	n-Butylbenzene	4.097	4.098	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	1.607	1.558	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.085	11.5	96	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.865	5.2	96	0.00
95	T	Hexachlorobutadiene	0.595	0.512	13.9	89	0.00
96	T	Naphthalene	1.425	1.207	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.642	7.2	93	0.00

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1Q238
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101019
BFB Injection Date : 09/08/10
BFB Injection Time : 13:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.99
75	30.0 - 60.0% of mass 95	42.40
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.55
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	75.36
175	5.0 - 9.0% of mass 174	5.66(7.5)1
176	95.0 - 101.0% of mass 174	71.90(95.4)1
177	5.0 - 9.0% of mass 176	4.66(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005W2029	R1Q239	09/08/10	13:44
2	MBLK2W	V005112B	R1Q243	09/08/10	15:43
3	LCS2W	V005112L	R1Q240	09/08/10	14:14
4	LCD2W	V005112C	R1Q241	09/08/10	14:44
5	IW-70-FSB216-A10DL	1019-01T	R1Q246	09/08/10	17:11
6	MW-70-PMW08A-A10DL	1019-02T	R1Q247	09/08/10	17:42
7	MW-70-PMW08B-A10DL	1019-03T	R1Q248	09/08/10	18:12
8	MW-70-PMW08B-A10-DDL	1019-04T	R1Q249	09/08/10	18:42

FORM V VOA DLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10I019
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1360659	8.19	1115899	12.92	329623	17.78
UPPER LIMIT	2721318	8.69	2231798	13.42	659246	18.28
LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
SAMPLE ID						
1 VSTD010	1531651	8.18	1225642	12.92	359195	17.77
2 MBLK2W	1684731	8.19	1379400	12.92	393744	17.78
3 LCS2W	1630648	8.19	1290576	12.92	364219	17.78
4 LCD2W	1688736	8.18	1320996	12.92	374703	17.77
5 IW-70-FSB216-A10DL	1591699	8.19	1267550	12.92	360632	17.78
6 MW-70-PMW08A-A10DL	1565305	8.18	1282466	12.92	355438	17.77
7 MW-70-PMW08B-A10DL	1587067	8.18	1280134	12.92	345727	17.77
8 MW-70-PMW08B-A10-DDL	1590960	8.18	1246080	12.92	333139	17.77

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	11.038	-10.4	124	0.00
3	P,T	Chloromethane	10.000	11.359	-13.6	128	0.00
4	C,T	Vinyl chloride	10.000	10.660	-6.6	118	0.00
5	T	Bromomethane	10.000	8.088	19.1	98	0.00
6	T	Chloroethane	10.000	11.991	-19.9	132	-0.02
7	T	Dichlorofluoromethane	10.000	10.221	-2.2	116	0.00
8	T	Trichlorofluoromethane	10.000	10.753	-7.5	118	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	28.818	42.4#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.918	10.8	99	0.00
12	T	Acetone	50.000	47.936	4.1	118	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.355	6.4	104	0.00
14	T	tert-Butyl alcohol	50.000	47.257	5.5	108	0.00
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	5.411	45.9#	61	-0.02
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.685	-6.9	129	0.00
19	T	Carbon disulfide	10.000	10.220	-2.2	121	0.00
20	T	Acrylonitrile	50.000	53.059	-6.1	121	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.428	5.7	107	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.568	4.3	107	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.016	-10.2	125	0.00
24	T	Vinyl acetate	10.000	7.630	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	10.000	10.761	-7.6	118	-0.02
26	T	2-Butanol	50.000	45.702	8.6	110	0.00
27	T	tert-Butyl ethyl ether (ETB	10.000	10.083	-0.8	111	0.00
28	T	2-Butanone	50.000	51.911	-3.8	118	-0.02
29	T	2,2-Dichloropropane	10.000	10.238	-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.017	-0.2	112	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	9.962	0.4	112	-0.02
33	T	Bromochloromethane	10.000	11.282	-12.8	127	0.00
34	S	Dibromofluoromethane	10.000	9.803	2.0	118	0.00
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.552	4.5	107	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	9.578	4.2	104	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.059	-0.6	120	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.629	3.7	103	0.00
42	T	Carbon tetrachloride	10.000	9.267	7.3	100	0.00
43	T	1,2-Dichloroethane	10.000	10.463	-4.6	112	-0.02
44	T,M	Benzene	10.000	9.375	6.3	106	0.00
45	T,M	Trichloroethene	10.000	9.043	9.6	96	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.038	-10.4	120	-0.02
48	T	Bromodichloromethane	10.000	9.831	1.7	107	0.00
49	T	1,4-Dioxane	200.000	207.544	-3.8	117	0.00
50	T	Dibromomethane	10.000	10.430	-4.3	114	0.00
51	T	2-Chloroethyl vinyl ether	10.000	3.529	64.7#	41	0.00
52	T	4-Methyl-2-pentanone	50.000	51.502	-3.0	111	-0.02
53	T	cis-1,3-Dichloropropene	10.000	9.768	2.3	104	0.00
54	S	Toluene-d8	10.000	10.419	-4.2	121	0.00
55	C,T,M	Toluene	10.000	9.666	3.3	107	0.00
56	T	Ethyl methacrylate	10.000	9.705	2.9	105	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.498	5.0	100	0.00
58	T	1,1,2-Trichloroethane	10.000	10.456	-4.6	115	-0.02
59	T	2-Hexanone	50.000	53.139	-6.3	114	0.00
60	T	1,3-Dichloropropane	10.000	10.229	-2.3	110	0.00
61	T	Tetrachloroethene	10.000	8.796	12.0	96	0.00
62	T	Dibromochloromethane	10.000	8.867	11.3	95	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	9.756	2.4	105	-0.02
65	T	1-Chlorohexane	10.000	9.916	0.8	106	0.00
66	P,M	Chlorobenzene	10.000	9.877	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.113	8.9	99	0.00
68	C,T	Ethylbenzene	10.000	9.793	2.1	105	0.00
69	T	m-Xylene & p-Xylene	20.000	19.523	2.4	105	0.00
70	T	o-Xylene	10.000	9.978	0.2	106	0.00
71	T	Styrene	10.000	10.083	-0.8	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	109	0.00
73	P,T	Bromoform	10.000	8.613	13.9	91	0.00
74	T	Isopropylbenzene	10.000	10.220	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	10.599	-6.0	113	0.00
76	S	4-Bromofluorobenzene	10.000	10.085	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	10.000	10.448	-4.5	114	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	9.945	0.5	105	0.00
79	T	n-Propylbenzene	10.000	10.372	-3.7	110	0.00
80	T	Bromobenzene	10.000	9.356	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.125	-1.3	107	0.00
82	T	2-Chlorotoluene	10.000	10.345	-3.5	110	0.00
83	T	4-Chlorotoluene	10.000	9.960	0.4	108	0.00
84	T	tert-Butylbenzene	10.000	9.919	0.8	104	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.078	-0.8	108	0.00
86	T	sec-Butylbenzene	10.000	10.496	-5.0	110	0.00
87	T	p-Isopropyltoluene	10.000	9.953	0.5	104	0.00
88	T	1,3-Dichlorobenzene	10.000	9.559	4.4	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.593	4.1	102	0.00
90	T	Benzyl Chloride	10.000	8.619	13.8	87	0.00
91	T	n-Butylbenzene	10.000	10.459	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	10.000	9.557	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	7.993	20.1#	88	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.749	2.5	101	0.00
95	T	Hexachlorobutadiene	10.000	9.367	6.3	98	0.01
96	T	Naphthalene	10.000	8.209	17.9	88	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.593	4.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.399	-10.5	124	0.00
3	P,T	Chloromethane	0.486	0.552	-13.6	128	0.00
4	C,T	Vinyl chloride	0.364	0.388	-6.6	118	0.00
5	T	Bromomethane	0.282	0.228	19.1	98	0.00
6	T	Chloroethane	0.309	0.371	-20.1#	132	-0.02
7	T	Dichlorofluoromethane	0.814	0.832	-2.2	116	0.00
8	T	Trichlorofluoromethane	0.472	0.508	-7.6	118	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.007	41.7#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	99	0.00
12	T	Acetone	0.035	0.033	5.7	118	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	104	0.00
14	T	tert-Butyl alcohol	0.012	0.011	8.3	108	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.201	44.5#	61	-0.02
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.437	-6.8	129	0.00
19	T	Carbon disulfide	1.345	1.375	-2.2	121	0.00
20	T	Acrylonitrile	0.049	0.051	-4.1	121	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.490	5.8	107	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.474	4.2	107	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.124	-10.2	125	0.00
24	T	Vinyl acetate	0.329	0.251	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	0.559	0.602	-7.7	118	-0.02
26	T	2-Butanol	0.010	0.009	10.0	110	0.00
27	T	tert-Butyl ethyl ether (ETB	0.776	0.782	-0.8	111	0.00
28	T	2-Butanone	0.057	0.059	-3.5	118	-0.02
29	T	2,2-Dichloropropane	0.417	0.427	-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.336	-0.3	112	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.492	0.4	112	-0.02
33	T	Bromochloromethane	0.203	0.229	-12.8	127	0.00
34	S	Dibromofluoromethane	0.324	0.318	1.9	118	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.416	4.4	107	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.114	4.2	104	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.221	-0.5	120	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.193	3.5	103	0.00
42	T	Carbon tetrachloride	0.464	0.430	7.3	100	0.00
43	T	1,2-Dichloroethane	0.301	0.315	-4.7	112	-0.02
44	T,M	Benzene	1.502	1.408	6.3	106	0.00
45	T,M	Trichloroethene	0.427	0.386	9.6	96	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.377	-10.2	120	-0.02
48	T	Bromodichloromethane	0.408	0.401	1.7	107	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	117	0.00
50	T	Dibromomethane	0.149	0.155	-4.0	114	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.035	65.0#	41#	0.00
52	T	4-Methyl-2-pentanone	0.171	0.176	-2.9	111	-0.02
53	T	cis-1,3-Dichloropropene	0.486	0.475	2.3	104	0.00
54	S	Toluene-d8	1.235	1.287	-4.2	121	0.00
55	C,T,M	Toluene	1.409	1.362	3.3	107	0.00
56	T	Ethyl methacrylate	0.261	0.253	3.1	105	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.334	4.8	100	0.00
58	T	1,1,2-Trichloroethane	0.195	0.204	-4.6	115	-0.02
59	T	2-Hexanone	0.104	0.110	-5.8	114	0.00
60	T	1,3-Dichloropropane	0.348	0.356	-2.3	110	0.00
61	T	Tetrachloroethene	0.292	0.257	12.0	96	0.00
62	T	Dibromochloromethane	0.271	0.240	11.4	95	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.202	2.4	105	-0.02
65	T	1-Chlorohexane	0.637	0.631	0.9	106	0.00
66	P,M	Chlorobenzene	0.925	0.914	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.281	8.8	99	0.00
68	C,T	Ethylbenzene	1.635	1.601	2.1	105	0.00
69	T	m-Xylene & p-Xylene	1.230	1.201	2.4	105	0.00
70	T	o-Xylene	1.195	1.192	0.3	106	0.00
71	T	Styrene	0.954	0.961	-0.7	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	109	0.00
73	P,T	Bromoform	0.431	0.371	13.9	91	0.00
74	T	Isopropylbenzene	5.360	5.478	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.759	-6.0	113	0.00
76	S	4-Bromofluorobenzene	1.395	1.407	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	0.182	0.190	-4.4	114	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.183	0.5	105	0.00
79	T	n-Propylbenzene	6.568	6.813	-3.7	110	0.00
80	T	Bromobenzene	1.065	0.997	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.187	-1.3	107	0.00
82	T	2-Chlorotoluene	3.964	4.101	-3.5	110	0.00
83	T	4-Chlorotoluene	3.470	3.456	0.4	108	0.00
84	T	tert-Butylbenzene	0.922	0.914	0.9	104	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.033	-0.8	108	0.00
86	T	sec-Butylbenzene	5.735	6.019	-5.0	110	0.00
87	T	p-Isopropyltoluene	4.567	4.545	0.5	104	0.00
88	T	1,3-Dichlorobenzene	2.012	1.923	4.4	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.861	4.1	102	0.00
90	T	Benzyl Chloride	0.945	0.814	13.9	87	0.00
91	T	n-Butylbenzene	4.097	4.284	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	1.607	1.536	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.077	19.8	88	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.889	2.5	101	0.00
95	T	Hexachlorobutadiene	0.595	0.558	6.2	98	0.01
96	T	Naphthalene	1.425	1.169	18.0	88	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.664	4.0	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/20/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H206

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RHQ636	RHQ05H30		3mL	N/A	N/A	N/A		5:10pm
02	637	V005H201		[illegible]					8260 GAS/KET ACR ACN-TBA 6.3 / 1.5 ppb
03	638	2		[illegible]					0.5 / 2.5
04	639	3		[illegible]					1.0 / 5.0
05	640	4		[illegible]					2.0 / 10
06	641	5		[illegible]					5.0 / 25
07	642	6		[illegible]					10 / 50
08	643	7		[illegible]					20 / 100
09	644	8		[illegible]					30 / 150
10	645	9		[illegible]					40 / 200
11	646	10		[illegible]					50 / 250
12	647	11		[illegible]					100 / 500
13	648	KS/SS							
14	649	~~V005H200~~ V005H30B							
15	650	V005H200/*		[illegible]	N/A	N/A	N/A		10 / 50 / 60 12:10pm 8/20/10 KET ACR ACN TBA 8260 10 / 50 / 60 / 12:10pm 8/20/10 [illegible]
16	651	RIN56							
17									
18									
19									
20									
21									
22									
23									
24									
25									rd 8/21/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20

STANDARDS

NAME	ID	CCC (ppb)
KET-ACR-ACN DCC	SV1-16-25-2	250
8260(KET-ACR-ACN) DCC CS_2	-21-2 -21-1	50/250 250
GAS85 DCC 2-Butanol	-20-2 -19-1	250 1250
BFB	-24-2	50
IS/SURR IS IS	-18-2 -18-3	250 250
KET-ACR-ACN LCS	-25-3	[illegible]
LCS 8260(KET-ACR-ACN)	-22-1	50/250
GAS85 LCS 2-Butanol	-26-1 SV1-12-7 BC	250 1250
SOLVENT	ID	
METHANOL		
DATA FILE	10H20	

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOOS	

Comments: *Not valid for acetone, 4,4-methyl-2-pentanone and 2-butanone verification

Analyzed By: [illegible]

Date Disposed: 8/21/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/21/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH 100H5000

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RH0652	BRB25H31	2mL					8:14am
02	653	IV025H2002*	[illegible]					
03	654	CV025H2001	[illegible]					
04	655	V025H21R	[illegible]					
05	656	↓ C	↓					
06	657	RINSE	25mL					
07	658	V025H31B						
08	659	10H194-13		10	12	15		RE-Analyze TB-02-04-10
09	660	-21			12	15		
10	661	10H221-08			12	15		Smoke, no int.
11	662	-09			12	15		
12	663	01 MB25A0 MB10H230-05			12	15		TB-02-04-14
13	664	10H222-05			12	15		
14	665	-01			12	15		
15	666	-04			12	15		
16	667	-02			12	15		
17	668	-03			12	15		
18	669	-06			12	15		
19	670	10H230-01			12	15		
20	671	-02			12	15		
21	672	-03			12	15		
22	673	-04			12	15		
23	674	-04M			12	15		
24	675	-04S			12	15		8:34pm
25	676	RINSE						8:41 8/23/10

Instrument No.	05
IN TIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V025H2010
STANDARDS	
NAME	ID
CCC AER RIN	[illegible]
DCC CS2	[illegible]
DCC [illegible]	[illegible]
BFB	[illegible]
IS/SURR.	[illegible]
LCS AER RIN	[illegible]
LCS [illegible]	[illegible]
LCS [illegible]	[illegible]
SOLVENT	ID
METHANOL	
DATA FILE	10H21
Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOOS	

Comments: [illegible] not valid for [illegible] verification.

Analyzed By: [illegible]

Date Disposed: 8/23/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/7/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH 0905H3038

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RQ220		RFB054211	5mL					8:32pm
02		221	CV005H2025	5ml/1mL					
03		222	V005211A	5ml/1mL					
04		223	↓ C	↓					
05		224	RINSE	25mL					
06		225	V005211B						
07		226	102243-06		1.0	22	25		78-02-04-03
08		227	102019 -05			22	25		78-02-04-03
09		228	102016-01			22	25		
10		229	102019-01			22	25		25X
11		230	-02			22	25		10X
12		231	-03			22	25		50/100X
13		232	↓ -04			22	25		50/100X
14		233	102043-01			22	25		RR, c/o?
15		234	-02			22	25		↓
16		235	-03			22	25		50X
17		236	-04			22	25		10X
18		237	↓ -05	↓	↓	22	25		100X 5:00pm
19									
20									
21									
22									
23									
24									
25									cd 9/8/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
CAL ID	V005H20

STANDARDS

NAME	ID	CONC. (mg/L)
OCC	8H1-16-25-2	
OCC	-21-2 -21-1	
OCC	-20-2	
BFB	-26-2	50/250
IS/SURR	-33-2	
LCS	-25-3	
LCS	8V1-15-97-3	
LCS	8V1-16-26-1	

SOLVENT	ID
METHANOL	
DATA FILE	10207

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOOS	

Comments:

Analyzed By: cd

Date Disposed: 9/8/10

Disposed By: cd

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No: 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/8/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H2029

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Q (ppm)	Matrix S	Notes
01	RRQ238		RFB05712	5mL					12:10pm
02		239	V005H2029	5ml/1/gal					
03		240	V005712L	5ml/1/2gal					
04		241	↓ C	↓					
05		242	RINS	25mL					
06		243	V005712R	↓					
07		244	102067-02R	↓	1.0	<2	<5		TB-02-09-10
08		245	102066-07	↓		<2	<5		TB-02-09-03
09		246	102019-01T	1.0mL	25	<2	<5		
10		247	↓ -02T	2.5mL	10	<2	<5		
11		248	-03T	0.50mL	50	<2	<5		
12		249	↓ -04T	↓	↓	<2	<5		
13		250	102043-03T	↓	↓	<2	<5		
14		251	↓ -04T	25mL	10	<2	<5		
15		252	↓ -05T	0.25mL	100	<2	<5		
16		253	102080-02	25mL	1.0	<2	<5		
17		254	102043-01R	↓	↓	<2	<5		
18		255	↓ -02R	↓	↓	<2	<5		
19		256	102066-01	↓	↓	<2	<5		250X
20		257	↓ -02	↓	↓	<2	<5		250X
21		258	-03	↓	↓	<2	<5		100X
22		259	-04	↓	↓	<2	<5		50X
23		260	-05	↓	↓	<2	<5		100X
24		261	↓ -06	↓	↓	<2	<5		RR 12:44am
25									

Sd 9/9/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
XCAL ID	V005H22

STANDARDS

NAME	ID	CONC. (mg/L)
DCC	SVI-16-25-2	
DCC	-21-2 -27-1	
DCC	~~-30~~ -33-3 49-1 9/9/10	
BFB	-26-2	50/250
IS/SURR.	-33-2	1000/1250
LCS	-25-3	
LCS	SVI-15-99-3	
LCS	SVI-16-26-1 SVI-12-38-0	

SOLVENT	ID
METHANOL	
DATA FILE	10208

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOD5	

Comments:

Analyzed By: Sd

Date Disposed: 9/9/10

Disposed By: Sd

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I019

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD RSK-175
DISSOLVED GASES

A total of four (4) water samples were received on 09/01/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI004WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101019
Instrument ID : GCT01C

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGI004WB	1	NA	09/08/1011:25	09/08/1010:00	F108003A	F108002A	DGI004W	Method Blank
LCS1W	DGI004WL	1	NA	09/08/1011:40	09/08/1010:00	F108004A	F108002A	DGI004W	Lab Control Sample (LCS)
LCD1W	DGI004WC	1	NA	09/08/1011:58	09/08/1010:00	F108005A	F108002A	DGI004W	LCS Duplicate
IW-70-FSB216-A10	I019-01	1	NA	09/08/1015:58	09/08/1010:00	F108021A	F108013A	DGI004W	Field Sample
IW-70-FSB216-A10DL	I019-01T	1000	NA	09/08/1017:47	09/08/1010:00	F108028A	F108024A	DGI004W	Diluted Sample
MW-70-PMW08A-A10	I019-02	1	NA	09/08/1017:06	09/08/1010:00	F108025A	F108024A	DGI004W	Field Sample
MW-70-PMW08A-A10DL	I019-02T	100	NA	09/08/1018:00	09/08/1010:00	F108029A	F108024A	DGI004W	Diluted Sample
MW-70-PMW08B-A10	I019-03	1	NA	09/08/1017:19	09/08/1010:00	F108026A	F108024A	DGI004W	Field Sample
MW-70-PMW08B-A10DL	I019-03T	400	NA	09/08/1018:14	09/08/1010:00	F108030A	F108024A	DGI004W	Diluted Sample
MW-70-PMW08B-A10-D	I019-04	1	NA	09/08/1017:32	09/08/1010:00	F108027A	F108024A	DGI004W	Field Sample
MW-70-PMW08B-A10-DDL	I019-04T	400	NA	09/08/1018:28	09/08/1010:00	F108031A	F108024A	DGI004W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 10:00
Sample ID:	IW-70-FS8216-A10	Date Analyzed:	09/08/10 15:58
Lab Samp ID:	1019-01	Dilution Factor:	1
Lab File ID:	FI08021A	Matrix :	WATER
Ext Btch ID:	DGI004W	% Moisture :	NA
Calib. Ref.:	FI08013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.64J	2.0	0.60
METHANE	560E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 10:00
Sample ID:	IW-70-FSB216-A10DL	Date Analyzed:	09/08/10 17:47
Lab Samp ID:	1019-01T	Dilution Factor:	1000
Lab File ID:	F108028A	Matrix	: WATER
Ext Btch ID:	DG1004W	% Moisture	: NA
Calib. Ref.:	F108024A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	20000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/01/10
Batch No. : 101019	Date Extracted: 09/08/10 10:00
Sample ID: MW-70-PMW08A-A10	Date Analyzed: 09/08/10 17:06
Lab Samp ID: 1019-02	Dilution Factor: 1
Lab File ID: FI08025A	Matrix : WATER
Ext Btch ID: DG1004W	% Moisture : NA
Calib. Ref.: FI08024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.95J	2.0	0.60
METHANE	210E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/01/10
Batch No. : 101019	Date Extracted: 09/08/10 10:00
Sample ID: MW-70-PMW08A-A10DL	Date Analyzed: 09/08/10 18:00
Lab Samp ID: I019-02T	Dilution Factor: 100
Lab File ID: FI08029A	Matrix : WATER
Ext Btch ID: DGI004W	% Moisture : NA
Calib. Ref.: FI08024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	200	60
ETHENE	ND	200	60
METHANE	860	200	60

METHOD RSK 175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/01/10
Batch No. : 101019	Date Extracted: 09/08/10 10:00
Sample ID: MW-70-PMW08B-A10	Date Analyzed: 09/08/10 17:19
Lab Samp ID: 1019-03	Dilution Factor: 1
Lab File ID: FI08026A	Matrix : WATER
Ext Btch ID: DGI004W	% Moisture : NA
Calib. Ref.: FI08024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	29	2.0	0.60
METHANE	390E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 10:00
Sample ID:	MW-70-PMW088-A10DL	Date Analyzed:	09/08/10 18:14
Lab Samp ID:	1019-05T	Dilution Factor:	400
Lab File ID:	F108030A	Matrix :	WATER
Ext Btch ID:	DGI004W	% Moisture :	NA
Calib. Ref.:	F108024A	Instrument ID :	GCF010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	5800	800	240

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/01/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/01/10
Batch No.	: 101019	Date Extracted:	09/08/10 10:00
Sample ID:	MW-70-PMW08B-A10-D	Date Analyzed:	09/08/10 17:32
Lab Samp ID:	I019-04	Dilution Factor:	1
Lab File ID:	FI0802/A	Matrix :	WATER
Ext Btch ID:	DGI004W	% Moisture :	NA
Calib. Ref.:	FI08024A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	28	2.0	0.60
METHANE	410E	2.0	0.60

METHOD RSK 175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/01/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/01/10
Batch No. : 101019	Date Extracted: 09/08/10 10:00
Sample ID: MW-70-PMW088-A10-DDL	Date Analyzed: 09/08/10 18:28
Lab Samp ID: 1019-04T	Dilution Factor: 400
Lab File ID: F108031A	Matrix : WATER
Ext Batch ID: DGI004W	% Moisture : NA
Calib. Ref.: F108024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	7000	800	240

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE /O.	Date Received: 09/08/10
Batch No. : 101019	Date Extracted: 09/08/10 10:00
Sample ID: MBLK1W	Date Analyzed: 09/08/10 11:25
Lab Samp ID: DG1004WB	Dilution Factor: 1
Lab File ID: FI08003A	Matrix : WATER
Ext Btch ID: DG1004W	% Moisture : NA
Calib. Ref.: FI08002A	Instrument ID : GCF010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

FMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGI004WB	DGI004WL	DGI004WC		
LAB FILE ID:	FI08003A	FI08004A	FI08005A		
DATE EXTRACTED:	09/08/1010:00	09/08/1010:00	09/08/1010:00	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1011:25	09/08/1011:40	09/08/1011:58	DATE RECEIVED:	09/08/10
PREP. BATCH:	DGI004W	DGI004W	DGI004W		
CALIB. REF:	FI08002A	FI08002A	FI08002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	26.1	103	25.4	24.1	95	8	70-140	30
Ethene	ND	23.7	24.1	102	23.7	22.3	94	8	70-140	30
Methane	ND	13.6	13.0	96	13.6	12.1	89	7	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17195	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

GA
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10F08.MET

06/07/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI08002A 09/08/2010 11:04
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	379631	12.60	-7		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	403919	22.38	-6		15
Ethane	3.083	3.033	3.133	25.4	26515.2	642896	24.25	-5		15
Propane	5.950	5.863	6.037	37.3	28066.5	1012382	36.07	-3		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F108013A 09/08/2010 14:02
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	377178	12.65	-7		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	410010	22.72	-4		15
Ethane	3.083	3.033	3.133	25.4	26515.2	654540	24.68	-3		15
Propane	5.958	5.871	6.045	37.3	28066.5	1032772	36.80	-1		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI08024A 09/08/2010 16:43
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.067	1.038	1.096	13.6	29810.9	459357	15.41	14		15
Ethylene	2.633	2.582	2.684	23.7	18047.8	408088	22.61	-5		15
Ethane	3.067	3.017	3.117	25.4	26515.2	652366	24.60	-3		15
Propane	5.925	5.838	6.012	37.3	28066.5	1016850	36.23	-5		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTQ1D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI08032A 09/08/2010 18:41
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.067	1.038	1.096	13.6	29810.9	457769	15.36	13		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	419832	23.26	-2		15
Ethane	3.083	3.033	3.133	25.4	26515.2	670651	25.29	-0		15
Propane	5.947	5.855	6.029	37.3	28066.5	1041242	37.10	-0		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc ~~(ug/L)~~ in ug/L
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: Ff08.009 - [Batch: f108.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD	Mult.
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF09.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF09.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f09.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f09.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF09.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | untitled - Paint | Calculator | Method Dg10f08.met - B... | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG10004 : H661, H633, I003, I019

Book #: A10-021

Instrument No.: 10

Analytical Sequence: FI08

Method File: DG10F08

Analytical Batch: CDG10F08315

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SSSB-06-38-3	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/8/10

Disposed By:

Date Disposed:

Method: Dg10f08.met Batch: Fi08.seq Data: Fi08.031 - [Batch: fi08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.		ISTD Amt.	Mult.
1	Unknown	IB10I315	dg10f08.met	FI08.001	0	100ml	1	0	1
2	Unknown	CDG10F08315	dg10f08.met	FI08.002	0		1	0	1
3	Unknown	DGI004WB	dg10f08.met	FI08.003	0		1	0	1
4	Unknown	DGI004WL	dg10f08.met	FI08.004	0		1	0	1
5	Unknown	DGI004WC	dg10f08.met	FI08.005	0		1	0	1
6	Unknown	10W661-09	dg10f08.met	FI08.006	0		1	0	1
7	Unknown	10W661-10	dg10f08.met	FI08.007	0		1	0	1
8	Unknown	10W661-09T DF=400	dg10f08.met	FI08.008	0	5ml (20x)	1	0	400
9	Unknown	10W661-10T DF=100	dg10f08.met	FI08.009	0	10ml (10x)	1	0	100
10	Unknown	10I003-07	dg10f08.met	FI08.010	0	100ml	1	0	1
11	Unknown	10I003-07H	dg10f08.met	FI08.011	0		1	0	1
12	Unknown	10I003-07S	dg10f08.met	FI08.012	0		1	0	1
13	Unknown	CDG10F08316	dg10f08.met	FI08.013	0		1	0	1
14	Unknown	10I003-06	dg10f08.met	FI08.014	0		1	0	1
15	Unknown	10I003-08	dg10f08.met	FI08.015	0		1	FINAL 0	1
16	Unknown	10H633-02	dg10f08.met	FI08.016	0		1	0	1
17	Unknown	10H633-04	dg10f08.met	FI08.017	0		1	0	1
18	Unknown	10H633-05	dg10f08.met	FI08.018	0		1	0	1
19	Unknown	10H633-02T DF=5	dg10f08.met	FI08.019	0	20ml	1	0	5
20	Unknown	10H633-04T DF=2	dg10f08.met	FI08.020	0	50ml	1	0	2
21	Unknown	10I019-01	dg10f08.met	FI08.021	0	100ml	1	0	1
22	Unknown	10I019-01T BAD INJ	dg10f08.met	FI08.022	0	—	1	0	1000
23	Unknown	10I019-01T DF=1000 Bad Inj; NOT evaluated	dg10f08.met	FI08.023	0	2ml (200x)	1	0	1000
24	Unknown	CDG10F08317	dg10f08.met	FI08.024	0	100ml	1	0	1
25	Unknown	10I019-02	dg10f08.met	FI08.025	0		1	0	1
26	Unknown	10I019-03	dg10f08.met	FI08.026	0		1	0	1
27	Unknown	10I019-04	dg10f08.met	FI08.027	0		1	0	1
28	Unknown	10I019-01T DF=1000	dg10f08.met	FI08.028	0	2ml (200x)	1	0	1000
29	Unknown	10I019-02T DF=100	dg10f08.met	FI08.029	0	10ml (10x)	1	0	100
30	Unknown	10I019-03T DF=400	dg10f08.met	FI08.030	0	5ml (20x)	1	0	400
31	Unknown	10I019-04T DF=400	dg10f08.met	FI08.031	0		1	0	400
32	Unknown	CDG10F08318	dg10f08.met	FI08.032	0	100ml	1	0	1
33	Unknown	IB	dg10f08.met	FI08.033	0		1	0	1
34	Unknown	IB	dg10f08.met	FI08.034	0		1	0	1
35	Unknown	IB	dg10f08.met	FI08.035	0		1	0	1

SC 9/8/10

Start | EZChrom Chromatography | Method: Dg10f08.met... | untitled - Pain | Method:Dg10f08.met | Calculator | Wednesday, September 08, 2010

EXTRACTION LOGS

EMAX LABORATORIES INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/8/10 Time: 10:00 End Date: 9/8/10 Time: 11:00

PREPARATION BATCH: DGI004

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGI004 WB	39	4	N/A	
02	L				
03	C				
04	10H661-09			<2	
05	-10				
06	10I003-06			<2	
07	-07				
08	-07M				
09	-07S				
10	-08				
11	10H633-02			<2	
12	-04				
13	-05				
14	10I019-01			<2	
15	-02				
16	-03				
17	-04				
18					
19					
20					
21					SC 9/8/10
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-S	1600

Reagent	Lot# / ID
H_2O	Organic free
He	ALPHAGAZ 1 / AIR LIQUIDE

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX Laboratories, Inc.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	LDG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				3c	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I019

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of three (3) water samples were received on 09/01/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI045WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT REG. INC	SDG No	101019
Project	NAS REAL BEACH, IP SITE 78	Instrument ID	ICP5

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data File	Calibration Data File	Prep Batch	Notes
MBLKW	IP1045WB	1	NA	09/14/1117:15	09/14/1111:01	ID81016122	ID81016020	IP1045W	Method Blank
LCSW	IP1045WL	1	NA	09/14/1120:27	09/14/1111:01	ID81016157	ID81016055	IP1045W	Lab Control Sample (LCS)
LCDW	IP1045WD	1	NA	09/14/1121:32	09/14/1111:01	ID81016158	ID81016055	IP1045W	LCS Duplicate
SUCTPIC-WA-25-033AS	1051-014	1	NA	09/14/1117:35	09/14/1111:01	ID81016125	ID81016020	IP1045W	Analytical Spike Sample
SUCTPIC-WA-25-033	1051-31	1	NA	09/14/1117:38	09/14/1111:01	ID81016126	ID81016020	IP1045W	Field Sample
SUCTPIC-WA-25-033DL	1051-032	5	NA	09/14/1117:40	09/14/1111:01	ID81016127	ID81016020	IP1045W	Diluted Sample
WA-TC-PWA15A-A10	1019-027	5	NA	09/15/1016:39	09/14/1111:01	ID81017029	ID81017020	IP1045W	Diluted Sample
WA-TC-PWA15B-A10	1019-03	1	NA	09/14/1020:12	09/14/1111:01	ID81016053	ID81016044	IP1045W	Field Sample
WA-TC-PWA15B-A10 D	1019-04	1	NA	09/14/1020:17	09/14/1111:01	ID81016054	ID81016044	IP1045W	Field Sample

FW - Filtered
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT TEC. INC.	Date Collected	09/01/10 11:58
Project	K&S SEAL BEACH, IR SITE 70	Date Received	09/01/10
SDG NO	101010	Date Extracted	09/14/10 11:00
Sample ID	MW 23 MW08A A10	Date Analyzed	09/15/10 16:39
Lab Samp ID	1010 021	Dilution Factor	5
Lab File ID	I081017029	Matrix	WATER
Ext Btch ID	P10349W	% Moisture	NA
Calib. Ref.	I081017028	Instrument ID	IMAXIID6

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	1.00	0.0250
Iron	2.65	1.00	0.200
Manganese	3.30	1.00	0.0150

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT LLC INC.	Date Collected	09/01/10 12:45
Project	NWS SEAL BEACH, CR SITE 70.	Date Received	09/01/10
SDG NO	1010190	Date Extracted.	09/14/10 11 00
Sample ID	MW-70 PMWCBB-A10	Date Analyzed:	09/14/10 20 02
Lab Samp ID	1019 03	Dilution Factor:	1
Lab File ID	I081016053	Matrix	WATER
Ext Batch ID	P1046W	% Moisture	NA
Calib Ref.	I081016044	Instrument ID	IMAXT10H

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0 200	0 00500
Iron	4 40	0 200	0 0400
Manganese	1 14	0.200	0 00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT FIT, INC	Date Collected	09/01/10 12:50
Project	NWS SEA. BEACH. IR SITE 70	Date Received	09/01/10
SDG NO	: 101019	Date Extracted	09/14/10 11:00
Sample ID	: MW 70-PMW080 A10 D	Date Analyzed	09/14/10 20:07
Lab Samp ID	: 1019-04	Dilution Factor	: 1
Lab File ID	: D081016054	Matrix	: WATER
Ext Batch ID	: 1210406	% Moisture	: NA
Calib Ref.	: D081016044	Instrument ID	: IMAX1D8

PARAMETER	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	4.64	0.200	0.0400
Manganese	1.16	0.200	0.00300

METHOD 3010A/6010A
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ECO. INC	Date Collected:	NA
Project	NWS SEAL BEACH IR SITE 70	Date Received:	09/14/10
SDG NO	101015	Date Extracted:	09/14/10 11:00
Sample ID	MB.KCW	Date Analyzed	09/14/10 17:15
Lab Samp ID	IP1045WB	Dilution Factor	1
Lab File ID	I081014.129	Matrix	WATER
Ext Batch ID	IP1045W	% Moisture	NA
Calib Ref	I081016020	Instrument ID	IMAX1108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
CS/LCD ANALYSIS

CLIENT: INSIGHT ELC INC.
PROJECT: NWS SEAL BEACH, IR SITE 20
SDG NO: 1C1019
METHOD: METHOD 3010A/6010B

MATRIX	WATER			% MOISTURE	NA
DILUTION FACTOR	1	1	1		
SAMPLE ID	MBLKIW				
CONTROL NO.	IP1045WB	IP1045WL	IP1045WC		
LAB FILE ID:	I081C16022	I081C16027	I081C16058		
DATE/TIME EXTR.ID:	09/14/1011:00	09/14/1011:00	09/14/1011:00	DATE COLLECTED	NA
DATE/TIME ANALYZED:	09/14/1017:15	09/14/1020:27	09/14/1020:32	DATE RECEIVED	09/14/10
PREP BATCH:	IP1045W	IP1045W	IP1045W		
CALIB. REF	I081C16020	I081C16055	I081C16055		

ACCESSION:

PARAMETER	BLNK RSLT mg/l	SPIKE AMT mg/l	BS RSLT mg/l	BS % REC	SPIKE AMT mg/l	DUP RSLT mg/l	DUP % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	5	5.46	99	5	5.66	103	0	80-120	20
Iron	ND	5	4.74	95	5	4.73	95	0	80-120	20
Manganese	ND	5	4.62	92	5	4.65	93	1	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT INSIGHT TEC, INC
PROJECT NBS SEAL BEACH, CA SITE 70
BATCH NO 101019
METHOD METHOD 3010A/6010B

MATRIX WATER % MOISTURE NA
DILUTION FACTOR 1 5
SAMPLE ID OCEIPIC MW-25 003 OCEIPIC MW 25 0030
EMAX SAMP ID 1051-01 1051-01J
LAB FILE ID D81016026 D81016027
DATE EXTRACTED 09/14/1011 00 09/14/1011:50 DATE COLLECTED 09/03/10 10 17
DATE ANALYZED 09/14/1017.35 09/14/1017 40 DATE RECEIVED 09/03/10
PREP BATCH IP1045W IP1046W
CALIB FILE D81016020 D81016020

ACCESSION

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QUALIFIER (A)
Arsenic	ND	ND	0	U
Iron	ND	ND	0	U
Manganese	ND	ND	0	U

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT INSIGHT ENG. INC.
PROJECT NWS SEAL BEACH, IR SITE 70
SDG NO. 101019
METHOD METHOD 3010A/6010B

MATRIX WATER % MOISTURE NA
DILUTION FACTOR 1 1
SAMPLE ID: 00LIP17 MW 25-003
CONTROL NO 1051 01 1051 01A
LABELLING ID 1081016025 1081016025
DATIME EXTRCTD 09/14/1011:00 09/14/1011 00 DATE COLLECTED: 09/07/10 10 17
DATIME ANALYZE 09/14/1017:35 09/14/1017 30 DATE RECEIVED: 09/07/10
PREP. BATCH IP1045W IP1045W
CALIB REF 1D81016020 1D81016020

ACCESSION

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Arsenic	ND	5	.562	112	75 125
Iron	ND	5	5.28	104	75 125
Manganese	ND	5	.494	99	75 125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/15/10 14:05

End Date: 9/16/10 03:58

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX 6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

1485-01
02 Fe 7UDR
04 Fe is an interfering
05 element for several
06 analytes. Must be diluted
1485-03 Tl Tnoq.
1431-01 Na "K value" (saturation)

Book #: ADB-016

Instrument No.: D8

Analytical Batch: 1D8 1017

Analytical Sequence: S-1017 6010(026)

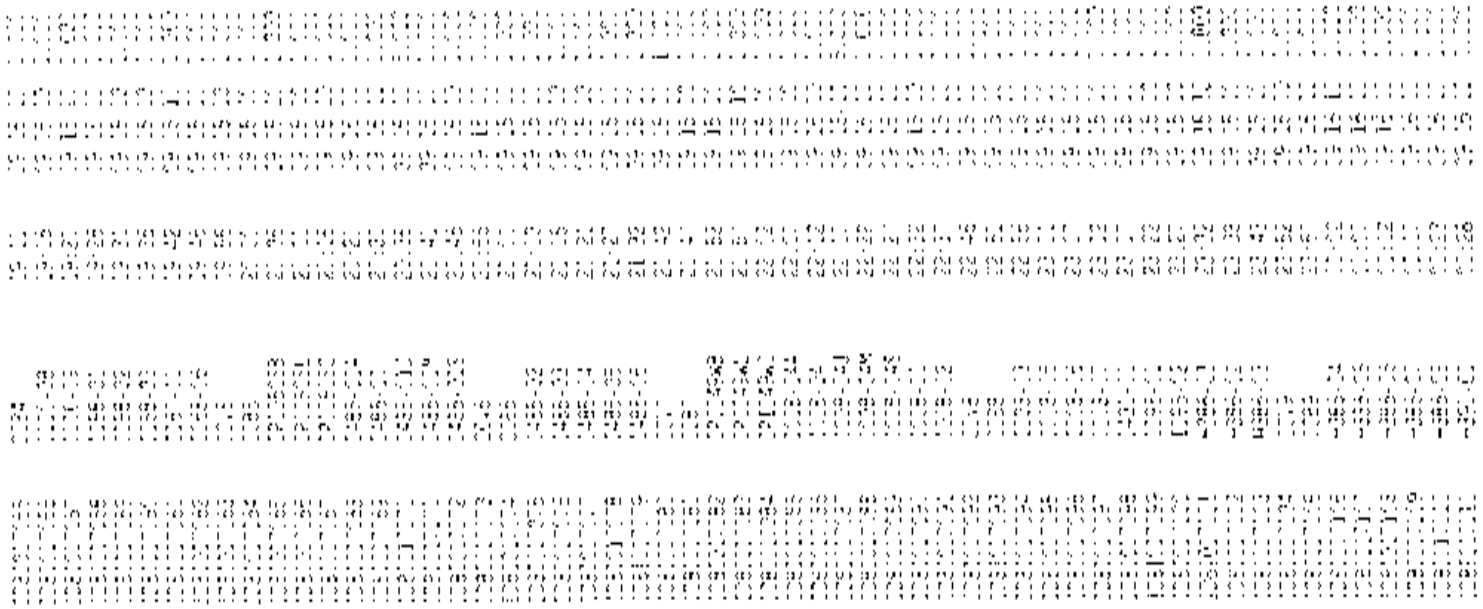
Method File: 1017 6010(026)

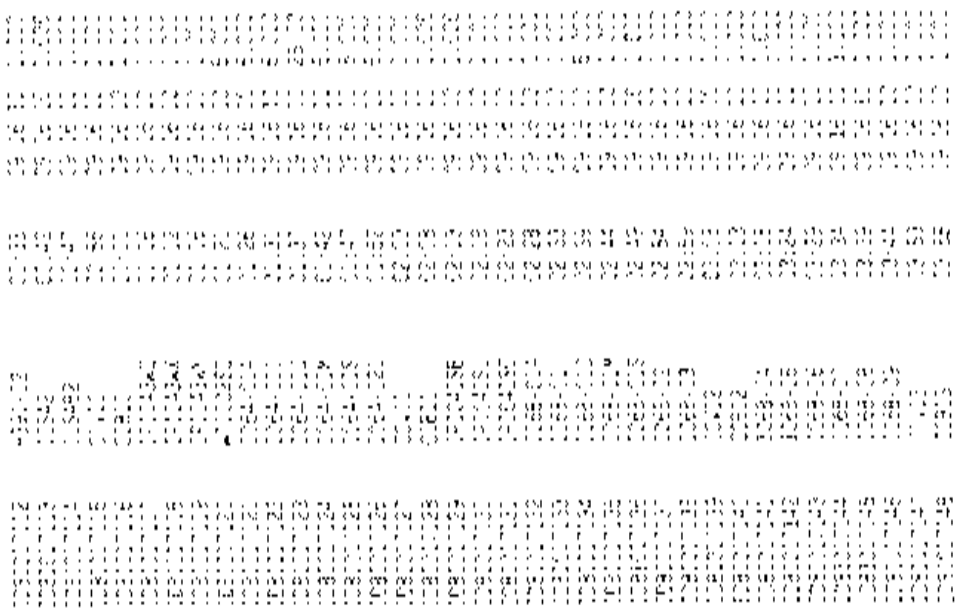
Database: EMAX12

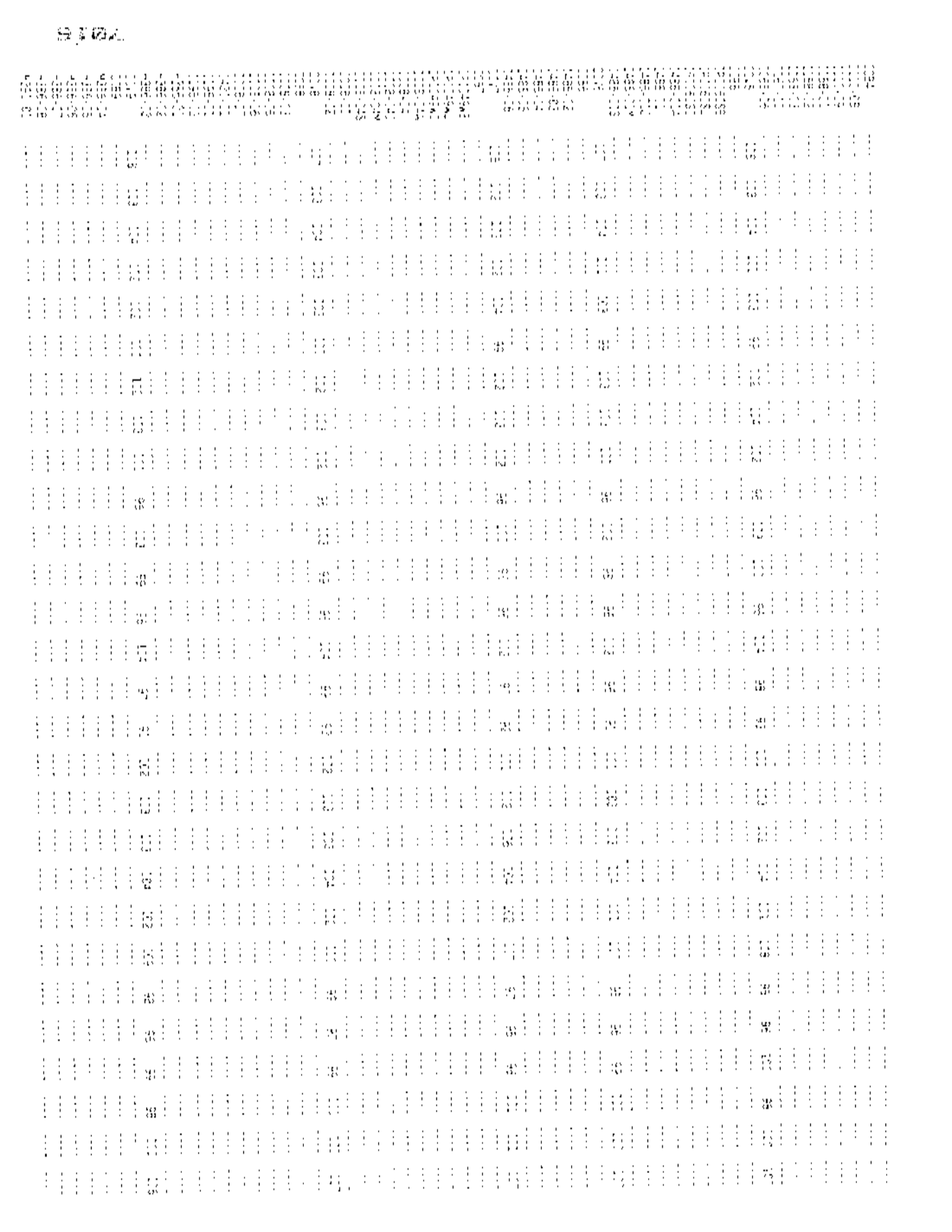
	STANDARDS ID		STANDARDS ID
S0	SM1B14-05-01	S30	SM1B14-02-03
S1	NA	S31	02-04
S2		ICV	SM1B12-04-02
S3		CCV	SM1B14-04-02
S4		ICSA	05 02
S5		ICSAB	0303
S6		CRI/MRL	NA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B12-85-01
S10		MRL2	85 02
S11			
S12			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12 100-02		
S27	100-03		
S28	SM1B14 02-01		
S29	02-02		

Analyzed By: TH

Date: 9/15/10







VARIABLE	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S29	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
S31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	11.9	11.9	-.122	.801	.111	1.36	.104	27.1	.383	.131	.121	4.44	.293	-.790	13.9	.771	1.11	-.180	-49.3	-.320	.243	-77.8	.153	1.16	.370	.842	.943	1.35
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	4.56	-2.31	.193	-.973	-7.32	-1.05	....	-.078	-1.25	-.342	....	-1.13	.526	....	1.73	-2.75	-1.19	-.145	1.31	-.161	-15.1	.353	-.811	1.24	-5.79	-.813	2.62
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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[illegible]	11.2	5.61	.703	.250	.140	1.15	.371	17.1	.151	.690	-.221	5.55	.390	.361	11.2	.135	.991	-.133	-83.9	.172	-.115	-74.5	.110	1.51	.461	.373	.101	.703
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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[illegible]	7.55	7.12	.261	.241	.113	.739	.061	2.27	.113	.160	.011	3.29	.451	-1.78	16.4	.110	1.76	-.167	-82.1	.657	-.156	-.113	.127	1.14	.211	1.47	.050	-.172
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[illegible]	6.44	7.53	.077	.121	.059	.011	.120	-.290	-.121	.149	-.110	4.03	.017	-.691	11.6	.133	1.29	-.221	-81.3	.125	-.014	-.113	.177	1.16	.691	.712	.131	-.030
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[illegible]	6.14	10.6	.197	.156	.061	1.19	.061	-2.40	-.095	.142	.101	4.60	.461	-.293	5.29	.110	1.10	-.210	-69.4	.551	-.160	-.114	.160	1.24	.270	6.51	.050	-.447
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[illegible]	7.63	6.70	.075	.135	.021	.601	.031	.231	.121	.131	-.161	2.13	.352	-.221	11.6	.187	1.19	-.211	-.107	.265	.151	-.123	.161	1.52	.521	6.42	.191	-.371
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[illegible]	12.3	11.1	.291	.429	.131	1.17	.251	.44	.110	.216	.113	3.80	.173	-.311	21.5	.110	1.21	.151	-92.4	.271	-.111	99.8	.111	1.45	.513	.751	.131	2.17
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[illegible]	7.73	7.94	.461	.211	.171	1.31	.077	5.55	.143	.151	.251	1.66	.421	-.150	15.2	.110	1.22	-.171	-60.4	.651	-.171	99.4	.121	1.66	.411	.133	.050	.220
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[illegible]	....	.491	-2.63	.293	-.253	-1.68	-.111	....	+.614	-1.21	.467	- -	.671	.142	....	5.61	-2.63	1.76	-.117	3.31	.161	.175	.693	-1.26	.591	-4.05	-.731	5.75
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	5.78	5.45	-.193	.291	.110	1.63	.161	12.4	.151	.161	.261	3.30	.631	-.591	23.8	.121	1.77	-.117	-66.6	-.213	.111	1.61	.117	1.61	.481	.461	.115	.711
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

DNA_ID	A7	B5	A6	B3	B4	B	D2	D3	C1	C2	C3	F4	F5	J1	K3	M1	M2	N1	O	S6	A4	N3	S1	T1	S4	T3	U	D1
SLPW																												
S21																												
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S30																												
S31																												
T2																												
T3	11.9	11.8	-.101	.521	.113	1.36	.134	27.1	.052	.131	.127	4.44	.392	-.190	13.6	.173	1.31	-.261	-69.8	-.020	.036	-77.9	.159	1.16	.371	.643	.147	1.35
WS_11741																												
WS_11742																												
T1541		4.59	-2.32	.130	-.275	-7.12	-1.05		-.175	-1.25	-.343		-1.33	.322		1.78	-2.19	-1.19	.146	1.31	-.261	-18.3	.380	-.501	1.24	-6.79	-.501	2.62
T1541R1																												
T1541																												
T1521	11.2	9.63	.729	.250	.143	1.128	.173	17.0	.251	.130	-.120	5.89	.390	.136	11.0	.321	.990	-.130	83.9	.173	-.113	-74.8	.131	1.61	.451	.372	.129	.830
T1104151																												
T1104151																												
T1104151																												
4881.164																												
4881.166																												
4881.233																												
4661.137																												
1115.127																												
1142																												
1139	7.35	7.36	-.831	.381	.161	.711	.245	3.31	.231	.126	.115	1.69	.513	-.645	17.4	.223	.963	-.295	-77.7	1.13	.322	-18.9	.140	1.49	.426	.451	.111	-.141
1411.435																												
1126.441																												
1111.431																												
1267.174																												
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1267.174																												
1267.173																												
1267.21																												
1267.22																												
1213	7.59	7.97	1.38	.221	.159	.999	.141	1.65	-.245	.120	.333	3.46	.350	-.711	18.8	.179	1.05	-.273	-96.9	.933	.371	-112	.153	1.21	.361	2.13	.132	.111
1267																												
1267.12																												
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1267.19																												
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1116.11																												
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1116.15																												
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[illegible]	7.85	7.12	.167	.241	.111	.761	.161	2.21	.073	.169	.115	3.29	.451	-1.39	15.4	.111	1.16	-.167	-53.7	.651	-.167	-.119	.121	1.74	.217	1.42	.151	-.177
[illegible]	6.41	7.23	.173	.121	.151	.813	.120	-.261	-.331	.143	-.111	4.13	.311	-.691	11.5	.131	1.29	-.221	-67.3	.121	-.341	-.113	.171	1.76	.461	.711	.135	-.513
[illegible]	5.14	13.5	.391	.153	.136	1.79	.161	-2.42	-.131	.140	.961	4.51	.459	-.259	5.23	.110	1.16	-.213	-49.4	.586	-.191	-.114	.168	1.24	.271	5.67	.151	-.441
[illegible]	7.62	5.77	.273	.162	.121	.833	.123	.231	.321	.143	-.151	2.15	.313	.231	11.6	.181	1.19	-.211	-.197	.263	.263	-.123	.181	1.82	.523	6.43	.121	-.171
[illegible]	12.3	11.1	.290	.421	.131	1.19	.141	44.7	.131	.277	.111	3.91	.171	-.313	21.5	.160	1.27	.151	-93.6	.271	-.111	-93.9	.111	1.66	.313	.151	.151	2.11
[illegible]	7.73	7.94	.463	.211	.676	1.31	.171	5.96	.141	.161	.131	1.66	.421	-.161	15.3	.181	1.22	-.873	-56.4	-.651	-.163	59.4	.137	1.66	.413	.731	.161	.223

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	497	-2.69	.297	-.150	-1.65	-.313	[illegible]	-.610	-1.21	.460	[illegible]	-.620	.341	[illegible]	6.81	-2.63	1.76	-.112	3.01	.781	.779	.660	-1.86	.597	-4.26	-.731	2.75
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	8.75	9.49	-.190	.290	.171	1.63	.761	12.4	.155	.163	.261	5.55	.631	.550	13.8	.121	1.27	-.777	56.0	-.215	.111	4.61	.113	1.51	.481	.451	.123	.270
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sequence Sample List (S_10I6010(v26) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I017001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I017002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I017003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I017004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I017005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I017006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I017007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I017008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I017009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I017010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I017011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I017012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I017013			1	☒	CCV	None
14	1	2	1	1	QC	ICV		ID8I017014			1	☒	3XIDL	None
15	2	2	2	1	QC	ICB		ID8I017015			1	☒	EMAX	None
16	3	2	3	1	QC	MRLI1701		ID8I017016			1	☒	AFCEE	None
17	4	2	4	1	QC	MRLI1702		ID8I017017			1	☒	ICSA-DoD	None
18	5	2	5	1	QC	ICSA1		ID8I017018			1	☒	ICSAB1	None
19	6	2	6	1	QC	ICSAB1		ID8I017019			1	☒	CCV	None
20	7	2	7	1	QC	CCV1		ID8I017020			1	☒	3XIDL	None
21	8	2	8	1	QC	CCB1		ID8I017021			1	☒	CCB	None
22	9	2	9	1	QC	IPI040SQ		ID8I017022			1	☒	LCS	None
23	10	2	10	1	QC	IPI040SX		ID8I017023			1	☒	LCS	None
24	11	2	11	1	QC	IPI040SY		ID8I017024			1	☒	unk	—
25	12	2	12	1	Unk	H380-06A		ID8I017025			1	☒	unk	—
26	13	2	1	2	Unk	H380-06W		ID8I017026			1	☒	unk	—
27	14	2	2	2	Unk	H380-06J		ID8I017027			1	☒	unk	—
28	15	2	3	2	Unk	H661-09T	5X	ID8I017028			1	☒	unk	—
29	16	2	4	2	Unk	I019-02T	5X	ID8I017029			1	☒	CCV	None
30	18	2	6	2	QC	CCV2		ID8I017030			1	☒	3XIDL	None
31	19	2	7	2	QC	CCB2		ID8I017031			1	☒	CCB	None
32	20	2	8	2	QC	IPI044SB		ID8I017032			1	☒	LCS	None
33	21	2	9	2	QC	IPI044SL		ID8I017033			1	☒	LCS	None
34	22	2	10	2	QC	IPI044SC		ID8I017034			1	☒	unk	—
35	23	2	11	2	Unk	I167-07A		ID8I017035			1	☒	unk	—
36	24	2	12	2	Unk	I167-07		ID8I017036			1	☒	unk	—
37	25	2	1	3	Unk	I167-07J		ID8I017037			1	☒	unk	—
38	26	2	2	3	Unk	I167-07M		ID8I017038			1	☒	unk	—
39	27	2	3	3	Unk	I167-07S		ID8I017039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
40	28	2	4	3	Unk	I167-01		ID8I017040			1	☒	unk	—
41	29	2	5	3	Unk	I167-02		ID8I017041			1	☒	unk	—
42	30	2	6	3	QC	CCV3		ID8I017042			1	☒	CCV	None
43	31	2	7	3	QC	CCB3		ID8I017043			1	☒	3XIDL	None
44	32	2	8	3	Unk	I167-03		ID8I017044			1	☒	unk	—
45	33	2	9	3	Unk	I167-04		ID8I017045			1	☒	unk	—
46	34	2	10	3	Unk	I167-05		ID8I017046			1	☒	unk	—
47	35	2	11	3	Unk	I167-06		ID8I017047			1	☒	unk	—
48	36	2	12	3	Unk	I167-08		ID8I017048			1	☒	unk	—
49	37	2	1	4	Unk	I167-09		ID8I017049			1	☒	unk	—
50	38	2	2	4	Unk	I167-10		ID8I017050			1	☒	unk	—
51	39	2	3	4	Unk	I110-01		ID8I017051			1	☒	unk	—
52	40	2	4	4	Unk	I110-03		ID8I017052			1	☒	unk	—
53	41	2	5	4	Unk	I110-05		ID8I017053			1	☒	unk	—
54	42	2	6	4	QC	CCV4		ID8I017054			1	☒	CCV	None
55	43	2	7	4	QC	CCB4		ID8I017055			1	☒	3XIDL	None
56	44	2	8	4	Unk	I110-08		ID8I017056			1	☒	unk	—
57	45	2	9	4	Unk	I110-09		ID8I017057			1	☒	unk	—
58	46	2	10	4	Unk	I158-01		ID8I017058			1	☒	unk	—
59	47	2	11	4	Unk	I158-02		ID8I017059			1	☒	unk	—
60	48	2	12	4	Unk	I158-03		ID8I017060			1	☒	unk	—
61	49	2	1	5	Unk	I167-11		ID8I017061			1	☒	unk	—
62	17	2	5	2	Unk	I068-06	Da "K" de ✓	ID8I017062			1	☒	unk	—
63	50	2	2	5	QC	CCV5		ID8I017063			1	☒	CCV	None
64	51	2	3	5	QC	CCB5		ID8I017064			1	☒	3XIDL	None
65	72	3	12	1	QC	IFI050SB		ID8I017065			1	☒	CCB	None
66	73	3	1	2	QC	IPI050SL		ID8I017066			1	☒	LCS	None
67	74	3	2	2	QC	IPI050SC		ID8I017067			1	☒	LCS	None
68	75	3	3	2	Unk	I485-01A	FE 7LOR	ID8I017068			1	☒	unk	—
69	76	3	4	2	Unk	I485-01	FE 7LOR	ID8I017069			1	☒	unk	—
70	77	3	5	2	Unk	I485-01J		ID8I017070			1	☒	unk	—
71	78	3	6	2	Unk	I485-01M	FE 7LOR	ID8I017071			1	☒	unk	—
72	79	3	7	2	Unk	I485-01S	FE 7LOR	ID8I017072			1	☒	unk	—
73	82	3	10	2	QC	CCV6		ID8I017073			1	☒	CCV	None
74	83	3	11	2	QC	CCB6 Sb I		ID8I017074			1	☒	3XIDL	None
75	80	3	8	2	Unk	I485-02	FE 7LOR	ID8I017075			1	☒	unk	—
76	81	3	9	2	Unk	I485-03	-II SbND	ID8I017076			1	☒	unk	—
77	84	3	12	2	Unk	I485-04	FE 7LOR	ID8I017077			1	☒	unk	—
78	85	3	1	3	Unk	I485-05	FE 7LOR	ID8I017078			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
79	86	3	2	3	Unk	I485-06	Fe 7ug/L	ID8I017079			1	☒	unk	—
80	87	3	3	3	QC	CCV7		ID8I017080			1	☒	CCV	None
81	88	3	4	3	QC	CCB7		ID8I017081			1	☒	3XIDL	None
82	89	3	5	3	QC	IPI049WB		ID8I017082			1	☒	CCB	None
83	90	3	6	3	QC	IPI049WL		ID8I017083			1	☒	LCS	None
84	91	3	7	3	QC	IPI049WC		ID8I017084			1	☒	LCS	None
85	92	3	8	3	Unk	I008-04A		ID8I017085			1	☒	unk	—
86	93	3	9	3	Unk	I008-04		ID8I017086			1	☒	unk	—
87	94	3	10	3	Unk	I008-04J		ID8I017087			1	☒	unk	—
88	95	3	11	3	Unk	I008-04M		ID8I017088			1	☒	unk	—
89	96	3	12	3	Unk	I008-04S		ID8I017089			1	☒	unk	—
90	97	3	1	4	Unk	I008-01		ID8I017090			1	☒	unk	—
91	98	3	2	4	Unk	I008-02		ID8I017091			1	☒	unk	—
92	99	3	3	4	QC	CCV8		ID8I017092			1	☒	CCV	None
93	100	3	4	4	QC	CCB8		ID8I017093			1	☒	3XIDL	None
94	101	3	5	4	Unk	I008-03		ID8I017094			1	☒	unk	—
95	102	3	6	4	Unk	I008-05		ID8I017095			1	☒	unk	—
96	103	3	7	4	Unk	I008-06		ID8I017096			1	☒	unk	—
97	104	3	8	4	Unk	I008-07		ID8I017097			1	☒	unk	—
98	105	3	9	4	Unk	I431-01	Sb WD NaK"	ID8I017098			1	☒	unk	—
99	106	3	10	4	Unk	I195-01		ID8I017099			1	☒	unk	—
100	107	3	11	4	Unk	I195-02		ID8I017100			1	☒	unk	—
101	108	3	12	4	Unk	H386-01		ID8I017101			1	☒	unk	—
102	109	3	1	5	Unk	H386-02		ID8I017102			1	☒	unk	—
103	110	3	2	5	Unk	H386-03		ID8I017103			1	☒	unk	—
104	111	3	3	5	QC	CCV9		ID8I017104			1	☒	CCV	None
105	112	3	4	5	QC	CCB9		ID8I017105			1	☒	3XIDL	None
106	113	3	5	5	Unk	H386-04		ID8I017106			1	☒	unk	—
107	114	3	6	5	Unk	H386-05		ID8I017107			1	☒	unk	—
108	115	3	7	5	Unk	H386-06		ID8I017108			1	☒	unk	—
109	116	3	8	5	Unk	H386-07		ID8I017109			1	☒	unk	—
110	117	3	9	5	Unk	H386-08		ID8I017110			1	☒	unk	—
111	118	3	10	5	Unk	H391-01		ID8I017111			1	☒	unk	—
112	119	3	11	5	Unk	H391-02		ID8I017112			1	☒	unk	—
113	120	3	12	5	QC	ICSA2		ID8I017113			1	☒	ICSA	None
114	121	4	1	1	QC	ICSAB2		ID8I017114			1	☒	ICSAB1	None
115	122	4	2	1	QC	CCV10	No Hg/L	ID8I017115			1	☒	CCV	None
116	123	4	3	1	QC	CCB10		ID8I017116			1	☒	3XIDL	None
117	126	4	8	1	QC	IPI043WQ		ID8I017117			1	☒	CCB	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
118	129	4	9	1	QC	IPI043WX		ID8I017118			1	☒	LCS	None
119	130	4	10	1	QC	IPI043WY		ID8I017119			1	☒	LCS	None
120	131	4	11	1	QC	WTI002SQ	5X	ID8I017120			1	☒	CCB	None
121	132	4	12	1	Unk	I064-01A	5X	ID8I017121			1	☒	unk	—
122	133	4	1	2	Unk	I064-01I	5X	ID8I017122			1	☒	unk	—
123	134	4	2	2	Unk	I064-01J	25X	ID8I017123			1	☒	unk	—
124	135	4	3	2	Unk	I064-01M	5X	ID8I017124			1	☒	unk	—
125	136	4	4	2	Unk	I064-01S	5X	ID8I017125			1	☒	unk	—
126	137	4	5	2	Unk	I064-02I	5X	ID8I017126			1	☒	unk	—
127	138	4	6	2	QC	CCV11		ID8I017127			1	☒	CCV	None
128	139	4	7	2	QC	CCB11		ID8I017128			1	☒	3XIDL	None
129	52	2	4	5	QC	IPI041SB		ID8I017129			1	☒	CCB	None
130	53	2	5	5	QC	IPI041SL		ID8I017130			1	☒	LCS	None
131	54	2	6	5	QC	IPI041SC		ID8I017131			1	☒	LCS	None
132	55	2	7	5	Unk	I068-01A	dried & sieved	ID8I017132			1	☒	unk	—
133	56	2	8	5	Unk	I068-01	dried & sieved	ID8I017133			1	☒	unk	—
134	57	2	9	5	Unk	I068-01J	dried & sieved	ID8I017134			1	☒	unk	—
135	58	2	10	5	Unk	I068-01M	dried & sieved	ID8I017135			1	☒	unk	—
136	59	2	11	5	Unk	I068-01S	dried & sieved	ID8I017136			1	☒	unk	—
137	60	2	12	5	Unk	I068-02	dried & sieved	ID8I017137			1	☒	unk	—
138	61	3	1	1	Unk	I068-03	dried & sieved	ID8I017138			1	☒	unk	—
139	62	3	2	1	QC	CCV12		ID8I017139			1	☒	CCV	None
140	63	3	3	1	QC	CCB12		ID8I017140			1	☒	3XIDL	None
141	64	3	4	1	Unk	I068-04	dried & sieved	ID8I017141			1	☒	unk	—
142	65	3	5	1	Unk	I068-05	dried & sieved	ID8I017142			1	☒	unk	—
143	66	3	6	1	Unk	I068-06	dried & sieved	ID8I017143			1	☒	unk	—
144	67	3	7	1	Unk	I068-07	dried & sieved	ID8I017144			1	☒	unk	—
145	68	3	8	1	Unk	I068-08	dried & sieved	ID8I017145			1	☒	unk	—
146	69	3	9	1	Unk	I068-09	dried & sieved	ID8I017146			1	☒	unk	—
147	70	3	10	1	QC	CCV13		ID8I017147			1	☒	CCV	None
148	71	3	11	1	QC	CCB13		ID8I017148			1	☒	3XIDL	None

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INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00011	.00001	.00000	.00017	.00010	.00017	-.00066	.00051	-.00004	-.00093	Blank
2	S20					.89814		2.8387				S20
3	S21					8.5691		27.265				S21
4	S22				.47237						.16123	S22
5	S23				4.5505						1.6869	S23
6	S24						.09229					S24
7	S25						.94261					S25
8	S26	.19305							.97025	.13486		S26
9	S27	6.9466							8.9295	1.2895		S27
10	S28		.00538									S28
11	S29		.05297									S29
12	S30			.00120								S30
13	S31			.00479								S31
14	ICV	108.19	1.5541	1.0341	2.0022	1.5463	2.4638	2.0428	79.468	2.5281	.95982	ICV
15	ICB	.01192	.01181*	-.00010	.00050	.00011	.00136	.00004	.02713	.00008	.00013	ICB
16	MRLI1701	.22095	.10398	.01064	.01040	.01025	.01002	.01011	1.0338	.01052	.00948	MRLI1701
17	MRLI1702	.22598	.05315	.01056	.00554	.00409	.09533	.00510	.55545	.01026	.00968	MRLI1702
18	ICSA1	399.46	.00459	-.00230	.00019	-.00007	-.00712	-.00105	479.39	-.00007	-.00125	ICSA1
19	ICSAB1	399.58	1.0304	1.0330	.51370	.48654	.47524	1.0020	472.25	.46410	.45772	ICSAB1
20	CCV1	105.98	1.5510	1.0297	2.0125	1.5586	2.4711	2.0501	77.109	2.5287	.96501	CCV1
21	CCB1	.01118	.00860*	.00070	.00028	.00014	.00118	.00007	.01700	.00005	.00009	CCB1
22	IPI040SQ	.02140	.00128	.00142	.00021	.00012	.00112	.00011	.03054	.00010	.00018	IPI040SQ
23	IPI040SX	5.4890	2.5302	.51777	.50851	.52313	.47213	.54784	52.102	.52257	.51233	IPI040SX
24	IPI040SY	5.2547	2.4673	.49475	.49146	.51178	.45346	.53150	50.705	.50597	.49815	IPI040SY
25	H380-06A	61.508	2.4733	.54803	2.1743	.53268	.47433	.54572	61.407	.65546	.52136	H380-06A
26	H380-06W	56.187	.00780	.03009	1.6856	.00202	.00951	.00058	10.472	.14132	.01349	H380-06W
27	H380-06J	11.906	.00328	.00530	.34210	.00038	.00161	.00001	2.3180	.02854	.00279	H380-06J
28	H661-09T	.00705	.00181	-.00118	.05479	-.00007	.31787	-.00030	412.39	.00033	-.00059	H661-09T
29	I019-02T	.00353	.00124	-.00170	.03060	-.00005	.14420	-.00022	354.60	.00016	-.00043	I019-02T
30	CCV2	108.65	1.5473	1.0388	2.0034	1.5444	2.4795	2.0489	77.581	2.5231	.96166	CCV2
31	CC82	.00758	.00738*	-.00063	.00018	.00005	.00071	.00004	.00330	-.00003	.00012	CCB2
32	IPI044SB	.01627	.00123	.00077	.00027	.00014	.00074	.00009	.04481	-.00003	.00023	IPI044SB
33	IPI044SL	5.4257	2.5472	.52440	.51890	.52886	.47599	.55473	51.980	.52772	.51807	IPI044SL
34	IPI044SC	5.2936	2.4730	.50603	.49982	.51067	.45954	.53753	51.141	.51066	.50143	IPI044SC
35	I167-07A	60.685	2.4471	.50469	.77938	.48319	.49455	.50535	78.386	.62699	.51574	I167-07A
36	I167-07	55.089	.01113	.01589	.32098	.00210	.04048	.00335	28.856	.15572	.04760	I167-07
37	I167-07J	11.004	.00407	.00285	.06409	.00038	.00797	.00037	5.7500	.03071	.00922	I167-07J
38	I167-07M	59.975	2.2976	.50675	.78776	.48340	.48428	.51018	76.990	.62892	.52111	I167-07M
39	I167-07S	61.179	2.3485	.51588	.79825	.49688	.49363	.51885	79.272	.64241	.53226	I167-07S
40	I167-01	63.316	.01387	.01954	.31509	.00233	.03269	.01109	7.7394	.21575	.06255	I167-01
41	I167-02	96.426	.00433	.01044	.94301	.00124	.00422	-.00102	20.898	.20380	.08091	I167-02
42	CCV3	108.46	1.5512	1.0418	2.0055	1.5457	2.4786	2.0506	77.796	2.5357	.96128	CCV3
43	CCB3	.00759	.00797*	.00139	.00020	.00005	.00099	.00004	.00106	-.00004	.00011	CCB3
44	I167-03	96.122	.00599	.01778	.73589	.00245	.02477	.00026	23.072	.20422	.07502	I167-03
45	I167-04	87.799	.00287	.02094	.63560	.00229	.03468	.00040	30.152	.19070	.07062	I167-04
46	I167-05	59.390	.01186	.02195	.41369	.00225	.07880	.00665	90.250	.19726	.05675	I167-05
47	I167-06	95.604	-.00057	.00922	.83343	.00104	.00135	-.00172	17.727	.20480	.07842	I167-06
48	I167-08	89.684	.00094	.02662	.13950	.00373	.04887	-.00246	5.0398	.29374	.08572	I167-08
49	I167-09	59.761	.00086	.01785	.22869	.00217	.03667	-.00172	4.5491	.19921	.05012	I167-09
50	I167-10	78.940	.00095	.02515	.14418	.00352	.04557	-.00148	3.2233	.24897	.08264	I167-10
51	I110-01	38.668	.00156	.01271	.56242	.00140	.00306	.00010	71.598	.14373	.04482	I110-01
52	I110-03	58.929	.00414	.02748	.75686	.00232	.00475	.00575	46.561	.12646	.05581	I110-03
53	I110-05	70.917	.00176	.01542	.69248	.00265	.01493	-.00032	16.132	.08641	.03549	I110-05
54	CCV4	107.08	1.5431	1.0272	2.0103	1.5594	2.4609	2.0486	76.952	2.5185	.96584	CCV4

55	CCB4	.00755	.00712*	.00006	.00024	.00010	.00075	.00006	.00225	.00000	.00016	CCB4
56	I110-08	76.676	.00479	.02005	1.0908	.00302	.02041	.00454	49.769	.10043	.05842	I110-08
57	I110-09	74.661	.00319	.02196	3.8745	.00259	.00521	.00515	36.044	.10855	.05514	I110-09
58	I158-01	97.050	.01142	.10819	.95634	.00849	.01584	.02278	14.561	.44222	.14579	I158-01
59	I158-02	82.946	.01059	.09988	.82846	.00677	.01578	.01829	11.609	.49246	.11957	I158-02
60	I158-03	104.88	.00944	.10138	1.2462	.00850	.01977	.01565	12.493	.41420	.12483	I158-03
61	I167-11	36.216	.00600	.01758	.23982	.00179	.01435	.00135	12.717	.13514	.04483	I167-11
62	I068-06	16.120	-.00020	.02137	.21718	.00127	.02950	.03401	*****	.10446	.01343	I068-06
63	CCV5	108.36	1.5446	1.0426	2.0214	1.5431	2.4803	2.0474	78.058	2.5405	.95977	CCV5
64	CCB5	.00644	.00783*	.00007	.00012	.00005	.00060	.00002	-.00026	-.00002	.00014	CCB5
65	IPI050SB	.01842	.00061	.00087	.00016	.00005	.00117	.00009	.04430	.00003	.00017	IPI050SB
66	IPI050SL	5.1130	2.4310	.49149	.48801	.49607	.45503	.52021	51.167	.49705	.48628	IPI050SL
67	IPI050SC	5.1858	2.4738	.50138	.49617	.50270	.46218	.52727	51.738	.50479	.49152	IPI050SC
68	I485-01A	250.85	2.7001	.59060	2.1520	.47921	.57076	.51476	666.28	1.6338	.82742	I485-01A
69	I485-01	254.41	.02031	.04109	1.7337	.00660	.09333	.00738	651.98	1.1943	.36824	I485-01
70	I485-01J	49.833	.00500	.00733	.34208	.00134	.01274	-.00071	142.12	.23416	.07309	I485-01J
71	I485-01M	300.41	2.2327	.55495	1.7263	.48931	.56763	.51337	740.92	1.7184	1.1890	I485-01M
72	I485-01S	316.13	2.1557	.56514	1.6306	.49142	.58115	.51580	677.43	1.8258	.82454	I485-01S
73	CCV6	106.52	1.5491	1.0416	2.0220	1.5450	2.4788	2.0528	77.010	2.5337	.96418	CCV6
74	CCB6	.00514	.01083*	.00039	.00015	.00006	.00119	.00006	-.00240	-.00005	.00014	CCB6
75	I485-02	307.30	.01064	.03735	2.0057	.00760	.15960	.00834	1174.3*	1.1741	.36137	I485-02
76	I485-03	208.16	.00861	.03348	.99377	.00532	.11344	.00596	671.91	.92391	.26465	I485-03
77	I485-04	281.30	.01027	.04734	1.0493	.00609	.10181	.00792	331.97	1.5467	.36666	I485-04
78	I485-05	295.26	.04523	.05058	1.3194	.00750	.15505	.00946	1220.0*	1.3469	.33051	I485-05
79	I485-06	287.30	.01312	.04327	1.3865	.00682	.13791	.00834	1069.6*	1.2239	.32938	I485-06
80	CCV7	105.38	1.5345	1.0248	2.0345	1.5579	2.4869	2.0396	77.011	2.5472	.96079	CCV7
81	CCB7	.00763	.00870*	.00037	.00015	.00002	.00063	.00003	.00023	.00002	.00009	CCB7
82	IPI049WB	.00872	.00137	.00066	.00027	.00005	.00006	.00007	.02286	-.00011	.00017	IPI049WB
83	IPI049WL	5.7342	2.6173	.53635	.51549	.50936	.51831	.53565	51.944	.51450	.49480	IPI049WL
84	IPI049WC	5.8161	2.8069	.54300	.51556	.51052	.56250	.53371	54.664	.51490	.49066	IPI049WC
85	I008-04A	5.9093	2.6423	.56916	.61156	.52658	.56452	.54352	81.668	.52576	.49715	I008-04A
86	I008-04	.01893	.02218	-.00017	.08495	.00010	.03638	.00009	30.936	.00742	.00117	I008-04
87	I008-04J	.00039	.00850	-.00004	.01718	.00001	.00684	.00004	6.2073	.00142	.00028	I008-04J
88	I008-04M	5.8432	2.6916	.56259	.61161	.50563	.57460	.53776	83.680	.51875	.49383	I008-04M
89	I008-04S	5.9545	2.8401	.56905	.61503	.51271	.60238	.54364	85.510	.52196	.49970	I008-04S
90	I008-01	.00900	.02418	.00007	.09124	.00016	.03346	.00009	38.127	.01272	.00074	I008-01
91	I008-02	.01046	.00823	.00628	.10376	-.00002	.03208	.00000	40.356	.00335	.00363	I008-02
92	CCV8	107.15	1.5403	1.0421	2.0501	1.5337	2.5045	2.0420	77.267	2.5479	.96074	CCV8
93	CCB8	.01202	.01110*	.00029	.00042	.00013	.00109	.00016	.04473	.00013	.00020	CCB8
94	I008-03	.01763	.00408	.00068	.06675	.00017	.03624	.00014	22.938	.01118	.00066	I008-03
95	I008-05	.00924	.00217	.01332	.17085	-.00003	.03771	-.00008	108.10	.00120	.00404	I008-05
96	I008-06	.00798	.00088	.00056	.08193	-.00005	.03095	.00006	30.461	.00622	-.00002	I008-06
97	I008-07	.01734	.00148	-.00061	.05189	-.00005	.02934	.00004	18.979	.00468	.00002	I008-07
98	I431-01	.13257	.00681	.00624	.02392	-.00002	.49011	-.00009	48.001	.00769	.00010	I431-01
99	I195-01	1.6503	.00211	.00243	.10895	.00025	.22794	.00031	76.967	.00184	.00327	I195-01
100	I195-02	.03554	.00009	-.00078	.09285	-.00006	.15580	-.00001	93.094	.00055	.00086	I195-02
101	H386-01	.04638	.00075	.00070	.15501	-.00004	.20192	-.00001	26.076	.00034	-.00016	H386-01
102	H386-02	.01358	.00021	.00456	.24807	-.00004	.18714	-.00001	34.893	.00017	.00003	H386-02
103	H386-03	.01019	-.00045	.00891	.26177	-.00004	.10429	.00002	55.829	.00041	.00018	H386-03
104	CCV9	107.99	1.5390	1.0364	2.0378	1.5331	2.4889	2.0458	77.079	2.5339	.96285	CCV9
105	CCB9	.00773	.00794*	.00045	.00020	.00007	.00131	.00007	.00896	.00004	.00016	CCB9
106	H386-04	.01437	.00117	.12731	.14511	.00009	.52526	.00008	15.671	.00020	.00008	H386-04
107	H386-05	.00781	.00044	.00311	.35320	-.00004	.09180	-.00001	59.783	.00036	.00042	H386-05
108	H386-06	.00582	.00028	.01736	.63594	-.00004	.09404	.00002	64.076	.00024	.00023	H386-06
109	H386-07	.00971	-.00049	.00753	.19164	-.00004	.08623	-.00001	56.276	.00028	.00023	H386-07
110	H386-08	.00914	.00000	.00143	.18655	-.00002	.32361	-.00004	32.557	.00025	.00011	H386-08
111	H391-01	.01762	-.00036	.00092	.00380	-.00006	.09666	.00004	.68298	-.00006	.00016	H391-01

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
112	H391-02	.00967	-.00046	.00107	.00096	-.00004	.10089	.00007	.70759	.00013	.00021	H391-02
113	ICSA2	399.68	.00049	-.00263	.00029	-.00005	-.00168	-.00001	482.46	-.00061	-.00121	ICSA2
114	ICSAB2	396.63	1.0313	1.0712	.54137	.48239	.49751	1.0222	472.18	.47317	.46475	ICSAB2
115	CCV10	106.77	1.5328	1.0535	2.0768	1.5181	2.5037	2.0619	76.623	2.5395	.96449	CCV10
116	CCB10	.00878	.00849*	-.00019	.00029	.00010	.00153	.00016	.01238	.00005	.00016	CCB10
117	IPI043WQ	.00978	.00093	.00118	.00020	.00008	.00047	.00012	.00833	-.00003	.00015	IPI043WQ
118	IPI043WX	5.4885	2.5430	.52916	.51416	.50288	.50005	.53007	51.994	.50543	.49061	IPI043WX
119	IPI043WY	5.6410	2.5711	.54291	.52115	.50931	.51114	.53472	52.109	.51230	.49262	IPI043WY
120	WTI002SQ	.00529	.01525	.00054	.00062	-.00002	.00192	-.00001	.03293	.00060	-.00001	WTI002SQ
121	I064-01A	57.296	5.3285	1.2105	1.3081	1.0288	1.1197	1.1079	74.754	1.0699	1.0118	I064-01A
122	I064-01I	45.238	.00772	.01861	.24847	.00054	.07313	.00059	24.245	.01322	.00358	I064-01I
123	I064-01J	8.7049	.00325	.00330	.04948	.00020	.01363	.00018	4.7834	.00264	.00081	I064-01J
124	I064-01M	53.535	.54158	.13605	.39116	.10339	.19184	.10935	38.222	.11923	.10314	I064-01M
125	I064-01S	52.130	.55454	.13926	.38721	.10702	.19163	.11351	37.678	.12294	.10696	I064-01S
126	I064-02I	107.37	.00282	.02621	.35328	.00069	.19398	.00063	34.981	.02190	.00554	I064-02I
127	CCV11	107.07	1.5346	1.0402	2.0522	1.5291	2.4813	2.0553	76.807	2.5290	.96509	CCV11
128	CCB11	.01190	.00853*	.00062	.00026	.00010	.00134	.00014	.01314	.00025	.00019	CCB11
129	IPI041SB	.01631	.00091	.00075	.00714*	.00015	.00093	.00011	.01612	.00009	.00015	IPI041SB
130	IPI041SL	5.3952	2.4903	.52184	.52212	.51436	.47187	.55040	51.384	.52142	.51265	IPI041SL
131	IPI041SC	5.2564	2.4616	.51174	.51156	.50500	.46190	.54008	50.879	.51169	.50283	IPI041SC
132	I068-01A	88.768	2.5091	.61648	1.2757	.52588	.48968	1.1254	176.82	.63067	.60715	I068-01A
133	I068-01	84.241	.03177	.08182	.76699	.00674	.01624	.60314	131.75	.12795	.10756	I068-01
134	I068-01J	17.314	.01031	.01769	.15032	.00129	.00232	.11707	27.195	.02575	.02091	I068-01J
135	I068-01M	90.999	1.7449	.55939	1.2425	.47700	.41007	1.0862	170.95	.57753	.56485	I068-01M
136	I068-01S	105.09	1.7986	.55962	1.2256	.47662	.41806	1.0651	169.89	.59462	.56475	I068-01S
137	I068-02	38.003	.08731	.11882	1.3518	.00490	.03017	1.4111	281.90	.18581	.06264	I068-02
138	I068-03	30.980	.03514	.06525	.21603	.00373	.02038	1.7596	292.51	.11618	.06563	I068-03
139	CCV12	106.67	1.5296	1.0488	2.0706	1.5175	2.4888	2.0582	76.534	2.5371	.96512	CCV12
140	CCB12	.00871	.00854*	.00048	.00023	.00016	.00154	.00007	.00130	.00019	.00013	CCB12
141	I068-04	34.183	.03765	.06942	.20717	.00429	.02638	1.9659	334.79	.13634	.06673	I068-04
142	I068-05	26.853	.04466	.08728	.27264	.00580	.03089	2.2397	409.45	.13084	.04588	I068-05
143	I068-06	36.878	.01043	.04452	.52824	.00273	.03703	.21756	1896.9*	.21033	.02870	I068-06
144	I068-07	17.015	.04041	.05809	.23014	.00327	.02830	3.3415	181.80	.08623	.02580	I068-07
145	I068-08	65.984	.03128	.07076	.52760	.00521	.01657	1.7078	148.36	.10548	.05151	I068-08
146	I068-09	56.191	.05576	.07805	.55961	.00630	.02089	3.3634	232.38	.11235	.09788	I068-09
147	CCV13	105.86	1.5355	1.0533	2.0932	1.5169	2.5124	2.0564	76.404	2.5478	.96579	CCV13
148	CCB13	.00676	.00707*	-.00042	.00023	.00011	.00133	.00005	-.00184	.00011	.00005	CCB13

ID8I017 Section 1 of 3

ID8I017 Section 2 of 3

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00083	.00001	.00002	.00005	-.00001	.00003	.00005	-.00052	.00015	.00001	Blank
2	S20			.20711			.11228					S20
3	S21			2.0431			1.1040					S21
4	S22	.27974	.04996									S22
5	S23	2.6945	1.9427									S23
6	S24							.72216				S24
7	S25							7.2018				S25
8	S26								.78088	.25136		S26
9	S27								7.2258	2.4383		S27
10	S28					.10564						S28
11	S29					.43512						S29
12	S30				.02191						.00141	S30
13	S31				.10820						.00557	S31
14	ICV	2.5465	24.817	2.3960	.51072	58.460	2.3046	2.5244	2.5742	61.263	1.0375	ICV
15	ICB	.00012	.00444	.00039	-.00079	.01382	.00017	.00101*	-.00008	-.06980	-.00032	ICB
16	MRLI1701	.00990	.20795	.01025	.00937	.93444	.01002	.01034	.01031	.90749	.01045	MRLI1701
17	MRLI1702	.01015	.10465	.00353	.09829	.20873	.00526	.01018	.01041	.91009	.00973	MRLI1702
18	ICSA1	-.00034	187.15	-.00103	.00002	187.37	.00178	-.00219	-.00119	-.14537*	.00131	ICSA1
19	ICSAB1	.51223	185.25	.90254	1.0472	183.24	.43401	1.00000	.98712	78.630	1.0345	ICSAB1
20	CCV1	2.5022	24.252	2.4006	.50796	57.794	2.2929	2.5301	2.5765	62.350	1.0425	CCV1
21	CCB1	-.00002	.00589	.00039	.00006	.01101	.00010	.00099*	-.00013	-.08388	.00017	CCB1
22	IPI040SQ	.00013	.00570	.00048	-.00157	.02443	.00026	.00019	.00018	-.09475	-.00067	IPI040SQ
23	IPI040SX	.51872	5.2347	.51017	-.00111*	47.332	.48800	.54362	.54812	50.060	.50721	IPI040SX
24	IPI040SY	.49681	5.0277	.49307	-.00094*	45.609	.46926	.52864	.53142	48.949	.49077	IPI040SY
25	H380-06A	.56652	93.862	.56882	.01397	58.456	.64167	.52304	.58886	57.120	.51263	H380-06A
26	H380-06W	.05258	93.093	.07064	.01392	12.160	.17027	.00123	.08195	5.1354	.00179	H380-06W
27	H380-06J	.01070	19.187	.01532	.00170	2.4866	.03490	.00009	.01620	.92856	.00000	H380-06J
28	H661-09T	.00092	.02674	.00236	.01424	152.41	.68559	-.00069	-.00034	8.4458	.00392	H661-09T
29	I019-02T	.00079	.53085	.00159	.01010	93.237	.66058	-.00044	-.00034	6.2087	-.00210	I019-02T
30	CCV2	2.5700	24.849	2.4047	.51371	57.978	2.2984	2.5388	2.5839	60.589	1.0403	CCV2
31	CCB2	-.00011	.00169	.00051	-.00064	.01135	.00022	.00096*	-.00026	-.07701	.00110	CCB2
32	IPI044SB	.00015	.00179	.00048	-.00088	.03243	.00036	.00016	.00009	-.07128	.00003	IPI044SB
33	IPI044SL	.51563	5.1805	.51422	-.00101*	47.377	.49033	.54946	.55266	51.854	.51869	IPI044SL
34	IPI044SC	.50848	5.1205	.49863	-.00140*	46.544	.47678	.53883	.53875	49.375	.49705	IPI044SC
35	I167-07A	.59401	157.20	20.212	.02027	56.184	1.8940	.51933	.51404	58.003	.47467	I167-07A
36	I167-07	.08997	153.44	20.652	.02064	10.597	1.5152	.00255	.04039	8.8418	-.00075	I167-07
37	I167-07J	.01777	30.739	4.0863	.00371	2.1424	.30564	.00047	.00748	1.6268	.00029	I167-07J
38	I167-07M	.59156	154.05	19.913	.02087	55.766	1.8821	.49812	.54667	58.208	.47553	I167-07M
39	I167-07S	.60362	158.01	20.300	.02048	57.021	1.9208	.50605	.55719	58.971	.48302	I167-07S
40	I167-01	.08592	207.55	19.169	.02580	13.264	.92181	.00474	.04355	14.485	-.00261	I167-01
41	I167-02	.07645	171.97	.03146	.06783	41.001	1.6620	.00163	.05380	43.923	.00076	I167-02
42	CCV3	2.5669	25.077	2.4033	.51301	58.286	2.3030	2.5290	2.5802	61.012	1.0434	CCV3
43	CCB3	.00003	.00346	.00005	-.00021	.01875	.00007	.00105*	-.00007	-.08689	.00090	CCB3
44	I167-03	.08334	191.92	2.7178	.06027	28.159	2.1598	.00350	.05972	31.621	.00036	I167-03
45	I167-04	.07867	180.82	3.0981	.06721	28.563	1.9865	.00288	.06012	30.335	-.00047	I167-04
46	I167-05	.13054	177.68	34.168	.02455	14.175	2.8767	.00928	.04875	9.7750	-.00044	I167-05
47	I167-06	.07847	184.08	.02636	.06669	39.172	1.5503	.00109	.05143	46.979	.00019	I167-06
48	I167-08	.02065	316.16	.04751	.02142	15.038	.74472	.00044	.04678	8.5463	-.00426	I167-08
49	I167-09	.01653	221.76	.43352	.01924	10.051	.71963	.00084	.03587	7.8248	-.00369	I167-09
50	I167-10	.01946	272.84	.40715	.02117	11.840	.66623	.00148	.04272	9.0091	-.00342	I167-10
51	I110-01	.12712	115.08	.01459	.04532	21.804	2.0458	.02068	.07638	19.744	.00274	I110-01
52	I110-03	.09460	150.76	.02246	.05440	28.306	2.1690	.01725	.11752	22.754	-.00161	I110-03
53	I110-05	.07835	102.06	.02505	.03530	17.699	1.3436	.00935	.07673	12.360	.00087	I110-05
54	CCV4	2.5162	24.372	2.3941	.51139	57.398	2.2791	2.5228	2.5751	62.375	1.0397	CCV4

55	CCB4	.00001	.00329	.00045	-.00108	.01640	.00011	.00106*	-.00016	-.08212	.00065	CCB4
56	I110-08	.09240	130.25	.02893	.07667	28.907	1.3750	.07151	.10548	16.635	.01495	I110-08
57	I110-09	.08422	137.90	.05959	.05528	31.128	2.1823	.01323	.09953	24.841	-.00005	I110-09
58	I158-01	.08778	296.44	.55186	.03184	4.9152	4.2794	.00895	.09840	4.4695	.00179	I158-01
59	I158-02	.05517	284.33	.38954	.02819	4.2571	3.5377	.00799	.09479	3.9693	.00163	I158-02
60	I158-03	.07818	288.06	.50214	.03885	5.4419	6.0083	.00849	.10538	5.0612	.00195	I158-03
61	I167-11	.10036	135.74	46.331	.01454	10.850	.74202	.00405	.03295	10.391	-.00132	I167-11
62	I068-06	.03586	27.775	.71343	.11559	15.421	1.2000	.00080	.08715	7.3584	.00326	I068-06
63	CCV5	2.5642	25.044	2.4007	.51865	59.038	2.3199	2.5268	2.5813	61.286	1.0373	CCV5
64	CCB5	-.00011	.00403	.00031	-.00059	.01151	.00013	.00129*	-.00022	-.08729	.00012	CCB5
65	IPI050SB	-.00012	.00161	.00078	-.00079	.01958	.00035	.00012	.00024	-.07078	.00020	IPI050SB
66	IPI050SL	.48466	4.8521	.48302	-.00063*	46.715	.45914	.52310	.50908	51.236	.48653	IPI050SL
67	IPI050SC	.49287	4.9520	.48852	-.00069*	47.436	.46729	.52926	.51579	51.590	.49367	IPI050SC
68	I485-01A	1.1572	464.04*	.76824	.04878	109.32	8.2452	.52826	1.4735	63.180	.53261	I485-01A
69	I485-01	.61609	483.29*	.31837	.05076	67.669	8.1596	-.00022	1.0406	10.905	-.00112	I485-01
70	I485-01J	.11353	98.947	.06489	.00849	14.006	1.7028	-.00015	.20731	1.9782	-.00193	I485-01J
71	I485-01M	1.2315	457.48*	.76172	.07312	97.597	10.017	.50248	1.5994	62.026	.51334	I485-01M
72	I485-01S	1.2624	490.58*	.82676	.06424	94.986	7.8476	.50540	1.5696	62.613	.51478	I485-01S
73	CCV6	2.5380	24.595	2.4010	.50951	57.850	2.2873	2.5368	2.5795	61.828	1.0449	CCV6
74	CCB6	.00000	.00480	.00045	-.00029	.00829	.00011	.00110*	-.00021	-.06942	.00055	CCB6
75	I485-02	.57948	477.71*	.19425	.07054	96.943	7.2854	-.00086	1.0661	17.281	-.00115	I485-02
76	I485-03	.46908	369.97	.25491	.04794	54.421	5.2936	-.00051	.82389	8.2894	-.00152	I485-03
77	I485-04	.65668	578.80*	.23336	.04559	45.449	8.4116	-.00024	1.0057	5.5789	.00000	I485-04
78	I485-05	.73427	511.07*	.51125	.07236	77.485	6.2430	.00243	1.0354	10.601	-.00152	I485-05
79	I485-06	.58807	466.10*	.35969	.07537	76.978	8.0580	-.00112	.98805	12.259	-.00165	I485-06
80	CCV7	2.4881	24.106	2.3899	.51151	58.426	2.2913	2.5135	2.5586	63.338	1.0389	CCV7
81	CCB7	-.00005	.00215	.00035	-.00023	.01181	.00018	.00109*	-.00021	-.10705	.00026	CCB7
82	IPI049WB	.00023	.00629	.00022	-.00049	.01982	.00039	.00025	-.00003	-.11294*	-.00069	IPI049WB
83	IPI049WL	.51837	5.1771	.50754	-.00166*	48.267	.48147	.53315	.53064	52.559	.52836	IPI049WL
84	IPI049WC	.52124	5.2250	.50580	-.00135*	50.947	.48205	.55891	.52782	55.251	.53747	IPI049WC
85	I008-04A	.53881	5.3306	.51011	.00022	68.116	.53814	.51627	.54554	54.755	.55828	I008-04A
86	I008-04	.00108	.10332	.00490	-.00030	20.082	.05432	.00062	.04351	1.7944	.00151	I008-04
87	I008-04J	.00016	.02302	.00120	-.00093	4.0921	.01092	.00027	.00839	.26091	.00020	I008-04J
88	I008-04M	.53165	5.2870	.50604	-.00051	70.789	.53808	.53981	.57278	56.516	.54657	I008-04M
89	I008-04S	.54278	5.3553	.51233	-.00067	71.985	.54019	.56282	.57912	57.972	.55863	I008-04S
90	I008-01	.00305	.07776	.00416	-.00111	23.231	.01237	.00096	.08318	2.7602	.00001	I008-01
91	I008-02	.00103	3.1982	.00394	-.00036	22.820	1.5849	.00110	.03887	2.3176	.00109	I008-02
92	CCV8	2.5696	24.696	2.4001	.52161	59.360	2.3229	2.5441	2.5731	62.075	1.0434	CCV8
93	CCB8	.00010	.00380	.00017	-.00030	.02150	.00015	.00120*	.00005	-.09259	.00027	CCB8
94	I008-03	.01123	.04420	.00441	-.00039	14.881	.01769	.00021	.13756	1.7789	.00062	I008-03
95	I008-05	.00097	7.7397	.00535	.00031	61.759	7.0257	-.00039	.01394	3.0261	.00156	I008-05
96	I008-06	.00635	.01359	.00366	.00037	17.561	.01346	.00006	.02163	2.2973	.00211	I008-06
97	I008-07	.00062	.00849	.00355	-.00040	10.490	.00124	-.00002	.00061	1.6549	.00074	I008-07
98	I431-01	.04522	.11406	.00298	.04000	11.102	.01045	.00103	.00619	222.67	.03798	I431-01
99	I195-01	.00701	1.7801	.00724	.01919	27.459	.24578	.01542	.00664	6.4982	.00257	I195-01
100	I195-02	.00203	2.1233	.00331	.02150	20.993	.21059	.01105	.00367	5.1721	.02531	I195-02
101	H386-01	.00078	.17683	.00155	.03004	6.6147	.40638	.11483	.00051	15.619	-.00034	H386-01
102	H386-02	.00138	.07773	.00215	.03028	21.569	.35731	.06051	.00036	18.291	-.00015	H386-02
103	H386-03	.00131	.18155	.00302	.03447	22.939	.70080	.05234	.00113	13.602	.00054	H386-03
104	CCV9	2.5679	24.670	2.3990	.52122	58.346	2.2791	2.5435	2.5819	61.949	1.0382	CCV9
105	CCB9	.00008	.00166	.00042	-.00005	.01517	.00015	.00122*	-.00007	-.05041	-.00066	CCB9
106	H386-04	.00072	.29742	.00257	.03484	12.140	.23949	.02334	.00034	14.663	-.00043	H386-04
107	H386-05	.00085	1.6855	.00207	.03204	25.997	1.1831	.03466	.00044	14.540	-.00054	H386-05
108	H386-06	.00082	2.3009	.00346	.03041	31.431	.37509	.01568	.00020	12.221	-.00056	H386-06
109	H386-07	.00072	1.8121	.00358	.03283	26.851	1.0433	.03410	.00056	15.112	.00056	H386-07
110	H386-08	.00099	.80022	.00235	.03774	18.281	.73619	.07579	.00129	15.058	-.00093	H386-08
111	H391-01	.00394	.00825	.00045	.00037	.21641	.00060	.00030	.00019	.03100	-.00130	H391-01

112	H391-02	.00360	.00254	.00056	.00014	.22074	.00022	.00009	.00010	.02114	-.00091	H391-02
113	ICSA2	.00046	188.88	-.00052	.00034	190.41	.00581	-.00293	-.00176	-.11226	.00301	ICSA2
114	ICSAB2	.52672	185.31	.91495	1.0934	188.46	.43927	1.0322	1.0009	82.089	1.0699	ICSAB2
115	CCV10	2.5744	24.580	2.4126	.52340	58.594	2.2857	2.5770	2.5932	62.796	1.0539	CCV10
116	CCB10	.00026	.00550	.00063	-.00058	.01384	.00012	.00122*	-.00010	-.05595	-.00020	CCB10
117	IPI043WQ	.00032	.00508	.00015	-.00150	.02596	.00012	.00017	.00002	-.08378	-.00090	IPI043WQ
118	IPI043WX	.51662	5.0737	.49875	-.00112*	48.232	.46915	.53578	.51835	52.552	.51757	IPI043WX
119	IPI043WY	.52599	5.1745	.50367	-.00135*	48.498	.47503	.52579	.52171	52.969	.53278	IPI043WY
120	WTI002SQ	.00082	.00419	.00033	-.00028	.01821	.00006	.00038	-.00022	.12822*	.00759*	WTI002SQ
121	I064-01A	1.1446	13.581	1.0160	.00622	49.580	2.5796	1.0547	1.0272	55.427	1.2184	I064-01A
122	I064-01I	.02985	3.1986	.01129	.00616	2.3027	1.6482	.00192	.01691	1.0589	.00868	I064-01I
123	I064-01J	.00580	.62720	.00300	.00125	.46085	.32726	.00047	.00321	.15056	.00187	I064-01J
124	I064-01M	.13698	4.6089	.11054	.00814	11.749	1.9836	.10679	.12316	12.532	.12852	I064-01M
125	I064-01S	.14062	4.5741	.11428	.00764	11.937	1.9349	.10916	.12668	12.632	.13261	I064-01S
126	I064-02I	.03760	4.7671	.01303	.00309	3.6293	2.7187	.00403	.02739	1.2428	.00981	I064-02I
127	CCV11	2.5712	24.723	2.4047	.52119	57.803	2.2534	2.5524	2.5868	62.631	1.0473	CCV11
128	CCB11	.00028	.00456	.00022	-.00101	.01712	.00020	.00119*	-.00010	-.05595	.00042	CCB11
129	IPI041SB	.00004	.00256	.00057	-.00141	.02041	.00038	.00021	.00017	-.06526	-.00086	IPI041SB
130	IPI041SL	.52245	5.2138	.50919	-.00153*	47.033	.47646	.54918	.54951	51.322	.51047	IPI041SL
131	IPI041SC	.51393	5.1226	.49845	-.00108*	46.460	.46890	.54333	.54006	50.373	.50014	IPI041SC
132	I068-01A	.81737	161.10	5.8490	.04015	96.642	3.1808	.53604	.67125	61.544	.52551	I068-01A
133	I068-01	.27898	161.97	5.5684	.04090	50.530	2.8158	.00248	.17163	8.6709	.00429	I068-01
134	I068-01J	.05444	33.439	1.1276	.00670	10.001	.56834	-.00066	.03324	1.5783	.00053	I068-01J
135	I068-01M	.75743	158.81	5.8120	.03926	91.563	3.1567	.48826	.65318	56.024	.46772	I068-01M
136	I068-01S	.76268	163.69	5.9321	.05044	90.953	3.0783	.49090	.65886	57.257	.46789	I068-01S
137	I068-02	15.084	185.16	71.499	.02308	88.326	2.8892	.04090	.26073	4.3213	.01155	I068-02
138	I068-03	2.1230	107.49	64.527	.01994	59.973	2.4159	.00671	.17641	3.8692	.00535	I068-03
139	CCV12	2.5782	24.747	2.4081	.52766	57.892	2.2562	2.5703	2.5855	62.843	1.0536	CCV12
140	CCB12	.00021	.00387	.00039	-.00101	.01876	.00019	.00108*	-.00022	-.07061	-.00022	CCB12
141	I068-04	2.2949	118.75	85.287	.02212	67.215	2.5716	.00620	.19375	4.5711	.00673	I068-04
142	I068-05	.94589	136.50	63.713	.01703	107.99	2.4891	.00819	.22855	4.2884	.00991	I068-05
143	I068-06	.10900	57.960	4.7130	.06322	26.599	1.3055	.00370	.17073	10.402	.00509	I068-06
144	I068-07	.91284	80.797	89.315	.01250	72.055	1.2771	.01335	.14242	3.6391	.01881	I068-07
145	I068-08	.45737	122.41	42.043	.03345	47.063	2.3053	.00201	.13947	5.2858	.00734	I068-08
146	I068-09	.79703	187.61	56.319	.03646	59.298	3.6705	.00589	.30753	4.7674	.00851	I068-09
147	CCV13	2.5740	24.420	2.4081	.53241	58.376	2.2619	2.5779	2.5862	63.933	1.0570	CCV13
148	CCB13	.00009	.00230	.00041	-.00126	.01545	.00025	.00115*	-.00021	-.09189	-.00039	CCB13
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00011	.00223	-.00023	-.00034	-.00002	.00005	-.00021	.00111	Blank
2	S20									S20
3	S21									S21
4	S22							.12932		S22
5	S23							1.2814		S23
6	S24		.77512							S24
7	S25		4.4689							S25
8	S26									S26
9	S27									S27
10	S28				.12034					S28
11	S29				1.1590					S29
12	S30	.03934		.11325		.02462	.01498		.60824	S30
13	S31	.19439		.56331		.11937	.07380		5.9177	S31
14	ICV	.50526	63.875	.48777	2.3902	.49624	.48941	1.4939	2.7342	ICV
15	ICB	.00006	-.07776	.00015	.00116	.00037	.00064	.00004	.00135	ICB
16	MRLI1701	.01004	.93831	.01014	.01160	.00118	.01004	.01017	.01110	MRLI1701
17	MRLI1702	.00947	.44593	.01040	.01111	.01020	.00987	.01017	.02257	MRLI1702
18	ICSA1	-.00016	-.01799	.00035	-.00050	.00124	-.00579*	-.00053	.00262	ICSA1
19	ICSAB1	1.0584	80.990	.47702	.88631	.96355	.93598	.47676	1.0280	ICSAB1
20	CCV1	.50539	63.178	.48507	2.3861	.49540	.48735	1.5054	2.6685	CCV1
21	CCB1	-.00011	-.07482	.00013	.00161	.00045	.00037	.00010	.00080	CCB1
22	IPI040SQ	.00013	-.09400	.00031	.00141	.00197	.00026	.00001	.00140	IPI040SQ
23	IPI040SX	.49759	52.505	.47735	.51119	.54082	.50597	.52640	.59399	IPI040SX
24	IPI040SY	.47848	50.723	.46161	.48949	.52290	.48795	.51314	.59149	IPI040SY
25	H380-06A	.48221	57.634	.89756	.49887	.53381	1.2423	.67874	.89334	H380-06A
26	H380-06W	-.00034	6.1203	.43834	-.00186	.03793	.76260	.15774	.32960	H380-06W
27	H380-06J	-.00015	1.1533	.08880	.00046	.00783	.15308	.03180	.07444	H380-06J
28	H661-09T	-.00033	1164.9*	3.6007	-.00055	.00029	-.00481	-.00013	.00247	H661-09T
29	I019-02T	-.00049	640.54	2.9289	-.00008	.00019	-.00393	-.00062	.00256	I019-02T
30	CCV2	.50522	64.421	.48997	2.4047	.49812	.48668	1.4915	2.6653	CCV2
31	CCB2	.00000	-.01890	.00014	.00143	.00042	.00045	.00011	-.00014	CCB2
32	IPI044SB	.00008	.00503	.00058	.00197	.00158	.00012	-.00002	.00123	IPI044SB
33	IPI044SL	.50233	52.638	.48056	.51518	.54529	.51390	.53427	.60027*	IPI044SL
34	IPI044SC	.48321	51.711	.46810	.50235	.52895	.49982	.51357	.59460	IPI044SC
35	I167-07A	.45647	53.499	.58417	.46475	.53079	4.2247	1.0335	.79565	I167-07A
36	I167-07	.00177	1.4414	.12576	-.00188	.04292	3.8730	.57068	.28156	I167-07
37	I167-07J	.00030	.20014	.02489	-.00012	.00875	.77417	.11145	.05477	I167-07J
38	I167-07M	.48423	53.109	.57288	.46906	.51870	4.2416	1.0307	.79058	I167-07M
39	I167-07S	.49400	54.162	.58262	.47673	.52937	4.3170	1.0538	.80839	I167-07S
40	I167-01	.00562	1.9541	.05740	-.00050	.07636	5.6995	.81530	.30620	I167-01
41	I167-02	.00117	2.6262	.17223	.00054	.03097	11.284	.57229	.34341	I167-02
42	CCV3	.50562	64.227	.48876	2.4025	.50026	.49175	1.4940	2.6753	CCV3
43	CCB3	.00007	-.10226	.00015	.00121	.00035	.00200	.00003	.00011	CCB3
44	I167-03	.00173	2.1049	.13797	.00107	.04011	8.3517	.64514	.38476	I167-03
45	I167-04	.00142	1.9051	.14716	-.00015	.03028	7.3724	.58912	.36818	I167-04
46	I167-05	.00235	1.8119	.31260	-.00120	.03947	4.3094	.65463	.74263	I167-05
47	I167-06	.00140	2.0072	.11874	.00064	.01714	10.758	.60530	.33994	I167-06
48	I167-08	.00237	2.5075	.06181	-.00105	.02808	7.1133	1.1700	.12213	I167-08
49	I167-09	.00142	3.3251	.03841	-.00121	.02401	4.9274	.85530	.13668	I167-09
50	I167-10	.00196	2.5525	.03915	-.00149	.02045	6.8267	1.0630	.12134	I167-10
51	I110-01	.00000	1.3212	.13043	-.00071	.01913	4.4596	.18181	.30721	I110-01
52	I110-03	.00012	2.6300	.22322	.00080	.02900	4.9258	.26911	.40021	I110-03
53	I110-05	.00035	5.8656	.26142	-.00003	.04825	3.7281	.17996	.23316	I110-05
54	CCV4	.50414	63.389	.48436	2.3811	.49640	.48544	1.5033	2.6670	CCV4

55	CCB4	-.00005	-.11253*	.00012	.00104	.00021	.00140	.00008	-.00017	CCB4
56	I110-08	.00026	2.0047	.31893	-.00085	.02248	4.6235	.29181	.31966	I110-08
57	I110-09	.00177	3.0026	.52895	.00106	.02041	5.3987	.24549	.43055	I110-09
58	I158-01	.00113	.05111	.07952	.00185	.04893	1.0743	.47482	4.2017	I158-01
59	I158-02	.00118	.02739	.06680	.00067	.04079	.96869	.45989	3.0953	I158-02
60	I158-03	.00131	.06399	.08644	.00167	.04153	1.0966	.44972	3.0480	I158-03
61	I167-11	.00275	1.4594	.07518	-.00108	.05843	3.6237	.51532	.32476	I167-11
62	I068-06	-.00134	1.0191	1.6751	-.00382	.03464	.04761	.05060	5.4824	I068-06
63	CCV5	.50667	65.083	.49142	2.4034	.49963	.49151	1.4961	2.6722	CCV5
64	CCB5	-.00004	-.11307*	.00007	.00106	.00065	.00071	.00003	-.00053	CCB5
65	IPI050SB	.00006	-.09529	.00030	.00150	.00072	-.00005	.00001	.00238	IPI050SB
66	IPI050SL	.47547	52.046	.46051	.48462	.51741	.49207	.50086	.55009	IPI050SL
67	IPI050SC	.48178	52.723	.46795	.49237	.52205	.50067	.50675	.56222	IPI050SC
68	I485-01A	.53509	68.717	7.6070	.45457	.52622	28.692	1.8387	1.8039	I485-01A
69	I485-01	.00388	14.983	7.4791	-.00766*	.04507	29.416	1.3784	1.3342	I485-01
70	I485-01J	.00051	2.7559	1.5148	.00024	.00878	6.0156	.26344	.26810	I485-01J
71	I485-01M	.57592	68.744	7.9611	.44749	.52746	29.751	1.8988	1.7965	I485-01M
72	I485-01S	.57624	66.940	8.8594	.44533	.52973	31.465	2.0011	2.7326	I485-01S
73	CCV6	.50554	63.949	.48765	2.4062	.49639	.50024	1.4997	2.6682	CCV6
74	CCB6	-.00008	-.11407*	.00016	.00124	.00027	.00557*	.00005	-.00044	CCB6
75	I485-02	.00372	35.505	18.089	-.00843*	.03826	29.840	1.4042	.83168	I485-02
76	I485-03	.00236	13.956	9.9478	-.00703*	.04453	24.847	1.0623	.87181	I485-03
77	I485-04	.00455	10.512	4.1146	-.00756*	.06825	35.587	1.6419	.90917	I485-04
78	I485-05	.00447	21.874	17.501	-.00889*	.04888	29.544	1.5711	1.6811	I485-05
79	I485-06	.00414	23.177	14.430	-.00896*	.04643	32.182	1.4194	1.2189	I485-06
80	CCV7	.50949	64.050	.48626	2.3790	.49157	.50602	1.5168	2.6734	CCV7
81	CCB7	.00005	-.12306*	.00008	.00152	.00053	.00643*	.00002	-.00037	CCB7
82	IPI049WB	.00000	-.12122*	.00050	.00156	.00005	.00174	.00005	-.00055	IPI049WB
83	IPI049WL	.52551	54.099	.49213	.51826	.51659	.52612	.51863	.55596	IPI049WL
84	IPI049WC	.53100	57.056	.52320	.52081	.54534	.56011	.51662	.55422	IPI049WC
85	I008-04A	.51536	164.23	.85552	.51408	.50568	.51293	.52200	.58620	I008-04A
86	I008-04	.00004	112.78	.37746	.00091	.00052	.00118	.00105	.02600	I008-04
87	I008-04J	.00000	22.777	.07630	.00075	.00032	.00089	.00019	.00431	I008-04J
88	I008-04M	.54229	172.11	.89264	.51255	.51850	.53378	.51604	.58097	I008-04M
89	I008-04S	.54760	174.17	.91404	.51912	.54651	.55374	.51979	.59198	I008-04S
90	I008-01	.00005	106.53	.51513	.00152	.00176	.00060	.00056	.01639	I008-01
91	I008-02	-.00001	91.595	.51345	.00158	.00058	-.00013	.00073	.02254	I008-02
92	CCV8	.51054	65.705	.49355	2.4153	.49363	.49868	1.4992	2.6654	CCV8
93	CCB8	-.00001	-.09376	.00010	.00166	.00030	.00075	.00005	.00210	CCB8
94	I008-03	.00002	67.869	.29437	.00108	.00015	.00030	.00065	.03366	I008-03
95	I008-05	.00053	142.21	1.2409	.00482	.00039	-.00072	-.00005	.02600	I008-05
96	I008-06	-.00003	83.318	.38985	.00124	.00041	-.00043	.00111	.02787	I008-06
97	I008-07	.00000	60.706	.24772	.00140	.00025	.00014	.00110	.00342	I008-07
98	I431-01	.00881	*****	.17658	.02432	.00804	.00118	.00040	.15725	I431-01
99	I195-01	-.00014	242.22	.66663	.00124	-.00035	.04069	.01363	.03174	I195-01
100	I195-02	-.00019	122.17	.67525	.00086	.00040	.00061	.00011	.05376	I195-02
101	H386-01	-.00007	158.85	.58655	.00116	.00021	.00051	.00000	.00301	H386-01
102	H386-02	-.00014	118.72	.52338	.00101	.00003	-.00037	-.00009	.00309	H386-02
103	H386-03	.00002	100.97	.69040	.00131	.00010	-.00028	-.00011	.01849	H386-03
104	CCV9	.50871	65.588	.49140	2.4113	.49340	.49181	1.4961	2.6615	CCV9
105	CCB9	-.00010	.09845	.00012	.00166	.00041	.00073	.00006	.00022	CCB9
106	H386-04	-.00005	190.47	.16819	.00119	.00006	.00007	.00025	.00472	H386-04
107	H386-05	-.00016	79.771	.49596	.00205	.00014	-.00055	-.00030	.00279	H386-05
108	H386-06	-.00006	74.804	.36140	.00080	.00035	-.00061	-.00021	.00364	H386-06
109	H386-07	-.00013	94.081	.48616	.00213	.00040	-.00012	-.00023	.00878	H386-07
110	H386-08	.00001	184.16	.29315	.00153	.00016	-.00004	.00000	.00786	H386-08
111	H391-01	.00006	3.8015	.00778	.00069	.00021	-.00008	.00006	.00615	H391-01

INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
112	H391-02	.00014	4.0015	.00738	.00140	.00026	-.00005	-.00002	.00710	H391-02
113	ICSA2	.00075	.17834	.00066	-.00126	.00089	-.00425	-.00073	.00275	ICSA2
114	ICSAB2	1.0872	85.588	.49450	.92206	.96725	.97965	.48185	1.0384	ICSAB2
115	CCV10	.50924	66.219*	.49775	2.4510	.49533	.50090	1.4945	2.6633	CCV10
116	CCB10	.00001	.00461	.00010	.00181	.00048	.00046	.00011	.00020	CCB10
117	IPI043WQ	.00019	-.04697	.00017	.00191	-.00006	.00007	.00002	-.00026	IPI043WQ
118	IPI043WX	.50012	55.725	.48702	.51305	.50813	.51876	.50489	.55105	IPI043WX
119	IPI043WY	.51673	55.901	.48626	.51973	.50692	.51837	.51156	.55517	IPI043WY
120	WTI002SQ	.00007	620.77*	.00037	-.00355	.00127	.00071	.00001	.00376	WTI002SQ
121	I064-01A	1.0694	622.69	1.1608	1.0013	1.0050	1.1177	1.0640	3.3028	I064-01A
122	I064-01I	.00003	561.12	.19721	-.00239	.00336	.09973	.01356	2.1713	I064-01I
123	I064-01J	.00011	114.55	.03897	.00020	.00100	.01997	.00269	.41322	I064-01J
124	I064-01M	.10863	649.93	.32247	.09274	.10406	.21387	.12096	2.6526	I064-01M
125	I064-01S	.11217	635.69	.31819	.09656	.10703	.21403	.12391	2.5767	I064-01S
126	I064-02I	.00009	594.55	.41438	-.00263	.00852	.07628	.02325	.27351	I064-02I
127	CCV11	.50637	65.657	.49329	2.4250	.49716	.49308	1.4942	2.6670	CCV11
128	CCB11	.00003	.03144	.00014	.00116	.00027	.00004	.00008	.00033	CCB11
129	IPI041SB	.00025	-.00235	.00041	.00167	.00175	-.00015	.00000	.00230	IPI041SB
130	IPI041SL	.49754	54.010	.48227	.51569	.53979	.51104	.52353	.59278	IPI041SL
131	IPI041SC	.48551	53.411	.47503	.50792	.52916	.50462	.51405	.59735	IPI041SC
132	I068-01A	.49877	55.834	.61237	.50287	.54770	1.3542	.72062	83.860*	I068-01A
133	I068-01	.00040	.39462	.13381	-.00064	.05409	.87601	.21455	84.993*	I068-01
134	I068-01J	-.00007	.02948	.02653	.00097	.01067	.17094	.04256	21.243	I068-01J
135	I068-01M	.47642	52.322	.57387	.45262	.51589	1.2372	.66820	84.501*	I068-01M
136	I068-01S	.47569	52.047	.58319	.45225	.52471	1.2993	.68216	82.750*	I068-01S
137	I068-02	.01681	.61477	.20013	-.00047	.45061	.58690	.13650	134.18*	I068-02
138	I068-03	.00171	.47600	.18782	.00062	.06772	.44608	.11885	140.04*	I068-03
139	CCV12	.50817	66.388*	.49760	2.4456	.49498	.49640	1.4936	2.6643	CCV12
140	CCB12	.00006	-.05963	.00015	.00122	.00011	.00058	.00020	.00129	CCB12
141	I068-04	.00212	.56292	.21267	-.00002	.08515	.49253	.13225	160.69*	I068-04
142	I068-05	.00241	.70716	.74087	-.00096	.09161	.53147	.10744	159.31*	I068-05
143	I068-06	-.00132	1.2133	1.4568	-.00329	.03646	.17265	.11837	35.377	I068-06
144	I068-07	.00272	.42019	.12195	-.00072	.11061	.22911	.07462	172.71*	I068-07
145	I068-08	.00104	.41611	.13280	-.00046	.04899	.63900	.19186	142.81*	I068-08
146	I068-09	.00246	.53509	.19506	.00040	.09492	1.1084	.17658	167.34*	I068-09
147	CCV13	.51265	66.906*	.49927	2.4495	.49381	.50372	1.5005	2.6603	CCV13
148	CCB13	-.00004	-.07463	.00003	.00151	.00038	.00045	.00014	.00201	CCB13

ID8I017 Section 3 of 3

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/14/10 15:24

End Date: 9/15/10 08:10

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

MRLI1601: As 123% Recovery
MRLI1602: As 112% Recovery

H661-09 Na "k value" Ca2NR
I019-02 Na "k value" Ca2NR
CCV17 TAs TSe

Book #: A08-016

Instrument No.: D8

Analytical Batch: 1081016

Analytical Sequence: S1016010 (U24)

Method File: 1016010 (U24)

Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-02-03
S1	MA	S31	↓ 02-04
S2		ICV	SMIB12-04-02
S3		CCV	SMIB14-04-02
S4		ICSA	↓ 05 02
S5		ICSAB	↓ 0303
S6		CRI/MRL 1	SMIB12 8501
S7		~~ICV~~ MRL2	↓ 8502
S8		MLCV	
S9			
S10			
S11			
S12			
S16			
S17			
S18	↓		
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	↓ 01-05		
S26	SMIB12-100-02		
S27	↓ 100-03		
S28	SMIB14-02-01		
S29	↓ 02-02		

Analyzed By: TH

Date: 9/15/10

SEQUENCE FILE : [illegible]

4-12	19-33	34-43	44-53	54-63
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[illegible]	[illegible]	15:24	09 14 [illegible]	1.000
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[illegible]	521	15:34	09 14 [illegible]	1.000
[illegible]	522	15:39	09 14 [illegible]	1.000
[illegible]	523	15:44	09 14 [illegible]	1.000
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[illegible]	528	16:10	09 14 [illegible]	1.000
[illegible]	529	16:16	09 14 [illegible]	1.000
[illegible]	530	16:21	09 14 [illegible]	1.000
[illegible]	531	16:26	09 14 [illegible]	1.000
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[illegible]	[illegible]_11612	16:46	09 14 [illegible]	1.000
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[illegible]	[illegible]	17:21	09 14 [illegible]	1.000
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[illegible]	[illegible]-[illegible]M	17:46	09 14 [illegible]	1.000
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[illegible]	[illegible]	19:10	09 14 [illegible]	1.000
[illegible]	[illegible]	19:21	09 14 [illegible]	1.000
[illegible]	[illegible]-[illegible]	19:26	09 14 [illegible]	1.000
[illegible]	[illegible]-[illegible]	19:31	09 14 [illegible]	1.000
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[illegible]	[illegible]-[illegible]M	19:41	09 14 [illegible]	1.000
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[illegible]	[illegible]-[illegible]	19:56	09 14 [illegible]	1.000
[illegible]	[illegible]-[illegible]	20:02	09 14 [illegible]	1.000
[illegible]	[illegible]-[illegible]	20:07	09 14 [illegible]	1.000

ID8I016055	CCV4	20:17	09/14/10	1.000
ID8I016056	CCB4	20:22	09/14/10	1.000
ID8I016057	IPI045WL	20:27	09/14/10	1.000
ID8I016058	IPI045WC	20:32	09/14/10	1.000
ID8I016059	ICSA2	20:41	09/14/10	1.000
ID8I016060	ICSAB2	20:46	09/14/10	1.000
ID8I016061	CCV5	20:55	09/14/10	1.000
ID8I016062	CCB5	21:00	09/14/10	1.000
ID8I016063	IPI040SB	21:05	09/14/10	1.000
ID8I016064	IPI040SL	21:10	09/14/10	1.000
ID8I016065	IPI040SC	21:15	09/14/10	1.000
ID8I016066	H365-21A	21:20	09/14/10	1.000
ID8I016067	H365-21	21:25	09/14/10	1.000
ID8I016068	H365-21J	21:30	09/14/10	5.000
ID8I016069	H365-21M	21:35	09/14/10	1.000
ID8I016070	H365-21S	21:40	09/14/10	1.000
ID8I016071	H380-06	21:45	09/14/10	1.000
ID8I016072	CCV6	21:53	09/14/10	1.000
ID8I016073	CCB6	21:58	09/14/10	1.000
ID8I016074	IPI039SB	22:04	09/14/10	1.000
ID8I016075	IPI039SL	22:09	09/14/10	1.000
ID8I016076	IPI039SC	22:14	09/14/10	1.000
ID8I016077	H365-01A	22:18	09/14/10	1.000
ID8I016078	H365-01	22:23	09/14/10	1.000
ID8I016079	H365-01J	22:28	09/14/10	5.000
ID8I016080	H365-01M	22:33	09/14/10	1.000
ID8I016081	H365-01S	22:38	09/14/10	1.000
ID8I016082	H365-02	22:43	09/14/10	1.000
ID8I016083	H365-03	22:48	09/14/10	1.000
ID8I016084	CCV7	22:57	09/14/10	1.000
ID8I016085	CCB7	23:02	09/14/10	1.000
ID8I016086	H365-04	23:07	09/14/10	1.000
ID8I016087	H365-05	23:12	09/14/10	1.000
ID8I016088	H365-06	23:17	09/14/10	1.000
ID8I016089	H365-07	23:22	09/14/10	1.000
ID8I016090	H365-08	23:27	09/14/10	1.000
ID8I016091	H365-09	23:32	09/14/10	1.000
ID8I016092	H365-10	23:37	09/14/10	1.000
ID8I016093	H365-11	23:42	09/14/10	1.000
ID8I016094	H365-12	23:47	09/14/10	1.000
ID8I016095	H365-13	23:52	09/14/10	1.000
ID8I016096	CCV8	00:01	09/15/10	1.000
ID8I016097	CCB8	00:06	09/15/10	1.000
ID8I016098	H365-14	00:11	09/15/10	1.000
ID8I016099	H365-15	00:16	09/15/10	1.000
ID8I016100	H365-16	00:21	09/15/10	1.000
ID8I016101	H365-17	00:26	09/15/10	1.000
ID8I016102	H365-18	00:31	09/15/10	1.000
ID8I016103	H365-19	00:36	09/15/10	1.000
ID8I016104	H365-20	00:41	09/15/10	1.000
ID8I016105	CCV9	00:50	09/15/10	1.000
ID8I016106	CCB9	00:55	09/15/10	1.000
ID8I016107	IPI041SB	01:00	09/15/10	1.000
ID8I016108	IPI041SL	01:05	09/15/10	1.000
ID8I016109	IPI041SC	01:10	09/15/10	1.000
ID8I016110	I068-01A	01:15	09/15/10	10.00
ID8I016111	I068-01T	01:20	09/15/10	10.00

ID8I016112	I068-01J	01:25	09/15/10	50.00
ID8I016113	I068-02T	01:30	09/15/10	10.00
ID8I016114	I068-03T	01:35	09/15/10	10.00
ID8I016115	I068-04T	01:40	09/15/10	10.00
ID8I016116	I068-05T	01:45	09/15/10	10.00
ID8I016117	CCV10	01:54	09/15/10	1.000
ID8I016118	CCB10	01:59	09/15/10	1.000
ID8I016119	I068-06T	02:04	09/15/10	10.00
ID8I016120	I068-07T	02:09	09/15/10	10.00
ID8I016121	I068-08T	02:14	09/15/10	10.00
ID8I016122	I068-09T	02:19	09/15/10	10.00
ID8I016123	H638-17T	02:24	09/15/10	10.00
ID8I016124	H638-19T	02:29	09/15/10	10.00
ID8I016125	CCV11	02:38	09/15/10	1.000
ID8I016126	CCB11	02:43	09/15/10	1.000
ID8I016127	H354-05A	02:48	09/15/10	5.000
ID8I016128	H354-05T	02:53	09/15/10	5.000
ID8I016129	H354-05J	02:58	09/15/10	25.00
ID8I016130	H354-05M	03:04	09/15/10	5.000
ID8I016131	H354-05S	03:09	09/15/10	5.000
ID8I016132	H354-05T	03:14	09/15/10	5.000
ID8I016133	H354-05M	03:19	09/15/10	5.000
ID8I016134	H354-05S	03:24	09/15/10	5.000
ID8I016135	CCV12	03:33	09/15/10	1.000
ID8I016136	CCB12	03:38	09/15/10	1.000
ID8I016137	IPI046WB	03:43	09/15/10	1.000
ID8I016138	IPI046WL	03:48	09/15/10	1.000
ID8I016139	IPI046WC	03:53	09/15/10	1.000
ID8I016140	I714-01A	03:58	09/15/10	1.000
ID8I016141	I714-01	04:03	09/15/10	1.000
ID8I016142	I714-01D	04:09	09/15/10	1.000
ID8I016143	I714-01J	04:14	09/15/10	5.000
ID8I016144	I714-01M	04:19	09/15/10	1.000
ID8I016145	I714-01S	04:24	09/15/10	1.000
ID8I016146	CCV13	04:33	09/15/10	1.000
ID8I016147	CCB13	04:38	09/15/10	1.000
ID8I016148	ICSA3	04:44	09/15/10	1.000
ID8I016149	ICSAB3	04:49	09/15/10	1.000
ID8I016150	CCV14	04:58	09/15/10	1.000
ID8I016151	CCB14	05:03	09/15/10	1.000
ID8I016152	I036-01	05:08	09/15/10	1.000
ID8I016153	I036-02	05:13	09/15/10	1.000
ID8I016154	I036-03	05:18	09/15/10	1.000
ID8I016155	I036-04	05:24	09/15/10	1.000
ID8I016156	I036-05	05:29	09/15/10	1.000
ID8I016157	I036-06	05:34	09/15/10	1.000
ID8I016158	I036-07	05:39	09/15/10	1.000
ID8I016159	I036-08	05:44	09/15/10	1.000
ID8I016160	I036-09	05:49	09/15/10	1.000
ID8I016161	I036-10	05:55	09/15/10	1.000
ID8I016162	CCV15	06:04	09/15/10	1.000
ID8I016163	CCB15	06:09	09/15/10	1.000
ID8I016164	I036-11	06:14	09/15/10	1.000
ID8I016165	I036-12	06:19	09/15/10	1.000
ID8I016166	I036-13	06:24	09/15/10	1.000
ID8I016167	I036-14	06:29	09/15/10	1.000
ID8I016168	I036-15	06:34	09/15/10	1.000

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[illegible]	[illegible]	07:09	09/15/10	1.000
[illegible]	[illegible]	07:14	09/15/10	1.000
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[illegible]	[illegible]	08:15	09/15/10	1.000
[illegible]	[illegible]	08:10	09/15/10	1.000

VERSION 1.0 UNIT 8 SUMMARY of ICV and CCV : ICB1316 DATE : 09/14/10 INST EMA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
127	105	104	104	101	104	109	103	105	102	96	108	97	96	103	96	95	102	103	102	105	102	107	98	95	99	101	101	107
128	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
WS_11601	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
HRL11602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	105	----	----	----	----	----	----	97	----	----	----	92	----	----	94	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	101	104	105	104	98	95	101	96	94	97	101	91	91	106	93	93	101	99	106	105	107	109	96	89	97	97	97	104
CCV1	107	104	105	102	104	102	103	104	102	97	99	96	96	103	97	94	102	103	104	105	102	107	98	96	99	101	101	108
ICB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1045A3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1-010	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1-010	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1-01N	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1142	107	104	103	101	104	99	103	105	102	95	99	96	95	102	99	94	101	102	104	106	104	105	97	95	99	101	102	108
1142	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1143-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1143-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1143-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1143-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1161-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1161-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1163-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1163-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1163-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1212	109	104	106	101	104	101	103	107	104	96	98	100	96	112	100	94	103	112	103	106	102	107	97	94	99	100	102	103
1212	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1206-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1219-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1219-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1219-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1014	103	104	106	102	103	101	103	107	105	95	99	100	96	103	99	95	101	103	104	106	103	105	99	95	103	100	102	109
1034	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1045A1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1045A2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1054A2	98	----	----	----	----	----	----	97	----	----	----	99	----	----	93	----	----	----	----	----	----	----	97	89	96	95	96	104
1054B2	98	102	107	105	95	97	100	96	95	91	102	92	90	106	91	88	100	96	107	106	101	111	97	89	98	95	96	104
1115	105	104	106	102	103	101	103	106	105	96	99	99	96	104	99	94	101	102	107	107	103	109	99	95	98	101	103	109
1125	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1064S9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1065L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1065S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-214	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m365-213	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-219	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m365-215	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m280-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1046	106	104	106	103	103	101	103	106	105	96	97	97	96	103	96	93	102	103	107	106	103	106	98	96	98	101	103	109
1126	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039S3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039S0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m365-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m365-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1047	105	102	105	102	101	100	102	104	104	94	97	97	95	102	97	93	100	101	105	106	102	107	97	94	97	99	101	109
1127	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
m365-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1048	103	102	104	103	102	100	101	104	103	95	96	95	95	103	96	92	103	101	107	105	102	107	97	94	97	99	101	108
1128	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4365-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1049	105	103	108	105	101	102	103	105	106	95	99	98	96	105	96	94	102	102	106	108	103	110*	100	97	99	99	101	109
1129	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1041S8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1041S1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1041S0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1036-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC116	104	102	109	105	99	102	102	104	106	94	99	97	95	105	93	93	102	101	108	106	103	112*	100	97	97	97	101	108
CC215	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1043WB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1043WL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1043WC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ATI0823B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-12A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-12T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-21S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-12T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC117	105	104	111*	109	99	114	104	105	107	96	102	93	97	109	94	94	104	103	113	111*	105	116*	103	99	98	98	102	109
CC217	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

QC limit of each parameter are listed in a table attached next to all the IOP check forms
* - Out of QC limit

PERSON: [illegible] UNIT : UG/L SUMMARY of CALIBRATION BLANKS , [illegible] (WATER) DATE : 09/[illegible]/[illegible] INST : [illegible]

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB	4.77	11.9	1.27	-.082	-.020	1.43	-.013	19.7	.060	.043	-.270	-7.43	-.321	.303	-3.23	.050	.923	.030	13.6	.770	-.110	20.3	-.030	.850	.110	.570	-.060	4.13
MB111601	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB111602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAI	----	3.38	-.920	-.031	-.372	-9.69	-1.29	----	.333	-1.13	-.360	----	.309	1.72	----	1.91	-2.26	.850	-23.3	1.11	-.130	66.9	.153	-2.04	.580	.100	-.270	2.44
ICSAB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	10.3	7.76	1.06	.080	.073	1.43	.040	24.4	.100	.010	.060	-6.37	-.233	-.110	4.06	.170	.920	.130	17.9	1.27	-.150	26.8	.023	.890	.121	.200	-.013	.132
1511456W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2222222	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2222222	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1261-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1051-01W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1161-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1021-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1661-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1630-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1630-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1630-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0030	11.4	7.88	2.28	.041	.060	1.17	.091	20.9	.112	.161	-.193	-6.21	.220	-.180	3.46	.103	.870	.280	.106	1.43	-.060	.257	-.363	.873	-.080	.520	.050	.372
1025-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1025-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1025-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1025-03W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1025-035	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1025-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC+5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC84	8.76	9.86	1.29	.183	.116	1.28	.143	35.7	.245	.070	-.129	-6.32	.250	.301	1.46	.030	1.05	.243	.123	1.36	.203	.263	-.039	.913	.140	.229	-.139	.665
IP1045A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1045B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IC5482	....	6.29	1.16	-.019	-.130	-4.72	-1.54	....	.270	-1.04	-.428	....	-1.16	1.83	....	1.50	-2.43	-1.03	64.2	2.79	-.343	.345	.250	-.419	.310	.303	-.446	1.77
IC5482	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC+6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC85	8.69	9.51	2.93	.370	.363	1.12	.150	33.1	.320	.068	-.270	-6.95	.323	-.153	3.53	.353	1.02	.169	65.1	.329	-.033	.146	-.280	1.030	-.220	.620	-.061	.710
IP1045B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1045L	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1045C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
P365-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-21J	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-21M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-21S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC+6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC36	1.09	8.41	.995	-.010	-.009	1.24	-.030	18.9	-.090	.079	-.220	-7.95	.171	-.103	-3.40	.021	.850	.130	23.3	1.16	-.083	54.6	-.070	.730	-.210	.720	-.041	.253
IP1039SB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1039SL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1039SC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-31A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-31A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-31M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-31S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC+7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC37	.983	8.26	.640	-.080	-.131	1.43	.023	-1.66	.195	-.241	-.190	-6.35	.060	-.350	.263	.036	.920	-.023	9.43	1.42	-.345	66.0	-.640	.980	-.160	.400	-.090	-.442
-365-24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC+8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC38	2.90	6.12	1.65	-.030	.040	1.21	.073	-3.31	.110	.090	-.330	-6.70	.071	-.573	.310	-.020	1.01	-.039	-11.1	1.12	.312	22.6	-.053	.590	.171	.843	-.780	.592
-365-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
M365-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-365-20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC+9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC39	.780	8.52	1.83	-.079	.013	1.49	.060	-8.63	.030	.130	-.020	-7.57	-.170	-.465	1.71	.100	.901	.033	-14.8	1.31	-.020	26.6	-.070	.663	-.390	.303	-.020	-.729
IP1041SB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1041SL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1041SC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IC68-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IC68-21F	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1058-010	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1066-027	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1066-037	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1069-047	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1066-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1071	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1071B	2.69	6.79	1.02	-.030	-.010	1.17	.020	-7.69	-.090	.071	-.209	-9.04	-.210	-.781	-.313	.030	.997	.223	-36.7	1.19	.130	31.0	-.100	.569	-.270	.351	-.123	-.710
1068-067	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-077	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-087	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-097	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H638-177	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H638-197	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1071	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1071	2.32	6.61	2.12	.030	.060	1.64	.051	.360	.120	-.240	.031	-7.03	.290	-.380	-1.71	.170	1.05	.143	-9.52	1.38	-.160	25.6	-.060	.530	.010	.380	-.060	-.360
+354-054	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1012	6.61	7.57	.720	.260	.021	2.53	.063	52.3	.090	-.033	-.092	-6.13	-.151	-.513	-2.48	.010	1.14	.120	12.9	1.56	-.120	.165	-.063	1.26	-.161	.350	-.010	1.99
IP1046W3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1046W3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1046W3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-013	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-016	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-017	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1014-018	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1031B	5.69	13.5	1.85	.351	.151	7.61	.273	21.4	.281	.14	.018	6.59	.343	-.310	-.990	.191	1.18	.130	43.4	1.51	.061	.132	.030	.751	.140	-.040	-.370	.310
1034A	....	7.54	-1.89	-.200	-.131	-1.61	-1.11	....	.410	-1.15	-.260	....	-1.32	1.51	....	1.86	-2.22	-.930	3.35	3.65	-.110	.219	.470	.211	1.22	.420	-.420	2.27
1034B3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1034	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1034	1.23	9.03	1.40	-.310	.021	1.95	.090	59.0	.040	-.171	.050	56.0	.191	.171	-1.27	.351	1.11	.310	16.1	.921	.121	85.2	.190	1.12	.751	.040	-.131	3.13
1036-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036	2.62	6.94	.621	.192	.140	1.64	.190	-1.61	.110	.140	.120	-6.07	-.030	-.670	6.62	.000	1.04	.190	6.83	1.15	-.030	46.2	-.061	.730	.120	.290	-.030	.750
1036-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1036-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC216	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC816	5.11	6.31	1.93	.042	.062	1.44	.120	-4.03	102	.092	-.030	-4.53	.303	-.638	3.50	.203	1.37	.170	8.38	.869	.060	37.1	-.030	1.07	-.343	.280	.192	1.04
IP1043A3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1043A1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1043A2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
A*1002B5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01U	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01W	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-02T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
DC717	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
DC917	4.22	6.83	2.29	.093	.080	1.66	.130	24.9	193	.020	.221	-6.14	.040	-.200	-1.61	189	1.14	.161	66.6	1.23	.030	182	-.200	1.19	.020	303	.059	.490

DC limit of each parameter are listed in a table attached next to all the DCP check forms
* : Out of DC limit

PERSON : IDA UNIT : UG/L SUMMARY of CALIBRATION BLANKS : IDB1016 (SQ01) DATE : 09/24/10 INST : EMA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDB	4.77	11.8	1.27	-.080	-.020	1.43	-.010	19.7	.060	.040	-.270	-7.43	-.320	.000	-9.30	.050	.922	.030	13.6	.770	-.122	20.4	-.070	.360	.110	.620	-.050	.410
MB_11601	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB_11602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	----	3.38	-.920	-.030	-.070	-9.68	-1.29	----	.030	-1.13	-.360	----	.000	1.72	----	1.91	-2.26	-.850	-23.3	1.11	-.130	66.9	.160	-2.34	.580	.100	-.270	2.44
ICSAB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	10.3	7.36	1.46	.090	.070	1.43	.040	24.4	.100	.010	.060	-5.37	-.230	-.110	4.35	.170	.922	.130	17.0	1.27	-.050	25.8	.020	.390	.120	.230	-.010	.300
IP1045W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1166-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1142	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0262	6.51	12.0	2.22	-.050	.020	1.37	.120	19.3	.090	.130	-.240	-9.94	.390	.210	-9.45	.150	1.12	.110	12.1	.460	1.94	45.6	-.030	.360	.300	.160	-.020	.200
1031-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1043-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H661-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H661-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0262	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0262	12.4	7.88	2.28	.140	.050	1.17	.090	20.9	.110	.160	-.190	-6.22	.220	-.180	3.46	.170	.871	.280	.106	1.43	-.090	.257	-.030	.870	-.080	.520	.050	.370
1026-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1026-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1026-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1026-03M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1026-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1026-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1019-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC84	3.75	9.86	1.29	.186	.110	1.28	.140	33.1	.243	.078	-.121	-6.32	.280	.300	1.46	.303	1.36	.740	.123	1.06	.200	.280	-.033	.913	.140	.792	-.130	.669
IP1045m	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1045mL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IC342	....	6.29	1.16	-.060	-.109	-4.73	-1.54	....	.270	-1.34	-.420	....	-1.15	1.87	....	1.90	-2.43	-1.03	54.2	2.79	-.040	.348	.269	-.430	.710	.000	-.440	1.77
IC342	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC86	8.89	9.61	2.09	.070	.050	1.12	.160	30.1	.020	.080	-.270	-5.95	-.320	-.103	3.83	.090	1.02	.163	55.0	.320	-.031	.145	-.080	1.010	-.220	.621	-.060	.710
IP104SB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP104SL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP104SC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC86	1.09	9.41	.951	-.310	-.300	1.24	-.030	18.9	-.095	.070	-.290	-7.95	-.170	-.100	-3.40	.010	.890	.100	23.3	1.18	-.030	84.6	-.070	.783	-.210	.721	-.040	.250
IP103998	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP103998L	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP103998C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC47	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC87	.083	8.76	.645	-.180	-.030	1.43	.020	-1.86	.081	-.340	-.190	-6.35	.360	-.080	.263	.160	.920	-.020	9.43	1.43	-.140	56.3	-.040	.980	-.160	.430	-.391	-.440
H365-C4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-C13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC89	2.91	6.12	1.65	-.080	.040	1.21	.070	-3.61	.030	.190	-.300	-6.70	.170	-.170	.301	-.020	1.31	-.021	-12.1	1.12	.020	32.6	-.050	.590	.170	.840	-.080	-.690
H365-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC49	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC89	.780	5.52	1.88	-.070	.310	1.49	.050	-8.63	.091	.030	-.020	-7.51	-.110	-.460	1.71	.100	.900	.030	-14.8	1.31	-.021	26.5	-.170	.660	-.380	.330	-.020	-.730
IP104SB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP104SL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP104SC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H365-21T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1065-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1065-127	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-037	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1066-047	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
01913	2.69	6.79	1.02	-.031	-.013	1.17	.020	-7.86	-.033	.077	-.231	-9.04	-.217	-.750	-.301	.031	.693	.230	-26.7	1.19	.039	31.0	-.101	.593	-.273	.357	-.121	-.703
1068-067	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-077	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-087	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-035-127	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-033-137	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
02911	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
02911	3.22	6.61	2.12	.033	.160	1.64	.060	.363	.100	-.040	.023	-7.03	.230	-.381	-1.71	.110	1.35	.141	-9.62	1.38	-.161	25.6	-.063	.890	.115	.381	-.063	-.050
-354-054	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-062	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H354-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
-354-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
00412	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
00412	5.63	7.67	.720	.260	.320	2.63	.080	53.3	.060	-.032	-.090	-6.13	-.151	-.510	-2.48	.010	1.04	.123	12.9	1.56	-.020	.165	-.053	1.25	-.180	.063	-.013	1.99
IP1046A3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1046A[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1046A2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-011	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-019	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
01913	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
01913	6.83	13.6	1.81	.260	.063	2.63	.070	20.4	.083	.142	.120	-6.69	.340	-.310	-.961	.193	1.13	.131	43.4	1.61	.060	.132	.031	.750	.140	-.040	-.071	.313
01913	....	7.54	-1.89	-.330	-.033	1.63	-1.32	....	.412	-1.26	-.260	....	1.33	1.60	....	1.86	-2.22	-.930	3.35	3.65	-.110	.239	.471	.813	1.22	.420	-.421	2.27
1036-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
00414	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
00414	4.23	9.03	1.41	-.311	.020	1.98	.090	63.1	.063	.131	.361	66.3	.190	-.120	-1.23	.350	1.17	.331	16.3	.920	.120	65.2	-.093	1.12	.150	.341	-.123	2.73
1036-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
01915	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
01915	2.63	6.94	.620	.132	.140	1.64	.061	-1.61	.112	.046	.320	-6.37	-.351	-.673	5.62	.330	1.04	.192	6.53	1.15	-.072	46.2	-.060	.750	.120	.233	-.131	.751
1036-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1036-16	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-17	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1036-19	--	----	----	----	----	---	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC416	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC816	9.11	6.31	1.93	.349	.369	1.44	.120	-4.03	103	.590	-.383	-4.63	.310	.530	3.59	.203	1.37	173	8.38	.583	.350	37.1	-.303	1.07	-.340	.265	.109	1.04
IP1043a6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1043a_	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1043aC	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
AT1C2E3	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-014	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-017	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-015	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-027	----	----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC417	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC817	4.22	6.83	2.29	.393	.359	1.56	.030	24.9	.193	.023	.222	-6.14	.343	-.223	-1.51	.183	1.14	.165	65.5	1.23	.030	.182	-.331	1.19	.039	.582	.353	.493

QC limits of each parameter are listed in a table attached next to all the DCP check forms

* Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		D8I016001			1	☒	unk	—
2	0	0	0	0	Unk	S20		D8I016002			1	☒	unk	—
3	0	0	0	0	Unk	S21		D8I016003			1	☒	unk	—
4	0	0	0	0	Unk	S22		D8I016004			1	☒	unk	—
5	0	0	0	0	Unk	S23		D8I016005			1	☒	unk	—
6	0	0	0	0	Unk	S24		D8I016006			1	☒	unk	—
7	0	0	0	0	Unk	S25		D8I016007			1	☒	unk	—
8	0	0	0	0	Unk	S26		D8I016008			1	☒	unk	—
9	0	0	0	0	Unk	S27		D8I016009			1	☒	unk	—
10	0	0	0	0	Unk	S28		D8I016010			1	☒	unk	—
11	0	0	0	0	Unk	S29		D8I016011			1	☒	unk	—
12	0	0	0	0	Unk	S30		D8I016012			1	☒	unk	—
13	0	0	0	0	Unk	S31		D8I016013			1	☒	unk	—
14	1	2	1	1	QC	ICV		D8I016014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		D8I016015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRL016C1		D8I016016			1	☒	EMAX	None
17	4	2	4	1	QC	MRL016C2		D8I016017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		D8I016018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		D8I016019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		D8I016020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		D8I016021			1	☒	3XIDL	None
22	21	2	9	2	QC	IPIC45WB		D8I016022			1	☒	CCB	None
23	22	2	10	2	QC	ZZZZZZZ		D8I016023			1	☒	LCS	None
24	23	2	11	2	QC	ZZZZZZZ		D8I016024			1	☒	LCS	None
25	24	2	12	2	Unk	I051-01A		D8I016025			1	☒	unk	—
26	25	2	1	3	Unk	I051-01		D8I016026			1	☒	unk	—
27	118	3	10	5	Unk	I051-01J		D8I016027			1	☒	unk	—
28	119	3	11	5	Unk	I051-01M		D8I016028			1	☒	unk	—
29	120	3	12	5	Unk	I051-01S		D8I016029			1	☒	unk	—
30	121	4	1	1	Unk	I166-01		D8I016030			1	☒	unk	—
31	122	4	2	1	Unk	I166-02		D8I016031			1	☒	unk	—
32	123	4	3	1	QC	CCV2		D8I016032			1	☒	CCV	None
33	124	4	4	1	QC	CCB2		D8I016033			1	☒	3XIDL	None
34	125	4	5	1	Unk	I031-20		D8I016034			1	☒	unk	—
35	126	4	6	1	Unk	I043-02		D8I016035			1	☒	unk	—
36	127	4	7	1	Unk	I043-03		D8I016036			1	☒	unk	—
37	128	4	8	1	Unk	I043-04		D8I016037			1	☒	unk	—
38	129	4	9	1	Unk	I043-05		D8I016038			1	☒	unk	—
39	130	4	10	1	Unk	H661-09		D8I016039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
40	131	4	11	1	Unk	H561-10		ID8I016040			1	☒	unk	—
41	132	4	12	1	Unk	H633-02		ID8I016041			1	☒	unk	—
42	133	4	1	2	Unk	H633-04		ID8I016042			1	☒	unk	—
43	134	4	2	2	Unk	H633-05		ID8I016043			1	☒	unk	—
44	135	4	3	2	QC	CCV3		ID8I016044			1	☒	CCV	None
45	136	4	4	2	QC	CCB3		ID8I016045			1	☒	3XIDL	None
46	137	4	5	2	Unk	I005-01		ID8I016046			1	☒	unk	—
47	138	4	6	2	Unk	I005-02		ID8I016047			1	☒	unk	—
48	139	4	7	2	Unk	I005-03		ID8I016048			1	☒	unk	—
49	140	4	8	2	Unk	I005-03M		ID8I016049			1	☒	unk	—
50	141	4	9	2	Unk	I005-03S		ID8I016050			1	☒	unk	—
51	142	4	10	2	Unk	I005-05		ID8I016051			1	☒	unk	—
52	143	4	11	2	Unk	I019-02		ID8I016052			1	☒	unk	—
53	144	4	12	2	Unk	I019-03		ID8I016053			1	☒	unk	—
54	145	4	1	3	Unk	I019-04		ID8I016054			1	☒	unk	—
55	146	4	2	3	QC	CCV4		ID8I016055			1	☒	CCV	None
56	147	4	3	3	QC	CCB4		ID8I016056			1	☒	3XIDL	None
57	1[illegible]4	3	6	5	QC	IPI045WL		ID8I016057			1	☒	LCS	None
58	1[illegible]5	3	7	5	QC	IPI045WC		ID8I016058			1	☒	LCS	None
59	90	3	6	3	QC	ICSA2		ID8I016059			1	☒	ICSA	None
60	91	3	7	3	QC	ICSAB2		ID8I016060			1	☒	ICSAB1	None
61	148	4	4	3	QC	CCV5		ID8I016061			1	☒	CCV	None
62	149	4	5	3	QC	CCB5		ID8I016062			1	☒	3XIDL	None
63	26	2	2	3	QC	IPI040SB		ID8I016063			1	☒	CCB	None
64	27	2	3	3	QC	IPI040SL		ID8I016064			1	☒	LCS	None
65	28	2	4	3	QC	IPI040SC		ID8I016065			1	☒	LCS	None
66	29	2	5	3	Unk	H365-21A		ID8I016066			1	☒	unk	—
67	30	2	6	3	Unk	H365-21		ID8I016067			1	☒	unk	—
68	31	2	7	3	Unk	H365-21J		ID8I016068			1	☒	unk	—
69	32	2	8	3	Unk	H365-21M		ID8I016069			1	☒	unk	—
70	33	2	9	3	Unk	H365-21S		ID8I016070			1	☒	unk	—
71	34	2	10	3	Unk	H360-06		ID8I016071			1	☒	unk	—
72	35	2	11	3	QC	CCV6		ID8I016072			1	☒	CCV	None
73	36	2	12	3	QC	CCB6		ID8I016073			1	☒	3XIDL	None
74	59	2	11	5	QC	IPI039SB		ID8I016074			1	☒	CCB	None
75	60	2	12	5	QC	IPI039SL		ID8I016075			1	☒	LCS	None
76	61	3	1	1	QC	IPI039SC		ID8I016076			1	☒	LCS	None
77	62	3	2	1	Unk	H365-01A		ID8I016077			1	☒	unk	—
78	63	3	3	1	Unk	H365-01		ID8I016078			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
79	64	3	4	1	Unk	H365-01J		ID8I016079			1	☒	unk	—
80	65	3	5	1	Unk	H365-01M		ID8I016080			1	☒	unk	—
81	66	3	6	1	Unk	H365-01S		ID8I016081			1	☒	unk	—
82	67	3	7	1	Unk	H365-02		ID8I016082			1	☒	unk	—
83	68	3	8	1	Unk	H365-03		ID8I016083			1	☒	unk	—
84	69	3	9	1	QC	CCV7		ID8I016084			1	☒	CCV	None
85	70	3	10	1	QC	CCB7		ID8I016085			1	☒	3XIDL	None
86	71	3	11	1	Unk	H365-04		ID8I016086			1	☒	unk	—
87	72	3	12	1	Unk	H365-05		ID8I016087			1	☒	unk	—
88	73	3	1	2	Unk	H365-06		ID8I016088			1	☒	unk	—
89	74	3	2	2	Unk	H365-07		ID8I016089			1	☒	unk	—
90	75	3	3	2	Unk	H365-08		ID8I016090			1	☒	unk	—
91	76	3	4	2	Unk	H365-09		ID8I016091			1	☒	unk	—
92	77	3	5	2	Unk	H365-10		ID8I016092			1	☒	unk	—
93	78	3	6	2	Unk	H365-11		ID8I016093			1	☒	unk	—
94	79	3	7	2	Unk	H365-12		ID8I016094			1	☒	unk	—
95	80	3	8	2	Unk	H365-13		ID8I016095			1	☒	unk	—
96	81	3	9	2	QC	CCV8		ID8I016096			1	☒	CCV	None
97	82	3	10	2	QC	CCB8		ID8I016097			1	☒	3XIDL	None
98	83	3	11	2	Unk	H365-14		ID8I016098			1	☒	unk	—
99	84	3	12	2	Unk	H365-15		ID8I016099			1	☒	unk	—
100	85	3	1	3	Unk	H365-16		ID8I016100			1	☒	unk	—
101	86	3	2	3	Unk	H365-17		ID8I016101			1	☒	unk	—
102	87	3	3	3	Unk	H365-18		ID8I016102			1	☒	unk	—
103	88	3	4	3	Unk	H365-19		ID8I016103			1	☒	unk	—
104	89	3	5	3	Unk	H365-20		ID8I016104			1	☒	unk	—
105	92	3	8	3	QC	CCV9		ID8I016105			1	☒	CCV	None
106	93	3	9	3	QC	CCB9		ID8I016106			1	☒	3XIDL	None
107	94	3	10	3	QC	IPI041S9		ID8I016107			1	☒	CCB	None
108	95	3	11	3	QC	IPI041SL		ID8I016108			1	☒	LCS	None
109	96	3	12	3	QC	IPI041SC		ID8I016109			1	☒	LCS	None
110	97	3	1	4	Unk	I068-01A	10X	ID8I016110			1	☒	unk	—
111	98	3	2	4	Unk	I068-01T	10X	ID8I016111			1	☒	unk	—
112	99	3	3	4	Unk	I068-01J	50X	ID8I016112			1	☒	unk	—
113	100	3	4	4	Unk	I068-02T	10X	ID8I016113			1	☒	unk	—
114	101	3	5	4	Unk	I068-03T	10X	ID8I016114			1	☒	unk	—
115	102	3	6	4	Unk	I068-04T	10X	ID8I016115			1	☒	unk	—
116	103	3	7	4	Unk	I068-05T	10X	ID8I016116			1	☒	unk	—
117	104	3	8	4	QC	CCV10		ID8I016117			1	☒	CCV	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilfn Factor	ConFact	Check	Check Table	Fail Action
118	105	3	9	4	QC	CCB10		ID8I016118			1	☒	3XIDL	None
119	106	3	10	4	Unk	IC68-06T	10X	ID8I016119			1	☒	unk	---
120	107	3	11	4	Unk	IC68-07T	10X	ID8I016120			1	☒	unk	---
121	108	3	12	4	Unk	IC68-08T	10X	ID8I016121			1	☒	unk	---
122	109	3	1	5	Unk	IC68-09T	10X	ID8I016122			1	☒	unk	---
123	110	3	2	5	Unk	H638-17T	10X dried & sieved	ID8I016123			1	☒	unk	---
124	111	3	3	5	Unk	H638-19T	10X dried & sieved	ID8I016124			1	☒	unk	---
125	112	3	4	5	QC	CCV11		ID8I016125			1	☒	CCV	None
126	113	3	5	5	QC	CCB11		ID8I016126			1	☒	3XIDL	None
127	163	4	7	4	Unk	H354-05A	5X TOT	ID8I016127			1	☒	unk	---
128	164	4	8	4	Unk	H354-05T	5X TOT	ID8I016128			1	☒	unk	---
129	165	4	9	4	Unk	H354-05J	25X TOT	ID8I016129			1	☒	unk	---
130	166	4	10	4	Unk	H354-05M	5X TOT	ID8I016130			1	☒	unk	---
131	167	4	11	4	Unk	H354-05S	5X TOT	ID8I016131			1	☒	unk	---
132	168	4	12	4	Unk	H354-05	5X DISS	ID8I016132			1	☒	unk	---
133	169	4	1	5	Unk	H354-05M	5X DISS	ID8I016133			1	☒	unk	---
134	170	4	2	5	Unk	H354-05S	5X DISS	ID8I016134			1	☒	unk	---
135	171	4	3	5	QC	CCV12		ID8I016135			1	☒	CCV	None
136	172	4	4	5	QC	CCB12		ID8I016136			1	☒	3XIDL	None
137	150	4	6	3	QC	IPI046WB		ID8I016137			1	☒	CCB	None
138	151	4	7	3	QC	IPI046WL		ID8I016138			1	☒	LCS	None
139	152	4	8	3	QC	IPI046WC		ID8I016139			1	☒	LCS	None
140	153	4	9	3	Unk	I714-01A		ID8I016140			1	☒	unk	---
141	154	4	10	3	Unk	I714-01		ID8I016141			1	☒	unk	---
142	155	4	11	3	Unk	I714-01D		ID8I016142			1	☒	unk	---
143	156	4	12	3	Unk	I714-01J		ID8I016143			1	☒	unk	---
144	157	4	1	4	Unk	I714-01M		ID8I016144			1	☒	unk	---
145	158	4	2	4	Unk	I714-01S		ID8I016145			1	☒	unk	---
146	159	4	3	4	QC	CCV13		ID8I016146			1	☒	CCV	None
147	160	4	4	4	QC	CCB13		ID8I016147			1	☒	3XIDL	None
148	161	4	5	4	QC	ICSA3		ID8I016148			1	☒	ICSA	None
149	162	4	6	4	QC	ICSAB3		ID8I016149			1	☒	ICSAB1	None
150	173	4	5	5	QC	CCV14		ID8I016150			1	☒	CCV	None
151	174	4	6	5	QC	CCB14		ID8I016151			1	☒	3XIDL	None
152	37	2	1	4	Unk	I036-01	dried & sieved	ID8I016152			1	☒	unk	---
153	38	2	2	4	Unk	I036-02	dried & sieved	ID8I016153			1	☒	unk	---
154	39	2	3	4	Unk	I036-03	dried & sieved	ID8I016154			1	☒	unk	---
155	40	2	4	4	Unk	I036-04	dried & sieved	ID8I016155			1	☒	unk	---
156	41	2	5	4	Unk	I036-05	dried & sieved	ID8I016156			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	CorrFact	Check	Check Table	Fail Action
157	42	2	6	4	Unk	I036-06	dried & sieved	ID8I016157			1	☒	unk	—
158	43	2	7	4	Unk	I036-07	dried & sieved	ID8I016158			1	☒	unk	—
159	44	2	8	4	Unk	I036-08	dried & sieved	ID8I016159			1	☒	unk	—
160	45	2	9	4	Unk	I036-09	dried & sieved	ID8I016160			1	☒	unk	—
161	46	2	10	4	Unk	I036-10	dried & sieved	ID8I016161			1	☒	unk	—
162	47	2	11	4	QC	CCV15		ID8I016162			1	☒	CCV	None
163	48	2	12	4	QC	CCB15		ID8I016163			1	☒	3XIDL	None
164	49	2	1	5	Unk	I036-11	dried & sieved	ID8I016164			1	☒	unk	—
165	50	2	2	5	Unk	I036-12	dried & sieved	ID8I016165			1	☒	unk	—
166	51	2	3	5	Unk	I036-13	dried & sieved	ID8I016166			1	☒	unk	—
167	52	2	4	5	Unk	I036-14	dried & sieved	ID8I016167			1	☒	unk	—
168	53	2	5	5	Unk	I036-15	dried & sieved	ID8I016168			1	☒	unk	—
169	54	2	6	5	Unk	I036-16	dried & sieved	ID8I016169			1	☒	unk	—
170	55	2	7	5	Unk	I036-17	dried & sieved	ID8I016170			1	☒	unk	—
171	56	2	8	5	Unk	I036-18	dried & sieved	ID8I016171			1	☒	unk	—
172	57	2	9	5	QC	CCV16		ID8I016172			1	☒	CCV	None
173	58	2	10	5	QC	CCB16		ID8I016173			1	☒	3XIDL	None
174	9	2	9	1	QC	IPI043WB		ID8I016174			1	☒	CCB	None
175	10	2	10	1	QC	IPI043WL		ID8I016175			1	☒	LCS	None
176	11	2	11	1	QC	IPI043WC		ID8I016176			1	☒	LCS	None
177	12	2	12	1	QC	WTI002SB	STLC	ID8I016177			1	☒	CCB	None
178	13	2	1	2	Unk	I064-01A	5X STLC	ID8I016178			1	☒	unk	—
179	14	2	2	2	Unk	I064-01T	5X STLC	ID8I016179			1	☒	unk	—
180	15	2	3	2	Unk	I064-01J	25X STLC	ID8I016180			1	☒	unk	—
181	16	2	4	2	Unk	I064-01W	5X STLC	ID8I016181			1	☒	unk	—
182	17	2	5	2	Unk	I064-01S	5X STLC	ID8I016182			1	☒	unk	—
183	18	2	6	2	Unk	I064-02T	5X STLC	ID8I016183			1	☒	unk	—
184	19	2	7	2	QC	CCV17		ID8I016184			1	☒	CCV	None
185	20	2	8	2	QC	CCB17		ID8I016185			1	☒	3XIDL	None

ID8I016 Section 1 of 3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00006	.00001	-.00001	.00024	.00012	.00016	-.00069	.00049	-.00004	-.00090	Blank
2	S20					.90562		2.8343				S20
3	S21					8.7095		27.247				S21
4	S22				.45768						.16394	S22
5	S23				4.3993						1.7022	S23
6	S24						.09048					S24
7	S25						.91875					S25
8	S26	.19378							.95073	.13170		S26
9	S27	7.0252							8.8088	1.2577		S27
10	S28		.00525									S28
11	S29		.05168									S29
12	S30			.00114								S30
13	S31			.00458								S31
14	ICV	108.13	1.5611	1.0400	2.0295	1.5561	2.5008	2.0551	78.780	2.5620	.96322	ICV
15	ICB	.00477	.01182*	.00127	-.00008	-.00002	.00143	-.00001	.01967	.00006	.00004	ICB
16	MRLI1601	.22844	.10566	.01232*	.01054	.01037	.01042	.01032	1.0559	.01071	.00953	MRLI1601
17	MRLI1602	.23203	.05260	.01123	.00538	.00407	.09586	.00512	.57080	.01033	.00962	MRLI1602
18	ICSA1	400.78	.00338	-.00092	-.00003	-.00007	-.00968	-.00129	484.60	.00003	-.00113	ICSA1
19	ICSAB1	403.80	1.0431	1.0487	.52193	.49124	.48014	1.0125	481.46	.47124	.46124	ICSAB1
20	CCV1	106.85	1.5539	1.0465	2.0457	1.5535	2.4996	2.0626	78.050	2.5558	.96575	CCV1
21	CCB1	.01027	.00776*	.00146	.00008	.00007	.00143	.00004	.02445	.00010	.00001	CCB1
22	IPI045WB	.01044	.00077	.00250	.00013	.00002	.00038	.00011	.03325	.00002	.00008	IPI045WB
23	ZZZZZZZ	6.1652*	2.7048	.55680	.52231	.53662	.55239	.54435	54.206	.53432	.50088	ZZZZZZZ
24	ZZZZZZZ	6.2146*	2.3523	.56449	.53253	.53929	.55051	.55225	53.119	.53993	.50811	ZZZZZZZ
25	I051-01A	6.0746	2.3713	.56170	.56658	.52702	.55290	.54217	70.896	.53144	.49478	I051-01A
26	I051-01	.00662	.03719	.00158	.04484	.00010	.02578	.00009	19.096	.00430	-.00019	I051-01
27	I051-01J	.00188	.01505	-.00005	.00920	-.00008	.00486	-.00003	3.8709	.00075	.00001	I051-01J
28	I051-01M	6.1504	2.0863	.55631	.56252	.52940	.57920	.53903	72.578	.52854	.49364	I051-01M
29	I051-01S	6.0369	2.3502	.55557	.56952	.52724	.56624	.54157	72.236	.53023	.49760	I051-01S
30	I166-01	.20304	.02782	11.613	.11734	.00012	.43178	.00012	31.523	.00049	.00037	I166-01
31	I166-02	.03742	.00806	.01643	.00216	-.00007	.42320	.00003	23.928	.00011	.00143	I166-02
32	CCV2	107.12	1.5589	1.0318	2.0205	1.5656	2.4861	2.0509	78.419	2.5603	.96323	CCV2
33	CCB2	.00651	.01197*	.00222	-.00008	.00000	.00137	.00002	.01928	.00008	.00013	CCB2
34	I031-20	.01702	.00201	.00187	.00008	.00008	.00194	.00003	.01250	.00011	.00005	I031-20
35	I043-02	.01307	-.00027	.00403	.12328	-.00010	.10819	-.00042	300.45	.00046	.00009	I043-02
36	I043-03	.01904	-.00011	.00239	.18584	-.00008	.11236	-.00012	214.60	.00037	-.00041	I043-03
37	I043-04	.01375	-.00107	.00285	.15778	-.00009	.10227	-.00005	210.88	.00042	-.00051	I043-04
38	I043-05	.01389	-.00019	.00203	.22548	-.00008	.10986	-.00012	234.32	.00041	-.00034	I043-05
39	H661-09	.01741	-.00060	.00070	.28518	-.00025	1.7776	-.00098	1775.4*	.00044	-.00236	H661-09
40	H661-10	.01532	-.00101	.00213	.05028	-.00011	.24659	-.00024	411.74	.00033	-.00068	H661-10
41	H633-02	.00904	-.00082	.02380	.91787	-.00008	.06511	-.00003	95.243	.00025	-.00020	H633-02
42	H633-04	.01357	-.00002	.00858	.15859	-.00008	.13418	-.00003	62.840	.00033	-.00024	H633-04
43	H633-05	.01560	-.00059	.00776	.15968	-.00010	.13633	-.00003	63.762	.00024	-.00029	H633-05
44	CCV3	108.65	1.5568	1.0486	2.0119	1.5569	2.4975	2.0535	80.101	2.6053	.95639	CCV3
45	CCB3	.01037	.00788*	.00228	.00004	.00008	.00117	.00009	.02393	.00011	.00016	CCB3
46	I006-01	.01150	.00084	.12559	.70166	.00010	.17868	-.00002	51.332	.00046	-.00023	I006-01
47	I005-02	.01722	-.00044	.00426	.30743	-.00008	.20530	.00005	117.11	.00952	-.00015	I005-02
48	I005-03	.00457	-.00063	.00457	.33360	-.00010	.07752	-.00001	76.260	.00286	-.00012	I005-03
49	I005-03M	5.9086	1.9612	.56182	.82829	.49963	.60933	.52091	125.97	.51923	.46955	I005-03M
50	I005-03S	5.9045	2.3427	.55464	.82519	.50947	.61403	.52285	126.70	.52389	.47451	I005-03S
51	I005-05	.01027	.03603	.00443	.33062	.00006	.07790	.00006	75.960	.00294	-.00019	I005-05
52	I019-02	.02477	.00363	.00278	.15406	-.00021	.76742	-.00080	1548.0*	.00053	-.00211	I019-02
53	I019-03	.01702	.00191	.00178	.28327	-.00011	.27928	-.00027	575.26	.00048	-.00081	I019-03
54	I019-04	.01113	.00009	-.00011	.28805	-.00011	.28213	-.00027	583.98	.00053	-.00074	I019-04

55	CCV4	107.98	1.5618	1.0560	2.0468	1.5450	2.5202	2.0607	80.098	2.6170	.95781	CCV4
56	CCB4	.00875	.00986*	.00129	.00018	.00011	.00128	.00014	.03075	.00024	.00007	CCB4
57	IPI045WL	4.9819	2.3997	.49618	.49022	.48563	.45080	.51293	52.131	.50595	.47566	IPI045WL
58	IPI045WC	4.9719	2.4092	.49845	.49408	.48304	.45283	.51574	52.100	.50538	.47741	IPI045WC
59	ICSA2	393.68	.00629	.00116	-.00006	-.00010	-.00473	-.00154	487.08	.00027	-.00104	ICSA2
60	ICSAB2	393.33	1.0245	1.0705	.52842	.47505	.48551	1.0034	477.60	.47498	.45290	ICSAB2
61	CCV5	105.97	1.5611	1.0556	2.0680	1.5522	2.5318	2.0584	79.402	2.6274	.95994	CCV5
62	CCB5	.00859	.00951*	.00203	.00007	.00006	.00112	.00005	.03011	.00002	.00008	CCB5
63	IPI040SB	.01516	.00138	.00279	.00010	.00013	.00071	.00023	.04043	.00015	.00025	IPI040SB
64	IPI040SL	5.0193	2.4110	.50122	.48854	.48106	.46197	.51158	49.501	.50146	.47264	IPI040SL
65	IPI040SC	5.1122	2.4325	.50290	.49079	.48047	.47312	.51288	50.217	.50179	.47273	IPI040SC
66	H365-21A	52.364	2.4277	.53591	.67213	.50630	.46873	.53262	53.751	.59577	.50538	H365-21A
67	H365-21	47.869	.01621	.01034	.16198	.00128	.00468	-.00068	2.4755	.07947	.01560	H365-21
68	H365-21J	9.9133	.00585	.00312	.03294	.00019	.00101	-.00019	.51421	.01592	.00317	H365-21J
69	H365-21M	59.930	2.2927	.51932	.65004	.49513	.45370	.52098	54.286	.58596	.49166	H365-21M
70	H365-21S	69.320	2.2465	.50960	.65348	.49182	.44791	.51276	54.335	.58881	.48768	H365-21S
71	H380-06	54.831	.01285	.03165	1.7154	.00203	.01125	.00048	10.649	.14395	.01341	H380-06
72	CCV6	105.62	1.5541	1.0558	2.0675	1.5489	2.5200	2.0614	78.652	2.6143	.96162	CCV6
73	CCB6	.00109	.00841*	.00090	-.00001	-.00003	.00124	-.00003	.01894	-.00009	.00007	CCB6
74	IPI039SB	-.00151	.00316	.00122	-.00014	-.00006	.00043	-.00002	.01774	-.00013	-.00002	IPI039SB
75	IPI039SL	6.0668*	2.7498	.59407	.54112	.53688	.58097	.55339	54.803	.55168	.49854	IPI039SL
76	IPI039SC	5.7864	2.6450	.57112	.52258	.51093	.55691	.53154	52.659	.53027	.47892	IPI039SC
77	H365-01A	45.016	2.4557	.55236	.62721	.50692	.48889	.53917	54.567	.60598	.50553	H365-01A
78	H365-01	38.834	.01725	.01404	.10457	.00105	.01920	-.00082	2.2765	.07680	.01016	H365-01
79	H365-01J	7.9674	.00657	.00465	.02165	.00017	.00478	-.00017	.50064	.01507	.00188	H365-01J
80	H365-01M	68.678	2.2800	.51681	.60827	.48480	.46099	.51185	54.210	.58611	.48199	H365-01M
81	H365-01S	77.451	2.2735	.50864	.60482	.48889	.45458	.50904	54.590	.59379	.48429	H365-01S
82	H365-02	27.742	.01283	.00724	.07785	.00058	.00476	-.00061	1.6501	.04360	.00584	H365-02
83	H365-03	34.990	.01022	.00794	.15681	.00073	.00493	-.00075	3.5971	.06394	.00866	H365-03
84	CCV7	104.53	1.5351	1.0541	2.0460	1.5208	2.4940	2.0312	78.172	2.5924	.94434	CCV7
85	CCB7	.00098	.00826*	.00064	-.00008	-.00003	.00143	.00002	-.00186	.00000	-.00004	CCB7
86	H365-04	31.334	.00824	.00651	.19133	.00072	.00555	-.00049	4.3111	.05395	.00856	H365-04
87	H365-05	31.162	.00471	.00544	.18740	.00071	.00585	-.00054	3.4230	.05340	.00803	H365-05
88	H365-06	37.847	.00354	.00657	.24510	.00083	.00609	-.00057	5.4887	.05999	.00942	H365-06
89	H365-07	35.739	.00231	.00630	.24235	.00078	.00497	-.00020	4.0679	.05755	.00915	H365-07
90	H365-08	33.066	.00157	.00601	.23419	.00071	.00448	-.00025	3.9881	.05418	.00855	H365-08
91	H365-09	47.266	.00493	.00662	.50015	.00124	.00802	-.00035	7.2913	.07199	.01318	H365-09
92	H365-10	46.208	.00337	.00710	.41951	.00113	.00671	-.00039	6.5146	.06821	.01236	H365-10
93	H365-11	34.138	.00139	.00560	.22060	.00079	.00445	-.00049	2.7657	.05509	.00933	H365-11
94	H365-12	36.220	.06682	.00847	.29828	.00082	.00734	-.00046	6.8364	.06075	.00941	H365-12
95	H365-13	40.415	.00182	.00695	.34284	.00100	.00614	-.00055	5.6894	.06125	.01051	H365-13
96	CCV8	103.14	1.5277	1.0440	2.0576	1.5256	2.4931	2.0284	77.721	2.5845	.94536	CCV8
97	CCB8	.00290	.00612*	.00165	-.00008	.00004	.00121	.00007	-.00301	.00001	.00009	CCB8
98	H365-14	36.222	.00299	.00684	.21692	.00096	.00656	-.00052	3.0008	.06253	.00998	H365-14
99	H365-15	33.482	1.0787	.01133	.27238	.00070	.00865	-.00031	7.9669	.05284	.00824	H365-15
100	H365-16	28.932	.00473	.00621	.18835	.00067	.00479	-.00053	2.4375	.05161	.00825	H365-16
101	H365-17	38.305	.00314	.00664	.31261	.00100	.00660	-.00056	4.3309	.05801	.00994	H365-17
102	H365-18	43.150	.00285	.00681	.34214	.00106	.00741	-.00054	4.9600	.06462	.01088	H365-18
103	H365-19	34.962	.02212	.00813	.32421	.00091	.00875	-.00010	8.6816	.05991	.00993	H365-19
104	H365-20	29.383	.00204	.00649	.11215	.00058	.00442	-.00056	2.4979	.05202	.00716	H365-20
105	CCV9	105.42	1.5467	1.0848	2.0962	1.5067	2.5387	2.0571	78.712	2.6168	.95107	CCV9
106	CCB9	.00078	.00552	.00188	-.00007	.00001	.00149	.00005	-.00863	.00009	.00003	CCB9
107	IPI041SB	.00532	-.00029	.00211	-.00002	.00001	.00090	.00013	.00516	-.00007	.00013	IPI041SB
108	IPI041SL	4.8107	2.3111	.49707	.48742	.46022	.44321	.50030	49.761	.49362	.45978	IPI041SL
109	IPI041SC	4.8871	2.3395	.50431	.49584	.46588	.44581	.50945	50.981	.50304	.46842	IPI041SC
110	I068-01A	14.508	2.5011	.56189	.59502	.50843	.49702	.56379	60.720	.57441	.49021	I068-01A
111	I068-01T	8.8081	.01469	.01491	.07613	.00069	.00156	.03320	8.4115	.05101	.00874	I068-01T

112	I068-01J	1.8094	.00572	.00370	.01625	.00009	.00057	.00663	1.7652	.01043	.00186	I068-01J
113	I068-02T	1.5773	.00686	.00736	.05796	.00014	.00172	.06493	11.573	.00790	.00275	I068-02T
114	I068-03T	1.2064	.00664	.00486	.01107	.00012	.00113	.12699	17.215	.00637	.00220	I068-03T
115	I068-04T	.98454	.00443	.00461	.00775	.00011	.00108	.07718	30.982	.00507	.00190	I068-04T
116	I068-05T	.59173	.00266	.00377	.01254	.00009	.00101	.07137	20.116	.00351	.00137	I068-05T
117	CCV10	104.73	1.5445	1.0514	2.0717	1.5362	2.5197	2.0356	78.721	2.6179	.94725	CCV10
118	CCB10	.00269	.00679*	.00102	-.00003	-.00001	.00117	.00002	-.00785	-.00003	.00007	CCB10
119	I068-06T	1.4158	.00144	.00388	.02253	.00011	.00369	.00331	275.94	.01144	.00121	I068-06T
120	I068-07T	.43871	.00419	.00372	.00675	.00002	.00082	.06991	6.3091	.00294	.00072	I068-07T
121	I068-08T	5.5950	.00375	.00883	.04940	.00035	.00140	.08992	10.432	.01828	.00468	I068-08T
122	I068-09T	2.4257	.00688	.00651	.02337	.00024	.00134	.13799	18.009	.01391	.00368	I068-09T
123	H638-17T	3.4420	.00614	.00884	.05888	.00019	.00158	.14233	28.874	.02579	.00346	H638-17T
124	H638-19T	3.8027	.00881	.00721	.06612	.00026	.00165	.19439	36.947	.02800	.00407	H638-19T
125	CCV11	104.95	1.5300	1.0771	2.0815	1.4975	2.5159	2.0417	78.396	2.6027	.94330	CCV11
126	CCB11	.00332	.00661*	.00212	.00003	.00006	.00164	.00005	.00036	.00010	-.00004	CCB11
127	H354-05A	11.575	5.3648	1.2134	1.1059	1.0026	2.2338	1.0758	131.95	1.0671	.96518	H354-05A
128	H354-05T	.00866	.01526	.00043	.04203	.00003	1.1607	-.00002	83.166	.00035	-.00014	H354-05T
129	H354-05J	.00145	.00433	-.00036	.00853	-.00007	.23084	-.00005	17.382	-.00008	.00000	H354-05J
130	H354-05M	1.1590	.55635	.12116	.14882	.09994	1.2779	.10866	93.627	.10685	.09738	H354-05M
131	H354-05S	1.1646	.56095	.12221	.14890	.10003	1.2826	.10884	93.943	.10698	.09725	H354-05S
132	H354-05	.00058	.00395	.00186	.04363	.00018	1.1991	.00011	86.082	.00044	.00015	H354-05
133	H354-05M	1.1970	.59861	.12511	.15272	.10271	1.3166	.11197	96.954	.10971	.10036	H354-05M
134	H354-05S	1.2002	.59296	.12736	.15563	.10378	1.3096	.11365	94.929	.11191	.10161	H354-05S
135	CCV12	106.03	1.5546	1.0896	2.1271	1.5175	2.5538	2.0720	79.005	2.6339	.95854	CCV12
136	CCB12	.00560	.00757*	.00072	.00026	.00002	.00253	.00008	.05229	.00008	-.00003	CCB12
137	IPI046WB	-.00108	.00020	.00173	.00032	.00003	.00116	.00014	.01166	.00005	.00007	IPI046WB
138	IPI046WL	5.9349	2.2660	.58359	.54447	.51293	.55241	.54296	53.111	.54815	.48992	IPI046WL
139	IPI046WC	5.8115	2.6603	.57268	.53934	.50915	.55277	.53782	53.257	.53842	.48764	IPI046WC
140	I714-01A	6.0182	2.2071	.59571	.58395	.50084	.92466	.54295	142.27	.52943	.49055	I714-01A
141	I714-01	.01934	.03026	.00235	.05361	.00011	.40769	.00025	94.643	.00081	.00024	I714-01
142	I714-01D	.02346	.00796	.00230	.05324	-.00007	.39986	.00013	94.768	.00074	-.00006	I714-01D
143	I714-01J	.00065	.01087	.00200	.01137	-.00007	.08058	-.00002	20.028	.00014	.00003	I714-01J
144	I714-01M	5.8933	2.7257	.58681	.57403	.49140	.96315	.53166	144.08	.51945	.48141	I714-01M
145	I714-01S	5.8765	2.7077	.59173	.57835	.48722	.95283	.53177	145.61	.52190	.48171	I714-01S
146	CCV13	105.58	1.5616	1.0852	2.1308	1.5131	2.5587	2.0682	78.922	2.6405	.95778	CCV13
147	CCB13	.00583	.01352*	.00180	.00006	.00005	.00250	.00007	.02037	.00008	.00014	CCB13
148	ICSA3	395.07	.00754	-.00189	-.00003	-.00003	-.00160	-.00100	483.43	.00041	-.00106	ICSA3
149	ICSAB3	390.61	1.0328	1.0924	.54572	.47349	.50163	1.0113	479.40	.48513	.45414	ICSAB3
150	CCV14	105.41	1.5603	1.0912	2.1254	1.5182	2.5590	2.0730	79.203	2.6432	.95933	CCV14
151	CCB14	.00423	.00903*	.00140	-.00001	.00002	.00198	.00009	.05305	.00006	-.00003	CCB14
152	I036-01	4.0572	.03219	.05151	.25904	.00097	.01030	.90014	401.99	.04970	.01597	I036-01
153	I036-02	5.2095	.01722	.04115	.05884	.00107	.00792	.31629	369.56	.04731	.00612	I036-02
154	I036-03	3.5492	.02050	.06199	.11295	.00126	.01321	.60353	437.62	.06565	.01037	I036-03
155	I036-04	5.0878	.01926	.04995	.15269	.00102	.00734	.59726	432.12	.05540	.00983	I036-04
156	I036-05	5.5646	.01835	.04668	.05448	.00117	.00647	.35774	375.01	.04947	.00648	I036-05
157	I036-06	9.9855	.02202	.05272	.13851	.00125	.00633	.60957	387.06	.05188	.01556	I036-06
158	I036-07	12.404	.01734	.04433	.12350	.00120	.00785	.36902	374.71	.05097	.00799	I036-07
159	I036-08	4.6514	.01913	.05439	.03624	.00098	.01006	.54815	468.15	.05670	.00824	I036-08
160	I036-09	4.0735	.02944	.05662	.27312	.00093	.00816	.93302	444.90	.05432	.01615	I036-09
161	I036-10	7.1448	.02878	.05509	.07139	.00161	.01160	1.0402	351.57	.06582	.01679	I036-10
162	CCV15	105.76	1.5401	1.0876	2.1137	1.4945	2.5347	2.0579	77.934	2.6071	.95164	CCV15
163	CCB15	.00263	.00694*	.00062	.00018	.00014	.00164	.00008	-.00161	.00011	.00004	CCB15
164	I036-11	5.3203	.03181	.05442	.08834	.00214	.01442	.98299	595.60	.06928	.01625	I036-11
165	I036-12	4.3317	.02903	.04888	.04808	.00166	.03750	1.1875	416.90	.07865	.01081	I036-12
166	I036-13	4.0344	.02369	.06023	.11447	.00121	.00964	.91424	393.42	.06342	.01448	I036-13
167	I036-14	5.5159	.02210	.05386	.07211	.00184	.01093	.84854	434.84	.06016	.01694	I036-14
168	I036-15	6.4226	.02605	.04835	.04711	.00157	.01087	1.1288	336.45	.06046	.01736	I036-15

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
169	I036-16	4.5029	.02928	.05658	.12442	.00175	.03624	1.1904	480.30	.05648	.02048	I036-16
170	I036-17	5.6627	.03395	.08286	.08044	.00211	.00981	1.2664	350.67	.07054	.04416	I036-17
171	I036-18	4.4612	.02781	.04953	.06270	.00159	.01108	1.2584	432.81	.06080	.01128	I036-18
172	CCV16	103.69	1.5312	1.0890	2.1289	1.4778	2.5430	2.0410	77.686	2.6168	.94212	CCV16
173	CCB16	.00511	.00631*	.00193	.00004	.00006	.00144	.00012	-.00403	.00010	.00009	CCB16
174	IPI043WB	-.00176	.00016	.00285	.00027	.00002	.00032	.00013	.03095	.00003	.00012	IPI043WB
175	IPI043WL	5.9018	2.2476	.59009	.55510	.50896	.55938	.54357	52.822	.55110	.48971	IPI043WL
176	IPI043WC	5.7889	2.6546	.58288	.54890	.50442	.55858	.53730	53.350	.54307	.48548	IPI043WC
177	WTI002SB	.02966	.01754	.00748*	.00270*	.00004	.00869	-.00002	.13874*	.00325*	.00009	WTI002SB
178	I064-01A	49.436	2.6895	.64354	.80534	.50630	.61454	.56003	75.339	.56425	.50579	I064-01A
179	I064-01T	43.140	.00616	.02031	.25886	.00044	.07496	.00051	24.155	.01357	.00338	I064-01T
180	I064-01J	8.5602	.00292	.00494	.05250	.00007	.01463	.00008	4.9375	.00268	.00063	I064-01J
181	I064-01M	51.728	.52867	.14199	.40216	.09650	.19354	.10703	38.123	.12058	.09899	I064-01M
182	I064-01S	49.386	.53241	.14431	.39185	.09916	.19016	.10953	36.857	.12239	.10088	I064-01S
183	I064-02T	102.58	.00175	.02897	.36648	.00063	.19753	.00067	34.687	.02255	.00542	I064-02T
184	CCV17	105.37	1.5531	1.1132*	2.1829	1.4889	2.5985	2.0731	78.785	2.6631	.95532	CCV17
185	CCB17	.00422	.00683*	.00229	.00009	.00008	.00166	.00009	.02490	.00019	.00002	CCB17

ID8I016 Section 1 of 3

ID8I016 Section 2 of 3

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00083	.00005	.00010	-.00001	.00001	.00003	.00003	-.00074	-.00034	.00001	Blank
2	S20			.20660			.10759					S20
3	S21			2.0342			1.0588					S21
4	S22	.27993	.04927									S22
5	S23	2.7494	1.9698									S23
6	S24							.71251				S24
7	S25							7.0706				S25
8	S26								.78877	.25833		S26
9	S27								7.2993	2.4785		S27
10	S28					.11908						S28
11	S29					.48450						S29
12	S30				.02239						.00135	S30
13	S31				.10947						.00533	S31
14	ICV	2.4894	24.325	2.4044	.51735	59.072	2.3648	2.5411	2.5772	61.734	1.0464	ICV
15	ICB	-.00027	-.00743	-.00032	.00000	-.00333	.00005	.00092*	.00003	.01363	.00077	ICB
16	MRLI1601	.00977	.19829	.01076	.01074	.94979	.01038	.01062	.01070	1.0146	.01199	MRLI1601
17	MRLI1602	.00989	.09608	.00283	.09997	.19360	.00515	.01020	.01079	1.0021	.01132	MRLI1602
18	ICSA1	-.00036	183.40	.00000	.00172	187.23	.00191	-.00226	-.00085	-.02328	.00111	ICSA1
19	ICSAB1	.50546	182.56	.90567	1.0603	185.77	.44520	1.0125	.99200	79.821	1.0526	ICSAB1
20	CCV1	2.4827	24.048	2.4061	.51390	58.429	2.3547	2.5565	2.5752	62.362	1.0574	CCV1
21	CCB1	.00006	-.00537	-.00023	-.00011	.00405	.00017	.00092*	.00013	.01702	.00127	CCB1
22	IPI045WB	-.00001	-.00383	-.00015	-.00067	.00734	.00025	.00020	.00051	.01682	-.00012	IPI045WB
23	ZZZZZZZ	.51824	5.2317	.51697	-.00040*	49.987	.50202	.51825	.53640	53.505	.56136	ZZZZZZZ
24	ZZZZZZZ	.52268	5.2574	.52635	-.00003*	49.184	.50768	.51977	.54356	54.089	.56972	ZZZZZZZ
25	I051-01A	.51769	5.1750	.51093	-.00021	58.944	.49424	.50576	.50159	54.349	.55779	I051-01A
26	I051-01	.00055	-.01045	.00284	.00086	11.045	.00044	.00058	.00188	1.5038	.00120	I051-01
27	I051-01J	-.00014	-.00568	.00025	.00051	2.2241	.00007	.00026	.00045	.27235	.00144	I051-01J
28	I051-01M	.51074	5.1326	.50979	.00009	61.076	.49429	.51336	.52800	55.784	.56442	I051-01M
29	I051-01S	.50905	5.0768	.51127	-.00028	60.765	.49762	.52257	.53097	57.187	.55533	I051-01S
30	I166-01	.00184	.19435	.00296	.00234	17.737	.97321	.00961	.00150	3.3396	.00096	I166-01
31	I166-02	.00044	.05130	.00011	.00236	17.042	.06057	.00008	.00230	3.2147	.00056	I166-02
32	CCV2	2.4427	24.038	2.3966	.50820	59.186	2.3401	2.5234	2.5622	62.365	1.0514	CCV2
33	CCB2	-.00024	-.00894	-.00009	.00021	-.00345	.00015	.00102*	.00011	.01212	.00046	CCB2
34	I031-20	.00095	-.00706	-.00015	-.00040	.01076	.00024	.00025	.00038	.03743	.00023	I031-20
35	I043-02	.00046	32.181	.00273	.01016	33.659	.65639	-.00055	.00154	5.4527	-.00160	I043-02
36	I043-03	.00044	.52496	.00245	.00654	35.298	.28371	.00286	.00045	5.0868	-.00142	I043-03
37	I043-04	.00019	.44348	.00228	.00644	33.828	.27325	.00320	.00100	4.9684	-.00145	I043-04
38	I043-05	.00045	.28651	.00271	.00731	38.244	.23784	.00296	.00050	5.4134	.00125	I043-05
39	H661-09	.00274	.22685	.00892	.10277	761.87	3.3620	-.00394	-.00030	51.731	.00704	H661-09
40	H661-10	.00051	.30201	.00304	.01602	103.55	.57421	.00140	.00044	10.310	.00010	H661-10
41	H633-02	.00040	1.7848	.00245	.02058	34.094	.18746	.00108	.00481	10.533	.00031	H633-02
42	H633-04	.00023	2.2051	.00308	.05129	43.127	.03842	.00167	.00243	17.479	.00108	H633-04
43	H633-05	.00040	2.2501	.00300	.05205	43.516	.03914	.00169	.00233	17.320	.00103	H633-05
44	CCV3	2.4535	24.876	2.3958	.50829	60.280	2.3601	2.5067	2.5585	61.577	1.0547	CCV3
45	CCB3	-.00019	-.00622	.00022	-.00018	.00346	.00017	.00087	.00028	.10597	.00143	CCB3
46	I006-01	.00014	2.5436	.00318	.02023	42.181	.05352	.00016	.00066	20.807	-.00005	I006-01
47	I005-02	.00951	-.01093	.00277	.02669	31.443	.03625	.00016	.00170	2.7038	.00099	I005-02
48	I005-03	.00071	-.01128	.00284	.01798	14.831	.00000	.00029	.00077	2.7436	-.00007	I005-03
49	I005-03M	.49685	5.1601	.49282	.01807	63.421	.48200	.49942	.50642	54.987	.54635	I005-03M
50	I005-03S	.49100	5.0879	.49270	.01825	64.418	.48280	.49944	.50708	55.460	.54750	I005-03S
51	I005-05	.00099	-.01144	.00248	.01824	14.987	.00015	.00104	.00065	2.8129	.00066	I005-05
52	I019-02	.00102	2.5988	.00704	.07085	471.38	3.1911	-.00117	.00010	36.818	-.00238	I019-02
53	I019-03	.00090	4.4020	.00437	.02655	148.33	1.1392	-.00099	.00030	14.005	-.00089	I019-03
54	I019-04	.00088	4.5446	.00466	.02577	149.72	1.1583	-.00093	.00010	14.049	-.00058	I019-04

55	CCV4	2.4784	24.909	2.4065	.51562	59.645	2.3641	2.5305	2.5718	62.594	1.0581	CCV4
56	CCB4	-.00012	-.00632	.00025	.00030	.00146	.00030	.00105*	.00024	.12293	.00106	CCB4
57	IPI045WL	.45583	4.7369	.47581	-.00111*	47.636	.46247	.51171	.50480	52.700	.48895	IPI045WL
58	IPI045WC	.46008	4.7298	.47796	-.00052*	47.140	.46482	.51689	.50737	52.909	.49015	IPI045WC
59	ICSA2	-.00042	186.46	-.00115	.00187	186.80	.00190	-.00243	-.00103	.05418	.00279	ICSA2
60	ICSAB2	.49946	184.45	.89624	1.0561	181.25	.44245	1.0047	.97952	79.992	1.0604	ICSAB2
61	CCV5	2.4432	24.403	2.4049	.51885	59.303	2.3574	2.5305	2.5618	64.086	1.0686	CCV5
62	CCB5	-.00027	-.00595	-.00002	-.00010	.00383	.00009	.00102*	.00016	.05504	.00032	CCB5
63	IPI040SB	-.00018	-.00536	.00006	-.00026	.01236	.00032	.00024	.00058	.02699	.00095	IPI040SB
64	IPI040SL	.46250	4.7769	.47396	-.00079*	44.651	.46056	.51728	.49681	49.191	.49037	IPI040SL
65	IPI040SC	.46610	4.8083	.47604	-.00075*	45.106	.46292	.52250	.49767	49.585	.49275	IPI040SC
66	H365-21A	.49984	45.729	.51116	.01324	47.847	.60745	.51707	.52618	54.282	.51767	H365-21A
67	H365-21	.00444	43.991	.02228	.01329	2.0201	.13983	.00235	.03406	3.2392	.00314	H365-21
68	H365-21J	.00073	8.7806	.00426	.00247	.40509	.02845	.00053	.00680	.67507	.00149	H365-21J
69	H365-21M	.49086	40.155	.50030	.01607	48.320	.56395	.51244	.55109	53.469	.50260	H365-21M
70	H365-21S	.48776	46.595	.50033	.01889	48.499	.57825	.50235	.55135	52.964	.49118	H365-21S
71	H380-06	.04970	90.847	.06979	.01380	12.247	.17261	.00143	.08070	5.3705	.00241	H380-06
72	CCV6	2.4360	24.227	2.4055	.51537	58.802	2.3289	2.5413	2.5662	64.302	1.0639	CCV6
73	CCB6	-.00029	-.00795	-.00017	-.00010	-.00340	.00001	.00089	.00010	.02033	.00118	CCB6
74	IPI039SB	-.00031	-.00889	-.00053	-.00055	-.00907	-.00010	.00022	.00008	-.00291	.00131	IPI039SB
75	IPI039SL	.52624	5.4656	.52260	-.00051*	49.553	.51256	.51798	.53754	54.659	.60258*	IPI039SL
76	IPI039SC	.50388	5.2310	.50211	-.00062*	47.382	.49337	.50329	.51744	52.586	.57063	IPI039SC
77	H365-01A	.50420	57.588	.51432	.01203	48.907	.62682	.52954	.52794	55.180	.52253	H365-01A
78	H365-01	.00379	54.398	.01969	.01195	2.2598	.14709	.00379	.02850	3.4211	.00243	H365-01
79	H365-01J	.00070	10.741	.00396	.00250	.44891	.02928	.00076	.00567	.67612	.00167	H365-01J
80	H365-01M	.48473	48.259	.49299	.02261	48.665	.59969	.50704	.55300	54.707	.49393	H365-01M
81	H365-01S	.48642	56.041	.49246	.02559	49.272	.63379	.500B1	.56082	53.574	.48631	H365-01S
82	H365-02	.00531	29.992	.03682	.01102	1.9085	.09357	.00229	.01816	2.7461	.00111	H365-02
83	H365-03	.08777	41.749	.65874	.01399	2.2376	.18339	.00239	.02850	3.1109	.00162	H365-03
84	CCV7	2.4148	24.178	2.3699	.50817	58.223	2.3145	2.4999	2.5227	63.436	1.0613	CCV7
85	CCB7	-.00019	-.00635	.00006	-.00005	.00026	.00006	.00092*	-.00002	.00943	.00143	CCB7
86	H365-04	.05154	32.503	.46396	.01298	2.3672	.24895	.00207	.02512	3.0656	.00205	H365-04
87	H365-05	.04832	33.384	.26972	.01237	2.3018	.30507	.00183	.02327	3.0716	.00278	H365-05
88	H365-06	.00474	36.756	.01741	.01394	2.5738	.33974	.00205	.02842	3.1282	.00163	H365-06
89	H365-07	.00625	32.986	.02806	.01403	2.3671	.35207	.00190	.02958	3.7793	.00194	H365-07
90	H365-08	.00857	31.223	.02760	.01309	2.2382	.35903	.00169	.02725	3.5589	.00299	H365-08
91	H365-09	.01712	43.791	.05481	.01840	3.2748	.94218	.00220	.04002	4.1839	.00260	H365-09
92	H365-10	.02941	40.257	.24151	.01900	3.1215	.67528	.00215	.03931	3.6883	.00282	H365-10
93	H365-11	.00866	33.023	.03263	.01300	2.3989	.26954	.00163	.02606	3.0300	.00201	H365-11
94	H365-12	.31397	35.888	3.8376	.01576	2.7605	.47611	.00184	.02971	3.7182	.00149	H365-12
95	H365-13	.00963	39.342	.03223	.01624	2.8241	.61808	.00207	.03178	3.5606	.00223	H365-13
96	CCV8	2.3979	23.806	2.3678	.51269	57.893	2.3093	2.5050	2.5236	64.246	1.0519	CCV8
97	CCB8	-.00033	-.00670	.00007	-.00057	.00030	-.00002	.00101*	-.00003	-.01108	.00112	CCB8
98	H365-14	.01062	35.417	.04438	.01453	2.3812	.23807	.00200	.02689	3.6613	.00292	H365-14
99	H365-15	.32845	33.027	6.6561	.01462	2.7225	.50797	.00207	.02596	3.6592	.00202	H365-15
100	H365-16	.00425	30.583	.01621	.01171	2.1127	.24034	.00162	.02137	2.8455	.00122	H365-16
101	H365-17	.01055	36.262	.02417	.01499	2.5936	.50604	.00191	.03052	3.2067	.00126	H365-17
102	H365-18	.01373	40.600	.02493	.01719	2.9048	.55485	.00206	.03437	3.5660	.00228	H365-18
103	H365-19	.50126	36.562	2.4563	.01404	2.9916	.49126	.00196	.02966	3.5313	.00209	H365-19
104	H365-20	.01623	29.947	.05343	.00942	1.8128	.10436	.00171	.01943	2.9746	.00223	H365-20
105	CCV9	2.4861	24.533	2.3977	.52387	57.527	2.3596	2.5579	2.5568	63.482	1.0792	CCV9
106	CCB9	-.00002	-.00757	-.00017	-.00046	.00171	.00010	.00090	.00003	-.01483	.00131	CCB9
107	IPI041SB	.00000	-.00520	.00007	-.00059	.00363	.00011	.00015	.00045	.00875	.00034	IPI041SB
108	IPI041SL	.45708	4.6979	.46382	-.00033*	44.139	.45616	.50489	.49198	49.561	.48322	IPI041SL
109	IPI041SC	.46342	4.7501	.47216	-.00069*	45.313	.46299	.51262	.50100	51.232	.48923	IPI041SC
110	I068-01A	.51612	30.872	.79614	.00249	49.170	.73245	.50661	.50248	52.755	.53592	I068-01A
111	I068-01T	.01483	26.326	.31076	.00295	2.5538	.26218	.00040	.01258	.72820	.00054	I068-01T

112	I068-01J	.00289	5.4008	.06384	.00048	.52391	.05372	.00012	.00246	.14529	.00054	I068-01J
113	I068-02T	.29289	8.7237	2.4968	.00055	3.1815	.14946	.00027	.01041	.22998	.00114	I068-02T
114	I068-03T	.08330	6.6951	2.4913	.00011	3.7528	.09214	-.00206	.00802	.18100	.00046	I068-03T
115	I068-04T	.05254	4.1491	2.4725	.00039	2.6913	.09065	-.00126	.00701	.16188	.00120	I068-04T
116	I068-05T	.02451	4.8152	2.4475	.00017	3.4780	.08815	-.00085	.00773	.13568	.00060	I068-05T
117	CCV10	2.4149	24.090	2.3771	.52030	58.693	2.3281	2.5038	2.5297	64.793	1.0612	CCV10
118	CCB10	-.00023	-.00904	-.00020	-.00078	-.00030	.00003	.00099*	.00023	-.03673	.00119	CCB10
119	I068-06T	.00312	2.8397	.07390	.00347	1.6718	.12907	.00032	.00882	.67456	-.00044	I068-06T
120	I068-07T	.01946	2.3722	2.0907	.00013	2.1577	.03164	-.00109	.00499	.10884	.00190	I068-07T
121	I068-08T	.02018	17.214	2.1187	.00141	3.1429	.28676	-.00129	.00783	.29722	.00161	I068-08T
122	I068-09T	.03059	13.612	2.3798	.00128	4.1657	.15455	-.00257	.01242	.21051	.00069	I068-09T
123	H638-17T	.11013	14.685	25.881	.00161	9.2245	.24287	-.00113	.03506	.43861	.00261	H638-17T
124	H638-19T	.13568	18.032	28.282	.00128	11.907	.30323	-.00156	.04142	.47153	.00267	H638-19T
125	CCV11	2.4617	24.433	2.3779	.52111	57.386	2.3388	2.5350	2.5349	63.227	1.0695	CCV11
126	CCB11	.00003	-.00703	.00028	-.00038	-.00171	.00011	.00105*	.00014	-.00962	.00138	CCB11
127	H354-05A	1.0467	10.112	.98095	.01983	157.42	.97125	1.0225	.97381	96.509	1.1838	H354-05A
128	H354-05T	.00061	.00994	.00033	.01901	110.10	.01594	.00076	.00003	38.709	.00147	H354-05T
129	H354-05J	.00022	-.00717	.00028	.00399	22.491	.00341	.00019	-.00001	7.6179	.00100	H354-05J
130	H354-05M	.10449	1.0333	.09980	.01850	119.40	.11319	.10700	.10619	50.813	.12037	H354-05M
131	H354-05S	.10402	1.0293	.09961	.01875	120.42	.11313	.10758	.10630	51.328	.11953	H354-05S
132	H354-05	.00083	-.02263	.00030	.01894	113.44	.01643	.00039	.00039	40.175	.00076	H354-05
133	H354-05M	.10816	1.0329	.10158	.01991	124.04	.11592	.11521	.10984	52.498	.12337	H354-05M
134	H354-05S	.10951	1.0370	.10423	.01919	120.85	.11713	.11448	.11135	52.468	.12633	H354-05S
135	CCV12	2.5033	24.710	2.4171	.52941	57.636	2.3548	2.5790	2.5739	65.056	1.0909	CCV12
136	CCB12	-.00009	-.00613	-.00015	-.00051	-.00248	.00001	.00114*	.00012	.01290	.00156	CCB12
137	IPI046WB	.00012	-.00755	.00011	-.00031	.00905	.00030	.00018	.00053	.03605	-.00015	IPI046WB
138	IPI046WL	.51699	5.3083	.51494	-.00061*	47.515	.50214	.51301	.52912	54.787	.57979	IPI046WL
139	IPI046WC	.51018	5.1941	.50967	-.00010*	47.611	.49513	.51700	.52573	55.513	.56818	IPI046WC
140	I714-01A	.53276	5.1943	.50601	.00622	81.075	.51011	.52259	.50013	72.450	.57805	I714-01A
141	I714-01	.00755	.00009	.00288	.00587	34.820	.03217	.00562	.00311	18.293	.00027	I714-01
142	I714-01D	.00710	-.00304	.00303	.00608	34.812	.03170	.00504	.00279	18.258	.00159	I714-01D
143	I714-01J	.00142	-.00813	.00072	.00073	7.2558	.00663	.00108	.00068	3.5765	.00032	I714-01J
144	I714-01M	.51921	5.0968	.49817	.00654	81.954	.50368	.53075	.51881	73.335	.57204	I714-01M
145	I714-01S	.52230	5.0923	.49718	.00624	81.837	.50712	.52853	.51785	73.452	.57699	I714-01S
146	CCV13	2.4863	24.564	2.4136	.53128	57.440	2.3446	2.5729	2.5673	65.242	1.0842	CCV13
147	CCB13	.00000	-.00659	.00034	-.00031	-.00098	.00019	.00118*	.00013	.04043	.00151	CCB13
148	ICSA3	-.00026	186.45	-.00130	.00160	181.95	.00186	-.00222	-.00093	.00338	.00365	ICSA3
149	ICSAB3	.50349	184.77	.90405	1.0872	179.71	.44141	1.0159	.98128	83.401	1.0840	ICSAB3
150	CCV14	2.4997	24.762	2.4185	.53059	57.781	2.3410	2.5746	2.5736	64.834	1.0892	CCV14
151	CCB14	.00006	.05600*	.00019	-.00002	-.00123	.00035	.00110*	.00033	.01629	.00092	CCB14
152	I036-01	.62238	61.595	4.2438	.00459	197.53	1.6408	-.00349	.07960	1.9213	.00625	I036-01
153	I036-02	.69586	43.823	7.2200	.00528	176.87	1.3778	-.00307	.06236	1.9524	.00592	I036-02
154	I036-03	1.7214	65.823	10.178	.00469	213.96	1.7770	.00060	.07141	2.5598	.01055	I036-03
155	I036-04	.93246	56.702	11.387	.00514	211.78	1.6656	-.00453	.06310	1.9708	.00606	I036-04
156	I036-05	.69170	49.330	6.7242	.00532	181.73	1.4219	-.00380	.05761	2.0438	.00558	I036-05
157	I036-06	1.3299	57.396	10.774	.00471	188.53	1.6715	-.00463	.07074	2.2058	.00809	I036-06
158	I036-07	.95038	51.997	7.5958	.00555	182.45	1.3906	-.00441	.07186	2.0261	.00451	I036-07
159	I036-08	1.3260	61.017	8.9661	.00404	231.06	1.8100	-.00413	.07022	1.9112	.00806	I036-08
160	I036-09	.70358	69.158	4.6518	.00438	220.19	1.8019	-.00363	.08166	1.9368	.00655	I036-09
161	I036-10	.76234	85.648	27.508	.00794	107.74	1.6361	.00102	.11058	2.7634	.00660	I036-10
162	CCV15	2.5043	24.619	2.3998	.52680	56.466	2.3106	2.5691	2.5591	63.984	1.0818	CCV15
163	CCB15	.00002	-.00507	-.00005	-.00067	.00662	.00030	.00104*	.00019	.00683	.00115	CCB15
164	I036-11	1.2602	63.410	36.830	.01009	91.523	1.5009	.00245	.11497	3.5080	.01066	I036-11
165	I036-12	.79711	49.068	20.667	.00638	98.239	1.1873	.00951	.08549	2.6806	.01058	I036-12
166	I036-13	.79960	56.111	16.397	.00403	78.792	1.1088	-.00064	.08721	2.8002	.00907	I036-13
167	I036-14	.73713	52.065	15.232	.00669	109.28	1.4460	-.00122	.09496	3.4622	.01115	I036-14
168	I036-15	.89317	47.438	25.920	.00624	107.65	1.2670	-.00137	.10945	2.7678	.01377	I036-15

169	I036-16	1.8480	78.622	53.682	.00656	106.04	1.7918	.00140	.14586	3.0140	.02158	I036-16
170	I036-17	2.1225	75.890	23.251	.00755	108.35	1.7745	.00231	.13847	3.4451	.01813	I036-17
171	I036-18	.81189	49.986	20.276	.00692	99.468	1.2303	.01113	.08651	2.8909	.00834	I036-18
172	CCV16	2.4795	24.301	2.3846	.52907	56.040	2.3238	2.5553	2.5339	64.785	1.0809	CCV16
173	CCB16	-.00008	-.00453	.00030	-.00053	.00350	.00020	.00107*	.00017	.00838	.00058	CCB16
174	IPI043WB	.00020	-.00773	.00016	-.00079	.00160	.00031	.00018	.00074	.01770	-.00022	IPI043WB
175	IPI043WL	.52200	5.2960	.51565	-.00040*	46.878	.50138	.51815	.52939	55.779	.58614	1PI043WL
176	IPI043WC	.51665	5.2159	.50996	-.00041*	47.298	.49723	.52076	.52429	56.413	.57819	IPI043WC
177	WTI002SB	.00131	.00348	-.00031	.00427	.01663	.00029	.00031	.00029	1.3047*	.03755*	WTI002SB
178	I064-01A	.56740	8.1748	.51672	.00788	47.202	2.1120	.53600	.51974	58.095	.64163	I064-01A
179	I064-01T	.02862	3.0882	.01147	.00701	2.1653	1.6751	.00174	.01651	1.3180	.00764	I064-01T
180	I064-01J	.00581	.63034	.00258	.00133	.45037	.34333	.00044	.00334	.30808	.00220	I064-01J
181	I064-01M	.13383	4.5832	.10806	.00865	11.239	2.0095	.10622	.11967	12.574	.13066	I064-01M
182	I064-01S	.13444	4.4419	.11035	.00843	11.160	1.9236	.10707	.12093	12.645	.13288	I064-01S
183	I064-02T	.03605	4.6023	.01230	.00407	3.4159	2.7541	.00408	.02698	1.4124	.01108	I064-02T
184	CCV17	2.5402	24.767	2.4220	.54442	56.345	2.3526	2.6085	2.5731	66.205*	1.1086*	CCV17
185	CCB17	.00022	-.00614	.00004	-.00020	-.00151	.00018	.00114*	.00016	.06550	.00120	CCB17
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00012	.00038	-.00018	-.00030	.00004	.00003	-.00021	.00109	Blank
2	S20									S20
3	S21									S21
4	S22							.12883		S22
5	S23							1.2771		S23
6	S24		.79104							S24
7	S25		4.4662							S25
8	S26									S26
9	S27									S27
10	S28				.12010					S28
11	S29				1.1505					S29
12	S30	.03903		.11013		.02496	.01671		.59802	S30
13	S31	.19126		.54654		.12090	.08247		5.8060	S31
14	ICV	.51120	64.335	.49088	2.3863	.49646	.50261	1.5186	2.6859	ICV
15	ICB	-.00013	.02041	-.00007	.00086	.00011	.00052	-.00005	.00041	ICB
16	MRLI1601	.01019	1.0508	.01023	.01082	.00024	.01036	.01043	.01134	MRLI1601
17	MRLI1602	.00935	.54098	.01026	.01043	.00990	.00982	.01011	.02322	MRLI1602
18	ICSA1	-.00013	.06688	.00015	-.00204	.00058	.00010	-.00027	.00244	ICSA1
19	ICSAB1	1.0742	81.642	.48191	.88938	.96702	.97078	.48569	1.0363	ICSAB1
20	CCV1	.51050	63.953	.49133	2.3991	.49621	.50290	1.5171	2.6875	CCV1
21	CCB1	-.00005	.02579	.00002	.00089	.00012	.00023	-.00001	.00033	CCB1
22	IPI045WB	.00008	.01256	.00004	.00152	-.00033	.00005	.00000	.00225	IPI045WB
23	ZZZZZZZ	.55113	54.511	.49149	.52479	.51282	.53686	.54218	.56952	ZZZZZZZ
24	ZZZZZZZ	.51809	53.717	.49099	.53294	.49623	.53642	.54827	.57671	ZZZZZZZ
25	I051-01A	.44303	111.64	.74223	.51322	.48919	.51528	.53266	.57075	I051-01A
26	I051-01	.00058	61.661	.26834	.00063	.00864	.00100	.00055	.00622	I051-01
27	I051-01J	.00147	12.166	.05394	.00016	.00219	.00025	.00003	.00363	I051-01J
28	I051-01M	.44444	113.94	.76161	.50661	.47153	.53191	.53595	.57389	I051-01M
29	I051-01S	.26685	114.48	.76131	.50928	.49181	.53507	.53708	.57230	I051-01S
30	I166-01	.00185	199.95	.21516	.00106	.00896	.00714	.00823	.00388	I166-01
31	I166-02	.00152	200.55	.05062	.00062	.00650	.00142	-.00018	.01035	I166-02
32	CCV2	.51779	63.289	.48599	2.3627	.49546	.50432	1.5271	2.6901	CCV2
33	CCB2	.00194*	.04564	-.00003	.00086	.00030	.00018	-.00002	.00020	CCB2
34	I031-20	-.00004	.04380	.00020	.00057	-.00015	-.00035	.00003	.00280	I031-20
35	I043-02	-.00030	88.068	1.7134	.00078	-.00039	.00229	.00154	.00245	I043-02
36	I043-03	-.00017	90.303	1.7475	.00070	-.00031	.00233	-.00041	.00346	I043-03
37	I043-04	-.00011	79.744	1.6285	.00047	-.00030	.00227	-.00042	.00395	I043-04
38	I043-05	-.00027	92.423	1.9055	.00068	-.00036	.00227	-.00043	.00271	I043-05
39	H661-09	-.00050	*****	18.144	-.00015	-.00087	-.02711*	.00047	.00939	H661-09
40	H661-10	-.00041	597.64	2.9888	.00100	-.00128	.00034	-.00057	.00909	H661-10
41	H633-02	-.00017	36.538	.35052	.00064	-.00031	.00241	-.00029	.00673	H633-02
42	H633-04	-.00021	64.193	.54287	.00026	-.00011	.00165	-.00036	.00543	H633-04
43	H633-05	-.00028	65.301	.54882	.00030	-.00024	.00188	-.00024	.00598	H633-05
44	CCV3	.50956	64.488	.48744	2.3576	.49478	.50209	1.5300	2.7274	CCV3
45	CCB3	-.00005	.25722*	-.00005	.00087	-.00008	.00052	.00005	.00037	CCB3
46	I006-01	.00000	63.105	.45420	.00117	-.00018	.00150	-.00021	.01140	I006-01
47	I005-02	-.00023	46.870	.44479	.00058	-.00011	.00259	.00067	.01377	I005-02
48	I005-03	-.00012	87.758	.21835	.00042	-.00061	.00174	.00129	.00616	I005-03
49	I005-03M	.21944	140.32	.69318	.48541	.43648	.50748	.51556	.56077	I005-03M
50	I005-03S	.40011	137.92	.68977	.48270	.48916	.51686	.52567	.55970	I005-03S
51	I005-05	.00089	87.396	.21572	.00024	.01372	.00250	.00133	.00818	I005-05
52	I019-02	.00179	*****	14.172	.00026	.00495	-.02242*	-.00181	.00395	I019-02
53	I019-03	.00049	849.71*	5.0691	.00029	.00156	-.00207	-.00082	.00220	I019-03
54	I019-04	-.00025	861.49*	5.1684	.00051	.00086	-.00180	-.00069	.00111	I019-04

55	CCV4	.51377	65.664	.49375	2.3848	.49894	.50110	1.5327	2.7328	CCV4
56	CCB4	.00020	.27957*	-.00003	.00091	.00014	.00022	-.00013	.00066	CCB4
57	IPI045WL	.47899	52.238	.45429	.47108	.52145	.49839	.50878	.55200	IPI045WL
58	IPI045WC	.48015	52.571	.45749	.47525	.52298	.49907	.50761	.56401	IPI045WC
59	ICSA2	-.00004	.34456	.00025	-.00040	.00071	.00000	-.00044	.00177	ICSA2
60	ICSAB2	1.0656	83.127	.48478	.89199	.95703	.94664	.47971	1.0388	ICSAB2
61	CCV5	.51556	65.228	.49308	2.3772	.49109	.50385	1.5436	2.7324	CCV5
62	CCB5	-.00003	.14476*	-.00008	.00100	-.00022	.00052	-.00006	.00071	CCB5
63	IPI040SB	.00016	.07654	.00015	.00167	.00082	-.00029	.00011	.00248	IPI040SB
64	IPI040SL	.47216	50.174	.46182	.47489	.53933	.49626	.50054	.54661	IPI040SL
65	IPI040SC	.47337	51.091	.46851	.47928	.54098	.49954	.49921	.55317	IPI040SC
66	H365-21A	.47529	53.301	.51358	.49272	.51835	2.3788	.63843	.61270	H365-21A
67	H365-21	-.00009	.79158	.04802	-.00095	.03589	1.9784	.12863	.05500	H365-21
68	H365-21J	-.00027	.23992	.00965	.00020	.00724	.39763	.02561	.01087	H365-21J
69	H365-21M	.49455	54.231	.52592	.48478	.52118	2.0588	.60841	.57795	H365-21M
70	H365-21S	.48863	53.582	.51750	.47497	.51462	2.2808	.62044	.67347	H365-21S
71	H380-06	-.00029	6.3761	.43985	-.00117	.03675	.76737	.16004	.33188	H380-06
72	CCV6	.51361	64.686	.49162	2.3877	.49232	.50452	1.5402	2.7228	CCV6
73	CCB6	-.00008	.08460	-.00007	.00078	-.00021	.00072	-.00004	.00025	CCB6
74	IPI039SB	-.00005	.07009	-.00012	.00036	-.00012	.00021	.00002	.00023	IPI039SB
75	IPI039SL	.55764	56.161	.50156	.53527	.51373	.53132	.54472	.59561	IPI039SL
76	IPI039SC	.53462	54.421	.48637	.51543	.49491	.51053	.52304	.57339	IPI039SC
77	H365-01A	.48159	54.252	.51704	.50100	.52404	2.2591	.67923	.63080	H365-01A
78	H365-01	.00020	.69717	.04100	-.00010	.03262	1.7857	.15774	.06628	H365-01
79	H365-01J	-.00011	.18058	.00812	-.00046	.00614	.35294	.03081	.01556	H365-01J
80	H365-01M	.49140	54.068	.51472	.47865	.51484	2.5041	.62428	.59466	H365-01M
81	H365-01S	.48745	53.547	.51258	.47058	.51533	2.7980	.64109	.59855	H365-01S
82	H365-02	-.00001	.68722	.03023	-.00065	.03368	1.3007	.08981	.02171	H365-02
83	H365-03	.00009	.73106	.07190	-.00149	.03507	1.6066	.10937	.04747	H365-03
84	CCV7	.50757	64.186	.48647	2.3557	.48540	.49569	1.5170	2.6957	CCV7
85	CCB7	-.00004	.05602	-.00004	.00098	-.00016	.00040	-.00009	-.00044	CCB7
86	H365-04	-.00010	.83699	.07668	-.00086	.03518	1.5262	.09553	.04365	H365-04
87	H365-05	-.00005	.67557	.06615	-.00064	.03576	1.3509	.09502	.03480	H365-05
88	H365-06	-.00006	.70766	.07748	-.00084	.03517	1.4175	.10021	.02755	H365-06
89	H365-07	-.00011	.60041	.05976	-.00095	.03365	1.3605	.08702	.02652	H365-07
90	H365-08	-.00017	.56950	.05885	-.00107	.03538	1.2759	.08132	.02628	H365-08
91	H365-09	.00005	.71704	.12964	-.00133	.03506	1.5865	.11153	.03538	H365-09
92	H365-10	-.00019	.65393	.09852	-.00106	.03573	1.5673	.10398	.04158	H365-10
93	H365-11	-.00009	.68805	.04427	-.00078	.03494	1.3766	.08852	.02735	H365-11
94	H365-12	.00007	.70976	.13216	-.00166	.03655	1.3629	.09363	.12878	H365-12
95	H365-13	.00010	.59440	.08672	-.00127	.03554	1.4040	.10396	.03600	H365-13
96	CCV8	.50891	64.342	.48682	2.3556	.48325	.49717	1.5206	2.6928	CCV8
97	CCB8	.00001	.03261	-.00005	.00059	.00017	.00084	-.00008	-.00059	CCB8
98	H365-14	-.00012	.67631	.04365	-.00073	.03545	1.6083	.10309	.03021	H365-14
99	H365-15	.00053	.68007	.22516	-.00138	.03586	1.3190	.09173	.09080	H365-15
100	H365-16	-.00014	.51178	.04018	-.00072	.03559	1.3205	.08531	.02291	H365-16
101	H365-17	.00004	.57567	.06476	-.00077	.03537	1.3895	.09468	.02881	H365-17
102	H365-18	-.00004	.64106	.07354	-.00117	.03578	1.5395	.10627	.03101	H365-18
103	H365-19	.00011	.91875	.15565	-.00057	.03594	1.3136	.09222	.12489	H365-19
104	H365-20	-.00007	.63949	.04728	-.00061	.03327	1.4365	.09184	.02207	H365-20
105	CCV9	.51415	66.379*	.49953	2.4226	.49100	.49145	1.5171	2.7108	CCV9
106	CCB9	-.00002	.02647	-.00007	.00066	-.00038	.00030	-.00002	-.00073	CCB9
107	IPI041SB	.00004	.01995	.00006	.00136	.00109	-.00013	-.00004	.00129	IPI041SB
108	IPI041SL	.46677	51.587	.45103	.47052	.50425	.47234	.48650	.54494	IPI041SL
109	IPI041SC	.47681	52.938	.45776	.47793	.50981	.47959	.49619	.55544	IPI041SC
110	I068-01A	.48965	54.421	.48455	.50510	.49165	.58940	.55069	6.7286	I068-01A
111	I068-01T	-.00023	.06664	.01101	.00060	.00426	.09557	.03533	6.0546	I068-01T

112	I068-01J	-.00018	.02842	.00227	.00047	.00088	.01939	.00705	1.2329	I068-01J
113	I068-02T	.00016	.07360	.00838	.00039	.01220	.02857	.00678	12.291	I068-02T
114	I068-03T	.00002	.05692	.00989	.00023	.00520	.01940	.00542	23.307	I068-03T
115	I068-04T	-.00012	.07015	.01942	-.00022	.00679	.01699	.00406	15.132	I068-04T
116	I068-05T	-.00002	.06253	.01583	.00010	.00411	.01452	.00266	13.047	I068-05T
117	CCV10	.51404	65.208	.49060	2.3549	.48671	.49879	1.5367	2.7090	CCV10
118	CCB10	.00000	.02999	-.00010	.00058	-.00027	.00035	-.00012	-.00070	CCB10
119	I068-06T	-.00033	.13554	.16051	-.00039	.00286	.01061	.00496	.56840	I068-06T
120	I068-07T	-.00008	.04175	.00432	.00012	.00397	.00637	.00205	15.311	I068-07T
121	I068-08T	-.00006	.04918	.00875	-.00036	.00668	.05876	.02786	16.027	I068-08T
122	I068-09T	-.00001	.06548	.01242	.00036	.00391	.06225	.01499	26.562	I068-09T
123	H638-17T	.00018	.05274	.01837	.00021	.00460	.03475	.01341	26.074	H638-17T
124	H638-19T	.00018	.06290	.02271	-.00006	.00726	.03572	.01558	34.273	H638-19T
125	CCV11	.51047	65.994	.49545	2.4014	.48653	.48796	1.5093	2.6951	CCV11
126	CCB11	-.00006	.02560	-.00006	.00089	.00001	.00038	-.00006	-.00036	CCB11
127	H354-05A	1.1108	841.87*	1.8426	.95770	.96447	.98101	1.0600	1.1621	H354-05A
128	H354-05T	.00003	784.68*	.88720	-.00031	-.00030	.00286	-.00042	.00179	H354-05T
129	H354-05J	-.00020	171.94	.18145	.00042	-.00010	.00082	-.00041	.00215	H354-05J
130	H354-05M	.11500	799.61*	.99611	.09564	.10072	.10434	.10595	.11828	H354-05M
131	H354-05S	.11490	804.92*	.99415	.09604	.10163	.10520	.10622	.11908	H354-05S
132	H354-05	-.00004	812.94*	.92078	-.00001	-.00043	.00216	-.00031	.00194	H354-05
133	H354-05M	.11881	824.57*	1.0311	.09842	.10856	.11171	.10883	.12174	H354-05M
134	H354-05S	.12130	816.60*	1.0212	.10042	.10732	.11099	.11084	.12392	H354-05S
135	CCV12	.51804	67.356*	.50469	2.4453	.49290	.49608	1.5302	2.7346	CCV12
136	CCB12	-.00002	.16493*	-.00005	.00125	-.00018	.00036	-.00001	.00199	CCB12
137	IPI046WB	.00011	.14532*	.00007	.00111	-.00043	-.00018	-.00001	.00147	IPI046WB
138	IPI046WL	.43625	56.004	.49680	.53341	.47794	.51344	.53890	.57827	IPI046WL
139	IPI046WC	.54741	56.458	.49667	.52542	.50798	.51550	.53194	.56558	IPI046WC
140	I714-01A	.45907	323.82	.98400	.50145	.45581	.50122	.52953	.61949	I714-01A
141	I714-01	.00050	279.48	.51172	.00117	.00984	.00320	.00236	.04488	I714-01
142	I714-01D	.00004	278.24	.50651	.00032	.00401	.00277	.00195	.04622	I714-01D
143	I714-01J	.00030	59.231	.10525	-.00016	.00234	.00099	.00029	.00951	I714-01J
144	I714-01M	.55297	333.64	1.0059	.49149	.50352	.50990	.52085	.60849	I714-01M
145	I714-01S	.46844	337.82	1.0081	.49392	.48348	.50446	.52153	.61046	I714-01S
146	CCV13	.51911	67.564*	.50401	2.4385	.49448	.49433	1.5316	2.7285	CCV13
147	CCB13	.00006	.13211*	.00003	.00075	.00014	-.00004	-.00007	.00031	CCB13
148	ICSA3	-.00011	.20896	.00047	.00001	.00122	.00042	-.00042	.00227	ICSA3
149	ICSAB3	1.0857	85.700	.49392	.90536	.95234	.94988	.48677	1.0483	ICSAB3
150	CCV14	.51887	67.496*	.50453	2.4407	.49437	.49691	1.5325	2.7381	CCV14
151	CCB14	.00002	.08520	-.00009	.00112	.00005	.00034	-.00013	.00203	CCB14
152	I036-01	.00016	.75432	.12152	-.00095	.04077	.04933	.04726	154.37*	I036-01
153	I036-02	-.00018	.73529	.11358	-.00094	.04063	.05967	.04811	67.834*	I036-02
154	I036-03	.00006	.76944	.13085	-.00044	.04262	.02992	.05717	86.116*	I036-03
155	I036-04	.00006	.78451	.13374	-.00140	.04001	.05300	.05467	96.020*	I036-04
156	I036-05	-.00012	.80000	.11439	-.00105	.04332	.05124	.05063	83.400*	I036-05
157	I036-06	.00009	.74395	.12112	-.00163	.04108	.07601	.06031	103.30*	I036-06
158	I036-07	-.00005	.74341	.11506	-.00252	.04013	.09767	.06368	81.856*	I036-07
159	I036-08	-.00013	.83990	.14405	-.00064	.04294	.04570	.05611	95.695*	I036-08
160	I036-09	.00015	.75472	.13393	-.00155	.04105	.04892	.05164	159.46*	I036-09
161	I036-10	.00066	.64939	.15357	-.00103	.05530	.12434	.05288	138.55*	I036-10
162	CCV15	.51383	66.922*	.50228	2.4343	.48947	.48911	1.5122	2.7031	CCV15
163	CCB15	-.00007	.04624	-.00006	.00075	.00012	.00029	-.00003	.00075	CCB15
164	I036-11	.00055	.67536	.28836	-.00052	.04461	.05148	.04814	135.88*	I036-11
165	I036-12	.00061	.61979	.19423	-.00036	.04112	.03968	.04258	134.80*	I036-12
166	I036-13	.00059	.61530	.15845	-.00055	.04213	.04119	.04163	120.17*	I036-13
167	I036-14	.00050	.67069	.17362	-.00086	.03984	.04578	.05196	114.54*	I036-14
168	I036-15	.00068	.72745	.14506	-.00128	.04385	.08528	.05486	139.02*	I036-15

169	I036-16	.00078	.76331	.25775	-.00004	.04398	.03892	.04591	143.55*	I036-16
170	I036-17	.00082	.74681	.15764	-.00098	.04657	.05602	.05386	153.07*	I036-17
171	I036-18	.00056	.60086	.19773	-.00185	.04161	.04252	.04422	139.79*	I036-18
172	CCV16	.51498	67.360*	.50194	2.4252	.48368	.48436	1.5094	2.6939	CCV16
173	CCB16	.00005	.03707	-.00003	.00107	-.00034	.00026	.00010	.00104	CCB16
174	IPI043WB	.00002	.02864	.00004	.00131	-.00039	-.00021	-.00002	.00455	IPI043WB
175	IPI043WL	.44376	57.020	.50320	.54054	.47253	.51283	.53858	.57673	IPI043WL
176	IPI043WC	.55199	57.454	.50202	.53228	.50262	.51333	.53164	.56671	IPI043WC
177	WTI002SB	.00085	*****	.00135*	-.02401*	.00924	.00034	.00003	.01664*	WTI002SB
178	I064-01A	.54585	616.10	.68999	.50523	.49983	.59499	.55066	2.7261	I064-01A
179	I064-01T	-.00005	573.70	.20050	-.00308	.00283	.09728	.01347	2.1703	I064-01T
180	I064-01J	-.00001	121.26	.04073	-.00041	.00042	.02029	.00270	.42553	I064-01J
181	I064-01M	.10767	670.44	.32839	.09281	.10019	.21039	.11752	2.6266	I064-01M
182	I064-01S	.10971	641.28	.31909	.09487	.10069	.20617	.11935	2.5090	I064-01S
183	I064-02T	.00016	611.56	.42222	-.00259	.00698	.07525	.02289	.27023	I064-02T
184	CCV17	.52474	69.658*	.51433	2.4805	.48896	.48972	1.5284	2.7294	CCV17
185	CCB17	.00003	.18150*	-.00003	.00119	.00000	.00050	.00005	.00048	CCB17
INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID

ID8I016 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g | ml)	pH	Extract volume (ml)
01	IPI045-WB	50	—	50
02	↓ -WL	50	—	50
03	↓ -WL	50	—	50
04	I031-20	50	<2	50
05	I043-02	50	<2	50
06	-03	50	<2	50
07	-04	50	<2	50
08	↓ -05	50	<2	50
09	H661-09	50	<2	50
10	↓ -10	50	<2	50
11	I051-01	50	<2	50
12	-01M	50	<2	50
13	↓ -01S	50	<2	50
14	I006-01	50	<2	50
15	I005-02	50	<2	50
16	-03	50	<2	50
17	-03M	50	<2	50
18	-03S	50	<2	50
19	↓ -05	50	<2	50
20	H633-02	50	<2	50
21	-04	50	<2	50
22	↓ -05	50	<2	50
23	I019-02	50	<2	50
24	-03	50	<2	50
25	↓ -04	50	<2	50
26	I166-01	50	<2	50
27	↓ -02	50	<2	50
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

9-14-10 MC

Book#: EIP-092
Batch: IPE045-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☐ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-14-10	11:00	90°c
END	9-14-10	15:00	90°c

Standards	ID	Amount Added (ml)
LCS-1	SMIA-013028	0.25
LCS-2	↓ -↓-29	0.25
LCS-3	↓ -↓-30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SMIA-09-253	1.5+1.5
HCl	SMIA-↓-221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0 mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0 mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9-14-10

Date endorsed to waste Disposal:

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I019

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 300.0
ANIONS BY IC

A total of four (4) water samples were received on 09/01/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI005WX/C were all within QC limits.
Percent recoveries for ICI007WL/C were all within QC limits.
Percent recoveries for ICI013WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample I019-01 for Nitrate-N was initially analyzed at DF 5 due to matrix interference.
All samples were reported from dilution runs for Nitrite-N due to matrix interference from high Chloride level.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010C19

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
X8LK1W	1C1005WD	ND	1	NA	0.500	0.250	09/02/1017:38	NA	A1C3-84	A103-77	1C1005W	NA	NA
LCS1W	1C1005WX	5.15	1	NA	0.500	0.250	09/02/1017:54	NA	A1C3-85	A103-77	1C1005W	NA	NA
LCD1W	1C1005WC	5.10	1	NA	0.500	0.250	09/02/1016:49	NA	A1C3-81	A103-77	1C1005W	NA	NA
IW-70-FSB216-A10	1019-01	32.8	5	NA	2.50	1.25	09/02/1020:52	NA	A1C3-96	A103-89	1C1005W	09/01/1011:05	09/01/10
X8LK2W	1C1007WB	ND	1	NA	0.500	0.250	09/03/1001:26	NA	A1C3-113	A103-111	1C1007W	NA	NA
LCS2W	1C1007WL	5.19	1	NA	0.500	0.250	09/03/1001:42	NA	A1C3-114	A103-111	1C1007W	NA	NA
LCD2W	1C1007WC	5.19	1	NA	0.500	0.250	09/03/1001:59	NA	A1C3-115	A103-111	1C1007W	NA	NA
XW-70-PMW08A-A10	1019-02	25.7	10	NA	5.00	2.50	09/03/1008:59	NA	A1C3-141	A103-133	1C1007W	09/01/1011:58	09/01/10
XW-70-PMW08B-A10	1019-03	6.48	5	NA	2.50	1.25	09/03/1009:15	NA	A1C3-142	A103-133	1C1007W	09/01/1012:45	09/01/10
XW-70-PMW08B-A10-D	1019-04	6.41	5	NA	2.50	1.25	09/03/1009:31	NA	A1C3-143	A103-133	1C1007W	09/01/1012:50	09/01/10

METHOD 300.0
CHLORIDE

Client : ENSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC10134W6	ND	1	NA	0.200	0.100	09/07/1014:21	NA	A107-03	A107-01	IC10134	NA	NA
LCS1W	IC10134WL	5.02	1	NA	0.200	0.100	09/07/1014:38	NA	A107-04	A107-01	IC10134W	NA	NA
LCD1W	IC10134WC	5.00	1	NA	0.200	0.100	09/07/1014:54	NA	A107-05	A107-01	IC10134W	NA	NA
IW-70-FSB216-A10	I019-01	11900	1000	NA	200	100	09/07/1018:40	NA	A107-19	A107-13	IC10134W	09/01/1011:05	09/01/10
MW-70-PMW08A-A10	I019-02	9300	500	NA	100	50.0	09/07/1018:56	NA	A107-20	A107-13	IC10134W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	I019-03	2400	200	NA	40.0	20.0	09/07/1019:28	NA	A107-22	A107-13	IC10134W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	I019-04	2400	200	NA	40.0	20.0	09/07/1020:01	NA	A107-24	A107-13	IC10134W	09/01/1012:50	09/01/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1D1019

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1C05WQ	ND	1	NA	0.200	0.0500	09/02/1017:38	NA	A103-84	A103-77	1C1005W	NA	NA
LCS1W	IC1C05WX	1.91	1	NA	0.200	0.0500	09/02/1017:54	NA	A103-85	A103-77	1C1005W	NA	NA
LCD1W	IC1C05WC	1.90	1	NA	0.200	0.0500	09/02/1016:49	NA	A103-81	A103-77	1C1005W	NA	NA
IW-70-FSB216-A10	I019-01	ND	5	NA	1.00	0.250	09/02/1020:52	NA	A103-96	A103-89	1C1005W	09/01/1011:05	09/01/10
MW-70-PMW03A-A10	I019-02	0.0810J	1	NA	0.200	0.0500	09/02/1021:08	NA	A103-97	A103-89	1C1005W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	I019-03	ND	1	NA	0.200	0.0500	09/02/1021:24	NA	A103-98	A103-89	1C1005W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	I019-04	ND	1	NA	0.200	0.0500	09/02/1021:40	NA	A103-99	A103-89	1C1005W	09/01/1012:50	09/01/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : L10C

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1007WB	ND	1	NA	0.200	0.0500	09/03/1001:26	NA	A103-113	A103-111	IC1007W	NA	NA
LCS1W	IC1007WL	2.04	1	NA	0.200	0.0500	09/03/1001:42	NA	A103-114	A103-111	IC1007W	NA	NA
LCD1W	IC1007WC	2.04	1	NA	0.200	0.0500	09/03/1001:59	NA	A103-115	A103-111	IC1007W	NA	NA
IW-70-FS8216-A10	1019-01	ND	20	NA	4.00	1.00	09/03/1008:43	NA	A103-140	A103-133	IC1007W	09/01/1011:05	09/01/10
MW-70-PMW08A-A10	1019-02	ND	10	NA	2.00	0.500	09/03/1008:59	NA	A103-141	A103-133	IC1007W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	1019-03	ND	5	NA	1.00	0.250	09/03/1009:15	NA	A103-142	A103-133	IC1007W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	1019-04	ND	5	NA	1.00	0.250	09/03/1009:31	NA	A103-143	A103-133	IC1007W	09/01/1012:50	09/01/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10I019

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1005WQ	ND	1	NA	0.500	0.250	09/02/1017:38	NA	A103-84	A103-77	IC1005W	NA	NA
LCS1W	IC1005WK	4.83	1	NA	0.500	0.250	09/02/1017:54	NA	A103-85	A103-77	IC1005W	NA	NA
LCD1W	IC1005WC	4.83	1	NA	0.500	0.250	09/02/1016:49	NA	A103-8[illegible]	A103-77	IC1005W	NA	NA
IW-70-FSB216-A10	I019-01	3.51	5	NA	2.50	1.25	09/02/1020:52	NA	A103-96	A103-89	IC1005W	09/01/1011:05	09/01/10
MBLK2W	IC1013WB	ND	1	NA	0.500	0.250	09/07/1014:21	NA	A107-03	A107-01	IC1013W	NA	NA
LCS2W	IC1013WL	4.88	1	NA	0.500	0.250	09/07/1014:38	NA	A107-04	A107-01	IC1013W	NA	NA
LCD2W	IC1013WC	4.87	1	NA	0.500	0.250	09/07/1014:54	NA	A107-05	A107-01	IC1013W	NA	NA
MW-70-PMW08A-A10	I019-02	1520	500	NA	250	125	09/07/1018:56	NA	A107-20	A107-13	IC1013W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	I019-03	342	40	NA	20.0	10.0	09/07/1019:12	NA	A107-21	A107-13	IC1013W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	I019-04	352	40	NA	20.0	10.0	09/07/1019:45	NA	A107-23	A107-13	IC1013W	09/01/1012:50	09/01/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1005WQ IC1005WX IC1005WC
LAB FILE ID: A103-84 A103-85 A103-81
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/02/1017:38 09/02/1017:54 09/02/1016:49 DATE RECEIVED: NA
PREP. BATCH: IC1005W IC1005W IC1005W
CALIB. REF: A103-77 A103-77 A103-77

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.15	103	5.00	5.10	102	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1007WB IC1007WL IC1007WC
LAB FILE ID: A103-113 A103-114 A103-115
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1001:26 09/03/1001:42 09/03/1001:59 DATE RECEIVED: NA
PREP. BATCH: IC1007W IC1007W IC1007W
CALIB. REF: A103-111 A103-111 A103-111

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.19	104	5.00	5.19	104	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	1C1013WB	1C1013WL	1C1013WC		
LAB FILE ID:	A107-03	A107-04	A107-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1014:21	09/07/1014:38	09/07/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	1C1013W	1C1013W	1C1013W		
CALIB. REF:	A107-01	A107-01	A107-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	5.02	100	5.00	5.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKIW
LAB SAMP ID: IC1005WD IC1005WX IC1005WC
LAB FILE ID: A103-84 A103-85 A103-81
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/02/1017:38 09/02/1017:54 09/02/1016:49 DATE RECEIVED: NA
PREP. BATCH: IC1005W IC1005W IC1005W
CALIB. REF: A103-77 A103-77 A103-77

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.91	95	2.00	1.90	95	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 109019
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1007WB IC1007WL IC1007WC
LAB FILE ID: A103-113 A103-114 A103-115
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1001:26 09/03/1001:42 09/03/1001:59 DATE RECEIVED: NA
PREP. BATCH: IC1007W IC1007W IC1007W
CALIB. REF: A103-111 A103-111 A103-111

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.04	102	2.00	2.04	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: HBLK1W
LAB SAMP ID: IC1005WG IC1005WX IC1005WC
LAB FILE ID: A103-84 A103-85 A103-81
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/02/1017:38 09/02/1017:54 09/02/1016:49 DATE RECEIVED: NA
PREP. BATCH: IC1005W IC1005W IC1005W
CALIB. REF: A103-77 A103-77 A103-77

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.83	97	5.00	4.83	97	0	93-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	IC1013WB	1C1013WL	1C1013WC		
LAB FILE ID:	A107-03	A107-04	A107-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1014:21	09/07/1014:38	09/07/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	1C1013W	IC1013W	IC1013W		
CALIB. REF:	A107-01	A107-01	A107-01		

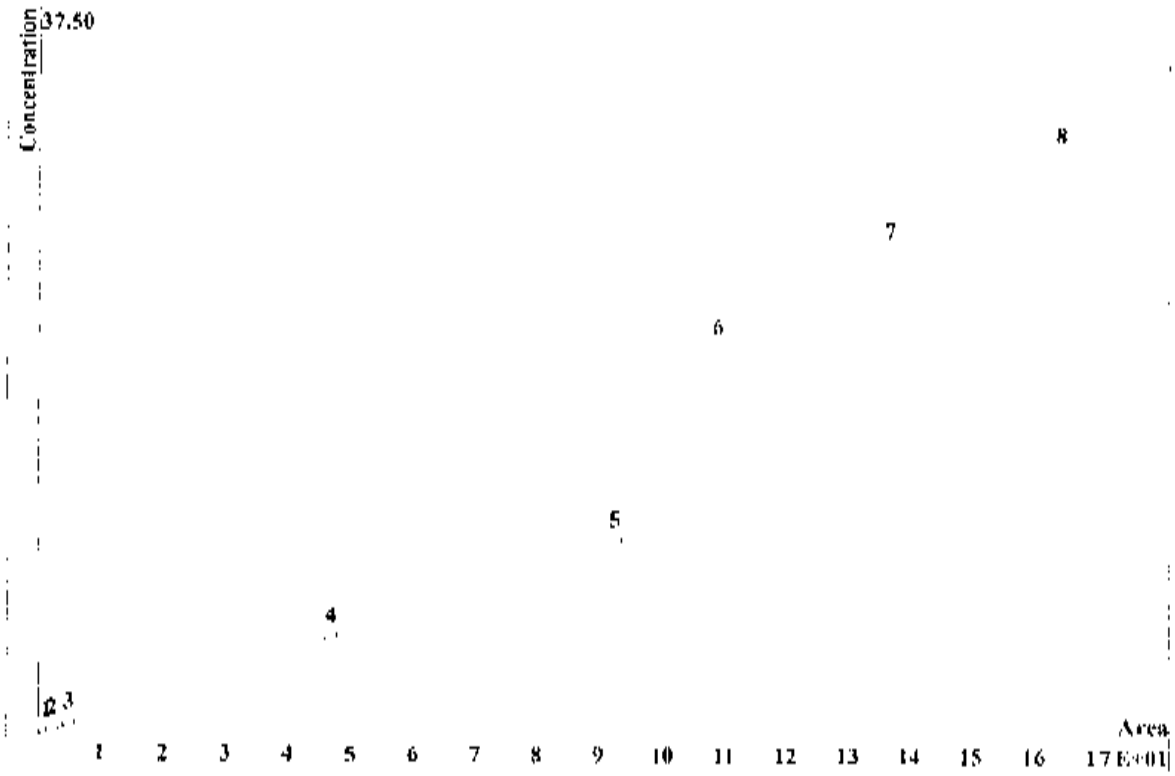
ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.88	98	5.00	4.87	97	0	90-110	20

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100 101.mtw
Equation: Q = 0.108366·A + 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



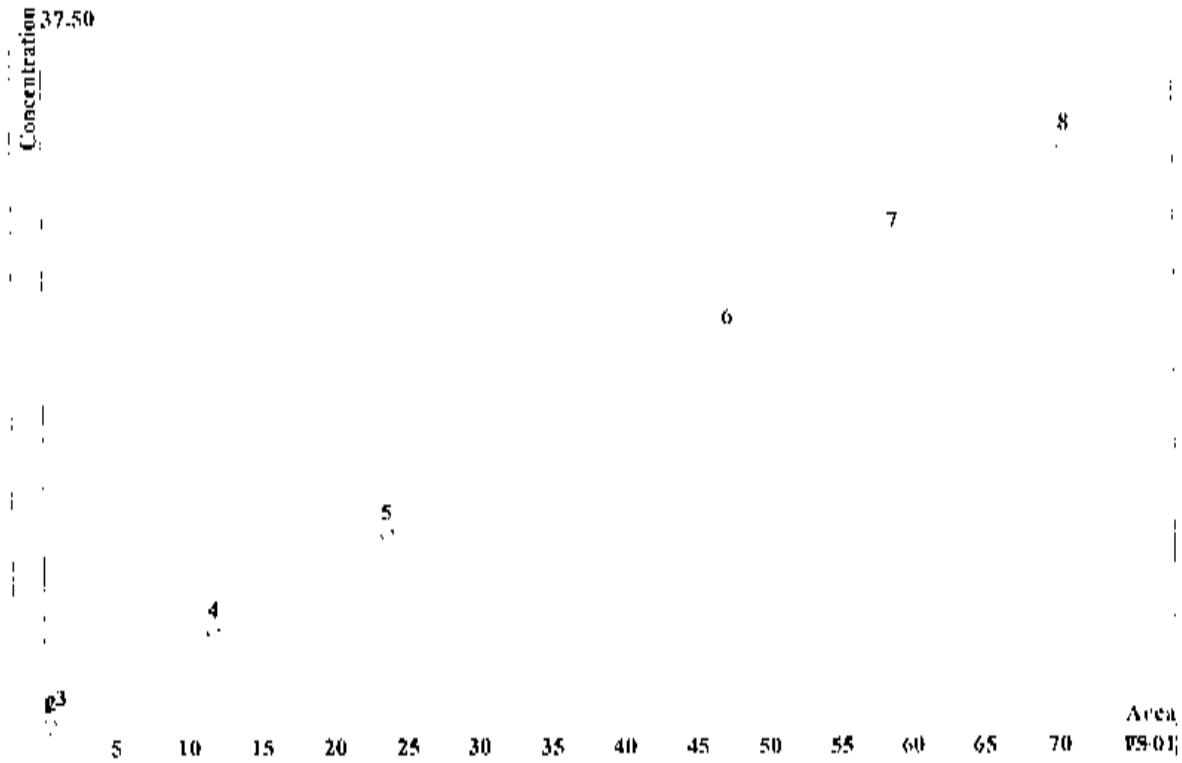
K3 0 K2 = 0 K1 = 0.108366 K0 = 0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011638.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011654.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/02/10

CALIBRATION OF COMPONENT chloride

Method: IC100-101.mtw
Equation: Q = 0.042441*A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



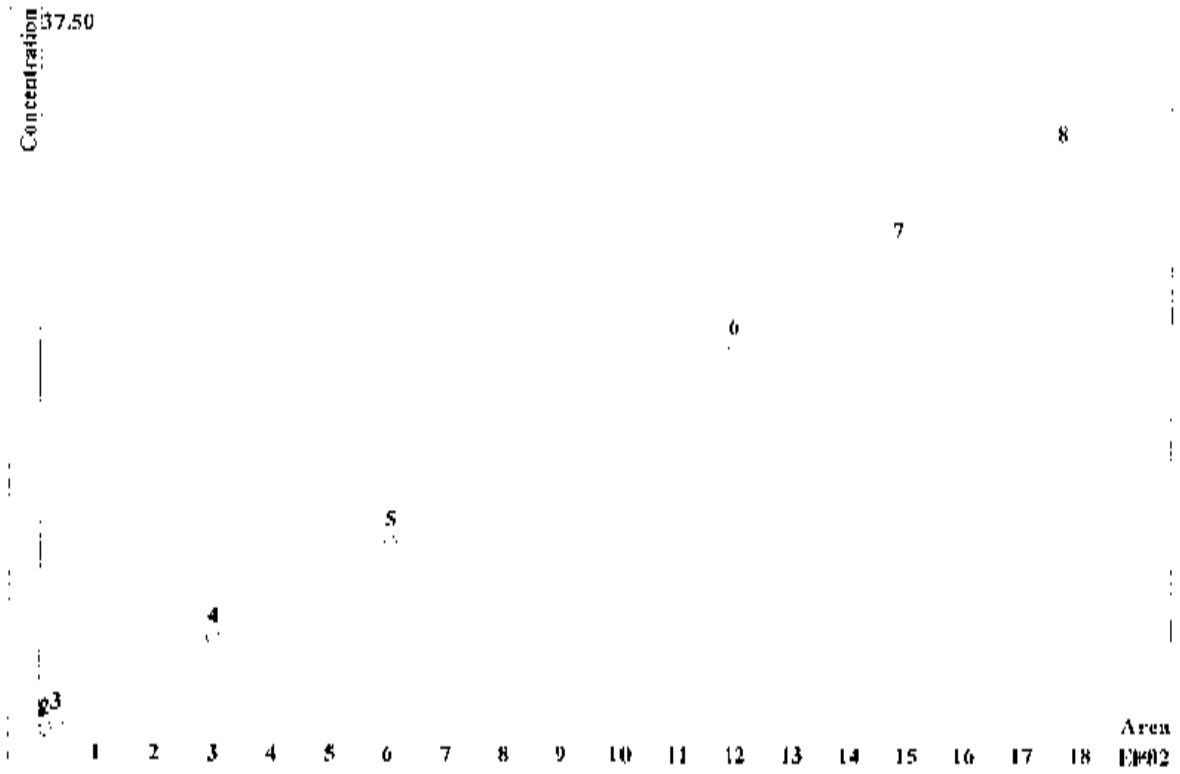
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AS
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: IC100 101.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

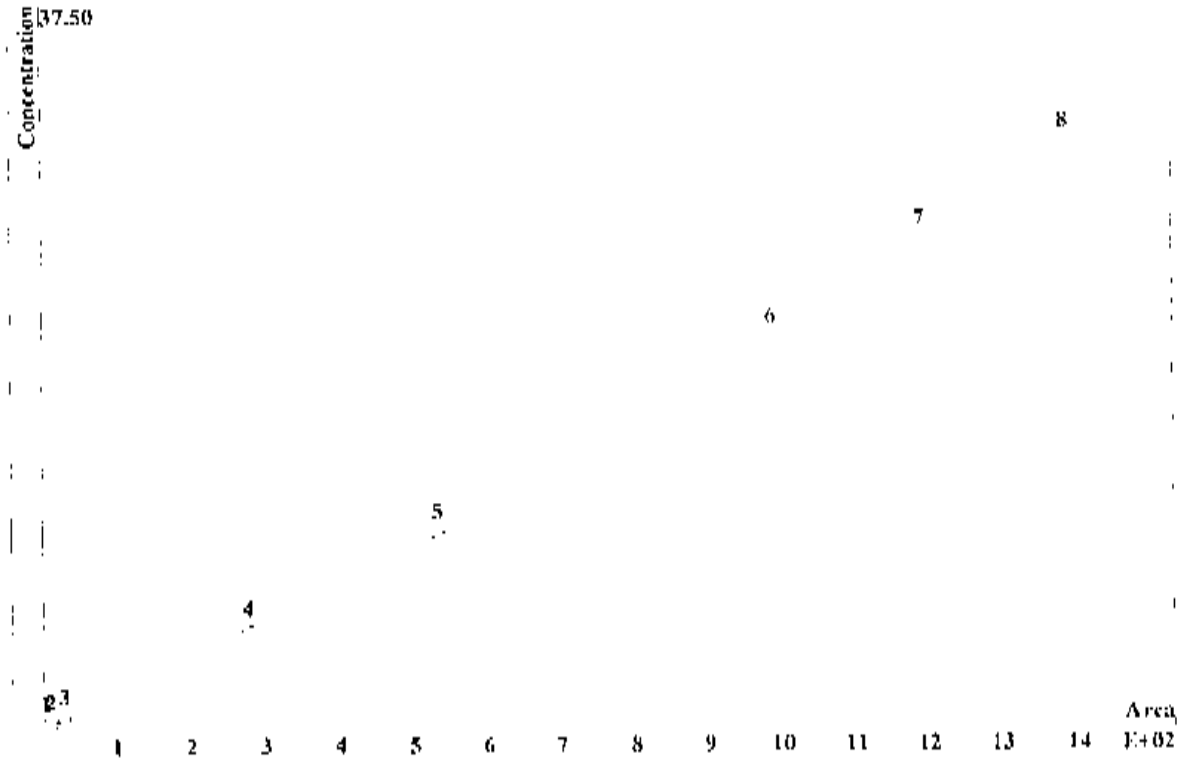
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1108	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RA
9/2/10

CALIBRATION OF COMPONENT Nitrate

Method: IC100 I01.mrw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

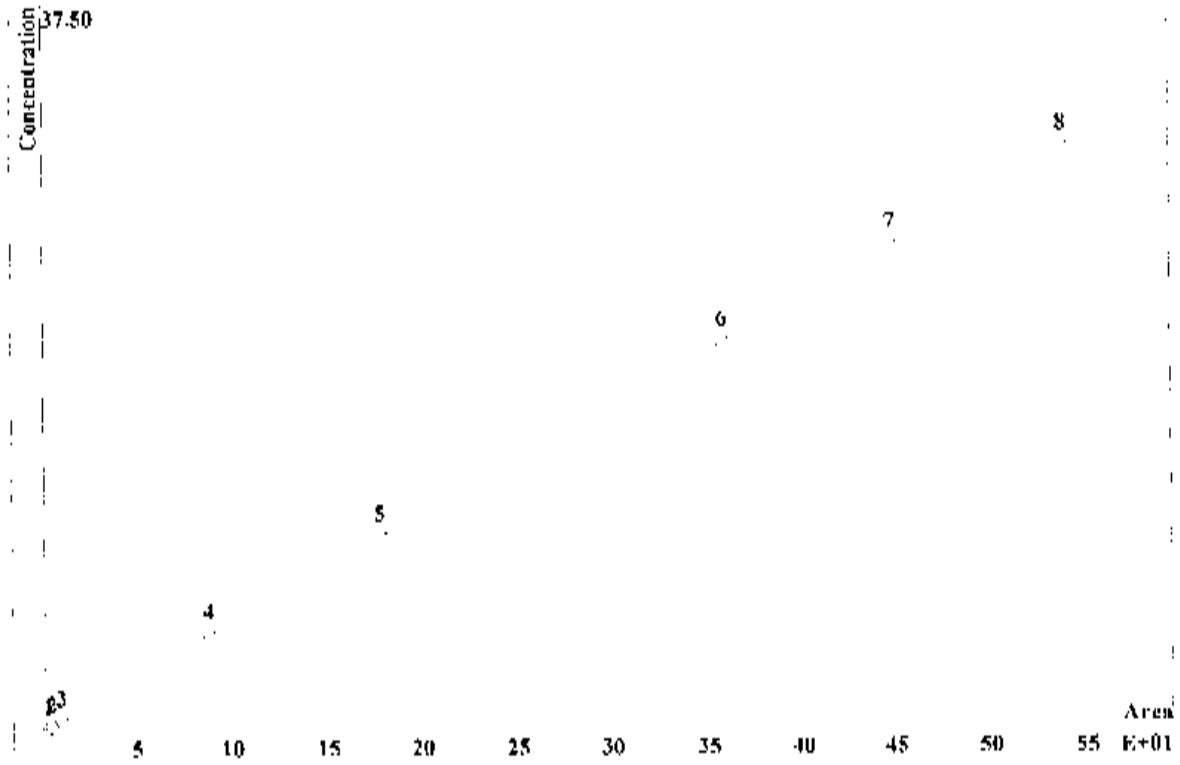
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.335	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AA
09/02/10

CALIBRATION OF COMPONENT sulface

Method: IC100-I02.mtw
Equation: Q 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999998



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

AR
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : :01/AI01

IFID	..SID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AI01-01	18	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
AI01-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
AI01-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : I01/A101

LFID	LSID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DI
AI07-01	CCV43	SCPNFIB	97.2%	100.2%	103.7%	94.7%	103.2%	101.4%	107.4%	u9071349	1
AI07-02	CCB43	SCPNFIB	0	0	0	0	0	0	0	u9071405	1
AI07-13	CCV45	SCPNFIB	98.4%	102.6%	103.4%	96.8%	104.5%	105.8%	110%	u9071705	1
AI07-14	CCB45	SCPNFIB	0	0	0	0	0	0	0	u9071719	1
AI07-25	CCV47	SCPNFIB	97%	100.3%	100.3%	94.8%	102.8%	101.7%	107.6%	u9072017	1
AI07-26	CCB47	SCPNFIB	0	0	0	0	0	0	0	u9072033	1
AI07-33	CCV49	SCPNFIB	97.1%	100.5%	101.7%	95%	103.1%	101.9%	107.8%	u9072226	1
AI07-34	CCB49	SCPNFIB	0	0	0	0	0	0	0	u9072242	1
AI07-45	CCV51	SCPNFIB	96.8%	98.4%	100.6%	89.7%*	103.5%	100.1%	95.2%	u9080140	1
AI07-46	CCB51	SCPNFIB	0	0	0	0	0	0	0	u9080156	1
AI07-57	CCV53	SCPNFIB	96.9%	98.8%	99.9%	89.5%*	103.9%	100.3%	94.5%	u9080454	1
AI07-58	CCB53	SCPNFIB	0	0	0	0	0	0	0	u9080510	1
AI07-62	CCV55	SCPNFIB	97%	98.4%	99.9%	89.2%*	103.4%	99.9%	93.9%	u9080615	1
AI07-63	CCB55	SCPNFIB	0	0	0	0	0	0	0	u9080631	1

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	phosphate	chloride	nitrate	fluoride	nitrite	bromide	sulfate	RawNetID	DF
AI03-01	CCV1	PCNFIBS	98.4%	99.2%	94.7%	104%	101.6%	104.8%	97.3%	u9011841	1
AI03-02	CCB1	PCNFIBS	0	0	0	0	0	0	0	u9011858	1
AI03-12	CCV3	PCNFIBS	97.7%	99.6%	95%	104.1%	102%	105.7%	97.8%	u9012139	1
AI03-13	CCB3	PCNFIBS	0	0	0	0	0	0	0	u9012155	1
AI03-24	CCV5	PCNFIBS	98.7%	100.1%	95.4%	104%	102.4%	106.4%	98%	u9020053	1
AI03-25	CCB5	PCNFIBS	0	0	0	0	0	0	0	u9020109	1
AI03-36	CCV7	PCNFIBS	99.1%	100.2%	95.6%	104.4%	102.4%	106.3%	98.1%	u9020407	1
AI03-37	CCB7	PCNFIBS	0	0	0	0	0	0	0	u9020423	1
AI03-48	CCV9	PCNFIBS	98.9%	100.7%	95.8%	104.3%	102.7%	106.7%	98.3%	u9020721	1
AI03-49	CCB9	PCNFIBS	0	0	0	0	0	0	0	u9020737	1
AI03-58	CCV11	PCNFIBS	101%	100.9%	96.4%	104.9%	103.1%	107.4%	98.6%	u9021003	1
AI03-59	CCB11	PCNFIBS	0	0	0	0	0	0	0	u9021019	1
AI03-70	CCV13	PCNFIBS	102.8%	101.5%	96.7%	105.6%	103.5%	108%	98.7%	u9021317	1
AI03-71	CCB13	PCNFIBS	0	0	0	0	0	0	0	u9021333	1
AI03-77	CCV15	PCNFIBS	103.3%	101.2%	96.7%	105.7%	103.4%	107.8%	98.8%	u9021510	1
AI03-78	CCB15	PCNFIBS	0	0	0	0	0	0	0	u9021526	1
AI03-89	CCV17	PCNFIBS	101.7%	100.7%	95.1%	105.1%	102.2%	105.7%	96.6%	u9021858	1
AI03-90	CCB17	PCNFIBS	0	0	0	0	0	0	0	u9021915	1
AI03-101	CCV19	PCNFIBS	103.5%	100.9%	94.7%	104.3%	101.8%	105.9%	96.5%	u9022212	1
AI03-102	CCB19	PCNFIBS	0	0	0	0	0	0	0	u9022229	1
AI03-111	CCV21	PCNFIBS	103.4%	99.9%	94.7%	104.2%	101.7%	105.3%	96.1%	u9030054	1
AI03-112	CCB21	PCNFIBS	0	0	0	0	0	0	0	u9030110	1
AI03-123	CCV23	PCNFIBS	100.8%	100.2%	95%	104.1%	101.9%	106%	96.8%	u9030408	1
AI03-124	CCB23	PCNFIBS	0	0	0	0	0	0	0	u9030424	1
AI03-133	CCV25	PCNFIBS	102.7%	100.5%	95.6%	104.7%	102.3%	106.3%	96.9%	u9030650	1
AI03-134	CCB25	PCNFIBS	0	0	0	0	0	0	0	u9030706	1
AI03-144	CCV27	PCNFIBS	103.6%	100.8%	95.8%	105%	102.5%	107.5%	97.4%	u9030947	1
AI03-145	CCB27	PCNFIBS	0	0	0	0	0	0	0	u9031003	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

Stock-01-173 (320 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL
Stock-01-172 (100 mM $NaHCO_3$) 1 mL

IC Regenerant

Stock — 50 [illegible]

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100 - 101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	SI18-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	1		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	2		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	3		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	4		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	5		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	6		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	7		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	8		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A103
Method File:	IC100 · T01.mtw
Analytical Batch:	IC100MW, IC100MW, IC100MW, IC100MW

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-4-2
ICV	↓ -3
CCV	STIB-15-5-1 / STIB-15-1-1
LCS	STIB-15-5-2 / STIB-15-1-2
MS	Anion Spike Cl^-, NO_3^-, NO_2^- (4ppm) $Cl^-, Br^-, PO_4^{3-}, SO_4^{2-}$ (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SWM-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 mL

SWM-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

SWM-01-130 (100 mM H_2SO_4)

Date: 9/1/10 - 9/3/10

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	64	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	65	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	66	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	67	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	68	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	69	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	70	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	71	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	72	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	73	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	74	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	75	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	76	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	77	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	78	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	79	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	80	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	81	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	82	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	83	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	84	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	85	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	86	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	87	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	88	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	89	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	90	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	91	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	92	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	93	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	94	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	95	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	96	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	97	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	98	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	99	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	100	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		

FINAL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	5.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		

3/3/13

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	RI07
Method File:	IC100-I01.mtw
Analytical Batch:	IC-I013W, IC-I015W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	↓ -3
CCV	SI18-15-8-2
LCS	SI18-15-8-3
MS	[illegible] 5,NO3,NH4 (5ppm) 6,18,PO4,SO4 (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SU4-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 mL

SU4-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

SU4-01-130 (1000 mM H_2SO_4)

Date: 9/7/10

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
s9971349.ch	IC100-101.mth	A107-01 CCV43	1	1.0	1.0	1.0	100.0	0		
s9971467.ch	IC100-101.mth	A107-02 CCB43	2	1.0	1.0	1.0	100.0	0		
s9971433.ch	IC100-101.mth	A107-03 IC101318	3	1.0	1.0	1.0	100.0	0		
s9971433.ch	IC100-101.mth	A107-04 IC101318	4	1.0	1.0	1.0	100.0	0		
s9971494.ch	IC100-101.mth	A107-05 IC101318	5	1.0	1.0	1.0	100.0	0		
s9971516.ch	IC100-101.mth	A107-06 H665-93	6	1.0	1.0	1.0	100.0	0		
s9971526.ch	IC100-101.mth	A107-07 H993-91 DF=10	7	1.0	10.0	1.0	100.0	0		
s9971542.ch	IC100-101.mth	A107-08 H993-91 DF=10	8	1.0	10.0	1.0	100.0	0		
s9971553.ch	IC100-101.mth	A107-09 H993-91 DF=10	9	1.0	10.0	1.0	100.0	0		
s9971615.ch	IC100-101.mth	A107-10 I006-91 DF=10	10	1.0	10.0	1.0	100.0	0		
s9971631.ch	IC100-101.mth	A107-11 I006-92 DF=5	11	1.0	5.0	1.0	100.0	0		
s9971647.ch	IC100-101.mth	A107-12 I006-92 DF=5	12	1.0	5.0	1.0	100.0	0		
s9971703.ch	IC100-101.mth	A107-13 CCV45	13	1.0	1.0	1.0	100.0	0		
s9971719.ch	IC100-101.mth	A107-14 CCB45	14	1.0	1.0	1.0	100.0	0		
s9971735.ch	IC100-101.mth	A107-15 I006-04 DF=5	15	1.0	5.0	1.0	100.0	0		
s9971751.ch	IC100-101.mth	A107-16 I006-04D DF=5	16	1.0	5.0	1.0	100.0	0		
s9971828.ch	IC100-101.mth	A107-17 I006-04H DF=5	17	1.0	5.0	1.0	100.0	0		
s9971824.ch	IC100-101.mth	A107-18 I006-04S DF=5	18	1.0	5.0	1.0	100.0	0		
s9971845.ch	IC100-101.mth	A107-19 I012-01 DF=1000	19	1.0	1000.0	1.0	100.0	0		
s9971856.ch	IC100-101.mth	A107-20 I012-02 DF=500	20	1.0	500.0	1.0	100.0	0		
s9971912.ch	IC100-101.mth	A107-21 I012-03 DF=40	21	1.0	40.0	1.0	100.0	0		
s9971928.ch	IC100-101.mth	A107-22 I012-03 DF=200	22	1.0	200.0	1.0	100.0	0		
s9971945.ch	IC100-101.mth	A107-23 I012-04 DF=40	23	1.0	40.0	1.0	100.0	0		
s9972001.ch	IC100-101.mth	A107-24 I012-04 DF=200	24	1.0	200.0	1.0	100.0	0		
s9972017.ch	IC100-101.mth	A107-25 CCV45	25	1.0	1.0	1.0	100.0	0		
s9972033.ch	IC100-101.mth	A107-26 CCB45	26	1.0	1.0	1.0	100.0	0		
s9972049.ch	IC100-101.mth	A107-27 H663-12 DF=40	27	1.0	40.0	1.0	100.0	0		
s9972105.ch	IC100-101.mth	A107-28 H661-08 DF=20	28	1.0	20.0	1.0	100.0	0		
s9972112.ch	IC100-101.mth	A107-29 H661-08 DF=500	29	1.0	500.0	1.0	100.0	0		
s9972135.ch	IC100-101.mth	A107-30 H661-09 DF=100	30	1.0	100.0	1.0	100.0	0		
s9972154.ch	IC100-101.mth	A107-31 H661-09 DF=1000	31	1.0	1000.0	1.0	100.0	0		
s9972216.ch	IC100-101.mth	A107-32 H661-16 DF=100	32	1.0	100.0	1.0	100.0	0		
s9972236.ch	IC100-101.mth	A107-33 CCV45	33	1.0	1.0	1.0	100.0	0		
s9972243.ch	IC100-101.mth	A107-34 CCB45	34	1.0	1.0	1.0	100.0	0		
s9972259.ch	IC100-101.mth	A107-35 IC101318	35	1.0	1.0	1.0	100.0	0		
s9972315.ch	IC100-101.mth	A107-36 IC101318	36	1.0	1.0	1.0	100.0	0		
s9972331.ch	IC100-101.mth	A107-37 IC101318	37	1.0	1.0	1.0	100.0	0		
s9972347.ch	IC100-101.mth	A107-38 I006-91 DF=10	38	1.0	10.0	1.0	100.0	0		
s9972363.ch	IC100-101.mth	A107-39 I007-93 DF=10	39	1.0	10.0	1.0	100.0	0		
s9972419.ch	IC100-101.mth	A107-40 I007-93 DF=10	40	1.0	10.0	1.0	100.0	0		
s9972436.ch	IC100-101.mth	A107-41 I007-94 DF=10	41	1.0	10.0	1.0	100.0	0		
s9972452.ch	IC100-101.mth	A107-42 I007-96 DF=20	42	1.0	20.0	1.0	100.0	0		
s9972468.ch	IC100-101.mth	A107-43 I007-96 DF=20	43	1.0	20.0	1.0	100.0	0		
s9972524.ch	IC100-101.mth	A107-44 I039-94 DF=10	44	1.0	10.0	1.0	100.0	0		
s9972540.ch	IC100-101.mth	A107-45 CCV45	45	1.0	1.0	1.0	100.0	0		
s9972556.ch	IC100-101.mth	A107-46 CCB45	46	1.0	1.0	1.0	100.0	0		
s9972613.ch	IC100-101.mth	A107-47 I063-97 DF=10	47	1.0	10.0	1.0	100.0	0		
s9972627.ch	IC100-101.mth	A107-48 I063-97D DF=10	48	1.0	10.0	1.0	100.0	0		
s9972645.ch	IC100-101.mth	A107-49 I063-97M DF=10	49	1.0	10.0	1.0	100.0	0		
s9972661.ch	IC100-101.mth	A107-50 I063-97S DF=10	50	1.0	10.0	1.0	100.0	0		
s9972717.ch	IC100-101.mth	A107-51 I029-91 DF=5	51	1.0	5.0	1.0	100.0	0		
s9972733.ch	IC100-101.mth	A107-52 I029-92 DF=5	52	1.0	5.0	1.0	100.0	0		
s9972749.ch	IC100-101.mth	A107-53 I029-93 DF=5	53	1.0	5.0	1.0	100.0	0		
s9972806.ch	IC100-101.mth	A107-54 I029-94 DF=10	54	1.0	10.0	1.0	100.0	0		
s9972822.ch	IC100-101.mth	A107-55 I029-95 DF=5	55	1.0	5.0	1.0	100.0	0		
s9972838.ch	IC100-101.mth	A107-56 I029-96 DF=10	56	1.0	10.0	1.0	100.0	0		
s9972854.ch	IC100-101.mth	A107-57 CCV45	57	1.0	1.0	1.0	100.0	0		

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 300.0(M)
ORGANICS BY IC

A total of four (4) water samples were received on 09/01/10 for Organic Acids (Acetate, Butyrate, Lactate and propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, four (4) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Four (4) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCI008WL/C were all within QC limits.
Percent recoveries for HCI012WL/C were all within QC limits.
Percent recoveries for HCI018WC/X were all within QC limits.
Percent recoveries for HCI022WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

Lactate was reported from 2x due to high concentration of Acetate.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : 1109

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	HI20003	HI20001	HC1018W	NA	NA
LCD1W	HC1018WC	20.4	1	NA	1.00	0.500	09/20/1016:20	NA	HI20005	HI20001	HC1018W	NA	NA
LCS1W	HC1018WX	21.1	1	NA	1.00	0.500	09/20/1020:01	NA	HI20009	HI20001	HC1018W	NA	NA
IW-70-FSB216-A10	1019-01	682	50	NA	50.0	25.0	09/20/1022:33	NA	HI20012	HI20001	HC1018W	09/01/1011:05	09/01/10
MBLK2W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HC1008W	NA	NA
LCS2W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HC1008W	NA	NA
LCD2W	HC1008WC	19.1	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HC1008W	NA	NA
MW-70-PMW08A-A10	1019-02	ND	1	NA	1.00	0.500	09/11/1001:36	NA	HI10014	HI10007	HC1008W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	1019-03	ND	1	NA	1.00	0.500	09/11/1002:42	NA	HI10015	HI10007	HC1008W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	1019-04	ND	1	NA	1.00	0.500	09/11/1003:48	NA	HI10016	HI10007	HC1008W	09/01/1012:50	09/01/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10C019

Matrix : WATER
Instrument ID : H1C6

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC10C8W3	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110C03	HC10001	HC1008W	NA	NA
LCS1W	HC10C8WL	18.7	1	NA	1.00	0.500	09/10/1016:49	NA	H110C04	HC10001	HC1008W	NA	NA
LCD1W	HC10C8WC	18.2	1	NA	1.00	0.500	09/10/1017:10	NA	H110C05	HC10001	HC1008W	NA	NA
1W-70-FS3276-A10	IC19-01	11.8	1	NA	1.00	0.500	09/11/1000:30	NA	H110013	HC10007	HC1008W	09/01/1011:05	09/01/10
MW-70-PMW08A-A10	IC19-02	ND	1	NA	1.00	0.500	09/11/1001:36	NA	H110014	HC10007	HC1008W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	IC19-03	ND	1	NA	1.00	0.500	09/11/1002:42	NA	H110015	HC10007	HC1008W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	IC19-04	ND	1	NA	1.00	0.500	09/11/1003:48	NA	H110016	HC10007	HC1008W	09/01/1012:50	09/01/10

METHOD 300.0(M)
LACTATE

Client : ENSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10109

Matrix : WATER
Instrument ID : 3106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
LCS1W	HC1012WL	19.4	1	NA	1.00	0.500	09/14/1010:17	NA	H114003	H114001	HC1012W	NA	NA
LCD1W	HC1012WC	19.4	1	NA	1.00	0.500	09/14/1010:38	NA	H114004	H114001	HC1012W	NA	NA
MBLK1W	HC1012WB	ND	1	NA	1.00	0.500	09/14/1012:05	NA	H114006	H114001	HC1012W	NA	NA
MW-70-FS3216-A1C	I019-01	ND	2	NA	2.00	1.00	09/14/1015:17	NA	H114010	H114008	HC1012W	09/01/1011:05	09/01/10
MBLK2W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110003	H110001	HC1008W	NA	NA
LCS2W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	H110004	H110001	HC1008W	NA	NA
LCD2W	HC1008WC	18.7	1	NA	1.00	0.500	09/10/1017:10	NA	H110005	H110001	HC1008W	NA	NA
MW-70-PMW08A-A1D	I019-02	ND	1	NA	1.00	0.500	09/11/1001:36	NA	H110014	H100007	HC1008W	09/01/1011:58	09/01/10
MW-70-PMW08B-A1D	I019-03	ND	1	NA	1.00	0.500	09/11/1002:42	NA	H110015	H100007	HC1008W	09/01/1012:45	09/01/10
MW-70-PMW08B-A1D-D	I019-04	ND	1	NA	1.00	0.500	09/11/1003:48	NA	H110016	H100007	HC1008W	09/01/1012:53	09/01/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010'9

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LEID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1022WB	ND	1	NA	1.00	0.500	09/22/'01':17	NA	H122003	H122C31	HC1022W	NA	NA
LCS1W	HC1022WL	21.3	1	NA	1.00	0.500	09/22/'01':38	NA	H122004	H122C31	HC1022W	NA	NA
LCD1W	HC1022WC	21.2	1	NA	1.00	0.500	09/22/'01':59	NA	H122005	H122C31	HC1022W	NA	NA
IW-70-FS9216-A10	1019-01	75.3	5	NA	5.00	2.50	09/22/'012:20	NA	H122006	H122001	HC1022W	09/01/1011:05	09/01/10
MBLK2W	HC1008WB	ND	1	NA	1.00	0.500	09/10/'016:28	NA	H110003	H110001	HC1008W	NA	NA
LCS2W	HC1008WL	19.7	1	NA	1.00	0.500	09/10/'016:49	NA	H110004	H110001	HC1008W	NA	NA
LCD2W	HC1008WC	19.3	1	NA	1.00	0.500	09/10/'017:10	NA	H110005	H110001	HC1008W	NA	NA
MW-70-PMW08A-A10	1019-02	ND	1	NA	1.00	0.500	09/11/100'1:36	NA	H110014	H110007	HC1008W	09/01/1011:58	09/01/10
MW-70-PMW08B-A10	1019-03	ND	1	NA	1.00	0.500	09/11/1002:42	NA	H110015	H110007	HC1008W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	1019-04	ND	1	NA	1.00	0.500	09/11/1003:48	NA	H110016	H110007	HC1008W	09/01/1012:50	09/01/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1018WB	HC1018WK	HC1018WC		
LAB FILE ID:	H120003	H120009	H120005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/20/1015:38	09/20/1020:01	09/20/1016:20	DATE RECEIVED:	NA
PREP. BATCH:	HC1018W	HC1018W	HC1018W		
CALIB. REF:	H120001	H120031	H120001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	21.1	105	20.0	20.4	102	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ESC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MB.K2W
LAB SAMP ID: HC1008WB HC1008WC HC1008WD
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.6	98	20.0	19.1	96	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 73.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1008WB HC1008WL HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: HI10001 HI10001 HI10001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.7	94	20.0	18.2	91	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1012WB	HC1012WL	HC1012WC		
LAB FILE ID:	H114006	H114003	H114004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1012:05	09/14/1010:17	09/14/1010:38	DATE RECEIVED:	NA
PREP. BATCH:	HC1012W	HC1012W	HC1012W		
CALIB. REF:	H114001	H114001	H114001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.4	97	20.0	19.4	97	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: HC1008WB HC1008WL HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	18.7	94	5	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HCE038WB	HCE038WC	HCE038WC		
LAB FILE ID:	H110003	H110004	H110005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	H110001	H110001	H110001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	19.7	98	20.0	19.3	96	2	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1022WB HC1022WC HC1022WC
LAB FILE ID: H122003 H122004 H122005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1011:17 09/22/1011:38 09/22/1011:59 DATE RECEIVED: NA
PREP. BATCH: HC1022W HC1022W HC1022W
CALIB. REF: H122001 H122001 H122001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	21.3	107	20.0	21.2	106	0	90-110	20

INITIAL CALIBRATION

IC SEQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13001	IB	ABLPY	OA106113	09/13/1014:36	1
HI13002	S-0	ABLPY	OA106113	09/13/1014:57	1
HI13003	S-1	ABLPY	OA106113	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106113	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106113	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106113	09/13/1017:58	1
HI13007	S-5	ABLPY	OA106113	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106113	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106113	09/13/1019:01	1

9/13/10

IC SEQ FORM/HG15

LFID	LSID	SELCOMP	METHOD	DateTime	OF
HG15001	S-0	ABLPY	OA106G15	07/15/1017:49	1
HG15002	IB	ABLPY	OA106G15	07/15/1017:28	1
HG15003	S-1	ABLPY	OA106G15	07/15/1018:31	1
HG15004	S-2	ABLPY	OA106G15	07/15/1018:52	1
HG15005	S-3	ABLPY	OA106G15	07/15/1019:13	1
HG15006	S-4	ABLPY	OA106G15	07/15/1019:34	1
HG15007	S-5	ABLPY	OA106G15	07/15/1019:55	1
HG15008	ICV	ABLPY	OA106G15	07/15/1020:16	1
HG15009	ICB	ABLPY	OA106G15	07/15/1020:37	1
HG15010	CCV2	ABLPY	OA106G15	07/15/1020:58	1
HG15011	CCB2	ABLPY	OA106G15	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	OA106G15	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	OA106G15	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	OA106G15	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	OA106G15	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	OA106G15	07/15/1023:04	1
HG15017	CCV4	ABLPY	OA106G15	07/15/1023:25	1
HG15018	CCB4	ABLPY	OA106G15	07/15/1023:46	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.27	LACTATE	0LOff	5	0.9998	-0.002845	0.2895	0.0000
2	4.52	ACETATE	0LOff	5	0.9998	0.003842	0.3156	0.0000
3	5.10	PROPIONA'	0LOff	5	0.9997	0.001196	0.1928	0.0000
4	6.14	BUTYRATE	0LOff	5	0.9998	0.001785	0.1314	0.0000
5	7.15	PYRUVATE	0LOff	5	0.9996	-0.001555	0.1842	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AS
07/16/10

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/15/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.113/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DF
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

AS
9/15/10

IC RESULT FORM CalVersion: 300M.015/HG15

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HG15001	S-0	ABLPY	ND	ND	ND	ND	ND	07/15/1017:49	1
HG15002	IB	ABLPY	ND	ND	ND	ND	ND	07/15/1017:28	1
HG15003	S-1	ABLPY	.098	.089	.108	.096	.102	07/15/1018:31	1
HG15004	S-2	ABLPY	.529	.508	.501	.53	.492	07/15/1018:52	1
HG15005	S-3	ABLPY	.983	1.03	.981	.975	1.013	07/15/1019:13	1
HG15006	S-4	ABLPY	2.006	1.993	1.981	2.003	1.963	07/15/1019:34	1
HG15007	S-5	ABLPY	2.997	2.994	3.018	3.001	3.021	07/15/1019:55	1
HG15008	ICV	ABLPY	99.2%	97.1%	102%	98.3%	105%	07/15/1020:16	1
HG15009	ICB	ABLPY	ND	ND	ND	ND	ND	07/15/1020:37	1
HG15010	CCV2	ABLPY	102%	100%	108%	101%	101%	07/15/1020:58	1
HG15011	CCB2	ABLPY	ND	ND	ND	ND	ND	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	ND	ND	ND	ND	ND	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	2	1.91	1.98	2	2	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	2	1.91	1.98	2	1.99	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	2.01	1.92	1.99	2.01	2	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	2.02	1.92	2	2.02	2	07/15/1023:04	1
HG15017	CCV4	ABLPY	102%	99.9%	108%	100%	99.4%	07/15/1023:25	1
HG15018	CCB4	ABLPY	ND	ND	ND	ND	ND	07/15/1023:46	1

Ag
07/16/10

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.G15/HG15 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI10001	CCV48	ABLPY	97.8%	92.7%	97.6%	97.3%	101%	09/10/1015:46	1
HI10002	CCB48	ABLPY	ND	ND	ND	ND	ND	09/10/1016:07	1
HI10003	HCI008WB	ABLPY	ND	ND	ND	ND	ND	09/10/1016:28	1
HI10004	HCI008WL	ABLPY	1.96	1.87	1.96	1.97	2.05	09/10/1016:49	1
HI10005	HCI008WC	ABLPY	1.91	1.82	1.87	1.93	1.97	09/10/1017:10	1
HI10006	H344-07	ABLPY	169	ND	ND	ND	ND	09/10/1017:42	100
HI10007	CCV50	ABLPY	97.9%	92.8%	97.7%	97.2%	101%	09/10/1019:25	1
HI10008	CCB50	ABLPY	ND	ND	ND	ND	ND	09/10/1019:46	1
HI10009	H661-08	**L*Y	144E	46.4E	ND	67.6E	1.45	09/10/1020:07	10
HI10010	H661-08	ABLPY	196	42.7	ND	68.5	ND	09/10/1021:13	100
HI10011	H661-08	ABLPY	194	41.3	ND	64.8	ND	09/10/1022:19	200
HI10012	I008-05	**L*Y	35.3E	3.3E	ND	49.9E	.127	09/10/1023:25	1
HI10013	I019-01	*BLPY	16.1E	1.18	ND	ND	ND	09/11/1000:30	1
HI10014	I019-02	ABLPY	ND	ND	ND	ND	ND	09/11/1001:36	1
HI10015	I019-03	ABLPY	ND	ND	ND	ND	ND	09/11/1002:42	1
HI10016	I019-04	ABLPY	ND	ND	ND	ND	ND	09/11/1003:48	1
HI10017	I043-01	ABLPY	ND	ND	ND	ND	ND	09/11/1004:54	1
HI10018	I043-02	ABLPY	1.19	ND	ND	ND	ND	09/11/1006:00	1
HI10019	CCV52	ABLPY	98.5%	93.4%	101%	97.5%	104%	09/11/1007:27	1
HI10020	CCB52	ABLPY	ND	ND	ND	ND	ND	09/11/1007:48	1
HI10021	I043-03	ABLPY	ND	ND	ND	ND	ND	09/11/1008:30	1
HI10022	I043-04	ABLPY	ND	ND	ND	ND	ND	09/11/1009:36	1
HI10023	I043-05	ABLPY	ND	ND	ND	ND	ND	09/11/1010:42	1
HI10024	I018-01	ABLPY	ND	ND	ND	ND	ND	09/11/1011:47	1
HI10025	CCV53	ABLPY	94.2%	90.6%	98.6%	92.6%	106%	09/11/1013:13	1
HI10026	CCB53	ABLPY	ND	ND	ND	ND	ND	09/11/1013:34	1
HI10027	I018-01M	ABLPY	.814	.815	.887	.798	.993	09/11/1013:55	1
HI10028	I018-01S	ABLPY	.829	.847	.887	.827	.996	09/11/1015:01	1
HI10029	HCI010WL	ABLPY	1.9	1.83	1.98	1.88	2.12	09/11/1016:07	1
HI10030	HCI010WC	ABLPY	1.92	1.86	2	1.9	2.13	09/11/1016:28	1
HI10031	HCI010WB	ABLPY	ND	ND	ND	ND	ND	09/11/1017:52	1
HI10032	CCV54	ABLPY	95.7%	97.6%	99.7%	95.6%	108%	09/11/1018:13	1
HI10033	CCB54	ABLPY	ND	ND	ND	ND	ND	09/11/1019:16	1
HI10034	H632-01	ABLPY	ND	ND	ND	ND	ND	09/11/1019:37	1
HI10035	H632-02	**LPY	8.47E	5.78E	ND	2.54	.114	09/11/1020:43	1
HI10036	H632-03	**L**	50.9E	46.5E	ND	32.3E	3.41E	09/11/1021:49	1
HI10037	H632-03M	**L**	50.8E	46.3E	ND	32.3E	4.26E	09/11/1022:54	1
HI10038	H632-03S	**L**	50.9E	46.4E	ND	32.3E	4.37E	09/12/1000:00	1
HI10039	H632-04	**L**	122E	62.2E	ND	46.7E	5.05E	09/12/1001:06	1
HI10040	H632-05	ABLPY	ND	ND	ND	.41	ND	09/12/1002:12	1
HI10041	H632-06	ABLPY	ND	ND	ND	ND	ND	09/12/1003:18	1
HI10042	H632-07	*BL*Y	40.6E	ND	ND	53.6E	ND	09/12/1004:24	1
HI10043	H632-08	ABLPY	ND	ND	ND	ND	ND	09/12/1005:30	1
HI10044	CCV56	ABLPY	97.2%	99.3%	101%	97%	108%	09/12/1006:57	1
HI10045	CCB56	ABLPY	ND	ND	ND	ND	ND	09/12/1007:39	1

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI20001	CCV22	ABLPY	104%	94.3%	104%	99.8%	109%	09/20/1014:56	1
HI20002	CCB22	ABLPY	ND	ND	ND	ND	ND	09/20/1015:17	1
HI20003	HCI018WB	ABLPY	ND	ND	ND	ND	ND	09/20/1015:38	1
HI20004	HCI018WL	ABLPY	2.07	1.97	2.07	2.03	2.47	09/20/1015:59	1
HI20005	HCI018WC	ABLPY	2.04	1.89	2	2	2.06	09/20/1016:20	1
HI20006	I066-01	ABLPY	83.2	4.31	ND	54.6	ND	09/20/1016:41	50
HI20007	H661-09R	ABLPY	1.06	ND	ND	ND	ND	09/20/1017:49	1
HI20008	H661-10R	ABLPY	.144	ND	.134	ND	ND	09/20/1018:55	1
HI20009	HCI018WX	ABLPY	2.11	1.99	2.04	2.08	2.06	09/20/1020:01	1
HI20010	I066-02	ABLPY	ND	ND	ND	ND	ND	09/20/1020:22	50
HI20011	I066-03	ABLPY	ND	ND	ND	ND	ND	09/20/1021:28	20
HI20012	I019-01	ABLPY	68.2	ND	ND	6.23	ND	09/20/1022:33	50
HI20013	H632-15	ABLPY	100	ND	ND	31.2	ND	09/20/1023:39	100
HI20014	CCV24	ABLPY	107%	101%	101%	106%	103%	09/21/1000:45	1
HI20015	CCB24	ABLPY	ND	ND	ND	ND	ND	09/21/1001:27	1
HI20016	I246-01	ABLPY	ND	ND	.137	ND	ND	09/21/1001:48	1
HI20017	I246-02	ABLPY	ND	ND	.17	ND	ND	09/21/1002:54	1
HI20018	I246-02D	ABLPY	ND	ND	.188	ND	ND	09/21/1004:00	1
HI20019	I246-02M	ABLPY	1.09	1.02	1.05	1.05	1.03	09/21/1005:06	1
HI20020	I246-03	ABLPY	ND	ND	.166	ND	ND	09/21/1006:12	1
HI20021	I246-04	ABLPY	ND	ND	.161	ND	ND	09/21/1007:18	1
HI20022	I246-05	ABLPY	ND	ND	.15	ND	ND	09/21/1008:23	1
HI20023	I246-06	ABLPY	ND	ND	.077	ND	ND	09/21/1009:29	1
HI20024	CCV26	ABLPY	106%	99.6%	103%	105%	103%	09/21/1011:36	1
HI20025	CCB26	ABLPY	ND	ND	ND	ND	ND	09/21/1011:57	1
HI20026	I246-07	ABLPY	ND	ND	.075	ND	ND	09/21/1012:18	1
HI20027	I252-02	ABLPY	ND	.633	.106	ND	ND	09/21/1013:24	1
HI20028	CCV28	ABLPY	108%	102%	104%	107%	105%	09/21/1014:51	1
HI20029	CCB28	ABLPY	ND	ND	ND	ND	ND	09/21/1015:12	1

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI14001	CCV2	ABLPY	102%	98.8%	103%	98.7%	107%	09/14/1009:35	1
HI14002	CCB2	ABLPY	ND	ND	ND	ND	ND	09/14/1009:56	1
HI14003	HCI012WL	ABLPY	1.94	1.95	1.94	1.91	1.99	09/14/1010:17	1
HI14004	HCI012WC	ABLPY	1.94	2	1.94	1.92	2.02	09/14/1010:38	1
HI14005	H661-08	*BLPY	188E	43.4	ND	66.2	ND	09/14/1010:59	40
HI14006	HCI012WB	ABLPY	ND	ND	ND	ND	ND	09/14/1012:05	1
HI14007	H344-08R	ABLPY	ND	ND	ND	ND	ND	09/14/1012:26	1
HI14008	CCV4	ABLPY	94.7%	92.6%	92.1%	92.2%	96.1%	09/14/1014:35	1
HI14009	CCB4	ABLPY	ND	ND	ND	ND	ND	09/14/1014:56	1
HI14010	I019-01	ABLPY	ND	ND	ND	ND	.272	09/14/1015:17	2
HI14011	I019-01	ABLPY	ND	3.68	ND	ND	ND	09/14/1016:23	20
HI14012	I008-05	*BL*Y	47.5E	ND	ND	55.7E	ND	09/14/1017:45	2
HI14013	I008-05	*BL*Y	137E	ND	ND	135E	ND	09/14/1018:51	40
HI14014	I008-05	ABLPY	143	ND	ND	138	ND	09/14/1019:57	200
HI14015	H632-14	ABLPY	ND	ND	.04	.112	ND	09/14/1021:02	1
HI14016	H632-15	ABL*Y	.017	ND	ND	53.2E	ND	09/14/1022:08	1
HI14017	H632-16	ABLPY	ND	ND	ND	ND	ND	09/14/1023:14	1
HI14018	H632-02	ABLPY	.086	ND	ND	ND	ND	09/15/1000:20	5
HI14019	CCV6	ABLPY	106%	108%	100%	107%	98%	09/15/1001:26	1
HI14020	CCB6	ABLPY	ND	ND	ND	ND	ND	09/15/1001:47	1
HI14021	H632-03	ABLPY	ND	ND	ND	ND	ND	09/15/1002:08	2
HI14022	H632-03M	ABLPY	ND	ND	ND	ND	ND	09/15/1003:14	2
HI14023	H632-03S	ABLPY	ND	ND	ND	ND	ND	09/15/1004:20	2
HI14024	H632-03	ABLPY	ND	ND	ND	ND	ND	09/15/1005:26	50
HI14025	H632-03M	ABLPY	40	9.65	ND	ND	ND	09/15/1006:32	50
HI14026	H632-03S	ABLPY	39.7	8.87	ND	ND	ND	09/15/1007:37	50
HI14027	H632-04	ABL*Y	ND	ND	ND	210E	ND	09/15/1008:43	5
HI14028	CCV8	ABLPY	105%	108%	101%	106%	96.6%	09/15/1010:59	1
HI14029	CCB8	ABLPY	ND	ND	ND	ND	ND	09/15/1011:20	1
HI14030	H632-03	ABLPY	ND	ND	ND	ND	ND	09/15/1011:41	200
HI14031	H632-03M	ABLPY	171	ND	ND	ND	ND	09/15/1012:47	200
HI14032	H632-03S	ABLPY	170	ND	ND	ND	ND	09/15/1013:53	200
HI14033	H632-04	*BLPY	781E	ND	ND	ND	ND	09/15/1014:59	100
HI14034	H632-04	*BLPY	764E	96.8	ND	ND	ND	09/15/1016:05	200
HI14035	H632-07	ABL*Y	ND	9.74	ND	207E	ND	09/15/1017:10	5
HI14036	H632-07	ABLPY	ND	ND	ND	ND	ND	09/15/1018:16	100
HI14037	H632-07	ABLPY	ND	ND	ND	ND	ND	09/15/1019:22	200
HI14038	CCV10	ABLPY	104%	108%	98.1%	106%	94.6%	09/15/1020:28	1
HI14039	CCB10	ABLPY	ND	ND	ND	ND	ND	09/15/1020:49	1
HI14040	HCI014WB	ABLPY	ND	ND	ND	ND	ND	09/15/1021:10	1
HI14041	HCI014WL	ABLPY	2.1	2.18	1.99	2.14	1.91	09/15/1021:31	1
HI14042	HCI014WC	ABLPY	2.09	2.17	1.98	2.14	1.9	09/15/1021:52	1
HI14043	H632-13	A*L*Y	ND	22.3E	ND	279E	ND	09/15/1022:13	5
HI14044	H632-13	ABL*Y	ND	21	ND	412E	ND	09/15/1023:19	10
HI14045	H632-13	ABLPY	ND	ND	ND	ND	ND	09/16/1000:25	100
HI14046	H632-13	ABLPY	17.8	ND	ND	ND	ND	09/16/1001:31	200
HI14047	H632-10R	ABLPY	ND	ND	ND	ND	ND	09/16/1002:37	1
HI14048	H632-11R	ABLPY	ND	ND	ND	ND	ND	09/16/1003:42	1
HI14049	H632-12R	ABLPY	ND	ND	.226	ND	.254	09/16/1004:48	1
HI14050	CCV12	ABLPY	104%	107%	99%	106%	95.7%	09/16/1005:54	1
HI14051	CCB12	ABLPY	ND	ND	ND	ND	ND	09/16/1006:15	1

IC RESULT FORM CalVersion: 300M.113/H113 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DF
H122001	CCV36	ABLPY	107%	100%	103%	104% ✓	105%	09/22/1010:35	1
H122002	CCB36	ABLPY	ND	ND	ND	ND	ND	09/22/1010:56	1
H122003	HC1022W8	ABLPY	ND	ND	ND	ND	ND	09/22/1011:17	1
H122004	HC1022WL	ABLPY	2.14	2.03	2.08	2.13	2.1	09/22/1011:38	1
H122005	HC1022WC	ABLPY	2.14	2.02	2.08	2.12	2.1	09/22/1011:59	1
H122006	1019-01	*BLPY	50E	ND	ND	7.53	ND	09/22/1012:20	5
H122007	CCV38	ABLPY	106%	101%	103%	103%	105%	09/22/1014:26	1
H122008	CCB38	ABLPY	ND	ND	ND	ND ✓	ND	09/22/1014:47	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Nodf: SW9A - 03 013

HC100BW : H444 , H661 , I008 , I019 , I043 & I018

HC1010W : H632

* Sequence run got interrupted due to no eluent. @ H110.044 (5) (0.0 ml/min) (0.2 ml/min)
H110.046 – H110.054 (0.0 ml/min) : Re-run all samples.

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H110
Method File:	0A106G15.met
Analytical Batch:	HC100BW HC1010W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW 12A - 03 - 201	
ICV		200
CCV		213
LCS		214
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: A.Q

Date: 09/10/10 – 09/11/10

Sequence: HI1C
Operator: cmadmin

Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS-1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI10		IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000
2	HI10		S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000
3	HI10		S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000
4	HI10		S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000
5	HI10		S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000
6	HI10		S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000
7	HI10		S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000
8	HI10		ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000
9	HI10		ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000
10	HI10	001	CCV48	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 3:46:14 PM	1.0000
11	HI10	002	CCB48	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 4:07:12 PM	1.0000
12	HI10	003	HCI008WB	Unknown	93	25.0	ORG	OA106G15	Finished	9/10/2010 4:28:11 PM	1.0000
13	HI10	004	HCI008WL	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 4:49:10 PM	1.0000
14	HI10	005	HCI008WC	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 5:10:09 PM	1.0000
15	HI10	006	H344-07	Unknown	61	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 5:42:16 PM	100.0000
16	HI10	007	CCV50	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 7:25:26 PM	1.0000
17	HI10	008	CCB50	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 7:46:25 PM	1.0000
18	HI10	009	H661-08	Unknown	62	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 8:07:24 PM	10.0000
19	HI10	010	H661-08	Unknown	63	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 9:13:17 PM	100.0000
20	HI10	011	H661-08	Unknown	64	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 10:19:11 PM	200.0000
21	HI10	012	I008-05	Unknown	1	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 11:25:04 PM	1.0000
22	HI10	013	I019-01	Unknown	2	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 12:30:58 AM	1.0000
23	HI10	014	I019-02	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:36:51 AM	1.0000
24	HI10	015	I019-03	Unknown	4	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 2:42:45 AM	1.0000
25	HI10	016	I019-04	Unknown	5	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:48:38 AM	1.0000
26	HI10	017	I043-01	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 4:54:32 AM	1.0000
27	HI10	018	I043-02	Unknown	7	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 6:00:25 AM	1.0000

FINAL

Sequence: HI1C
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 53

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
1	HI10	
2	HI10	
3	HI10	
4	HI10	
5	HI10	
6	HI10	
7	HI10	
8	HI10	
9	HI10	
10	HI10	
11	HI10	
12	HI10	
13	HI10	
14	HI10	
15	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI1C	
17	HI1C	
18	HI1C	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI1C	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS2
20	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI10	
22	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence HI10
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C29_local
Location: Organic Acid\2010
Timebase ICS-1000
#Samples: 53

Created 9/10/2010 5:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI10	019	CCV52	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 7:27:18 AM	1.0000
29	HI10	020	CCB52	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 7:48:17 AM	1.0000
30	HI10	021	I043-03	Unknown	8	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:30:14 AM	1.0000
31	HI10	022	I043-04	Unknown	9	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:36:08 AM	1.0000
32	HI10	023	I043-05	Unknown	10	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:42:01 AM	1.0000
33	HI10	024	I018-01	Unknown	11	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 11:47:55 AM	1.0000
34	HI10	025	CCV53	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 1:13:44 PM	1.0000
35	HI10	026	CCB53	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 1:34:43 PM	1.0000
36	HI10	027	I018-01M	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:55:41 PM	1.0000
37	HI10	028	I018-01S	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:01:35 PM	1.0000
38	HI10	029	HCI010WL	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:07:29 PM	1.0000
39	HI10	030	HCIC10WC	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:28:27 PM	1.0000
40	HI10	031	HCI010WB	Unknown	96	25.0	ORG	OA106G15	Finished	9/11/2010 5:52:22 PM	1.0000
41	HI10	032	CCV54	Unknown	97	25.0	ORG	OA106G15	Finished	9/11/2010 6:13:21 PM	1.0000
42	HI10	033	CCB54	Unknown	98	25.0	ORG	OA106G15	Finished	9/11/2010 7:16:18 PM	1.0000
43	HI10	034	H632-01	Unknown	13	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 7:37:17 PM	1.0000
44	HI10	035	H632-02	Unknown	14	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:43:10 PM	1.0000
45	HI10	036	H632-03	Unknown	15	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:49:04 PM	1.0000
46	HI10	037	H632-03M	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:54:57 PM	1.0000
47	HI10	038	H632-03S	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 12:00:51 AM	1.0000
48	HI10	039	H632-04	Unknown	17	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 1:06:45 AM	1.0000
49	HI10	040	H632-05	Unknown	18	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 2:12:38 AM	1.0000
50	HI10	041	H632-06	Unknown	19	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 3:18:32 AM	1.0000
51	HI10	042	H632-07	Unknown	20	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 4:24:25 AM	1.0000
52	HI10	043	H632-08	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 5:30:19 AM	1.0000
53	HI10	044	CCV56	Unknown	97	25.0	ORG	OA106G15	Finished	9/12/2010 6:57:11 AM	1.0000
54	HI10	045	CCB56	Unknown	98	25.0	ORG	OA106G15	Finished	9/12/2010 7:39:09 AM	1.0000

FINAL

Sequence: HI10
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
28	HI10	
29	HI10	
30	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
36	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI10	
39	HI10	
40	HI10	
41	HI10	
42	HI10	
43	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
44	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
45	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
46	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
47	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
48	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
49	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
50	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI10	
54	HI10	

FINAL

Sequence: H110
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI10	046	H632-10	Unknown	22	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 8:00:08 AM	1.0000
56	HI10	047	H632-11	Unknown	23	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 9:06:01 AM	1.0000
57	HI10	048	H632-12	Unknown	24	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 10:11:56 AM	1.0000
58	HI10	049	H632-13	Unknown	25	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 11:17:50 AM	1.0000
59	HI10	050	H632-14	Unknown	26	25.0	ORG-SAMPLE	OA106G15	Interrupted	9/12/2010 12:17:51 PM	1.0000
60	HI10	051	H632-15	Unknown	27	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
61	HI10	052	H632-16	Unknown	28	25.0	ORG-SAMPLE	OA106G15	Single	[illegible]	1.0000
62	HI10	053	CCV58	Unknown	97	25.0	ORG	OA106G15	Single		1.0000
63	HI10	054	CCB58	Unknown	98	25.0	ORG	OA106G15	Single		1.0000

FINAL

Sequence: HI10
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3G91_local
Location: Organic Acid\2010
Timebase: CS100C
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
55	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
57	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
59	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
60	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
61	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
62	HI10	
63	HI10	

FINAL

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.04 SW9A-03 -213 0.288g -22 L

HC2018W: I066, I246, I252, H632

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H120
Method File:	041061.13
Analytical Batch:	HC2018W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-217
LCS	-218
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 4/20/10

Sequence HI20
Operator cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 38

Created 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI20		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI20		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI20		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI20		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI20		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI20		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI20		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI20		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI20		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI20	001	CCV22	Unknown	99	25.0	ORG	OA106I13	Finished	9/20/2010 2:56:17 PM	1.0000
11	HI20	002	CCB22	Unknown	98	25.0	ORG	OA106I13	Finished	9/20/2010 3:17:16 PM	1.0000
12	HI20	003	HCI018WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/20/2010 3:38:14 PM	1.0000
13	HI20	004	HCI018WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 3:59:13 PM	1.0000
14	HI20	005	HCI018WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 4:20:12 PM	1.0000
15	HI20	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 4:41:10 PM	50.0000
16	HI20	007	H661-09R	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 5:49:20 PM	1.0000
17	HI20	008	H661-10R	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 6:55:14 PM	1.0000
18	HI20	009	HCI018WX	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 6:01:08 PM	1.0000
19	HI20	010	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 8:22:06 PM	50.0000
20	HI20	011	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 9:28:00 PM	20.0000
21	HI20	012	I019-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 10:33:53 PM	50.0000
22	HI20	013	H632-15	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 11:39:47 PM	100.0000
23	HI20	014	CCV24	Unknown	99	25.0	ORG	OA106I13	Finished	9/21/2010 12:45:41 AM	1.0000
24	HI20	015	CCB24	Unknown	98	25.0	ORG	OA106I13	Finished	9/21/2010 1:27:39 AM	1.0000
25	HI20	016	I246-01	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:48:37 AM	1.0000
26	HI20	017	I246-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 2:54:31 AM	1.0000
27	HI20	018	I246-02D	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 4:00:24 AM	1.0000

FINAL

Sequence: HI20
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
1	HI20	
2	HI20	
3	HI20	
4	HI20	
5	HI20	
6	HI20	
7	HI20	
8	HI20	
9	HI20	
10	HI20	
11	HI20	
12	HI20	
13	HI20	
14	HI20	
15	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI20	
19	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
22	HI20	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
23	HI20	
24	HI20	
25	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI20
Operator: cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI20	019	I246-02M	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 5:06:18 AM	1.0000
29	HI20	020	I246-03	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 6:12:11 AM	1.0000
30	HI20	021	I246-04	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 7:18:04 AM	1.0000
31	HI20	022	I246-05	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 8:23:58 AM	1.0000
32	HI20	023	I246-06	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 9:29:51 AM	1.0000
33	HI20	024	CCV26	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 11:36:39 AM	1.0000
34	HI20	025	CCB26	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 11:57:38 AM	1.0000
35	HI20	026	I246-07	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 12:18:37 PM	1.0000
36	HI20	027	I252-02	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:24:31 PM	1.0000
37	HI20	028	CCV28	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 2:51:23 PM	1.0000
38	HI20	029	CCB28	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 3:12:22 PM	1.0000

FINAL

Sequence: HI20
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location: Organic Acid2010
Timebase ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
28	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI20	
34	HI20	
35	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI20	SAMPLE WAS PREPPED AT DF=1 PRIOR TO ANALYSIS
37	HI20	
38	HI20	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

W014: SW9A-03-013

HC3012W / HC3014W: H661, H344, 3019, 3008, H632

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H314

Method File: 04106313

Analytical Batch: HC3012W HC3014W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX 218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-213
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: CR

Date: 9/14/10

Sequence HI14
Operator cmadmin

Printed: 9/17/2010 3:37:43 PM

Title Temporary sequence for manual data acquisition
Datasource D3933Q91_local
Location Organic Acid\2010
Timebase. ICS1000
#Samples 60

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI14		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI14		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI14		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI14		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI14		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI14		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI14		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI14		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI14		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI14	001	CCV2	Unknown	41	25.0	ORG	OA106I13	Finished	9/14/2010 9:35:39 AM	1.0000
11	HI14	002	CCB2	Unknown	42	25.0	ORG	OA106I13	Finished	9/14/2010 9:56:38 AM	1.0000
12	HI14	003	HCI012WL	Unknown	43	25.0	ORG	OA106I13	Finished	9/14/2010 10:17:37 AM	1.0000
13	HI14	004	HCI012WC	Unknown	43	25.0	ORG	OA106I13	Finished	9/14/2010 10:38:36 AM	1.0000
14	HI14	005	H661-08	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 10:59:35 AM	40.0000
15	HI14	006	HCI012WB	Unknown	44	25.0	ORG	OA106I13	Finished	9/14/2010 12:05:29 PM	1.0000
16	HI14	007	H344-08R	Unknown	30	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 12:26:27 PM	1.0000
17	HI14	008	CCV4	Unknown	41	25.0	ORG	OA106I13	Finished	9/14/2010 2:35:45 PM	1.0000
18	HI14	009	CCB4	Unknown	42	25.0	ORG	OA106I13	Finished	9/14/2010 2:56:44 PM	1.0000
19	HI14	010	I019-01	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 3:17:42 PM	2.0000
20	HI14	011	I019-01	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 4:23:36 PM	20.0000
21	HI14	012	I008-05	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 5:45:13 PM	2.0000
22	HI14	013	I008-05	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 6:51:06 PM	40.0000
23	HI14	014	I008-05	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 7:57:00 PM	200.0000
24	HI14	015	H632-14	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 9:02:53 PM	1.0000
25	HI14	016	H632-15	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 10:08:46 PM	1.0000
26	HI14	017	H632-16	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/14/2010 11:14:41 PM	1.0000
27	HI14	018	H632-02	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 12:20:34 AM	5.0000

FINAL

Sequence HI14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location Organic Acid\2010
Timebase ICS1000
#Samples 60

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Comment
1	HI14	
2	HI14	
3	HI14	
4	HI14	
5	HI14	
6	HI14	
7	HI14	
8	HI14	
9	HI14	
10	HI14	
11	HI14	
12	HI14	
13	HI14	
14	HI14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
15	HI14	
16	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
17	HI14	
18	HI14	
19	HI14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI14	
22	HI14	
23	HI14	
24	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

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Sequence: HI14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid/2010
Timebase: ICS1000
#Samples: 50

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI14	C19	CCV6	Unknown	41	25.0	ORG	OA106I13	Finished	9/15/2010 1:26:28 AM	1.0000
29	HI14	C20	CCB6	Unknown	42	25.0	ORG	OA106I13	Finished	9/15/2010 1:47:27 AM	1.0000
30	HI14	021	H632-03	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 2:08:26 AM	2.0000
31	HI14	022	H632-03M	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 3:14:19 AM	2.0000
32	HI14	023	H632-03S	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 4:20:13 AM	2.0000
33	HI14	024	H632-03	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 5:26:07 AM	50.0000
34	HI14	025	H632-03M	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 6:32:01 AM	50.0000
35	HI14	026	H632-03S	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 7:37:54 AM	50.0000
36	HI14	027	H632-04	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 8:43:48 AM	5.0000
37	HI14	028	CCV6	Unknown	41	25.0	ORG	OA106I13	Finished	9/15/2010 10:59:29 AM	1.0000
38	HI14	C29	CCB6	Unknown	42	25.0	ORG	OA106I13	Finished	9/15/2010 11:20:28 AM	1.0000
39	HI14	030	H632-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 11:41:27 AM	200.0000
40	HI14	031	H632-03M	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 12:47:20 PM	200.0000
41	HI14	032	H632-03S	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 1:53:14 PM	200.0000
42	HI14	033	H632-04	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 2:59:07 PM	100.0000
43	HI14	034	H632-04	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 4:05:01 PM	200.0000
44	HI14	035	H632-07	Unknown	20	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 5:10:54 PM	5.0000
45	HI14	036	H632-07	Unknown	21	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 6:16:47 PM	100.0000
46	HI14	037	H632-07	Unknown	22	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 7:22:41 PM	200.0000
47	HI14	C38	CCV10	Unknown	41	25.0	ORG	OA106I13	Finished	9/15/2010 8:28:35 PM	1.0000
48	HI14	039	CCB10	Unknown	42	25.0	ORG	OA106I13	Finished	9/15/2010 8:49:33 PM	1.0000
49	HI14	040	HCI014WB	Unknown	45	25.0	ORG	OA106I13	Finished	9/15/2010 9:10:32 PM	1.0000
50	HI14	041	HCI014WL	Unknown	46	25.0	ORG	OA106I13	Finished	9/15/2010 9:31:31 PM	1.0000
51	HI14	042	HCI014WC	Unknown	46	25.0	ORG	OA106I13	Finished	9/15/2010 9:52:30 PM	1.0000
52	HI14	043	H632-13	Unknown	23	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 10:13:28 PM	5.0000
53	HI14	044	H632-13	Unknown	24	25.0	ORG-SAMPLE	OA106I13	Finished	9/15/2010 11:19:22 PM	10.0000
54	HI14	045	H632-13	Unknown	25	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 12:25:16 AM	100.0000

Sequence: HI14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 60

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Comment
28	HI14	
29	HI14	
30	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
31	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
32	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
33	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
34	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
36	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
37	HI14	
38	HI14	
39	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
40	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
41	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
42	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
43	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
44	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
45	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
46	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
47	HI14	
48	HI14	
49	HI14	
50	HI14	
51	HI14	
52	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
54	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Sequence: HI14
Operator: cmadmin

Printed: 9/17/2010 3:37:44 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 60

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI14	046	H632-13	Unknown	26	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 1:31:09 AM	200.0000
56	HI14	047	H632-10R	Unknown	27	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 2:37:03 AM	1.0000
57	HI14	048	H632-11R	Unknown	28	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 3:42:57 AM	1.0000
58	HI14	049	H632-12R	Unknown	29	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 4:48:51 AM	1.0000
59	HI14	050	CCV12	Unknown	41	25.0	ORG	OA106I13	Finished	9/16/2010 5:54:45 AM	1.0000
60	HI14	051	CCB12	Unknown	42	25.0	ORG	OA106I13	Finished	9/16/2010 6:15:44 AM	1.0000

Sequence HI14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3SB3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 60

Created: 9/14/2010 5:15:39 PM by cmadmin
Last Update: 9/17/2010 3:36:52 PM by cmadmin

No.	Sequence	Comment
55	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
57	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI14	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
59	HI14	
60	HI14	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW9A-03-013

HC10220 / HC10240 : I09, 4632, I285, I284, I304

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	HI22
Method File:	OA106 I13
Analytical Batch:	HC10220 HC10240

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-217
LCS	-218
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 9/22/10

Sequence: HI22
Operator: cmadmin

Printed: 9/24/2010 3:37:29 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3S83Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update: 9/24/2010 3:25:41 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI22		I8	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI22		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI22		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI22		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI22		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI22		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI22		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI22		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI22		IC8	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI22	001	CCV36	Unknown	99	25.0	ORG	OA106I13	Finished	9/22/2010 10:35:51 AM	1.0000
11	HI22	002	CCB36	Unknown	98	25.0	ORG	OA106I13	Finished	9/22/2010 10:56:50 AM	1.0000
12	HI22	003	HCI022WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/22/2010 11:17:49 AM	1.0000
13	HI22	004	HCI022WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/22/2010 11:38:48 AM	1.0000
14	HI22	005	HCI022WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/22/2010 11:59:46 AM	1.0000
15	HI22	006	I019-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 12:20:45 PM	5.0000
16	HI22	007	CCV36	Unknown	99	25.0	ORG	OA106I13	Finished	9/22/2010 2:26:28 PM	1.0000
17	HI22	008	CCB36	Unknown	98	25.0	ORG	OA106I13	Finished	9/22/2010 2:47:27 PM	1.0000
18	HI22	009	H632-15	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 4:43:18 PM	20.0000
19	HI22	010	H632-02	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 5:49:12 PM	5.0000
20	HI22	011	H632-03	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 6:55:05 PM	5.0000
21	HI22	012	H632-03M	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 8:00:59 PM	5.0000
22	HI22	013	H632-03S	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 9:06:53 PM	5.0000
23	HI22	014	H632-03	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 10:12:46 PM	25.0000
24	HI22	015	H632-03M	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/22/2010 11:18:40 PM	25.0000
25	HI22	016	H632-03S	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 12:24:33 AM	25.0000
26	HI22	017	H632-04	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 1:30:27 AM	500.0000
27	HI22	018	H632-07	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 2:36:21 AM	25.0000

Sequence: HI22
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update: 9/24/2010 3:25:41 PM by cmadmin

No.	Sequence	Comment
1	HI22	
2	HI22	
3	HI22	
4	HI22	
5	HI22	
6	HI22	
7	HI22	
8	HI22	
9	HI22	
10	HI22	
11	HI22	
12	HI22	
13	HI22	
14	HI22	
15	HI22	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI22	
17	HI22	
18	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
19	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
20	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
21	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
22	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
23	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
24	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

Sequence Hi22
Operator cmadmin

Title Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location Organic Acid\2010
Timebase ICS1000
#Samples 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update 9/24/2010 3:25:41 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI22	019	CCV40	Unknown	99	25.0	ORG	OA106I13	Finished	9/23/2010 3:42:15 AM	1.0000
29	HI22	020	CCB40	Unknown	98	25.0	ORG	OA106I13	Finished	9/23/2010 4:03:13 AM	1.0000
30	HI22	021	H632-05	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 4:24:12 AM	1.0000
31	HI22	022	I285-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 5:30:07 AM	1.0000
32	HI22	023	I285-02M	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 6:36:00 AM	1.0000
33	HI22	024	I285-02S	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 7:41:54 AM	1.0000
34	HI22	025	I285-03	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 8:47:48 AM	1.0000
35	HI22	026	CCV42	Unknown	99	25.0	ORG	OA106I13	Finished	9/23/2010 12:14:05 PM	1.0000
36	HI22	027	CCB42	Unknown	98	25.0	ORG	OA106I13	Finished	9/23/2010 12:35:05 PM	1.0000
37	HI22	028	I285-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 12:56:03 PM	1.0000
38	HI22	029	I285-06	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 2:01:57 PM	1.0000
39	HI22	030	I285-07	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 3:07:50 PM	1.0000
40	HI22	031	I285-08	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 4:13:43 PM	1.0000
41	HI22	032	I285-09	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 5:19:37 PM	1.0000
42	HI22	033	CCV44	Unknown	99	25.0	ORG	OA106I13	Finished	9/23/2010 6:25:30 PM	1.0000
43	HI22	034	CCB44	Unknown	98	25.0	ORG	OA106I13	Finished	9/23/2010 6:45:29 PM	1.0000
44	HI22	035	HCI024WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/23/2010 7:07:28 PM	1.0000
45	HI22	036	HCI024WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/23/2010 7:28:27 PM	1.0000
46	HI22	037	HCI024WC	Unknown	95	25.0	ORG	OA106I13	Finished	9/23/2010 7:49:25 PM	1.0000
47	HI22	038	H632-15	Unknown	37	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 8:10:24 PM	2.5000
48	HI22	039	I284-03	Unknown	31	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 9:16:17 PM	1.0000
49	HI22	040	I284-04	Unknown	32	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 10:22:11 PM	1.0000
50	HI22	041	I284-05	Unknown	33	25.0	ORG-SAMPLE	OA106I13	Finished	9/23/2010 11:28:04 PM	1.0000
51	HI22	042	I284-07	Unknown	34	25.0	ORG-SAMPLE	OA106I13	Finished	9/24/2010 12:33:58 AM	1.0000
52	HI22	043	H632-02	Unknown	39	25.0	ORG-SAMPLE	OA106I13	Finished	9/24/2010 4:57:32 AM	2.0000
53	HI22	044	H632-02	Unknown	40	25.0	ORG-SAMPLE	OA106I13	Finished	9/24/2010 6:03:25 AM	5.0000
54	HI22	045	CCV46	Unknown	99	25.0	ORG	OA106I13	Finished	9/24/2010 7:09:18 AM	1.0000

Sequence: HI22
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update: 9/24/2010 3:25:41 PM by cmadmin

No.	Sequence	Comment
28	HI22	
29	HI22	
30	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
31	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
32	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
33	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
34	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI22	
36	HI22	
37	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
38	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
39	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
40	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
41	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
42	HI22	
43	HI22	
44	HI22	
45	HI22	
46	HI22	
47	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
48	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
49	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
50	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
54	HI22	

Sequence: HI22
Operator: cmadmin
Printed: 9/24/2010 3:37:29 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: CS1000
#Samples: 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update: 9/24/2010 3:25:41 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	D.F. Factor
55	HI22	046	CCB46	Unknown	98	25.0	ORG	OA106I13	Finished	9/24/2010 7:30:17 AM	1.0000
56	HI22	047	H632-02	Unknown	41	25.0	ORG-SAMPLE	OA106I13	Finished	9/24/2010 2:22:31 PM	10.0000
[redacted]	HI22	047	R	Blank	42	25.0	ORG	OA106I13	Running	9/24/2010 3:25:49 PM	10.0000
58	HI22	048	CCV48	Unknown	99	25.0	ORG	OA106I13	Single		1.0000
59	HI22	049	CCB48	Unknown	98	25.0	ORG	OA106I13	Single		1.0000

Sequence: HI22
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 59

Created: 9/22/2010 10:26:24 AM by cmadmin
Last Update: 9/24/2010 3:25:41 PM by cmadmin

No.	Sequence	Comment
55	HI22	
56	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
[redacted]	HI22	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI22	
59	HI22	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Mod: SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H113

Method File: 04106H3

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: al

Date: 5/13/10

Sequence HI13
Operator cmadmin

Printed: 9/15/2010 2:41:34 PM

Title Temporary sequence for manual data acquisition
Datasource D39B3091_local
Location Organic Acid\2010
Timebase ICS1000
#Samples 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos	Inj Vol	Program	Method	Status	Inj Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.O.H SOW4A-03-013

ICAL S-0 0 ppm ICV: 2.0 ppm
S-1 0.1 ppm
S-2 0.5 ppm
S-3 1.0 ppm
S-4 2.0 ppm
S-5 3.0 ppm

Anly's 4 LCS

Book #: A106-007

Instrument No.: 106

Analytical Sequence: H615

Method File: OA106615

Analytical Batch: H6007W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW124-02 = 2.01
ICV	SW124-02 = 2.00
CCV	SW124-02 = 1.98
LCS	SW124-02 = 1.99
MS	—

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 7/15/10

Sequence: HG15
Operator: cmadmin

Printed 7/16/2010 9:58:58 AM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 18

Created: 7/15/2010 4:12:03 PM by cmadmin
Last Update: 7/16/2010 9:55:52 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj Vol	Program	Method	Status	Inj. Date/Time	Dil Factor	Comment
1	HG15	002	IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000	
2	HG15	001	S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000	
3	HG15	003	S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000	
4	HG15	004	S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000	
5	HG15	005	S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000	
6	HG15	006	S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000	
7	HG15	007	S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000	
8	HG15	008	ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000	
9	HG15	009	ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000	
10	HG15	010	CCV2	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 8:58:22 PM	1.0000	
11	HG15	011	CCB2	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 9:19:20 PM	1.0000	
12	HG15	012	HCG002WB	Unknown	33	25.0	ORG	OA106G15	Finished	7/15/2010 9:40:19 PM	1.0000	
13	HG15	013	HCG002WL	Unknown	34	25.0	ORG	OA106G15	Finished	7/15/2010 10:01:18 PM	1.0000	
14	HG15	014	HCG002WC	Unknown	35	25.0	ORG	OA106G15	Finished	7/15/2010 10:22:16 PM	1.0000	
15	HG15	015	HCG004WL	Unknown	36	25.0	ORG	OA106G15	Finished	7/15/2010 10:43:15 PM	1.0000	
16	HG15	016	HCG004WC	Unknown	37	25.0	ORG	OA106G15	Finished	7/15/2010 11:04:14 PM	1.0000	
17	HG15	017	CCV4	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 11:25:13 PM	1.0000	
18	HG15	018	CCB4	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 11:46:11 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 2320B
TOTAL ALKALINITY

A total of four (4) water samples were received on 09/01/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ALI003WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, JR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1003WB	ND	1	NA	5.00	1.00	09/03/1022:23	NA	10E5I01034	NA	AL1003W	NA	NA
LCS1W	AL1003WL	582	1	NA	5.00	1.00	09/03/1022:34	NA	10E5I01035	NA	AL1003W	NA	NA
LCD1W	ALE03WC	582	1	NA	5.00	1.00	09/03/1322:45	NA	10E5I01036	NA	AL1003W	NA	NA
IW-70-FSB216-A10	IC19-01	1180	1	NA	5.00	1.00	09/04/1001:36	NA	10E5I01055	NA	AL1003W	09/01/1011:05	09/01/10
MW-70-PMW08A-A10	ID19-02	264	1	NA	5.00	1.00	09/04/1001:44	NA	10E5I01056	NA	AL1003W	09/01/1011:58	09/01/10
MW-70-PMWC8B-A10	IC19-03	473	1	NA	5.00	1.00	09/04/1001:54	NA	10E5I01057	NA	AL1C03W	09/01/1012:45	09/01/10
MW-70-PMWD8B-A10-D	ID19-04	474	1	NA	5.00	1.00	09/04/1002:02	NA	1CE5I01058	NA	AL1003W	09/01/1012:50	09/01/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 2320B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	AL1003WB	AL1003WL	AL1003WC		
LAB FILE ID:	10E5101034	10E5101035	10E5101036		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/03/1022:23	09/03/1022:34	09/03/1022:45	DATE RECEIVED:	NA
PREP. BATCH:	AL1003W	AL1003W	AL1003W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	582	101	576	582	101	0	80-120	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I01

Analytical Sequence: ALI002; ALI003

Comments:

MS/MSD amount of spike: 0.4ml of SWP1-04-084 (10,000ppm) was spiked into samples for a final volume of 40ml.

Matrix recovery for sample I005-03 failed due to matrix interference. — will be re-analyzed

Method 2320B for SDG: I019

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-258	576
MS/MSD SWP1-04-084	100
ICV SWI-01-198 exp 9/3/10	32.9
0.02N HCL SWR1-01-254	0.02N

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-263
pH 10	SWI-01-231
pH Check	SWI-01-262

Analyzed By: [illegible]

Date: [illegible]

Report Date: 09/04/2010 : 2:28 AM

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 471 **Analytical Batch#** 10E5I01

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I01	09/03/2010	5:45 PM	7.99	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	ICV	10E5I01	09/03/2010	5:53 PM	8.36	.06	.83	-1.00	2.32	33.39	28.75	4.64	.00	
3	ICB	10E5I01	09/03/2010	5:58 PM	5.77	.00	.03	.05	.00	.36	.36	.00	.00	
4	ALI002WB	10E5I01	09/03/2010	6:04 PM	5.39	.00	.02	.05	.00	.12	.12	.00	.00	
5	ALI002WL	10E5I01	09/03/2010	6:14 PM	8.95	8.52	14.81	-1.00	340.92	592.44	.00	503.03	89.41	
6	ALI002WC	10E5I01	09/03/2010	6:25 PM	8.97	8.63	14.70	-1.00	345.12	587.94	.00	485.65	102.29	
7	H338-01	10E5I01	09/03/2010	6:33 PM	7.72	.00	8.26	-1.00	.00	330.34	330.34	.00	.00	
8	H338-01M	10E5I01	09/03/2010	6:42 PM	8.82	1.07	10.63	-1.00	42.69	425.27	339.90	85.38	.00	
9	H338-01S	10E5I01	09/03/2010	6:51 PM	8.65	1.11	10.71	-1.00	44.20	428.59	340.18	88.41	.00	
10	H338-02	10E5I01	09/03/2010	7:00 PM	7.85	.00	8.29	-1.00	.00	331.42	331.42	.00	.00	
11	H338-03	10E5I01	09/03/2010	7:09 PM	7.76	.00	8.76	-1.00	.00	350.42	350.42	.00	.00	
12	H338-04	10E5I01	09/03/2010	7:16 PM	7.73	.00	7.70	-1.00	.00	307.98	307.98	.00	.00	
13	H338-05	10E5I01	09/03/2010	7:26 PM	8.12	.00	11.83	-1.00	.00	473.31	473.31	.00	.00	
14	H338-06	10E5I01	09/03/2010	7:35 PM	8.10	.00	5.89	-1.00	.00	235.53	235.53	.00	.00	
15	H338-07	10E5I01	09/03/2010	7:43 PM	7.87	.00	7.75	-1.00	.00	309.86	309.86	.00	.00	
16	H338-08	10E5I01	09/03/2010	7:50 PM	7.83	.00	7.25	-1.00	.00	289.85	289.85	.00	.00	
17	H338-09	10E5I01	09/03/2010	8:00 PM	7.90	.00	8.89	-1.00	.00	355.74	355.74	.00	.00	
18	H307-01	10E5I01	09/03/2010	8:08 PM	7.69	.00	7.72	-1.00	.00	308.87	308.87	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/9/10

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Run Number 471 **Analytical Batch#** 10E5I01

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	H363-01	10E5I01	09/03/2010	8:17 PM	9.72	2.21	6.02	-1.00	88.48	240.85	63.90	176.95	.00	
20	H363-02	10E5I01	09/03/2010	8:25 PM	9.66	2.12	6.10	-1.00	84.78	244.01	74.45	169.56	.00	
21	H363-03	10E5I01	09/03/2010	8:34 PM	7.92	.00	8.20	-1.00	.00	328.17	328.17	.00	.00	
22	H363-04	10E5I01	09/03/2010	8:42 PM	7.81	.00	8.32	-1.00	.00	332.95	332.95	.00	.00	
23	H363-05	10E5I01	09/03/2010	8:50 PM	7.81	.00	8.34	-1.00	.00	333.59	333.59	.00	.00	
24	CCV	10E5I01	09/03/2010	9:02 PM	9.11	9.94	14.54	-1.00	397.70	581.62	.00	367.84	213.78	
25	CCB	10E5I01	09/03/2010	9:07 PM	5.97	.00	.04	.08	.00	.14	.14	.00	.00	
26	H363-06	10E5I01	09/03/2010	9:16 PM	7.69	.00	10.46	-1.00	.00	418.23	418.23	.00	.00	
27	H363-06M	10E5I01	09/03/2010	9:26 PM	8.51	.49	12.87	-1.00	19.45	514.72	475.81	38.91	.00	
28	H363-06S	10E5I01	09/03/2010	9:36 PM	8.52	.52	12.89	-1.00	20.67	515.61	474.27	41.34	.00	
29	H363-08	10E5I01	09/03/2010	9:44 PM	7.91	.00	7.85	-1.00	.00	313.91	313.91	.00	.00	
30	H363-09	10E5I01	09/03/2010	9:53 PM	7.96	.00	9.50	-1.00	.00	379.88	379.88	.00	.00	
31	H363-10	10E5I01	09/03/2010	10:04 PM	8.29	.01	11.98	-1.00	.35	479.39	478.68	.71	.00	
32	H364-02	10E5I01	09/03/2010	10:11 PM	7.85	.00	6.94	-1.00	.00	277.79	277.79	.00	.00	
33	RINSE	10E5I01	09/03/2010	10:17 PM	6.09	.00	.04	.09	.00	.04	.04	.00	.00	
34	ALI003WB	10E5I01	09/03/2010	10:23 PM	5.69	.00	.04	.07	.00	-.08	-.08	.00	.00	
35	ALI003WL	10E5I01	09/03/2010	10:34 PM	9.11	9.89	14.56	-1.00	395.62	582.37	.00	373.50	208.87	
36	ALI003WC	10E5I01	09/03/2010	10:45 PM	9.09	9.85	14.54	-1.00	394.00	581.79	.00	375.59	206.21	
37	H339-01	10E5I01	09/03/2010	10:52 PM	7.83	.00	6.38	-1.00	.00	255.04	255.04	.00	.00	
38	H386-01	10E5I01	09/03/2010	11:02 PM	8.32	.03	7.42	-1.00	1.34	296.84	294.16	2.68	.00	

Analyzed by: EC Reviewed by: EC Date: 9/7/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

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Run Number 471 **Analytical Batch#** 10E5I01

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	H386-02	10E5I01	09/03/2010	11:10 PM	8.28	.00	7.71	-1.00	.00	308.34	308.34	.00	.00	
40	H386-03	10E5I01	09/03/2010	11:18 PM	8.04	.00	6.89	-1.00	.00	275.71	275.71	.00	.00	
41	H386-04	10E5I01	09/03/2010	11:29 PM	8.29	.00	11.05	-1.00	.00	441.89	441.89	.00	.00	
42	H386-05	10E5I01	09/03/2010	11:37 PM	8.04	.00	7.84	-1.00	.00	313.65	313.65	.00	.00	
43	H386-06	10E5I01	09/03/2010	11:45 PM	7.99	.00	8.08	-1.00	.00	323.12	323.12	.00	.00	
44	H386-07	10E5I01	09/03/2010	11:54 PM	8.03	.00	7.92	-1.00	.00	316.90	316.90	.00	.00	
45	H386-08	10E5I01	09/04/2010	12:03 AM	8.09	.00	9.88	-1.00	.00	395.29	395.29	.00	.00	
46	CCV	10E5I01	09/04/2010	12:14 AM	9.11	10.03	14.64	-1.00	401.40	585.66	.00	368.53	217.13	
47	CCB	10E5I01	09/04/2010	12:20 AM	6.32	.00	.05	.09	.00	.44	.44	.00	.00	
48	I005-02	10E5I01	09/04/2010	12:28 AM	7.92	.00	6.86	-1.00	.00	274.40	274.40	.00	.00	
49	I005-03	10E5I01	09/04/2010	12:36 AM	8.02	.00	7.40	-1.00	.00	296.14	296.14	.00	.00	
50	I005-03D	10E5I01	09/04/2010	12:45 AM	8.01	.00	7.43	-1.00	.00	297.32	297.32	.00	.00	
51	I005-03M	10E5I01	09/04/2010	12:54 AM	8.39	.11	8.14	-1.00	4.59	325.43	316.25	9.18	.00	
52	I005-03S	10E5I01	09/04/2010	1:02 AM	8.35	.07	7.89	-1.00	2.76	319.75	314.23	5.52	.00	
53	I005-05	10E5I01	09/04/2010	1:11 AM	7.99	.00	7.53	-1.00	.00	301.17	301.17	.00	.00	
54	I006-01	10E5I01	09/04/2010	1:19 AM	8.02	.00	7.80	-1.00	.00	312.12	312.12	.00	.00	
55	I019-01	10E5I01	09/04/2010	1:36 AM	6.77	.00	29.55	-1.00	.00	1,182.17	1,182.17	.00	.00	
56	I019-02	10E5I01	09/04/2010	1:44 AM	7.40	.00	6.59	-1.00	.00	263.74	263.74	.00	.00	
57	I019-03	10E5I01	09/04/2010	1:54 AM	7.84	.00	11.83	-1.00	.00	473.03	473.03	.00	.00	
58	I019-04	10E5I01	09/04/2010	2:02 AM	7.62	.00	11.85	-1.00	.00	473.94	473.94	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/7/10

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Run Number 471 **Analytical Batch#** **10E5I01**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	CCV	10E5I01	09/04/2010	2:13 AM	9.25	10.89	14.53	-1.00	435.41	585.34	.00	299.87	285.47	
60	CCB	10E5I01	09/04/2010	2:20 AM	6.16	.00	.06	.14	.00	-.32	-.32	.00	.00	
61	RINSE	10E5I01	09/04/2010	2:26 AM	5.80	.00	.05	.12	.00	-.53	-.53	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/9/10

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PC-Titrate For Windows

Running List Report

Order Number - 10E5I01

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	ICV	5	.00	25.00
4	PH-ALK	ICB	6	.00	25.00
5	PH-ALK	ALI002WB	7	.00	25.00
6	PH-ALK	ALI002WL	8	.00	25.00
7	PH-ALK	ALI002WC	9	.00	25.00
8	PH-ALK	H338-01	10	.00	25.00
9	PH-ALK	H338-01M	11	.00	25.00
10	PH-ALK	H338-01S	12	.00	25.00
11	PH-ALK	H338-02	13	.00	25.00
12	PH-ALK	H338-03	14	.00	25.00
13	PH-ALK	H338-04	15	.00	25.00
14	PH-ALK	H338-05	16	.00	25.00
15	PH-ALK	H338-06	17	.00	25.00
16	PH-ALK	H338-07	18	.00	25.00
17	PH-ALK	H338-08	19	.00	25.00
18	PH-ALK	H338-09	20	.00	25.00
19	PH-ALK	H307-01	21	.00	25.00
20	PH-ALK	H363-01	22	.00	25.00
21	PH-ALK	H363-02	23	.00	25.00
22	PH-ALK	H363-03	24	.00	25.00
23	PH-ALK	H363-04	25	.00	25.00
24	PH-ALK	H363-05	26	.00	25.00
25	PH-ALK	CCV	27	.00	25.00
26	PH-ALK	CCB	28	.00	25.00
27	PH-ALK	H363-06	29	.00	25.00
28	PH-ALK	H363-06M	30	.00	25.00
29	PH-ALK	H363-06S	31	.00	25.00
30	PH-ALK	H363-08	32	.00	25.00
31	PH-ALK	H363-09	33	.00	25.00
32	PH-ALK	H363-10	34	.00	25.00
33	PH-ALK	H364-02	35	.00	25.00
34	PH-ALK	RINSE	36	.00	25.00
35	PH-ALK	ALI003WB	37	.00	25.00
36	PH-ALK	ALI003WL	38	.00	25.00
37	PH-ALK	ALI003WC	39	.00	25.00
38	PH-ALK	H339-01	40	.00	25.00
39	PH-ALK	H386-01	41	.00	25.00
40	PH-ALK	H386-02	42	.00	25.00

PC-TitratION PLUS by Man-Tech Associates, Inc.
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Order Number - 10E5I01

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	H386-03	43	.00	25.00
42	PH-ALK	H386-04	44	.00	25.00
43	PH-ALK	H386-05	45	.00	25.00
44	PH-ALK	H386-06	46	.00	25.00
45	PH-ALK	H386-07	47	.00	25.00
46	PH-ALK	H386-08	48	.00	25.00
47	PH-ALK	CCV	49	.00	25.00
48	PH-ALK	CCB	50	.00	25.00
49	PH-ALK	I005-02	51	.00	25.00
50	PH-ALK	I005-03	52	.00	25.00
51	PH-ALK	I005-03D	53	.00	25.00
52	PH-ALK	I005-03M	54	.00	25.00
53	PH-ALK	I005-03S	55	.00	25.00
54	PH-ALK	I005-05	56	.00	25.00
55	PH-ALK	I006-01	57	.00	25.00
56	PH-ALK	I019-01	58	.00	25.00
57	PH-ALK	I019-02	59	.00	25.00
58	PH-ALK	I019-03	60	.00	25.00
59	PH-ALK	I019-04	61	.00	25.00
60	PH-ALK	CCV	62	.00	25.00
61	PH-ALK	CCB	63	.00	25.00
62	PH-ALK	RINSE	64	.00	25.00

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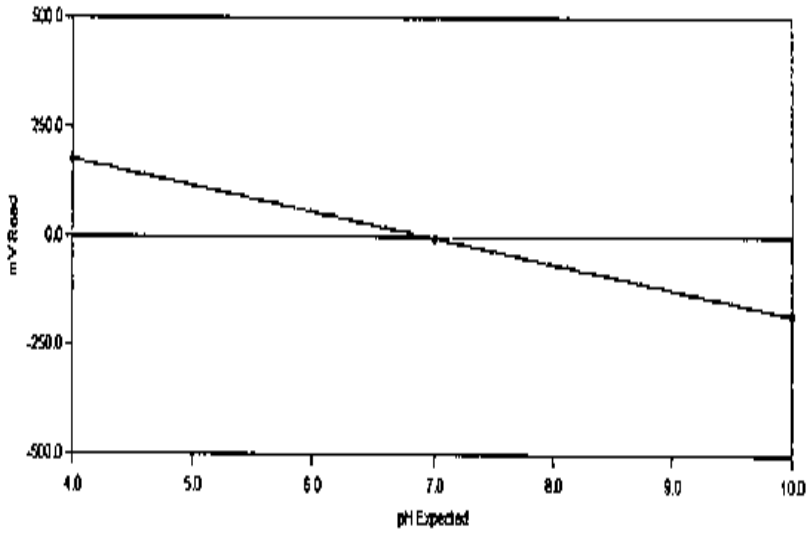
PC-TitratION PLUS
Calibration Report

Calibration Record # 209



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/03/2010	
Channel	1	Time	5:42 PM	
Probe Type	pH	Temperature	296.48 K	23.33 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.690	CorrCoeff	0.9999
Intercept	-2.317	Equation: Y = (-59.690) X + (-2.317)	

Calibration Validity **True** Operator

	Result	Minimum	Maximum
Slope	-59.690	-65.00	-53.00
Intercept	-2.317	-40.00	40.00
Correlation Coefficient	0.9999	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	**Standard**	**Reading**
	4.00	177.85
	7.00	-4.51
	10.00	-180.29

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of four (4) water samples were received on 09/01/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI003WL/C were all within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : HWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDT003WB	ND	1	NA	20.0	5.00	09/07/1016:50	NA	TD100301	NA	TD1003W	NA	NA
LCS1W	TDT003WL	980	1	NA	20.0	5.00	09/07/1016:50	NA	TD100302	NA	TD1003W	NA	NA
LCD1W	TDT003WC	995	1	NA	20.0	5.00	09/07/1016:50	NA	TD100303	NA	TD1003W	NA	NA
IW-70-FSB216-A10	1019-01	19800	1	NA	20.0	5.00	09/07/1016:50	NA	TD100309	NA	TD1003W	09/01/1011:05	09/01/10
MW-70-PMW08A-A10	1019-02	15600	1	NA	20.0	5.00	09/07/1016:50	NA	TD100310	NA	TD1003W	09/01/1011:58	09/01/10
MW-70-PMW03B-A10	1019-03	4710	1	NA	20.0	5.00	09/07/1016:50	NA	TD100311	NA	TD1003W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	1019-04	4600	1	NA	20.0	5.00	09/07/1016:50	NA	TD100312	NA	TD1003W	09/01/1012:50	09/01/10
MW-70-PMW08B-A10-DDUP	1019-04D	4820	1	NA	20.0	5.00	09/07/1016:50	NA	TD100313	NA	TD1003W	09/01/1012:50	09/01/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 2540C

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TD1003WB | TD1003WL | TD1003WC
LAB FILE ID: TD100301 | TD100302 | TD100303
DATE EXTRACTED: NA | NA | NA | DATE COLLECTED: NA
DATE ANALYZED: 09/07/1016:50 | 09/07/1016:50 | 09/07/1016:50 | DATE RECEIVED: NA
PREP. BATCH: TD1003W | TD1003W | TD1003W
CALIB. REF: NA | NA | NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	980	98	1000	995	100	2	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD 2540C

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: HW-70-PW0088-A10-D
EMAX SAMP ID: ID19-04 1019-04D
LAB FILE ID: TD100312 TD100313
DATE EXTRACTED: NA NA DATE COLLECTED: 09/01/10 12:50
DATE ANALYZED: 09/07/1016:50 09/07/1016:50 DATE RECEIVED: 09/01/10
PREP. BATCH: TO1003W TD1003W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	4600	4820	5	5

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDS003

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-266	1000

Analyzed By: MMV

Date: 9/8/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES, INC.

Instrument ID: 4070350 Oven Temp IN (°C): 180 Oven Temp OUT (°C): 180 SOP EMAX-2540C Rev. 1

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference (std. 2nd Dry Wt. Rdg.)	Difference 2nd & 3rd Dry Wt. Rdg. (<0.5mg)
TD1003 01	TD1003WB	100	B	70.5474	09/07/10	16:50	70.5474	09/08/10	14:13	70.6478	09/08/10	16:10	70.6478	09/08/10	16:10	0.0004	0.0
TD1003 02	TD1003AL	20	L	13.2201	09/07/10	16:52	13.2196	09/08/10	14:14	13.2836	09/08/10	16:11	13.2837	09/08/10	16:11	0.0004	0.1
TD1003 03	TD1003WC	20	C	13.2630	09/07/10	16:53	13.2627	09/08/10	14:14	13.2828	09/08/10	16:11	13.2829	09/08/10	16:11	0.0004	0.1
TD1003 04	1003-03	50	1	69.7289	09/07/10	16:54	69.7565	09/08/10	14:15	69.7569	09/08/10	16:11	69.7569	09/08/10	16:12	0.0004	0.0
TD1003 05	1003-04	20	2	13.1956	09/07/10	16:54	13.2105	09/08/10	14:15	13.2107	09/08/10	16:12	13.2107	09/08/10	16:12	0.0002	0.0
TD1003 06	1008-02	20	3	13.1648	09/07/10	16:55	13.1828	09/08/10	14:15	13.1829	09/08/10	16:12	13.1828	09/08/10	16:12	0.0001	0.0
TD1003 07	1008-04	50	4	73.7055	09/07/10	16:55	73.7578	09/08/10	14:15	73.7581	09/08/10	16:13	73.7581	09/08/10	16:13	0.0002	0.0
TD1003 08	1012-01	100	5	71.2500	09/07/10	16:55	71.2713	09/08/10	14:16	71.2716	09/08/10	16:13	71.2716	09/08/10	16:13	0.0003	0.0
TD1003 09	1019-01	5	6	13.1373	09/07/10	16:56	13.2357	09/08/10	14:16	13.2367	09/08/10	16:14	13.2367	09/08/10	16:14	0.0003	0.0
TD1003 10	1019-02	5	7	13.2378	09/07/10	16:56	13.3558	09/08/10	14:17	13.3557	09/08/10	16:14	13.3557	09/08/10	16:15	0.0001	0.0
TD1003 11	1019-03	20	8	13.2437	09/07/10	16:56	13.2420	09/08/10	14:17	13.2399	09/08/10	16:15	13.2399	09/08/10	16:15	0.0001	0.0
TD1003 12	1019-04	20	9	13.2316	09/07/10	16:57	13.2235	09/08/10	14:17	13.2237	09/08/10	16:15	13.2237	09/08/10	16:15	0.0002	0.0
TD1003 13	1019-04D	20	10	13.2429	09/07/10	16:57	13.2395	09/08/10	14:18	13.2393	09/08/10	16:16	13.2393	09/08/10	16:16	0.0001	0.0
TD1003 14	1015-01	20	11	13.0416	09/07/10	16:58	13.1235	09/08/10	14:18	13.1235	09/08/10	16:16	13.1235	09/08/10	16:16	0	0.0
TD1003 15	1015-02	20	12	13.2064	09/07/10	16:59	13.2877	09/08/10	14:18	13.2874	09/08/10	16:17	13.2874	09/08/10	16:17	0.0001	0.0
TD1003 16	1015-04	20	13	13.1876	09/07/10	16:59	13.2581	09/08/10	14:19	13.2583	09/08/10	16:17	13.2583	09/08/10	16:17	0.0001	0.0
TD1003 17	1043-01	20	14	13.1782	09/07/10	16:59	13.2145	09/08/10	14:19	13.2143	09/08/10	16:17	13.2143	09/08/10	16:17	0	0.0
TD1003 18	1043-02	20	15	13.1778	09/07/10	17:00	13.2002	09/08/10	14:20	13.2006	09/08/10	16:18	13.2006	09/08/10	16:18	0.0004	0.0
TD1003 19	1043-03	20	16	13.2012	09/07/10	17:00	13.2231	09/08/10	14:20	13.2231	09/08/10	16:18	13.2231	09/08/10	16:18	0	0.0
TD1003 20	1043-04	20	17	13.1934	09/07/10	17:00	13.2134	09/08/10	14:20	13.2134	09/08/10	16:19	13.2134	09/08/10	16:19	0	0.0
TD1003 21	1043-05	20	18	13.2424	09/07/10	17:01	13.3664	09/08/10	14:21	13.3663	09/08/10	16:19	13.3663	09/08/10	16:19	0.0001	0.0
TD1003 22	1043-05D	20	19	13.1589	09/07/10	17:01	13.1813	09/08/10	14:21	13.1812	09/08/10	16:19	13.1812	09/08/10	16:19	0.0001	0.0

Beginning Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9995	09/07/10	16:45:19	PASSED
100	99.9941	09/07/10	16:45:34	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9998	09/07/10	17:01:45	PASSED
100	99.9941	09/07/10	17:01:55	PASSED

Beginning Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9998	09/08/10	14:12:23	PASSED
100	99.9994	09/08/10	14:12:18	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9998	09/08/10	16:21:14	PASSED
100	99.9985	09/08/10	16:21:15	PASSED

LCS Dil: 100 ml VOL: 5 mg/L RL: 10 mg/L

COMMENTS

Initial Reading by: MSM

Final Reading by: MSM

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD003 Start Date/Time: 09/07/10 16:50 Temp IN(°C): 180

Balance ID: 40706360 End Date/Time: 09/08/10 16:19 Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD003 01	TD003WB	100	70.6474	70.6478	0.4000	ND	
TD003 02	TD003W1	20	13.2201	13.2397	19.6000	980	98
TD003 03	TD003WC	20	13.263	13.2829	19.9000	995	100
TD003 04	1050-02	50	69.7249	69.7569	32.0000	640	
TD003 05	1050-04	20	13.1956	13.2107	15.1000	755	
TD003 06	1038-02	20	13.1648	13.1828	18.0000	900	
TD003 07	1038-04	50	73.7055	73.738	32.5000	650	
TD003 08	1032-01	100	71.23	71.2716	41.6000	416	
TD003 09	1019-01	5	13.1377	13.2367	99.0000	19800	
TD003 10	1019-02	5	13.2776	13.3557	78.1000	15600	
TD003 11	1019-03	20	13.1457	13.2399	94.2000	4710	
TD003 12	1019-04	20	13.1316	13.2237	92.1000	4600	
TD003 13	1019-04D	20	13.2429	13.3393	96.4000	4820	
TD003 14	1015-01	20	13.0416	13.1235	81.9000	4090	
TD003 15	1015-02	20	13.2054	13.2874	82.0000	4100	
TD003 16	1015-04	20	13.1878	13.2583	70.5000	3530	
TD003 17	1043-01	20	13.1887	13.2143	25.6000	1280	
TD003 18	1043-02	20	13.1778	13.2006	22.8000	1140	
TD003 19	1043-03	20	13.201	13.2231	22.1000	1110	
TD003 20	1043-04	20	13.1924	13.2134	21.0000	1050	
TD003 21	1043-05	20	13.2434	13.2663	22.9000	1150	
TD003 22	1043-05D	20	13.158	13.1812	23.2000	1160	

LCS Concentration 1000 mg/L MDL(mg/L) 5 Initial Reading by: MJM

SOP: EMAX-2540C Rev 1 RL (mg/L) 10 Final Reading by: MJM

COMMENTS

Reviewed by MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/8/10 8:44	200.04	9/8/10 8:45	200.08	9/8/10 8:46	199.8	200.2	200g Check Passed
10203192	31116	100	100.01	9/8/10 8:44	100.02	9/8/10 8:45	100.05	9/8/10 8:46	99.9	100.1	100g Check Passed
10203192	31116	50	49.97	9/8/10 8:44	49.97	9/8/10 8:45	50.02	9/8/10 8:46	49.95	50.05	50g Check Passed
10203192	31116	30	29.99	9/8/10 8:44	29.97	9/8/10 8:45	30.03	9/8/10 8:46	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/8/10 8:45	1	9/8/10 8:46	1	9/8/10 8:47	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/8/10 8:49	200	9/8/10 8:49	200	9/8/10 8:50	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/8/10 8:49	100	9/8/10 8:49	100.01	9/8/10 8:50	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/8/10 8:49	50	9/8/10 8:49	50	9/8/10 8:50	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/8/10 8:49	30	9/8/10 8:50	30.01	9/8/10 8:50	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/8/10 8:49	1	9/8/10 8:50	1	9/8/10 8:50	0.999	1.001	1g Check Passed
40706360	31116	150	149.9934	9/8/10 8:52	149.9933	9/8/10 8:54	149.9933	9/8/10 8:55	149.85	150.15	150g Check Passed
40706360	31116	100	99.9953	9/8/10 8:52	99.9954	9/8/10 8:54	99.9954	9/8/10 8:55	99.9	100.1	100g Check Passed
40706360	31116	50	49.9979	9/8/10 8:53	49.998	9/8/10 8:54	49.998	9/8/10 8:56	49.95	50.05	50g Check Passed
40706360	31116	30	29.9984	9/8/10 8:53	29.9987	9/8/10 8:54	29.9986	9/8/10 8:56	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/8/10 8:53	0.9999	9/8/10 8:55	0.9998	9/8/10 8:56	0.999	1.001	1g Check Passed
10601202	31116	200	199.996	9/8/10 8:58	199.995	9/8/10 8:59	199.995	9/8/10 9:01	199.8	200.2	200g Check Passed
10601202	31116	100	100	9/8/10 8:58	99.998	9/8/10 8:59	99.999	9/8/10 9:01	99.9	100.1	100g Check Passed
10601202	31116	50	49.996	9/8/10 8:58	50.001	9/8/10 8:59	49.997	9/8/10 9:01	49.95	50.05	50g Check Passed
10601202	31116	30	30.003	9/8/10 8:58	30.004	9/8/10 8:59	29.997	9/8/10 9:01	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/8/10 8:58	0.999	9/8/10 8:59	0.999	9/8/10 9:01	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CJ 9-8-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

Date: 9/8/10

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower Limit	Higher Limit	Comments
10203192	31116	200	200.07	9/7/10 9:02	200.04	9/7/10 9:03	200.07	9/7/10 9:03	199.8	200.2	200g Check Passed
10203192	31116	100	100.05	9/7/10 9:02	99.99	9/7/10 9:03	100.02	9/7/10 9:03	99.9	100.1	100g Check Passed
10203192	31116	50	50	9/7/10 9:02	50	9/7/10 9:03	50	9/7/10 9:04	49.95	50.05	50g Check Passed
10203192	31116	30	30.02	9/7/10 9:02	29.98	9/7/10 9:03	29.99	9/7/10 9:04	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/7/10 9:03	1	9/7/10 9:03	1	9/7/10 9:04	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/7/10 9:06	200	9/7/10 9:07	200.01	9/7/10 9:07	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/7/10 9:06	100	9/7/10 9:07	100.01	9/7/10 9:07	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/7/10 9:06	50	9/7/10 9:07	50	9/7/10 9:07	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/7/10 9:06	29.99	9/7/10 9:07	30	9/7/10 9:07	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/7/10 9:06	1	9/7/10 9:07	1	9/7/10 9:08	0.999	1.001	1g Check Passed
40706360	31116	150	149.993	9/7/10 9:10	149.9931	9/7/10 9:11	149.9929	9/7/10 9:12	149.85	150.15	150g Check Passed
40706360	31116	100	99.9951	9/7/10 9:10	99.995	9/7/10 9:11	99.995	9/7/10 9:12	99.9	100.1	100g Check Passed
40706360	31116	50	49.9978	9/7/10 9:10	49.9976	9/7/10 9:11	49.9978	9/7/10 9:12	49.95	50.05	50g Check Passed
40706360	31116	30	29.9986	9/7/10 9:10	29.9984	9/7/10 9:11	29.9985	9/7/10 9:12	29.97	30.03	30g Check Passed
40706360	31116	1	0.9999	9/7/10 9:10	0.9998	9/7/10 9:12	0.9998	9/7/10 9:13	0.999	1.001	1g Check Passed
10601202	31116	200	200	9/7/10 9:15	199.996	9/7/10 9:17	199.997	9/7/10 9:17	199.8	200.2	200g Check Passed
10601202	31116	100	100.004	9/7/10 9:15	100.002	9/7/10 9:17	99.994	9/7/10 9:17	99.9	100.1	100g Check Passed
10601202	31116	50	50.007	9/7/10 9:15	50.008	9/7/10 9:17	49.958	9/7/10 9:17	49.95	50.05	50g Check Passed
10601202	31116	30	30.009	9/7/10 9:16	30.002	9/7/10 9:17	30.003	9/7/10 9:18	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/7/10 9:16	1.001	9/7/10 9:17	1.001	9/7/10 9:18	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

Date: [illegible]

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of three (3) water samples were received on 09/01/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MCIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HSIC01WB	ND	1	NA	1.00	0.400	09/07/1017:48	NA	HSIOC101	NA	HSIOC1W	NA	NA
MW-70-PMW08A-A10	1019-02	ND	1	NA	1.00	0.400	09/07/1018:16	NA	HSI00106	NA	HSIOC1W	09/01/1C11:58	09/01/10
MW-70-PMW08B-A10	1019-C3	ND	1	NA	1.00	0.400	09/07/1018:31	NA	HSI00117	NA	HSI001W	09/01/1012:45	09/01/10
MW-70-PMW08B-A10-D	1019-D4	ND	1	NA	1.00	C.400	09/07/1018:36	NA	HSI00118	NA	HSI001W	09/01/1012:50	09/01/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HSI 001

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☑ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWI-01-167	6.79
Spike	NA	
$Na_2S_2O_3$ Standard	SWRI-01-243	0.025N
Iodine	SWRI-01-234B	0.025N
HCl	SWPI-05-174	1:1
Indicator	SWRI-01-247	-

Analyzed By: MJM

Date: 9/7/10

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HSI001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titant V_t (ml)	Analysis Date mm:dd:yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HSI0011	HSI001WB	100	5	4.81	09-07-10	17:43:18	0.76	0.76	0000	mg/L
HSI0012	HSI001WL	100	5	3.55	09-07-10	17:59:08	5.8	5.8		mg/L
HSI0013	HSI001WC	100	5	3.6	09-07-10	18:02:19	5.6	5.6		mg/L
HSI0014	H661-09	100	5	4.75	09-07-10	18:08:30	1	1	9999	mg/L
HSI0015	H661-10	100	5	3.64	09-07-10	18:12:20	5.44	5.44		mg/L
HSI0016	I019-02	100	5	4.58	09-07-10	18:16:50	1.68	1.68	1.68J	mg/L
HSI0017	I019-03	100	5	4.8	09-07-10	18:31:21	0.8	0.8	0000	mg/L
HSI0018	I019-04	100	5	4.8	09-07-10	18:36:03	0.8	0.8	0000	mg/L
HSI0019	I043-02	100	5	4.91	09-07-10	18:42:31	0.36	ND		mg/L
HSI00110	I043-03	100	5	4.81	09-07-10	18:45:59	0.76	0.76	0000	mg/L
HSI00111	I043-04	100	5	4.78	09-07-10	18:52:41	0.88	0.88	9999	mg/L
HSI00112	I043-05	100	5	4.76	09-07-10	18:57:02	0.96	0.96	0000	mg/L
HSI00113	I066-04	100	5	4.79	09-07-10	19:04:25	0.84	0.84	9999	mg/L
HSI00114	I066-05	100	5	4.76	09-07-10	19:07:49	0.96	0.96	0000	mg/L
HSI00115	I066-06	100	5	4.75	09-07-10	19:11:31	1	1	9999	mg/L
HSI00116	I075-01	100	5	4.82	09-07-10	19:16:04	0.72	0.72	9999	mg/L
HSI00117	I075-02	100	5	4.8	09-07-10	19:20:51	0.8	0.8	0000	mg/L
HSI00118	I075-02D	100	5	4.8	09-07-10	19:25:40	0.8	0.8	0000	mg/L

mjm 9/7/10

STANDARDIZATION				
V_s (ml)	V_{blank} (ml)	DATE	TIME	Titant $Na_2S_2O_3$ (N)
Average Normality of Iodine (NI)				0.025

☑ Standard Purchased as Certified Solution

$$N_I = \frac{(N * V)_{Na_2S_2O_3}}{V_s}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS (WATER / SOIL)	6.79	444	mg/L / mg/kg
MDL (WATER / SOIL)	0.4	10	mg/L / mg/kg
RL	2	20	mg/L / mg/kg

$$S(mg/L) = \frac{[(V_I * N_I) - (V_t * N_t)](16{,}000)}{V_s}$$

MS/MSD	TV=	6.79	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: mjm

SM4500-S⁻ H

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-H

Analytical Batch: HS1001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10011	HS1001WB	0.76	mg/L	9/7/10 17:48	25			ND #VALUE!	mg/L	
HS10012	HS1001WL	5.8	mg/L	9/7/10 17:59	25			#VALUE!	mg/L	
HS10013	HS1001WC	5.6	mg/L	9/7/10 18:03	25			#VALUE!	mg/L	
HS10014	H661-09	1	mg/L	9/7/10 18:08	25	6.99	38900	0.42	mg/L	
HS10015	H661-10	5.46	mg/L	9/7/10 18:12	25	7.37	5140	1.33	mg/L	
HS10016	I019-02	1.68	mg/L	9/7/10 18:16	25	7.14	23400	0.57	mg/L	
HS10017	I019-03	0.8	mg/L	9/7/10 18:31	25	7.19	7510	0.26	mg/L	
HS10018	I019-04	0.8	mg/L	9/7/10 18:36	25	7.18	7600	0.26	mg/L	
HS10019	I043-02	ND	mg/L	9/7/10 18:42	25	6.68	1860	ND	mg/L	
HS100110	I043-03	0.76	mg/L	9/7/10 18:47	25	7.73	1590	0.1	mg/L	
HS100111	I043-04	0.88	mg/L	9/7/10 18:52	25	7.76	1500	0.11	mg/L	
HS100112	I043-05	0.96	mg/L	9/7/10 18:57	25	7.74	1660	0.12	mg/L	
HS100113	I066-04	0.84	mg/L	9/7/10 19:04	25	7.69	2150	0.12	mg/L	
HS100114	I066-05	0.96	mg/L	9/7/10 19:07	25	7.85	1700	0.1	mg/L	
HS100115	I066-06	1	mg/L	9/7/10 19:11	25	7.06	2530	0.41	mg/L	
HS100116	I075-01	0.72	mg/L	9/7/10 19:16	25	7.51	1310	0.15	mg/L	
HS100117	I075-02	0.8	mg/L	9/7/10 19:20	25	7.93	1070	0.07	mg/L	
HS100118	I075-02D	0.8	mg/L	9/7/10 19:25	25	7.92	1090	0.07	mg/L	

MJM 9/7/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}\,Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m} \quad H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: MJM

Reviewed by: MJM

Date: 9/7/10

Where: T(K) = T°C+272.15 pK1=dissociation constant for zero ionic strength A= Debye-Huckel Parameter I= Ionic Strength pfm= negative logarithm of the monovalent ion activity coefficient K'1=conditional ionization constant H+=Hydrogen ion concentration ST=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I019

METHOD SM5310B
TOC

A total of four (4) water samples were received on 09/01/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCI001WL/C were all within QC limits.
Percent recoveries for TCI003WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample I019-01 was diluted prior to analysis due to its turbidity.

METHOD SM5310B
TOC

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101019

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1003WB	ND	1	NA	1.00	0.500	09/10/1017:21	NA	TC1002-35	TC1002-02	TC1003W	NA	NA
LCS1W	TC1003WL	24.8	1	NA	1.00	0.500	09/10/1017:34	NA	TC1002-36	TC1002-02	TC1003W	NA	NA
LCD1W	TC1003WC	24.7	1	NA	1.00	0.500	09/10/1017:47	NA	TC1002-37	TC1002-02	TC1003W	NA	NA
LW-70-FSB216-A'0	1019-01	468	20	NA	20.0	10.0	09/10/1018:23	NA	TC1002-10	TC1002-02	TC1003W	09/01/1011:05	09/01/10
MBLK2W	TC1001WB	ND	1	NA	1.00	0.500	09/03/1019:37	NA	TC1001-05	TC1001-02	TC1001W	NA	NA
LCS2W	TC1001WL	24.8	1	NA	1.00	0.500	09/03/1019:49	NA	TC1001-06	TC1001-02	TC1001W	NA	NA
LCD2W	TC1001WC	24.8	1	NA	1.00	0.500	09/03/1020:02	NA	TC1001-07	TC1001-02	TC1001W	NA	NA
MW-70-PMW08A-A'0	1019-02	1.85	1	NA	1.00	0.500	09/03/1023:06	NA	TC1001-23	TC1001-14	TC1001W	09/01/1011:58	09/01/10
MW-70-PMW08B-A'0	1019-03	2.94	1	NA	1.00	0.500	09/03/1023:18	NA	TC1001-24	TC1001-14	TC1001W	09/01/1012:45	09/01/10
MW-70-PMW08B-A'0-D	1019-04	3.11	1	NA	1.00	0.500	09/03/1023:31	NA	TC1001-25	TC1001-14	TC1001W	09/01/1012:50	09/01/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 10IC19
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: TC1001WB TC1001WL TC1001WC
LAB FILE ID: TC1001-05 TC1001-06 TC1001-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1019:37 09/03/1019:49 09/03/1020:02 DATE RECEIVED: NA
PREP. BATCH: TC1001W TC1001W TC1001W
CALIB. REF: TC1001-C2 TC1001-02 TC1001-C2

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.8	99	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101019
METHOD: METHOD SM5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	TC1003WB	TC1003WL	TC1003WC		
LAB FILE ID:	TC1002-05	TC1002-06	TC1002-07		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1017:21	09/10/1017:34	09/10/1017:47	DATE RECEIVED:	NA
PREP. BATCH:	TC1003W	TC1003W	TC1003W		
CALIB. REF:	TC1002-02	TC1002-02	TC1002-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.7	99	0	85-115	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/10/10 15:38

end (date & time) 9/10/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W / TCI004W

TCI003W / TCI004W

104344-08

10H337-03

10I019-01

10H661-01,02,03

10I053-01,03

10I043-01 → 05

10I037-01

10I066-01 → 06

10I062-01,02

10I029-01 → 08

10I015-01,02

10I071-01 → 04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	OA-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	OA-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	OA-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	OA-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	OA-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	OA-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	OA-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	OA-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	OA-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	OA-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	OA-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	OA-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	OA-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	OA-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	OA-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	OA-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	OA-123456	C:\Pro	1.000	NPOC:~~8.344 mg/L~~	1.55 mg/L
18	Unknown	NPOC	10I053-01M	TCI002-18	OA-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	OA-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	OA-123456	C:\Pro	1.000	NPOC:1.389 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	OA-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	OA-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	OA-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	OA-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	OA-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	OA-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	OA-123456	C:\Pro	1.000	NPOC:0.05246 mg/	
28	Unknown	NPOC	10I032-01	TCI002-28	OA-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	OA-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	OA-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	OA-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	OA-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	OA-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	OA-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	OA-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	OA-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	OA-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	OA-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	OA-123456	C:\Pro	1.000	NPOC:0.09060 mg/	
40	Unknown	NPOC	10I062-01	TCI002-40	OA-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	OA-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	OA-123456	C:\Pro	1.000	NPOC:~~0.7145 mg/L~~	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	OA-123456	C:\Pro	1.000	NPOC:~~0.6054 mg/L~~	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	OA-123456	C:\Pro	1.000	NPOC:~~0.4224 mg/L~~	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	OA-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	OA-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	OA-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	OA-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	OA-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	OA-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	OA-123456	C:\Pro	1.000	NPOC:0.08001 mg/	
52	Unknown	NPOC	10I075-01	TCI002-52	OA-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	OA-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	OA-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	OA-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	OA-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	OA-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	OA-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	OA-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	OA-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	OA-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	OA-123456	C:\Pro	1.000	NPOC:0.07807 mg/L	
63									
64									FINAL
65									
66									
67									

09/13/10 09:26:38 AM

Instr.Information

System	Toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

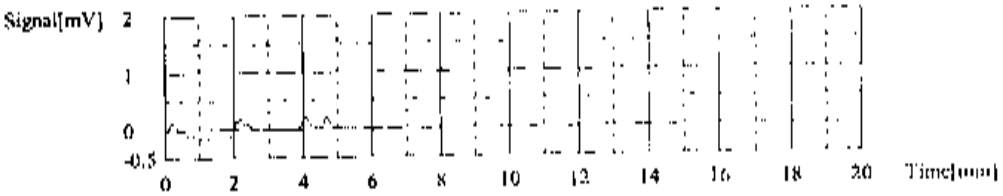
Sample Name:	ICAL
Sample ID:	TCI002-01
Cal. Curve:	TCI002.2010_09_10 15_30_25.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol	Aut Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/10/10 03:38:37 PM
2	0.000	50uL	1	------		09/10/10 03:40:43 PM
3	0.2240	50uL	1	------		09/10/10 03:41:30 PM
4	0.000	50uL	1	------		09/10/10 03:43:36 PM

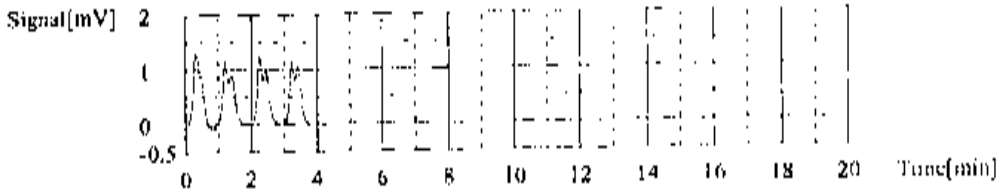
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.05600



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.353	50uL	10	------		09/10/10 03:51:42 PM
2	2.308	50uL	10	------		09/10/10 03:52:57 PM
3	2.326	50uL	10	------		09/10/10 03:54:06 PM
4	2.370	50uL	10	------		09/10/10 03:55:17 PM

Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.339



Conc: 5.000mg/L

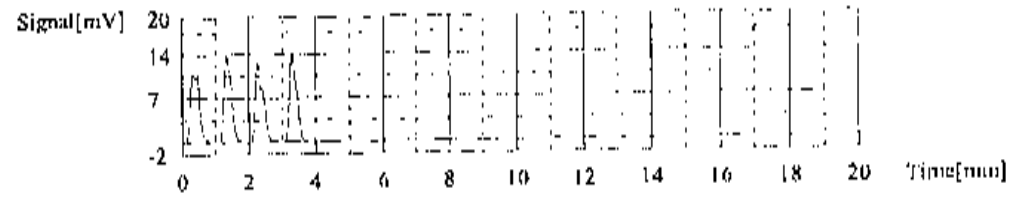
No	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.62	50uL	2	------		09/10/10 04:01:34 PM
2	10.85	50uL	2	------		09/10/10 04:02:46 PM
3	11.05	50uL	2	------		09/10/10 04:03:58 PM
4	10.90	50uL	2	------		09/10/10 04:05:07 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.85

Conc. 10.00mg/L

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.08	50uL	1	-------		09/10/10 04:10:41 PM
2	21.57	50uL	1	-------		09/10/10 04:11:50 PM
3	21.32	50uL	1	-------		09/10/10 04:13:00 PM
4	21.45	50uL	1	-------		09/10/10 04:14:11 PM

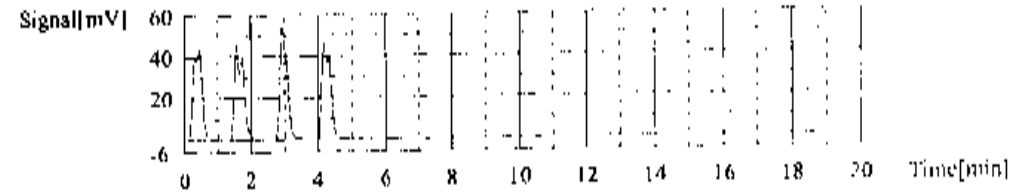
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.36



Conc: 40.00mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	84.53	50uL	2	-------		09/10/10 04:22:38 PM
2	84.83	50uL	2	-------		09/10/10 04:24:11 PM
3	85.83	50uL	2	-------		09/10/10 04:25:38 PM
4	85.03	50uL	2	-------		09/10/10 04:27:07 PM

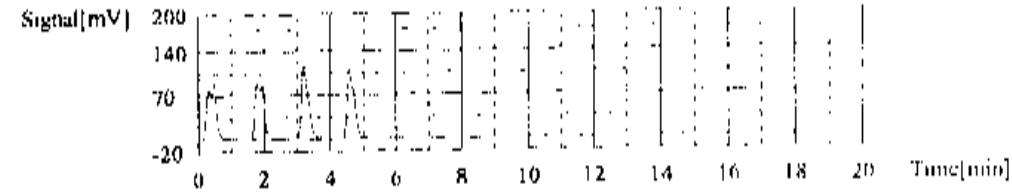
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06



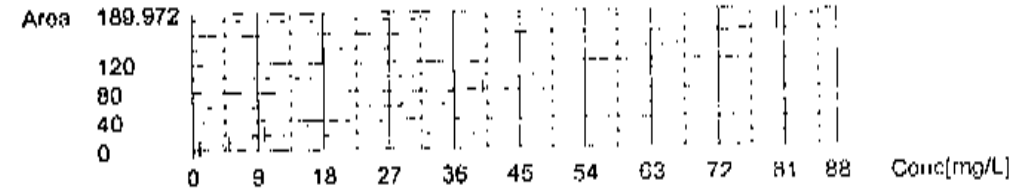
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	172.2	50uL	1	-------		09/10/10 04:33:09 PM
2	173.1	50uL	1	-------		09/10/10 04:34:46 PM
3	174.2	50uL	1	-------		09/10/10 04:36:20 PM
4	173.1	50uL	1	-------		09/10/10 04:37:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope: 2.159
Intercept 0.000
r^2 0.999920



Control Sample

Sample Name: ICV
Sample ID: TCI002-02
Method: TCI002.tpl
Chk. Result: Control value: 24.82 / Control exceeds range!

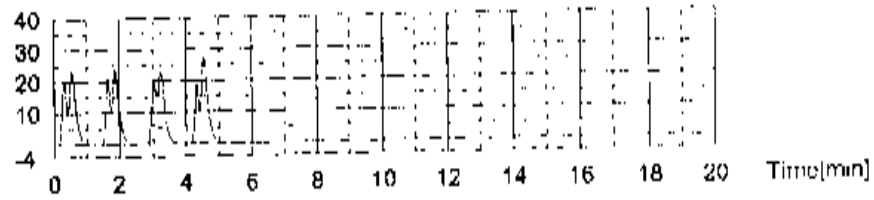
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.82 mg/L

1. Det.

Anal : NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.83	24.94mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:34 PM
3	53.62	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area: 53.58
Mean Conc.: 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002-03
Origin: TCI002.cal
Chk. Result

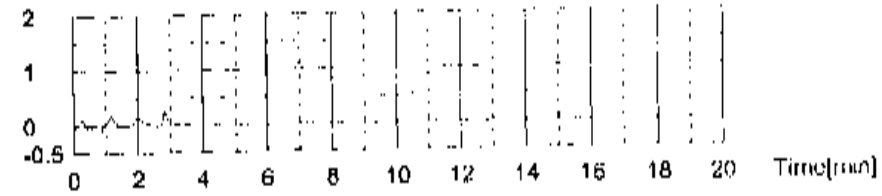
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1316 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2595	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1219mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:02 PM
3	0.2593	0.1201mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1640mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:05 PM

Mean Area: 0.2840
Mean Conc.: 0.1316mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/3/10 17:51
end (date & time) 9/4/10 07:10

TCI001W/TCI002W:
10H994-01
10H624-04
10H624-01
10H633-03,04,05
10I005-02,03,05
10I019-01→04
10I009-01→06,06
10I018-01
10I003-06→07
10I018-01
10H997-01
10H661-01→05,06,08,09,10

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI001
Method File:	TCI001
Analytical Batch:	TCI001W TCI002W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-322	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ TOC	9/7/10
☐	

Analyzed By: Am

Date: 9/7/10

	Type	Analysis	Sample Name	Sample ID	Operator	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICA	TCI001-01	OA-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI001-02	OA-123456	C:\Pro	1.000	NPOC:24.78 mg/L	
3	Unknown	NPOC	ICB	TCI001-03	OA-123456	C:\Pro	1.000	NPOC:0.1142 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI001-04	OA-123456	C:\Pro	1.000	NPOC:0.1740 mg/L	
5	Unknown	NPOC	TCI001WR	TCI001-05	OA-123456	C:\Pro	1.000	NPOC:0.06124 mg/L	
6	Unknown	NPOC	TCI001WL	TCI001-06	OA-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
7	Unknown	NPOC	TCI001WC	TCI001-07	OA-123456	C:\Pro	1.000	NPOC:24.80 mg/L	
8	Unknown	NPOC	10H944-01	TCI001-08	OA-123456	C:\Pro	1.000	NPOC:7.085 mg/L	PH<2
9	Unknown	NPOC	10H624-04T	TCI001-09	OA-123456	C:\Pro	20.00	NPOC:413.0 mg/L	DF: 20
10	Unknown	NPOC	10H634-01	TCI001-10	OA-123456	C:\Pro	1.000	NPOC:2.090 mg/L	PH<2
11	Unknown	NPOC	10H633-02	TCI001-11	OA-123456	C:\Pro	1.000	NPOC:1.399 mg/L	PH<2
12	Unknown	NPOC	10H633-04	TCI001-12	OA-123456	C:\Pro	1.000	NPOC:2.145 mg/L	PH<2
13	Unknown	NPOC	10H633-05	TCI001-13	OA-123456	C:\Pro	1.000	NPOC:2.226 mg/L	PH<2
14	Control	NPOC	CCV1	TCI001-14	OA-123456	C:\Pro	1.000	NPOC:24.92 mg/L	
15	Unknown	NPOC	CCB1	TCI001-15	OA-123456	C:\Pro	1.000	NPOC:0.1212 mg/L	
16	Unknown	NPOC	10I005-02	TCI001-16	OA-123456	C:\Pro	1.000	NPOC:1.027 mg/L	PH<2
17	Unknown	NPOC	10I005-03	TCI001-17	OA-123456	C:\Pro	1.000	NPOC:0.8532 mg/L	PH<2
18	Unknown	NPOC	10I005-03D	TCI001-18	OA-123456	C:\Pro	1.000	NPOC:0.8882 mg/L	
19	Unknown	NPOC	10I005-03M	TCI001-19	OA-123456	C:\Pro	1.000	NPOC:26.05 mg/L	
20	Unknown	NPOC	10I005-03S	TCI001-20	OA-123456	C:\Pro	1.000	NPOC:26.12 mg/L	
21	Unknown	NPOC	10I005-05	TCI001-21	OA-123456	C:\Pro	1.000	NPOC:0.9896 mg/L	PH<2
22	Unknown	NPOC	10I019-01	TCI001-22	OA-123456	C:\Pro	5.000	NPOC:492.0 mg/L	DF=5 PH<2
23	Unknown	NPOC	10I019-02	TCI001-23	OA-123456	C:\Pro	1.000	NPOC:1.851 mg/L	PH<2
24	Unknown	NPOC	10I019-03	TCI001-24	OA-123456	C:\Pro	1.000	NPOC:2.942 mg/L	PH<2
25	Unknown	NPOC	10I019-04	TCI001-25	OA-123456	C:\Pro	1.000	NPOC:3.107 mg/L	PH<2
26	Control	NPOC	CCV2	TCI001-26	OA-123456	C:\Pro	1.000	NPOC:25.37 mg/L	
27	Unknown	NPOC	CCB2	TCI001-27	OA-123456	C:\Pro	1.000	NPOC:0.2845 mg/L	
28	Unknown	NPOC	10I009-01	TCI001-28	OA-123456	C:\Pro	1.000	NPOC:2.220 mg/L	PH<2
29	Unknown	NPOC	10I009-02	TCI001-29	OA-123456	C:\Pro	1.000	NPOC:0.7712 mg/L	PH<2
30	Unknown	NPOC	10I009-03	TCI001-30	OA-123456	C:\Pro	1.000	NPOC:0.8222 mg/L	PH<2
31	Unknown	NPOC	10I009-04	TCI001-31	OA-123456	C:\Pro	1.000	NPOC:2.872 mg/L	PH<2
32	Unknown	NPOC	10I009-06	TCI001-32	OA-123456	C:\Pro	1.000	NPOC:6.106 mg/L	PH<2
33	Unknown	NPOC	10I006-01	TCI001-33	OA-123456	C:\Pro	1.000	NPOC:2.139 mg/L	PH<2
34	Unknown	NPOC	10I018-01	TCI001-34	OA-123456	C:\Pro	1.000	NPOC:4.610 mg/L	PH<2
35	Unknown	NPOC	TCI002WL	TCI001-35	OA-123456	C:\Pro	1.000	NPOC:24.54 mg/L	
36	Unknown	NPOC	TCI002WC	TCI001-36	OA-123456	C:\Pro	1.000	NPOC:24.56 mg/L	
37	Unknown	NPOC	TCI002WR	TCI001-37	OA-123456	C:\Pro	1.000	NPOC:0.1171 mg/L	
38	Control	NPOC	CCV3	TCI001-38	OA-123456	C:\Pro	1.000	NPOC:24.83 mg/L	
39	Unknown	NPOC	CCB3	TCI001-39	OA-123456	C:\Pro	1.000	NPOC:0.1173 mg/L	
40	Unknown	NPOC	10I003-06	TCI001-40	OA-123456	C:\Pro	1.000	NPOC:1.523 mg/L	PH<2
41	Unknown	NPOC	10I003-07	TCI001-41	OA-123456	C:\Pro	1.000	NPOC:0.9515 mg/L	PH<2
42	Unknown	NPOC	10I003-07D	TCI001-42	OA-123456	C:\Pro	1.000	NPOC:0.9763 mg/L	
43	Unknown	NPOC	10I003-07M	TCI001-43	OA-123456	C:\Pro	1.000	NPOC:26.10 mg/L	
44	Unknown	NPOC	10I003-07S	TCI001-44	OA-123456	C:\Pro	1.000	NPOC:26.18 mg/L	
45	Unknown	NPOC	10I003-08	TCI001-45	OA-123456	C:\Pro	1.000	NPOC:3.436 mg/L	PH<2
46	Unknown	NPOC	10H997-01	TCI001-46	OA-123456	C:\Pro	20.00	NPOC:425.4 mg/L	DF=20 PH<2
47	Unknown	NPOC	10H661-01	TCI001-47	OA-123456	C:\Pro	2.000	NPOC:210.5 mg/L	DF=2 PH<2
48	Unknown	NPOC	10H661-02	TCI001-48	OA-123456	C:\Pro	2.000	NPOC:216.8 mg/L	DF=2 PH<2
49	Unknown	NPOC	10H661-03	TCI001-49	OA-123456	C:\Pro	1.000	NPOC:17.44 mg/L	PH<2
50	Control	NPOC	CCV4	TCI001-50	OA-123456	C:\Pro	1.000	NPOC:24.93 mg/L	
51	Unknown	NPOC	CCB4	TCI001-51	OA-123456	C:\Pro	1.000	NPOC:0.1683 mg/L	
52	Unknown	NPOC	10H661-04	TCI001-52	OA-123456	C:\Pro	1.000	NPOC:15.21 mg/L	PH<2
53	Unknown	NPOC	10H661-05	TCI001-53	OA-123456	C:\Pro	1.000	NPOC:17.97 mg/L	PH<2
54	Unknown	NPOC	10H661-05M	TCI001-54	OA-123456	C:\Pro	1.000	NPOC:43.52 mg/L	
55	Unknown	NPOC	10H661-05S	TCI001-55	OA-123456	C:\Pro	1.000	NPOC:43.37 mg/L	
56	Unknown	NPOC	10H661-06	TCI001-56	OA-123456	C:\Pro	1.000	NPOC:32.43 mg/L	PH<2
57	Unknown	NPOC	10H661-08	TCI001-57	OA-123456	C:\Pro	1.000	NPOC:1400 mg/L	PH<2
58	Unknown	NPOC	10H661-09	TCI001-58	OA-123456	C:\Pro	1.000	NPOC:9.308 mg/L	PH<2
59	Unknown	NPOC	10661-10	TCI001-59	OA-123456	C:\Pro	1.000	NPOC:1.699 mg/L	PH<2
60	Control	NPOC	CCV5	TCI001-60	OA-123456	C:\Pro	1.000	NPOC:25.34 mg/L	
61	Unknown	NPOC	CCB5	TCI001-61	OA-123456	C:\Pro	1.000	NPOC:0.4400 mg/L	
62									
63									
64									
65									FINAL
66									
67									

Ar 2/2/10

Instr.Information

System	Ioc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

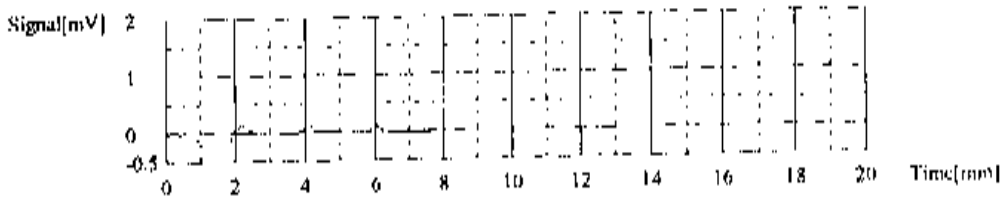
Sample Name:	ICAL
Sample ID:	TC1001-01
Cal. Curve	TC1001.2010_09 03 17 42 49 cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	-------		09/03/10 05:51:39 PM
2	0.000	50uL	1	-------		09/03/10 05:53:44 PM
3	0.000	50uL	1	-------		09/03/10 05:55:49 PM
4	0.000	50uL	1	-------		09/03/10 05:57:54 PM

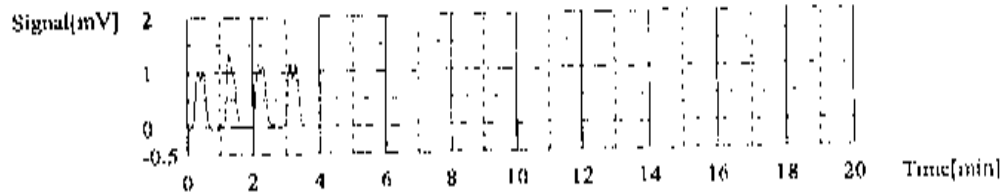
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.000



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.163	50uL	10	-------		09/03/10 06:06:03 PM
2	2.194	50uL	10	-------		09/03/10 06:07:08 PM
3	2.257	50uL	10	-------		09/03/10 06:08:16 PM
4	2.271	50uL	10	-------		09/03/10 06:09:22 PM

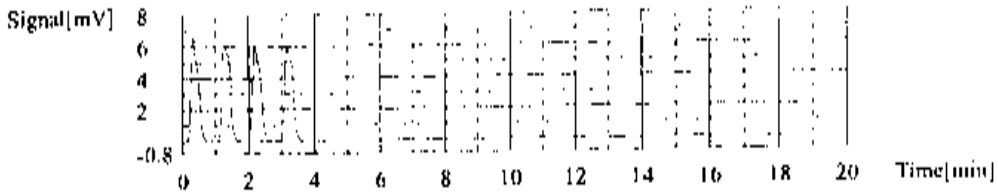
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	2.206



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.44	50uL	2	-------		09/03/10 06:15:35 PM
2	10.69	50uL	2	-------		09/03/10 06:16:42 PM
3	10.63	50uL	2	-------		09/03/10 06:17:51 PM
4	10.72	50uL	2	-------		09/03/10 06:18:59 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.63



Conc: 10.00mg/L

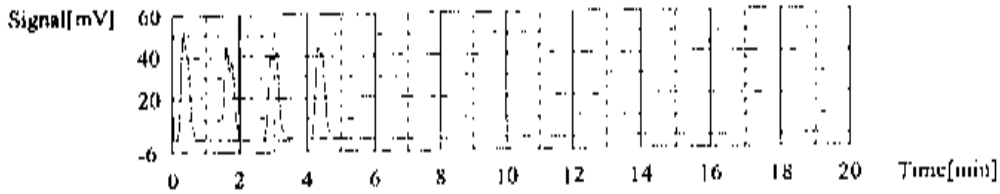
No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	20.83	50uL	1	-------		09/03/10 06:24:32 PM
2	20.96	50uL	1	-------		09/03/10 06:25:41 PM
3	21.12	50uL	1	-------		09/03/10 06:26:52 PM
4	21.02	50uL	1	-------		09/03/10 06:28:03 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 20.98

Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.89	50uL	2	-------		09/03/10 06:36:32 PM
2	84.04	50uL	2	-------		09/03/10 06:38:02 PM
3	84.38	50uL	2	-------		09/03/10 06:39:36 PM
4	84.60	50uL	2	-------		09/03/10 06:41:07 PM

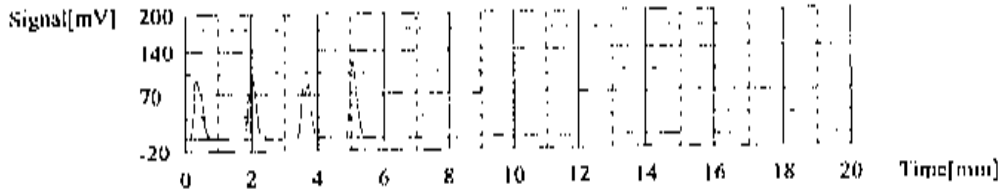
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 84.38



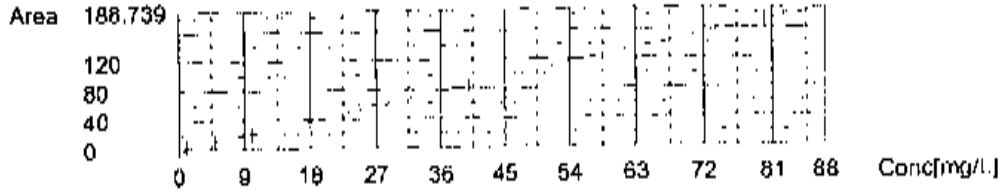
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	171.9	50uL	1	-------		09/03/10 06:47:19 PM
2	171.2	50uL	1	-------		09/03/10 06:49:06 PM
3	173.0	50uL	1	-------		09/03/10 06:50:46 PM
4	171.5	50uL	1	-------		09/03/10 06:52:24 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 171.9



Slope 2.145
Intercept 0.000
r^2 0.999918



Control Sample

Sample Name: ICV
Sample ID: TCI001-02
Method: TCI001.tpl
Chk. Result: Control value. 24.78 / Control exceeds range!

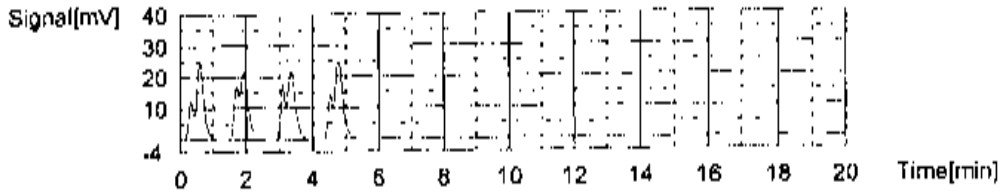
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.78 mg/L

1. Dil.

Anal.: NPOC

No	Area	Conc.	Inj. Vol	Aut. Dil	Ex.	Cal. Curve	Date / Time
1	52.51	24.48mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:00:31 PM
2	53.23	24.82mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:02:06 PM
3	53.23	24.82mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:03:44 PM
4	53.64	25.01mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:05:21 PM

Mean Area: 53.15
Mean Conc: 24.78mg/L



Sample

Sample Name: ICB
Sample ID: TCI001-03
Origin: TCI001.cal
Chk. Result

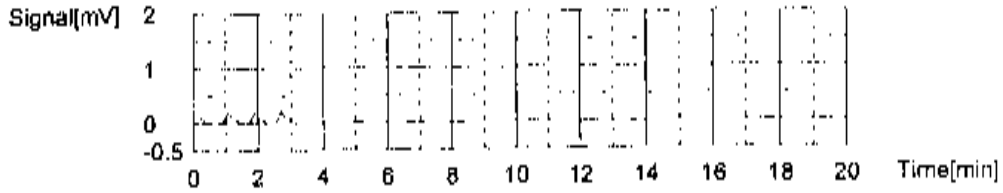
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1142 mg/L

1. Dil

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2141	0.0998mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:12:49 PM
2	0.2570	0.1199mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:13:38 PM
3	0.2281	0.1064mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:14:37 PM
4	0.2809	0.1310mg/L	50uL	1		TCI001.2010_09_03_17_42_49.cal	09/03/10 07:15:38 PM

Mean Area: 0.2450
Mean Conc.: 0.1142mg/L



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PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I043**

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** - Not Requested

EMAX LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 09-24-2010
EMAX Batch No.: 101043

Attn: Nick Weinberger

Insight EEC, Inc.
5010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the laboratory report for samples received on 09/02/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SA806-A10	1043-01	09/02/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW03A-A10	1043-02	09/02/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW03H-A10	1043-03	09/02/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP

Sample ID	Control #	Col Date	Matrix	Analysis
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW02A-A10	1043-04	09/02/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW02B-A10	1043-05	09/02/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB 09/02/10	1043-06	09/02/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for Peter

Cospar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801—

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. * 10I043
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC
PROJECT: NEWS SOAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.678.6700 FAX: 714.678.6711 EMAIL: NWEINBERGER@IGEI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC
ADDRESS: 2010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste SL=Sludge; SS=Soil Sediment; WP=Wipes FP=Pure Products; AIR=Air; O=
PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4
ANALYSES REQUIRED: VOCs (8260B); DISS. GASSES (RSK 175) methane/ethane/ethylene/propane, carbon dioxide, 23200, Alk, pH; TOC (5310B); DISS. HYDROGEN SULFIDE (4500 D); DISS. METALS (6010B)
TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID: CLIENT	SAMPLING: LOCATION	DATE	TIME	CONTAINER: NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE: HC	HC	NP	HC	NP	HN			COMMENTS
1	IW-70-SAB06-A10	IR 70	9/02/10	0905	8	40ml	VOA	GW	III	X	X	X	X					EFFLUENT WELL
2	MW-70-PMW03A-A10	IR 70	9/02/10	1037	10	40ml	VOA	GW	III	X	X	X	X	X	X			EFFLUENT WELL
3	MW-70-PMW03B-A10	IR 70	9/02/10	1140	10	40ml	VOA	GW	III	X	X	X	X	X	X			
4	MW-70-PMW02A-A10	IR 70	9/02/10	1315	10	40ml	VOA	GW	III	X	X	X	X	X	X			
5	MW-70-PMW02B-A10	IR 70	9/02/10	1342	10	40ml	VOA	GW	III	X	X	X	X	X	X			
6	TB-09/02/10	IR 70	9/2/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
7																		
8																		
9																		
10																		

Instructions

Cooler #	Temp (°C)	Sample #s
1	2.5	

SAMPLER: CHASE BRADON
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	09/02/10	1430	Keith Stout
Keith Stout	9/2/10	1452	[signature]

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 3:00 p.m. TAT shall commence on the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged. If EMAX disposes of hazardous as defined by CA Title 22 or non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	SEE COC	RCN 10T043
☐ Client Delivery		Receipient LUNA
☐ Third Party		Date 9-2-10
		Time 1452

COC Inspection

☑ Client Name ☑ Client PM/FC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☐ Matrix
☑ Address ☑ Tel # / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ TAT
Safety Issues ☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments.

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☑ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Insufficient	☐
Temperatures (Cool. +6 °C but not frozen)	☑ Cooler 1 2.5 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-02	4 x 4 vials		H1	R6

REVIEWS

Sample Labeling ____ Date 9/2/10 LX

SRF ____ Date 9/2/10

PM ____ Date 9/2/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4	____	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	____
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	Analyze vial with smallest bubble first.
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble is > 6mm		
B4	____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	NOTE: VIALS w/ SMALL BUBBLE		
C4	____	H2	____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I043

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of six (6) water samples were received on 09/02/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO05I11L/C were all within QC limits.
Percent recoveries for VO05I12L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to some analytes in samples I043-01R and -02R because of improper integration. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT SEC, INC. SDG NO. : 101043
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V005111B	1	NA	09/07/1023:02	09/07/1023:02	R10225	RH0642	V005[11	Method Blank
LCS1W	V005111L	1	NA	09/07/1021:32	09/07/1021:32	R10222	RH0642	V005[11	Lab Control Sample (LCS)
LCD1W	V005111C	1	NA	09/07/1022:02	09/07/1022:02	R10223	RH0642	V005[11	LCS Duplicate
TB-09/02/10	1043-06	1	NA	09/07/1023:32	09/07/1023:32	R10226	RH0642	V005[11	Field Sample
MW-70-PMW03B-A10	1043-03	1	NA	09/08/1004:01	09/08/1004:01	R10235	RH0642	V005[11	Field Sample
MW-70-PMW02A-A10	1043-04	1	NA	09/08/1004:31	09/08/1004:31	R10236	RH0642	V005[11	Field Sample
MW-70-PMW02B-A10	1043-05	1	NA	09/08/1005:00	09/08/1005:00	R10237	RH0642	V005[11	Field Sample
MBLK2W	V005[12B	1	NA	09/08/1015:43	09/08/1015:43	R10243	RH0642	V005[12	Method Blank
LCS2W	V005[12L	1	NA	09/08/1014:14	09/08/1014:14	R10240	RH0642	V005[12	Lab Control Sample (LCS)
LCD2W	V005[12C	1	NA	09/08/1014:44	09/08/1014:44	R10241	RH0642	V005[12	LCS Duplicate
MW-70-PMW03B-A10DL	1043-03T	50	NA	09/08/1019:12	09/08/1019:12	R10250	RH0642	V005[12	Diluted Sample
MW-70-PMW02A-A10DL	1043-04T	10	NA	09/08/1019:43	09/08/1019:43	R10251	RH0642	V005[12	Diluted Sample
MW-70-PMW02B-A10DL	1043-05T	100	NA	09/08/1020:12	09/08/1020:12	R10252	RH0642	V005[12	Diluted Sample
TW-70-SA806-A10	1043-01R	1	NA	09/08/1021:12	09/08/1021:12	R10254	RH0642	V005[12	Field Sample
MW-70-PMW03A-A10	1043-02R	1	NA	09/08/1021:44	09/08/1021:44	R10255	RH0642	V005[12	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 10I043	Date Extracted:	09/08/10 21:12
Sample ID:	IW-70-SAB06-A10	Date Analyzed:	09/08/10 21:12
Lab Samp ID:	1043-01R	Dilution Factor:	1
Lab File ID:	RIQ254	Matrix	: WATER
Ext Btch ID:	V005I12	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.29J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.49J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	1.9	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.73J	1.0	0.20
TRICHLOROETHENE	0.59J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	6.1	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 21:44
Sample ID:	MW-70-PMW03A-A10	Date Analyzed:	09/08/10 21:44
Lab Samp ID:	1043-02R	Dilution Factor:	1
Lab File ID:	R10255	Matrix	: WATER
Ext Btch ID:	VOD5112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.25J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.63J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.27J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.2	1.0	0.20
TRICHLOROETHENE	0.48J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.0	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 04:01
Sample ID:	MW-70-PMW03B-A10	Date Analyzed:	09/08/10 04:01
Lab Samp ID:	I043-03	Dilution Factor:	1
Lab File ID:	R10235	Matrix	: WATER
Ext Btch ID:	V005I11	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.61J	1.0	0.20
1,1-DICHLOROETHENE	2.5	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	200E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	4.4	1.0	0.20
TRICHLOROETHENE	9.8	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	38	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT-EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 19:12
Sample ID:	MW-70-PMW03B-A10DL	Date Analyzed:	09/08/10 19:12
Lab Samp ID:	T043-03T	Dilution Factor:	50
Lab File ID:	RIQ250	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	510	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	32	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 04:31
Sample ID:	MW-70-PMW02A-A10	Date Analyzed:	09/08/10 04:31
Lab Samp ID:	1043-04	Dilution Factor:	1
Lab File ID:	R19236	Matrix	: WATER
Ext Btch ID:	VD05111	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.72J	1.0	0.20
1,1-DICHLOROETHENE	0.77	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS 1,2-DICHLOROETHENE	140E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.2	1.0	0.20
TRICHLOROETHENE	5.7	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	0.61	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 19:43
Sample ID:	MW-70-PMW02A-A10DL	Date Analyzed:	09/08/10 19:43
Lab Samp ID:	1043-04T	Dilution Factor:	10
Lab File ID:	R10251	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,1,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2-TRICHLOROETHANE	ND	10	2.0
FREON113	ND	10	2.0
1,1-DICHLOROETHANE	ND	10	2.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	10	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	2.0
1,2-DIBROMOETHANE	ND	10	2.0
1,2-DICHLOROBENZENE	ND	10	2.0
1,2-DICHLOROETHANE	ND	5.0	2.0
1,2-DICHLOROPROPANE	ND	10	2.0
1,2,3-TRICHLOROBENZENE	ND	10	2.0
1,2,3-TRICHLOROPROPANE	ND	10	2.0
1,2,4-TRICHLOROBENZENE	ND	10	2.0
1,2,4-TRIMETHYLBENZENE	ND	10	2.0
1,3-DICHLOROBENZENE	ND	10	2.0
1,3,5-TRIMETHYLBENZENE	ND	10	2.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	2.0
4-CHLOROTOLUENE	ND	10	2.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	2.0
P-ISOPROPYLTOLUENE	ND	10	2.0
SEC-BUTYLBENZENE	ND	10	2.0
TERT-BUTYLBENZENE	ND	10	2.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	2.0
BROMODICHLOROMETHANE	ND	10	2.0
CIS-1,3-DICHLOROPROPENE	ND	10	2.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	2.0
BROMOFORM	ND	10	2.0
CARBON DISULFIDE	ND	10	2.0
CARBON TETRACHLORIDE	ND	5.0	2.0
CHLOROBENZENE	ND	10	2.0
CHLOROETHANE	ND	20	2.0
CHLOROFORM	ND	10	2.0
CHLOROMETHANE	ND	20	2.0
CIS-1,2-DICHLOROETHENE	130	10	2.0
DICHLORODIFLUOROMETHANE	ND	20	2.0
DIBROMOCHLOROMETHANE	ND	10	2.0
DIBROMOMETHANE	ND	10	2.0
ETHYLBENZENE	ND	10	2.0
HEXACHLOROBUTADIENE	ND	10	2.0
ISOPROPYL BENZENE	ND	10	2.0
METHYLENE CHLORIDE	ND	10	2.0
MTBE	ND	10	2.0
STYRENE	ND	10	2.0
TETRACHLOROETHYLENE	ND	10	2.0
TOLUENE	ND	10	2.0
TRANS-1,2-DICHLOROETHENE	ND	10	2.0
TRICHLOROETHENE	5.2J	50	2.0
TRICHLOROFLUOROMETHANE	ND	20	2.0
VINYL CHLORIDE	ND	5.0	2.0
XYLENES (TOTAL)	ND	20	2.0
M/P-XYLENES	ND	10	2.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 10IQ43	Date Extracted:	09/08/10 05:00
Sample ID:	MW-70-PMW028-A10	Date Analyzed:	09/08/10 05:00
Lab Samp ID:	1043-05	Dilution Factor:	1
Lab File ID:	RIQ237	Matrix	: WATER
Ext Btch ID:	VQ05111	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.87J	1.0	0.20
1,1-DICHLOROETHENE	1.8	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	0.23J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	330E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.5	1.0	0.20
TRICHLOROETHENE	94	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	1.6	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/08/10 20:12
Sample ID:	MW-70-PMW02B-A10DL	Date Analyzed:	09/08/10 20:12
Lab Samp ID:	1043-05T	Dilution Factor:	100
Lab File ID:	R10252	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	290	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	90J	500	20
TRICHLOROFLUOROMETHANE	ND	200	50
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/07/10 23:32
Sample ID:	TB-09/02/10	Date Analyzed:	09/07/10 23:32
Lab Samp ID:	1043-06	Dilution Factor:	1
Lab File ID:	RIQ226	Matrix	: WATER
Ext Btch ID:	VQ05111	% Moisture	: NA
Calib. Ref.:	RHQ642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.30
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	105	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101043	Date Extracted:	09/07/10 23:02
Sample ID:	MBLK1W	Date Analyzed:	09/07/10 23:02
Lab Samp ID:	V005111B	Dilution Factor:	1
Lab File ID:	RIQ225	Matrix	: WATER
Ext Bich ID:	V005111	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.50
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.50
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005111B	V005111L	V005111C		
LAB FILE ID:	RIQ225	RIQ222	RIQ223		
DATE EXTRACTED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE COLLECTED:	NA
DATE ANALYZED:	09/07/1023:02	09/07/1021:32	09/07/1022:02	DATE RECEIVED:	09/07/10
PREP. BATCH:	V005111	V005111	V005111		
CALIB. REF:	RHQ642	RHQ642	RHQ642		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.20	82	10.0	7.88	79	4	60-130	30
Benzene	ND	10.0	8.70	87	10.0	8.41	84	3	70-130	30
Chlorobenzene	ND	10.0	9.68	97	10.0	9.37	94	3	70-120	30
Toluene	ND	10.0	9.04	90	10.0	8.69	87	4	70-130	30
Trichloroethene	ND	10.0	8.45	84	10.0	8.26	83	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.81	98	10.0	9.54	95	70-140
4-Bromofluorobenzene	10.0	10.5	105	10.0	10.6	106	70-130
Toluene-d8	10.0	10.5	105	10.0	10.4	104	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 10I043	Date Extracted:	09/08/10 15:43
Sample ID:	MBLKZW	Date Analyzed:	09/08/10 15:43
Lab Samp ID:	V005I12B	Dilution Factor:	1
Lab File ID:	RI0243	Matrix	: WATER
Ext Btch ID:	V005I12	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	104	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V005112B	V005112L	V005112C		
LAB FILE ID:	RIQ243	RIQ240	RIQ241		
DATE EXTRACTED:	09/08/1015:43	09/08/1014:14	09/08/1014:44	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1015:43	09/08/1014:14	09/08/1014:44	DATE RECEIVED:	09/08/10
PREP. BATCH:	V005112	V005112	V005112		
CALIB. REF:	RHQ642	RHQ642	RHQ642		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.12	81	10.0	7.99	80	2	60-130	30
Benzene	ND	10.0	8.45	85	10.0	8.59	86	1	70-130	30
Chlorobenzene	ND	10.0	9.47	95	10.0	9.54	95	1	70-120	30
Toluene	ND	10.0	8.86	89	10.0	8.97	90	1	70-130	30
Trichloroethene	ND	10.0	8.29	83	10.0	8.35	83	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.55	95	10.0	10.1	101	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.2	102	70-130
Toluene-d8	10.0	10.5	105	10.0	10.6	106	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RH0636
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101043
BFB Injection Date : 08/20/10
BFB Injection Time : 17:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.49
75	30.0 - 60.0% of mass 95	42.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.90
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	74.45
175	5.0 - 9.0% of mass 174	5.40(7.3)1
176	95.0 - 101.0% of mass 174	71.18(95.6)1
177	5.0 - 9.0% of mass 176	4.81(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V005H201	RH0637	08/20/10	17:43
2	VSTD0.5	V005H202	RH0638	08/20/10	18:13
3	VSTD01	V005H203	RH0639	08/20/10	18:43
4	VSTD02	V005H204	RH0640	08/20/10	19:14
5	VSTD05	V005H205	RH0641	08/20/10	19:43
6	VSTD010	V005H206	RH0642	08/20/10	20:13
7	VSTD020	V005H207	RH0643	08/20/10	20:43
8	VSTD030	V005H208	RH0644	08/20/10	21:13
9	VSTD040	V005H209	RH0645	08/20/10	21:45
10	VSTD050	V005H2010	RH0646	08/20/10	22:12
11	VSTD100	V005H2011	RH0647	08/20/10	22:41

FORM V VOA DLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ652
Instrument ID: TQ05
GC Column:RTX502.2ID:0.52mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10I043
BFB Injection Date : 08/21/10
BFB Injection Time : 08:48
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.44
75	30.0 - 60.0% of mass 95	44.56
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.09
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	71.79
175	5.0 - 9.0% of mass 174	5.44(7.6)1
176	95.0 - 101.0% of mass 174	71.48(99.6)1
177	5.0 - 9.0% of mass 176	4.77(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VST0010	IV005H2002	RHQ653	08/21/10	09:17

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T005
Beginning DateTime :08/20/10 17:43
Spike Units :PPB
IC File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/20/10 22:41
HPChem Method :V005H20

N	IDX	Parameters	.5 17:43 RHQ637	.5 18:13 RHQ638	1 18:43 RHQ639	2 19:14 RHQ640	5 19:43 RHQ641	10 20:13 RHQ642	20 20:43 RHQ643	30 21:13 RHQ644	40 21:42 RHQ645	50 22:12 RHQ646	100 22:41 RHQ647	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1948
	2	Dichlorodifluoromethane	0.301	0.355	0.287	0.358	0.367	0.362	0.371	0.403	0.378	0.405	0.386	0.361	10.32	2.0234
	3	Chloromethane	0.351	0.475	0.397	0.481	0.508	0.486	0.489	0.545	0.501	0.553	0.557	0.486	13.02	2.2995
	4	Vinyl chloride	0.292	0.408	0.338	0.404	0.416	0.369	0.349	0.373	0.340	0.375	0.340	0.364	10.19	2.4281
	5	Bromomethane	0.268	0.275	0.229	0.234	0.253	0.262	0.281	0.321	0.297	0.344	0.339	0.282	13.96	2.9574
	6	Chloroethane	0.229	0.307	0.256	0.307	0.317	0.315	0.318	0.343	0.325	0.351	0.331	0.309	11.69	3.0549
	7	Dichlorofluoromethane	0.743	0.727	0.773	0.777	0.836	0.808	0.821	0.870	0.841	0.878	0.884	0.814	6.60	3.1036
	8	Trichlorofluoromethane	0.352	0.453	0.370	0.471	0.495	0.483	0.488	0.525	0.500	0.530	0.528	0.472	12.72	3.3784
	9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	10	Acrolein	------	0.013	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.012	5.74	3.8705
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.177	0.179	0.190	0.188	0.214	0.207	0.213	0.219	0.214	0.219	0.213	0.203	8.01	3.9294
5	12	Acetone	------	0.044	0.034	0.033	0.033	0.032	0.033	0.033	0.034	0.036	0.036	0.035	9.97	3.9479
	13	1,1-Dichloroethene	0.453	0.451	0.471	0.470	0.513	0.501	0.504	0.522	0.511	0.526	0.525	0.495	5.81	4.1243
5	14	tert-Butyl alcohol	------	------	0.009	0.011	0.013	0.012	0.011	0.013	0.012	0.013	0.013	0.012	11.33	4.2185
	15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	------	------	0.138	0.238	0.345	0.371	0.415	0.446	0.436	0.458	0.410	0.362	29.80	4.5047
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Methylene chloride	0.470	0.439	0.412	0.405	0.401	0.383	0.393	0.407	0.389	0.404	0.400	0.409	6.06	4.7158
	19	Carbon disulfide	------	1.117	1.069	1.338	1.375	1.283	1.333	1.460	1.416	1.561	1.501	1.345	11.69	4.7445
5	20	Acrylonitrile	0.044	0.038	0.042	0.047	0.048	0.048	0.051	0.051	0.052	0.056	0.057	0.049	11.67	4.8539
	21	tert-Butyl methyl ether (MTBE)	0.537	0.468	0.459	0.513	0.544	0.516	0.528	0.536	0.528	0.552	0.541	0.520	5.83	4.9311
	22	trans-1,2-Dichloroethene	0.447	0.458	0.476	0.475	0.517	0.501	0.504	0.520	0.514	0.526	0.512	0.495	5.41	5.1057
	23	Isopropyl ether (DIPE)	1.024	0.943	0.933	0.985	1.060	1.016	1.026	1.054	1.042	1.076	1.063	1.020	4.71	5.5213
	24	Vinyl acetate	------	0.275	0.226	0.339	0.364	0.356	0.337	0.355	0.335	0.362	0.340	0.329	13.46	5.6409
	25	1,1-Dichloroethane	0.500	0.499	0.534	0.539	0.571	0.572	0.561	0.598	0.586	0.599	0.591	0.559	6.51	5.6513
5	26	2-Butanol	------	------	------	0.009	0.009	0.009	0.009	0.011	0.010	0.012	0.011	0.010	11.51	5.9399
	27	tert-Butyl ethyl ether (ETBE)	0.693	0.659	0.700	0.776	0.818	0.791	0.798	0.823	0.801	0.834	0.836	0.776	8.00	6.0560
5	28	2-Butanone	0.058	0.046	0.050	0.056	0.058	0.057	0.058	0.058	0.059	0.064	0.065	0.057	9.58	6.1900
	29	2,2-Dichloropropane	0.409	0.389	0.426	0.415	0.446	0.428	0.414	0.425	0.412	0.416	0.406	0.417	3.49	6.3972
	30	cis-1,2-Dichloroethene	0.301	0.302	0.320	0.323	0.349	0.337	0.342	0.355	0.345	0.359	0.354	0.335	6.17	6.4499
	31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	32	Chloroform	0.455	0.460	0.467	0.470	0.511	0.495	0.499	0.522	0.510	0.527	0.520	0.494	5.37	6.6638
	33	Bromochloromethane	0.188	0.172	0.182	0.206	0.215	0.204	0.211	0.218	0.211	0.216	0.209	0.203	7.55	6.8736
	34	Dibromofluoromethane	------	------	------	0.303	0.323	0.304	0.319	0.337	0.325	0.350	0.332	0.324	5.01	6.9487
	35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	1,1,1-Trichloroethane	0.380	0.410	0.422	0.420	0.460	0.438	0.443	0.457	0.447	0.458	0.450	0.435	5.69	7.2161
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	0.097	0.100	0.100	0.116	0.126	0.124	0.126	0.132	0.126	0.132	0.129	0.119	11.32	7.6073
	39	1,2-Dichloroethane-d4	------	------	------	0.210	0.221	0.208	0.217	0.227	0.218	0.236	0.224	0.220	4.17	7.6337
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.9206
	41	1,1-Dichloropropene	0.190	0.187	0.196	0.196	0.213	0.206	0.202	0.212	0.202	0.204	0.198	0.200	4.14	7.4395
	42	Carbon tetrachloride	0.429	0.445	0.449	0.462	0.488	0.473	0.469	0.491	0.464	0.472	0.460	0.464	3.90	7.5762
	43	1,2-Dichloroethane	0.275	0.282	0.287	0.302	0.321	0.310	0.306	0.318	0.300	0.306	0.303	0.301	4.72	7.7657
	44	Benzene	1.652	1.612	1.487	1.448	1.513	1.465	1.439	1.509	1.455	1.477	1.463	1.502	4.59	7.7996
	45	Trichloroethene	0.375	0.399	0.425	0.413	0.448	0.442	0.433	0.451	0.435	0.444	0.435	0.427	5.46	8.6795
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.339	0.324	0.327	0.330	0.354	0.345	0.341	0.356	0.343	0.352	0.347	0.342	3.18	8.9258
	48	Bromodichloromethane	0.386	0.362	0.391	0.393	0.419	0.413	0.412	0.438	0.412	0.430	0.433	0.408	5.63	9.2629
20	49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.20	9.2846
	50	Dibromomethane	0.129	0.140	0.132	0.145	0.154	0.149	0.156	0.162	0.153	0.158	0.158	0.149	7.39	9.3360
	51	2-Chloroethyl vinyl ether	------	------	0.077	0.083	0.101	0.095	0.101	0.111	0.102	0.114	0.114	0.100	13.07	9.7247
5	52	4-Methyl-2-pentanone	0.151	0.149	0.156	0.167	0.175	0.174	0.177	0.177	0.176	0.190	0.187	0.171	7.96	9.7773
	53	cis-1,3-Dichloropropene	0.441	0.441	0.454	0.470	0.512	0.504	0.493	0.518	0.491	0.510	0.514	0.486	6.08	10.0900
	54	Toluene-d8	------	------	------	1.140	1.221	1.165	1.200	1.316	1.236	1.337	1.267	1.235	5.59	10.4797
	55	Toluene	1.302	1.315	1.352	1.325	1.449	1.402	1.409	1.509	1.438	1.494	1.500	1.409	5.45	10.6044
	56	Ethyl methacrylate	0.241	0.240	0.232	0.254	0.272	0.264	0.266	0.281	0.263	0.279	0.274	0.261	6.38	10.8711
	57	trans-1,3-Dichloropropene	0.314	0.297	0.308	0.335	0.371	0.366	0.363	0.384	0.361	0.382	0.381	0.351	9.08	10.8697
	58	1,1,2-Trichloroethane	0.188	0.183	0.178	0.187	0.203	0.195	0.195	0.208	0.196	0.205	0.205	0.195	5.14	11.1188
5	59	2-Hexanone	0.099	0.084	0.084	0.100	0.107	0.106	0.109	0.110	0.111	0.118	0.114	0.104	10.70	11.1445
	60	1,3-Dichloropropane	0.316	0.304	0.311	0.349	0.362	0.354	0.354	0.374	0.355	0.375	0.372	0.348	7.45	11.5222
	61	Tetrachloroethene	0.275	0.273	0.272	0.277	0.304	0.295	0.294	0.314	0.298	0.309	0.305	0.292	5.25	11.6549
	62	Dibromochloromethane	0.219	0.224	0.238	0.258	0.281	0.277	0.284	0.305	0.286	0.302	0.302	0.271	11.54	11.9446
	63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

SC 9/24/10

64	1,2-Dibromoethane	0.181	0.179	0.189	0.197	0.217	0.212	0.213	0.230	0.214	0.225	0.222	0.207	8.54	12.2776
65	1-Chlorohexane	0.606	0.597	0.559	0.575	0.662	0.652	0.652	0.690	0.664	0.680	0.669	0.637	7.04	12.5930
66	Chlorobenzene	0.861	0.860	0.875	0.865	0.955	0.938	0.928	0.992	0.952	0.984	0.969	0.925	5.52	12.9896
67	1,1,1,2-Tetrachloroethane	0.275	0.274	0.284	0.285	0.318	0.313	0.315	0.338	0.323	0.337	0.327	0.308	7.87	13.0641
68	Ethylbenzene	1.444	1.530	1.527	1.527	1.685	1.667	1.679	1.769	1.721	1.747	1.686	1.635	6.61	13.0898
2 69	m-Xylene & p-Xylene	1.125	1.125	1.162	1.159	1.269	1.258	1.262	1.343	1.287	1.313	------	1.230	6.52	13.2231
70	o-Xylene	1.057	1.097	1.130	1.128	1.246	1.231	1.218	1.287	1.243	1.267	1.240	1.195	6.47	13.9626
71	Styrene	0.808	0.843	0.858	0.886	1.015	0.994	0.983	1.050	1.011	1.026	1.015	0.954	9.08	14.0167
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7774
73	Bromoform	0.384	0.334	0.361	0.392	0.446	0.443	0.454	0.499	0.473	0.487	0.468	0.431	12.64	14.5677
74	Isopropylbenzene	4.830	5.002	4.969	4.975	5.573	5.433	5.461	5.957	5.637	5.712	5.414	5.360	6.81	14.5947
75	1,1,2,2-Tetrachloroethane	0.661	0.660	0.651	0.689	0.742	0.733	0.729	0.792	0.737	0.762	0.723	0.716	6.35	14.8668
76	4-Bromofluorobenzene	1.540	1.357	1.336	1.284	1.380	1.305	1.368	1.506	1.413	1.510	1.344	1.395	6.23	15.0076
77	1,2,3-Trichloropropane	------	0.156	0.156	0.169	0.192	0.182	0.191	0.201	0.189	0.196	0.186	0.182	8.80	15.1244
78	trans-1,4-Dichloro-2-butene	------	0.154	0.161	0.170	0.185	0.190	0.192	0.211	0.196	0.200	------	0.184	10.34	15.2541
79	n-Propylbenzene	5.863	6.118	6.054	6.047	6.830	6.749	6.706	7.291	6.930	7.095	------	6.568	7.67	15.3003
80	Bromobenzene	0.988	0.960	0.994	0.991	1.091	1.073	1.097	1.181	1.120	1.155	------	1.065	7.26	15.3390
81	1,3,5-Trimethylbenzene	3.692	3.864	3.876	3.848	4.325	4.260	4.184	4.523	4.333	4.434	4.151	4.135	6.63	15.5858
82	2-Chlorotoluene	3.834	3.678	3.650	3.746	4.062	4.045	4.028	4.277	4.105	4.155	4.026	3.964	5.19	15.5871
83	4-Chlorotoluene	3.176	3.341	3.265	3.282	3.578	3.474	3.462	3.808	3.616	3.772	3.398	3.470	5.93	15.6765
84	tert-Butylbenzene	0.829	0.850	0.820	0.822	0.977	0.956	0.950	1.018	0.974	0.996	0.947	0.922	8.20	16.2152
85	1,2,4-Trimethylbenzene	3.712	3.661	3.660	3.703	4.135	4.083	4.063	4.360	4.206	4.317	4.097	4.002	6.74	16.2802
86	sec-Butylbenzene	5.064	5.282	5.055	5.215	6.065	5.939	5.915	6.344	6.139	6.254	5.810	5.735	8.51	16.5983
87	p-Isopropyltoluene	4.104	4.151	3.915	4.170	4.819	4.745	4.720	5.031	4.892	4.965	4.719	4.567	8.73	16.8515
88	1,3-Dichlorobenzene	1.776	1.859	1.833	1.827	2.074	2.046	2.057	2.237	2.132	2.199	2.093	2.012	7.99	16.9828
89	1,4-Dichlorobenzene	1.778	1.835	1.714	1.760	1.986	1.984	1.987	2.121	2.049	2.109	2.012	1.940	7.39	17.1736
90	Benzyl Chloride	0.826	0.782	0.829	0.900	1.040	1.018	0.989	1.058	0.981	1.014	0.955	0.945	10.14	17.3767
91	n-Butylbenzene	3.724	3.677	3.489	3.666	4.310	4.286	4.241	4.521	4.411	4.503	4.233	4.097	9.25	17.5933
92	1,2-Dichlorobenzene	1.492	1.476	1.431	1.485	1.645	1.629	1.655	1.763	1.698	1.750	1.654	1.607	7.25	17.8248
93	1,2-Dibromo-3-chloropropane	------	------	0.068	0.087	0.094	0.095	0.098	0.106	0.103	0.108	0.106	0.096	13.00	18.9533
94	1,2,4-Trichlorobenzene	0.747	0.758	0.719	0.802	0.953	0.963	0.981	1.034	1.020	1.066	0.986	0.912	14.10	19.9352
95	Hexachlorobutadiene	0.522	0.580	0.507	0.508	0.631	0.619	0.619	0.644	0.636	0.664	0.616	0.595	9.58	20.0922
96	Naphthalene	------	1.168	1.051	1.201	1.432	1.446	1.507	1.589	1.586	1.681	1.585	1.425	14.94	20.1844
97	1,2,3-Trichlorobenzene	0.568	0.589	0.550	0.613	0.723	0.740	0.752	0.767	0.780	0.799	0.731	0.692	13.38	20.4401

Spike Amount = Nominal Amount * M
Ave_%RSD : 8.3 Max_%RSD : 29.8

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = x0 + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
16	Iodomethane	-0.03378	0.43470	0.9985

5/24/16

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TQ05
IC Beginning DateTime :08/20/10 17:43
SpTke Amount :10 PPB
CE/CV File :RHQ653
IC File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :08/20/10 22:41
HPChem Method :VQ05H20
Date_Time :08/21/10 09:17

M	IDX	Parameters	CC_Con	CC% D	CC_Resp	CCRRF	AVRRF	CC_Rtm	AVRtm	% RSD	Co XU	Co X1	Co X2	Co Con
	1	1,4-DIFLUOROBENZENE	10.000	0	1347929	1	1	8.181	8.195	0				
	2	Dichlorodifluoromethane	10.247	2.5	498658	0.370	0.361	2.016	2.023	10.32				
	3	Chloromethane	10.044	0.4	696448	0.517	0.486	2.299	2.286	13.03				
	4	Vinyl chloride	10.621	6.2	521087	0.387	0.364	2.418	2.428	10.19				
	5	Bromomethane	9.273	-7.3	352443	0.261	0.282	2.954	2.957	13.96				
	6	Chloroethane	10.441	4.4	434987	0.323	0.309	3.059	3.055	11.69				
	7	Dichlorofluoromethane	9.826	-1.7	1078650	0.800	0.814	3.103	3.104	6.60				
	8	Trichlorofluoromethane	10.248	2.5	652531	0.484	0.472	3.371	3.378	12.72				
	9	sec-Propyl alcohol												
5	10	Acrolein	46.204	-7.6	75164	0.011	0.012	3.863	3.871	5.74				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	10.863	8.6	297150	0.220	0.203	3.922	3.929	8.01				
5	12	Acetone	45.480	-9.0	213472	0.032	0.035	3.937	3.948	9.97				
	13	1,1-Dichloroethene	9.206	-7.9	614580	0.456	0.495	4.116	4.124	5.81				
5	14	tert-Butyl alcohol	44.272	-11.5	70724	0.010	0.012	4.205	4.219	11.33				
	15	Acetonitrile												
	16	Iodomethane	8.393	-16.1	446243	0.331	0.362	4.488	4.505	29.80	-0.0338	0.4347		0.9985
	17	Methyl acetate												
	18	Methylene chloride	9.287	-7.1	512319	0.380	0.409	4.712	4.716	6.06				
	19	Carbon disulfide	9.662	-5.4	1752293	1.300	1.345	4.741	4.745	11.69				
6	20	Acrylonitrile	56.777	-5.4	141953	0.046	0.049	4.846	4.854	11.67				
	21	tert-Butyl methyl ether (MTBE)	8.889	-11.1	922243	0.692	0.520	4.920	4.931	5.03				
	22	trans-1,2-Dichloroethene	8.694	-13.1	580679	0.431	0.495	5.099	5.106	5.41				
	23	Isopropyl ether (DIPE)	9.381	-6.2	1289936	0.957	1.020	5.516	5.521	4.71				
	24	Vinyl acetate	9.381	-6.2	415886	0.309	0.359	5.635	5.641	13.46				
	25	1,1-Dichloroethane	10.445	4.3	785805	0.583	0.559	5.836	5.851	9.21				
5	26	2-Butanone	43.619	-12.8	58206	0.009	0.010	5.918	5.940	11.51				
	27	tert-Butyl ethyl ether (ETBE)	9.314	-6.9	973709	0.722	0.776	6.052	6.056	8.00				
5	28	2-Butanone	47.840	-4.3	369363	0.055	0.057	6.171	6.180	8.58				
	29	2,2-Dichloropropane	11.025	10.2	619609	0.460	0.417	6.324	6.367	3.79				
	30	cis-1,2-Dichloroethene	9.765	-2.3	441188	0.327	0.335	6.439	6.450	6.17				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	10.561	5.6	703494	0.522	0.494	6.647	6.664	5.37				
	33	Bromochloromethane	9.697	-3.0	265117	0.197	0.203	6.871	6.872	7.66				
	34	Dibromofluoromethane	10.027	0.3	438202	0.325	0.324	6.945	6.949	5.01				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	9.982	-0.2	585338	0.434	0.435	7.213	7.216	5.69				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.144	-8.6	146435	0.109	0.119	7.600	7.607	11.32				
	39	1,2-Dichloroethane-d4	9.614	-3.9	285239	0.212	0.220	7.615	7.634	4.17				
	40	CHLOROBENZENE-D5	10.000	0	1109857	1	1	12.916	12.921	0				
	41	1,1-Dichloropropene	9.219	-7.8	205088	0.185	0.200	7.437	7.439	4.14				
	42	Carbon tetrachloride	9.733	-2.7	501000	0.431	0.464	7.571	7.576	3.90				
	43	1,2-Dichloroethane	9.612	-3.9	321012	0.289	0.301	7.749	7.766	4.72				
	44	Benzene	9.035	-9.6	1506750	1.358	1.502	7.794	7.800	4.59				
	45	Trichloroethene	9.580	-4.2	454433	0.409	0.427	8.672	8.679	5.46				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.104	1.0	383066	0.345	0.342	8.911	8.926	3.18				
	48	Bromodichloromethane	9.636	-3.6	436707	0.393	0.408	9.253	9.263	5.63				
20	49	1,4-Dioxane	186.232	-6.9	37404	0.001	0.001	9.568	9.585	10.50				
	50	Dibromomethane	9.411	-5.9	155544	0.140	0.149	9.328	9.336	7.39				
	51	2-Chloroethyl vinyl ether												
5	52	4-Methyl-2-pentanone	44.500	-11.0	843755	0.152	0.171	9.759	9.777	7.96				
	53	cis-1,3-Dichloropropene	9.604	-4.0	518185	0.467	0.486	10.072	10.090	6.08				
	54	Toluene-d8	10.096	1.0	1342005	1.247	1.233	10.474	10.480	2.59				
	55	Toluene	9.472	-5.3	1480930	1.334	1.409	10.593	10.604	5.45				
	56	Ethyl methacrylate	9.168	-8.0	266038	0.240	0.261	10.861	10.871	6.38				
	57	trans-1,3-Dichloropropene	10.049	0.5	391709	0.353	0.351	10.861	10.870	5.08				
	58	1,1,2-Trichloroethane	9.378	-6.2	302842	0.183	0.185	11.100	11.119	5.14				
5	59	2-Hexanone	48.214	-3.6	555733	0.100	0.104	11.129	11.144	10.70				
	60	1,3-Dichloropropane	9.560	-4.4	368858	0.332	0.348	11.517	11.522	7.45				
	61	Tetrachloroethene	9.420	-5.8	305615	0.275	0.292	11.636	11.655	5.25				
	62	Dibromochloromethane	9.739	-2.6	292423	0.263	0.271	11.934	11.945	11.54				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	9.353	-6.5	215107	0.194	0.207	12.261	12.278	8.54				
	65	1-Chlorohexane	8.669	-10.3	633975	0.571	0.637	12.574	12.593	7.04				
	66	Chlorobenzene	9.977	-0.2	1024552	0.923	0.925	12.976	12.990	5.52				
	67	1,1,1,2-Tetrachloroethane	10.146	1.5	342694	0.313	0.308	13.050	13.064	7.87				
	68	Ethylbenzene	9.836	-1.6	1784675	1.608	1.635	13.080	13.090	6.61				
2	69	m-Xylene & p-Xylene	19.621	-1.9	2679282	1.207	1.230	13.214	13.223	6.52				
	70	o-Xylene	9.887	-1.1	1311154	1.181	1.155	13.844	13.853	6.47				
	71	Styrene	10.133	1.3	1072468	0.966	0.954	14.003	14.017	9.08				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	304122	1	1	17.771	17.777	0				
	73	Bromoform	10.159	1.6	133195	0.438	0.431	14.554	14.568	12.64				
	74	Isopropylbenzene	11.155	11.5	1818478	5.979	5.360	14.584	14.595	6.81				
	75	1,1,2,2-Tetrachloroethane	10.062	0.6	219160	0.721	0.716	14.852	14.867	6.35				
	76	4-Bromofluorobenzene	10.444	4.4	443043	1.457	1.395	15.001	15.008	6.23				
	77	1,2,3-Trichloropropane	10.374	3.7	57330	0.189	0.182	15.120	15.124	8.80				
	78	trans-1,4-Dichloro-2-butene	10.603	6.0	59445	0.195	0.184	15.239	15.254	10.34				
	79	n-Propylbenzene	10.828	8.3	2163096	7.113	6.568	15.384	15.400	6.67				
	80	Bromobenzene	10.541	5.4	341458	1.122	1.062	15.322	15.339	7.28				
	81	1,3,5-Trimethylbenzene	10.650	6.5	1339513	4.405	4.135	15.567	15.586	6.63				
	82	2-Chlorotoluene	10.871	8.7	1310614	4.310	3.964	15.582	15.587	5.19				
	83	4-Chlorotoluene	10.345	3.5	1091811	3.590	3.370	15.671	15.677	5.93				
	84	tert-Butylbenzene	11.036	10.4	302410	1.017	0.932	15.207	15.215	6.26				
	85	1,2,4-Trimethylbenzene	10.468	4.7	1273963	4.189	4.002	15.267	15.280	5.74				
	86	sec-Butylbenzene	11.006	10.1	1919708	6.312	5.735	15.594	15.598	8.51				
	87	p-Isopropyltoluene	11.133	11.3	1546255	5.084	4.567	15.847	15.851	8.73				
	88	1,3-Dichlorobenzene	10.439	4.4	638785	2.100	2.012	15.967	15.983	5.98				
	89	1,4-Dichlorobenzene	10.466	4.7	626817	2.061	1.940	17.160	17.174	7.39				
	90	Benzyl Chloride	10.784	7.5	308139	1.013	0.945	17.369	17.377	10.14				
	91	n-Butylbenzene	11.190	11.6	1394095	4.584	4.097	17.577	17.593	9.25				
	92	1,2-Dichlorobenzene	10.401	4.0	508330	1.671	1.607	17.815	17.835	7.55				
	93	1,2-Dibromo-3-chloropropane	9.100	-9.0	26580	0.087	0.096	18.247	18.253	13.00				
	94	1,2,4-Trichlorobenzene	11.194	11.9	310395	1.021	0.912	19.930	19.935	14.10				
	95	Hexachlorobutadiene	10.964	9.6	198462	0.653	0.595	20.079	20.092	9.58				
	96	Naphthalene	9.581	-4.2	415103	1.365	1.435	20.168	20.184	14.82				
	97	1,2,3-Trichlorobenzene	10.156	1.6	213696	0.703	0.692	20.436	20.440	13.38				

Spike Amount = Nominal Amount * M

8/24/10

DAILY CALIBRATIONS

2025

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIQ220
Instrument ID: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101043
BFB Injection Date : 09/07/10
BFB Injection Time : 20:32
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.21
75	30.0 - 60.0% of mass 95	41.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.82
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	73.50
175	5.0 - 9.0% of mass 174	5.47(7.4)1
176	95.0 - 101.0% of mass 174	70.86(96.4)1
177	5.0 - 9.0% of mass 176	4.61(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CVQ05H2028	RIQ221	09/07/10	21:02
2	MBLK1W	VQ05I11B	RIQ225	09/07/10	23:02
3	LCS1W	VQ05I11L	RIQ222	09/07/10	21:32
4	LCD1W	VQ05I11C	RIQ223	09/07/10	22:02
5	IR-09/02/10	1043-06	RIQ226	09/07/10	23:32
6	MW-70-PMW03B-A10	1043-03	RIQ235	09/08/10	04:01
7	MW-70-PMW02A-A10	1043-04	RIQ236	09/08/10	04:31
8	MW-70-PMW02B-A10	1043-05	RIQ237	09/08/10	05:00

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101043
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1360659	8.19	1115899	12.92	329623	17.78
UPPER LIMIT	2721318	8.69	2231798	13.42	659246	18.28
LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
SAMPLE ID						
1 VSTD010	1543573	8.20	1256890	12.92	354168	17.77
2 MBLK1W	1488696	8.18	1319773	12.92	361408	17.77
3 LCS1W	1599553	8.18	1250082	12.92	541590	17.77
4 LCD1W	1668649	8.19	1332824	12.92	366884	17.78
5 T8-09/02/10	1647603	8.18	1316819	12.92	363420	17.77
6 MW-70-PMW03B-A10	1655502	8.19	1331973	12.93	375900	17.78
7 MW-70-PMW02A-A10	1607110	8.19	1276739	12.92	353689	17.78
8 MW-70-PMW02B-A10	1638680	8.19	1313090	12.91	359071	17.77

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	8.851	11.5	100	0.00
3	P,T	Chloromethane	10.000	9.136	8.6	104	0.00
4	C,T	Vinyl chloride	10.000	8.965	10.4	100	0.00
5	T	Bromomethane	10.000	6.693	33.1#	82	0.00
6	T	Chloroethane	10.000	10.227	-2.3	114	0.00
7	T	Dichlorofluoromethane	10.000	10.007	-0.1	114	0.00
8	T	Trichlorofluoromethane	10.000	9.450	5.5	105	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	31.079	37.8#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.944	10.6	100	0.00
12	T	Acetone	50.000	50.623	-1.2	125	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.353	6.5	105	0.00
14	T	tert-Butyl alcohol	50.000	51.155	-2.3	117	0.00
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	6.184	38.2#	72	0.00
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.406	-4.1	126	0.00
19	T	Carbon disulfide	10.000	9.977	0.2	119	0.00
20	T	Acrylonitrile	50.000	57.599	-15.2	132	0.00
21	T	tert-Butyl methyl ether (MT	10.000	10.080	-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.423	5.8	106	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.453	-14.5	131	0.00
24	T	Vinyl acetate	10.000	11.249	-12.5	118	0.00
25	P,T	1,1-Dichloroethane	10.000	10.678	-6.8	118	0.00
26	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
27	T	tert-Butyl ethyl ether (ETB	10.000	10.680	-6.8	119	0.00
28	T	2-Butanone	50.000	56.631	-13.3	129	0.00
29	T	2,2-Dichloropropane	10.000	9.702	3.0	107	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.097	-1.0	114	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	10.217	-2.2	116	0.00
33	T	Bromochloromethane	10.000	11.477	-14.8	130	0.00
34	S	Dibromofluoromethane	10.000	10.024	-0.2	121	0.00
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.606	3.9	108	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	10.156	-1.6	111	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.387	-3.9	125	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	113	0.00

(#) = Out of Range

2028

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.674	3.3	106	0.00
42	T	Carbon tetrachloride	10.000	9.039	9.6	100	0.00
43	T	1,2-Dichloroethane	10.000	10.655	-6.5	116	0.00
44	T,M	Benzene	10.000	9.448	5.5	109	0.00
45	T,M	Trichloroethene	10.000	9.057	9.4	99	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.241	-12.4	125	0.00
48	T	Bromodichloromethane	10.000	10.091	-0.9	112	0.00
49	T	1,4-Dioxane	200.000	206.999	-3.5	119	0.00
50	T	Dibromomethane	10.000	10.527	-5.3	118	0.00
51	T	2-Chloroethyl vinyl ether	10.000	6.417	35.8#	76	0.00
52	T	4-Methyl-2-pentanone	50.000	56.568	-13.1	125	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.813	1.9	107	0.00
54	S	Toluene-d8	10.000	10.358	-3.6	124	0.00
55	C,T,M	Toluene	10.000	9.661	3.4	109	0.00
56	T	Ethyl methacrylate	10.000	10.424	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.780	2.2	106	0.00
58	T	1,1,2-Trichloroethane	10.000	10.941	-9.4	123	0.00
59	T	2-Hexanone	50.000	57.043	-14.1	126	0.00
60	T	1,3-Dichloropropane	10.000	10.657	-6.6	118	0.00
61	T	Tetrachloroethene	10.000	8.641	13.6	97	0.00
62	T	Dibromochloromethane	10.000	9.212	7.9	101	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	10.259	-2.6	113	0.00
65	T	1-Chlorohexane	10.000	9.542	4.6	105	0.00
66	P,M	Chlorobenzene	10.000	9.911	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.276	7.2	103	0.00
68	C,T	Ethylbenzene	10.000	9.698	3.0	107	0.00
69	T	m-Xylene & p-Xylene	20.000	19.357	3.2	107	0.00
70	T	o-Xylene	10.000	9.812	1.9	107	0.00
71	T	Styrene	10.000	10.090	-0.9	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	107	0.00
73	P,T	Bromoform	10.000	9.360	6.4	98	0.00
74	T	Isopropylbenzene	10.000	10.224	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	11.380	-13.8	119	0.00
76	S	4-Bromofluorobenzene	10.000	10.498	-5.0	121	0.00
77	T	1,2,3-Trichloropropane	10.000	11.328	-13.3	122	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	10.548	-5.5	110	0.00
79	T	n-Propylbenzene	10.000	10.363	-3.6	108	0.01
80	T	Bromobenzene	10.000	9.686	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.076	-0.8	105	0.00
82	T	2-Chlorotoluene	10.000	10.230	-2.3	108	0.00
83	T	4-Chlorotoluene	10.000	10.079	-0.8	108	0.00
84	T	tert-Butylbenzene	10.000	9.850	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.030	-0.3	106	0.00
86	T	sec-Butylbenzene	10.000	10.319	-3.2	107	0.00
87	T	p-Isopropyltoluene	10.000	9.696	3.0	100	0.00
88	T	1,3-Dichlorobenzene	10.000	9.670	3.3	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.667	3.3	102	0.00
90	T	Benzyl Chloride	10.000	8.603	14.0	86	0.00
91	T	n-Butylbenzene	10.000	10.004	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	10.000	9.698	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	8.803	12.0	96	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.484	5.2	96	0.00
95	T	Hexachlorobutadiene	10.000	8.597	14.0	89	0.00
96	T	Naphthalene	10.000	8.475	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.274	7.3	93	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.320	11.4	100	0.00
3	P,T	Chloromethane	0.486	0.444	8.6	104	0.00
4	C,T	Vinyl chloride	0.364	0.326	10.4	100	0.00
5	T	Bromomethane	0.282	0.189	33.0#	82	0.00
6	T	Chloroethane	0.309	0.316	-2.3	114	0.00
7	T	Dichlorofluoromethane	0.814	0.815	-0.1	114	0.00
8	T	Trichlorofluoromethane	0.472	0.446	5.5	105	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.008	33.3#	71	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	100	0.00
12	T	Acetone	0.035	0.035	0.0	125	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	105	0.00
14	T	tert-Butyl alcohol	0.012	0.012	0.0	117	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.235	35.1#	72	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.426	-4.2	126	0.00
19	T	Carbon disulfide	1.345	1.342	0.2	119	0.00
20	T	Acrylonitrile	0.049	0.056	-14.3	132	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.524	-0.8	115	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.467	5.7	106	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.168	-14.5	131	0.00
24	T	Vinyl acetate	0.329	0.370	-12.5	118	0.00
25	P,T	1,1-Dichloroethane	0.559	0.597	-6.8	118	0.00
26	T	2-Butanol	0.010	0.000	100.0#	0#	-5.94#
27	T	tert-Butyl ethyl ether (ETB	0.776	0.828	-6.7	119	0.00
28	T	2-Butanone	0.057	0.065	-14.0	129	0.00
29	T	2,2-Dichloropropane	0.417	0.405	2.9	107	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.338	-0.9	114	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.505	-2.2	116	0.00
33	T	Bromochloromethane	0.203	0.233	-14.8	130	0.00
34	S	Dibromofluoromethane	0.324	0.325	-0.3	121	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.418	3.9	108	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.121	-1.7	111	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.229	-4.1	125	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.194	3.0	106	0.00
42	T	Carbon tetrachloride	0.464	0.419	9.7	100	0.00
43	T	1,2-Dichloroethane	0.301	0.321	-6.6	116	0.00
44	T,M	Benzene	1.502	1.419	5.5	109	0.00
45	T,M	Trichloroethene	0.427	0.387	9.4	99	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.384	-12.3	125	0.00
48	T	Bromodichloromethane	0.408	0.412	-1.0	112	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	119	0.00
50	T	Dibromomethane	0.149	0.157	-5.4	118	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.064	36.0#	76	0.00
52	T	4-Methyl-2-pentanone	0.171	0.193	-12.9	125	0.00
53	T	cis-1,3-Dichloropropene	0.486	0.477	1.9	107	0.00
54	S	Toluene-d8	1.235	1.279	-3.6	124	0.00
55	C,T,M	Toluene	1.409	1.361	3.4	109	0.00
56	T	Ethyl methacrylate	0.261	0.272	-4.2	116	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.343	2.3	106	0.00
58	T	1,1,2-Trichloroethane	0.195	0.213	-9.2	123	0.00
59	T	2-Hexanone	0.104	0.118	-13.5	126	0.00
60	T	1,3-Dichloropropane	0.348	0.370	-6.3	118	0.00
61	T	Tetrachloroethene	0.292	0.253	13.4	97	0.00
62	T	Dibromochloromethane	0.271	0.249	8.1	101	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.213	-2.9	113	0.00
65	T	1-Chlorohexane	0.637	0.608	4.6	105	0.00
66	P,M	Chlorobenzene	0.925	0.917	0.9	110	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.286	7.1	103	0.00
68	C,T	Ethylbenzene	1.635	1.585	3.1	107	0.00
69	T	m-Xylene & p-Xylene	1.230	1.191	3.2	107	0.00
70	T	o-Xylene	1.195	1.172	1.9	107	0.00
71	T	Styrene	0.954	0.962	-0.8	109	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	107	0.00
73	P,T	Bromoform	0.431	0.404	6.3	98	0.00
74	T	Isopropylbenzene	5.360	5.480	-2.2	108	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.815	-13.8	119	0.00
76	S	4-Bromofluorobenzene	1.395	1.464	-4.9	121	0.00
77	T	1,2,3-Trichloropropane	0.182	0.206	-13.2	122	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.194	-5.4	110	0.00
79	T	n-Propylbenzene	6.568	6.806	-3.6	108	0.01
80	T	Bromobenzene	1.065	1.032	3.1	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I07\RIQ221.D Vial: 2
Acq On : 7 Sep 2010 9:02 pm Operator: SD
Sample : CVO05H2028 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.167	-0.8	105	0.00
82	T	2-Chlorotoluene	3.964	4.055	-2.3	108	0.00
83	T	4-Chlorotoluene	3.470	3.498	-0.8	108	0.00
84	T	tert-Butylbenzene	0.922	0.908	1.5	102	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.014	-0.3	106	0.00
86	T	sec-Butylbenzene	5.735	5.918	-3.2	107	0.00
87	T	p-Isopropyltoluene	4.567	4.428	3.0	100	0.00
88	T	1,3-Dichlorobenzene	2.012	1.946	3.3	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.875	3.4	102	0.00
90	T	Benzyl Chloride	0.945	0.813	14.0	86	0.00
91	T	n-Butylbenzene	4.097	4.098	-0.0	103	0.00
92	T	1,2-Dichlorobenzene	1.607	1.558	3.0	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.085	11.5	96	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.865	5.2	96	0.00
95	T	Hexachlorobutadiene	0.595	0.512	13.9	89	0.00
96	T	Naphthalene	1.425	1.207	15.3	90	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.642	7.2	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIQ238
Instrument Id: T005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101043
BFB Injection Date : 09/08/10
BFB Injection Time : 13:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.99
75	30.0 - 60.0% of mass 95	42.40
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.55
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	75.36
175	5.0 - 9.0% of mass 174	5.66(7.5)1
176	95.0 - 101.0% of mass 174	71.90(95.4)1
177	5.0 - 9.0% of mass 176	4.66(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005H2029	RIQ239	09/08/10	13:44
2	MBLK2W	V0051128	RIQ243	09/08/10	15:43
3	LCS2W	V005112L	RIQ240	09/08/10	14:14
4	LCD2W	V005112C	RIQ241	09/08/10	14:44
5	MW-70-PMW03B-A10DL	1043-03T	RIQ250	09/08/10	19:12
6	MW-70-PMW02A-A10DL	1043-04T	RIQ251	09/08/10	19:43
7	MW-70-PMW02B-A10DL	1043-05T	RIQ252	09/08/10	20:13
8	IW-70-SAB06-A10	1043-01R	RIQ254	09/08/10	21:12
9	MW-70-PMW03A-A10	1043-02R	RIQ255	09/08/10	21:44

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101043
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1360659	8.19	1115899	12.92	329623	17.78
UPPER LIMIT	2721318	8.69	2231798	13.42	659246	18.28
LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
SAMPLE ID						
1 VSYD010	1531651	8.18	1225642	12.92	359195	17.77
2 MBLK2W	1484731	8.19	1379400	12.92	395744	17.78
3 LCS2W	1630648	8.19	1290576	12.92	364219	17.78
4 LCD2W	1688736	8.18	1320996	12.92	374703	17.77
5 MW-70-PMW03B-A10DL	1576565	8.18	1279656	12.92	352730	17.77
6 MW-70-PMW02A-A10DL	1587134	8.18	1262326	12.92	361159	17.77
7 MW-70-PMW02B-A10DL	1544254	8.19	1220919	12.92	327367	17.78
8 IW-70-SAB06-A10	1557745	8.19	1254113	12.92	358151	17.78
9 MW-70-PMW03A-A10	1570359	8.18	1265892	12.92	365776	17.77

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	11.038	-10.4	124	0.00
3	P,T	Chloromethane	10.000	11.359	-13.6	128	0.00
4	C,T	Vinyl chloride	10.000	10.660	-6.6	118	0.00
5	T	Bromomethane	10.000	8.088	19.1	98	0.00
6	T	Chloroethane	10.000	11.991	-19.9	132	-0.02
7	T	Dichlorofluoromethane	10.000	10.221	-2.2	116	0.00
8	T	Trichlorofluoromethane	10.000	10.753	-7.5	118	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
10	T	Acrolein	50.000	28.818	42.4#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.918	10.8	99	0.00
12	T	Acetone	50.000	47.936	4.1	118	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.355	6.4	104	0.00
14	T	tert-Butyl alcohol	50.000	47.257	5.5	108	0.00
15	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
16	T	Iodomethane	10.000	5.411	45.9#	61	-0.02
17	T	Methyl acetate	10.000	0.000	100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.685	-6.9	129	0.00
19	T	Carbon disulfide	10.000	10.220	-2.2	121	0.00
20	T	Acrylonitrile	50.000	53.059	-6.1	121	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.428	5.7	107	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.568	4.3	107	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.016	-10.2	125	0.00
24	T	Vinyl acetate	10.000	7.630	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	10.000	10.761	-7.6	118	-0.02
26	T	2-Butanol	50.000	45.702	8.6	110	0.00
27	T	tert-Butyl ethyl ether (ETB	10.000	10.083	-0.8	111	0.00
28	T	2-Butanone	50.000	51.911	-3.8	118	-0.02
29	T	2,2-Dichloropropane	10.000	10.238	-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.017	-0.2	112	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	0	0.00
32	C,T	Chloroform	10.000	9.962	0.4	112	-0.02
33	T	Bromochloromethane	10.000	11.282	-12.8	127	0.00
34	S	Dibromofluoromethane	10.000	9.803	2.0	118	0.00
35	T	Tetrahydrofuran	-1.000	0.000	0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.552	4.5	107	0.00
37	T	Cyclohexane	10.000	0.000	100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	9.578	4.2	104	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.059	-0.6	120	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.629	3.7	103	0.00
42	T	Carbon tetrachloride	10.000	9.267	7.3	100	0.00
43	T	1,2-Dichloroethane	10.000	10.463	-4.6	112	-0.02
44	T,M	Benzene	10.000	9.375	6.3	106	0.00
45	T,M	Trichloroethene	10.000	9.043	9.6	96	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.038	-10.4	120	-0.02
48	T	Bromodichloromethane	10.000	9.831	1.7	107	0.00
49	T	1,4-Dioxane	200.000	207.544	-3.8	117	0.00
50	T	Dibromomethane	10.000	10.430	-4.3	114	0.00
51	T	2-Chloroethyl vinyl ether	10.000	3.529	64.7#	41	0.00
52	T	4-Methyl-2-pentanone	50.000	51.502	-3.0	111	-0.02
53	T	cis-1,3-Dichloropropene	10.000	9.768	2.3	104	0.00
54	S	Toluene-d8	10.000	10.419	-4.2	121	0.00
55	C,T,M	Toluene	10.000	9.666	3.3	107	0.00
56	T	Ethyl methacrylate	10.000	9.705	2.9	105	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.498	5.0	100	0.00
58	T	1,1,2-Trichloroethane	10.000	10.456	-4.6	115	-0.02
59	T	2-Hexanone	50.000	53.139	-6.3	114	0.00
60	T	1,3-Dichloropropane	10.000	10.229	-2.3	110	0.00
61	T	Tetrachloroethene	10.000	8.796	12.0	96	0.00
62	T	Dibromochloromethane	10.000	8.867	11.3	95	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	9.756	2.4	105	-0.02
65	T	1-Chlorohexane	10.000	9.916	0.8	106	0.00
66	P,M	Chlorobenzene	10.000	9.877	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.113	8.9	99	0.00
68	C,T	Ethylbenzene	10.000	9.793	2.1	105	0.00
69	T	m-Xylene & p-Xylene	20.000	19.523	2.4	105	0.00
70	T	o-Xylene	10.000	9.978	0.2	106	0.00
71	T	Styrene	10.000	10.083	-0.8	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	109	0.00
73	P,T	Bromoform	10.000	8.613	13.9	91	0.00
74	T	Isopropylbenzene	10.000	10.220	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	10.599	-6.0	113	0.00
76	S	4-Bromofluorobenzene	10.000	10.085	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	10.000	10.448	-4.5	114	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	9.945	0.5	105	0.00
79	T	n-Propylbenzene	10.000	10.372	-3.7	110	0.00
80	T	Bromobenzene	10.000	9.356	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.125	-1.3	107	0.00
82	T	2-Chlorotoluene	10.000	10.345	-3.5	110	0.00
83	T	4-Chlorotoluene	10.000	9.960	0.4	108	0.00
84	T	tert-Butylbenzene	10.000	9.919	0.8	104	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.078	-0.8	108	0.00
86	T	sec-Butylbenzene	10.000	10.496	-5.0	110	0.00
87	T	p-Isopropyltoluene	10.000	9.953	0.5	104	0.00
88	T	1,3-Dichlorobenzene	10.000	9.559	4.4	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.593	4.1	102	0.00
90	T	Benzyl Chloride	10.000	8.619	13.8	87	0.00
91	T	n-Butylbenzene	10.000	10.459	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	10.000	9.557	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	7.993	20.1#	88	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.749	2.5	101	0.00
95	T	Hexachlorobutadiene	10.000	9.367	6.3	98	0.01
96	T	Naphthalene	10.000	8.209	17.9	88	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.593	4.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.399	-10.5	124	0.00
3	P,T	Chloromethane	0.486	0.552	-13.6	128	0.00
4	C,T	Vinyl chloride	0.364	0.388	-6.6	118	0.00
5	T	Bromomethane	0.282	0.228	19.1	98	0.00
6	T	Chloroethane	0.309	0.371	-20.1#	132	-0.02
7	T	Dichlorofluoromethane	0.814	0.832	-2.2	116	0.00
8	T	Trichlorofluoromethane	0.472	0.508	-7.6	118	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.007	41.7#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	99	0.00
12	T	Acetone	0.035	0.033	5.7	118	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	104	0.00
14	T	tert-Butyl alcohol	0.012	0.011	8.3	108	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.201	44.5#	61	-0.02
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.437	-6.8	129	0.00
19	T	Carbon disulfide	1.345	1.375	-2.2	121	0.00
20	T	Acrylonitrile	0.049	0.051	-4.1	121	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.490	5.8	107	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.474	4.2	107	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.124	-10.2	125	0.00
24	T	Vinyl acetate	0.329	0.251	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	0.559	0.602	-7.7	118	-0.02
26	T	2-Butanol	0.010	0.009	10.0	110	0.00
27	T	tert-Butyl ethyl ether (ETB	0.776	0.782	-0.8	111	0.00
28	T	2-Butanone	0.057	0.059	-3.5	118	-0.02
29	T	2,2-Dichloropropane	0.417	0.427	-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.336	-0.3	112	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.492	0.4	112	-0.02
33	T	Bromochloromethane	0.203	0.229	-12.8	127	0.00
34	S	Dibromofluoromethane	0.324	0.318	1.9	118	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.416	4.4	107	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.114	4.2	104	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.221	-0.5	120	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.193	3.5	103	0.00
42	T	Carbon tetrachloride	0.464	0.430	7.3	100	0.00
43	T	1,2-Dichloroethane	0.301	0.315	-4.7	112	-0.02
44	T,M	Benzene	1.502	1.408	6.3	106	0.00
45	T,M	Trichloroethene	0.427	0.386	9.6	96	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.377	-10.2	120	-0.02
48	T	Bromodichloromethane	0.408	0.401	1.7	107	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	117	0.00
50	T	Dibromomethane	0.149	0.155	-4.0	114	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.035	65.0#	41#	0.00
52	T	4-Methyl-2-pentanone	0.171	0.176	-2.9	111	-0.02
53	T	cis-1,3-Dichloropropene	0.486	0.475	2.3	104	0.00
54	S	Toluene-d8	1.235	1.287	-4.2	121	0.00
55	C,T,M	Toluene	1.409	1.362	3.3	107	0.00
56	T	Ethyl methacrylate	0.261	0.253	3.1	105	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.334	4.8	100	0.00
58	T	1,1,2-Trichloroethane	0.195	0.204	-4.6	115	-0.02
59	T	2-Hexanone	0.104	0.110	-5.8	114	0.00
60	T	1,3-Dichloropropane	0.348	0.356	-2.3	110	0.00
61	T	Tetrachloroethene	0.292	0.257	12.0	96	0.00
62	T	Dibromochloromethane	0.271	0.240	11.4	95	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.202	2.4	105	-0.02
65	T	1-Chlorohexane	0.637	0.631	0.9	106	0.00
66	P,M	Chlorobenzene	0.925	0.914	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.281	8.8	99	0.00
68	C,T	Ethylbenzene	1.635	1.601	2.1	105	0.00
69	T	m-Xylene & p-Xylene	1.230	1.201	2.4	105	0.00
70	T	o-Xylene	1.195	1.192	0.3	106	0.00
71	T	Styrene	0.954	0.961	-0.7	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	109	0.00
73	P,T	Bromoform	0.431	0.371	13.9	91	0.00
74	T	Isopropylbenzene	5.360	5.478	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.759	-6.0	113	0.00
76	S	4-Bromofluorobenzene	1.395	1.407	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	0.182	0.190	-4.4	114	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.183	0.5	105	0.00
79	T	n-Propylbenzene	6.568	6.813	-3.7	110	0.00
80	T	Bromobenzene	1.065	0.997	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.187	-1.3	107	0.00
82	T	2-Chlorotoluene	3.964	4.101	-3.5	110	0.00
83	T	4-Chlorotoluene	3.470	3.456	0.4	108	0.00
84	T	tert-Butylbenzene	0.922	0.914	0.9	104	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.033	-0.8	108	0.00
86	T	sec-Butylbenzene	5.735	6.019	-5.0	110	0.00
87	T	p-Isopropyltoluene	4.567	4.545	0.5	104	0.00
88	T	1,3-Dichlorobenzene	2.012	1.923	4.4	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.861	4.1	102	0.00
90	T	Benzyl Chloride	0.945	0.814	13.9	87	0.00
91	T	n-Butylbenzene	4.097	4.284	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	1.607	1.536	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.077	19.8	88	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.889	2.5	101	0.00
95	T	Hexachlorobutadiene	0.595	0.558	6.2	98	0.01
96	T	Naphthalene	1.425	1.169	18.0	88	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.664	4.0	98	0.00

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No. 0 ☐

Start Date: 8/20/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H200

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Color (conc)	Matrix S	Notes
01	RHQ636		RB05H20	2 mL	N/A	N/A	N/A		5:10 pm
02		637	V005H201	.5/125/.05/ .05/.05 mL					0.3 / 1.5 ppb
03		638	2	.25/125/.05/ .05/.05 mL					0.5 / 2.5
04		639	3	.5/125/.1/.1 mL					1.0 / 5.0
05		640	4	1/125/.2/.2 mL					2.0 / 10
06		641	5	2.5/125/.5/ .5/.5 mL					5.0 / 25
07		642	6	5/125/1/1 mL					10 / 50
08		643	7	10/125/2/2 mL					20 / 100
09		644	8	15/125/3/3 mL					30 / 150
10		645	9	20/125/4/4 mL					40 / 200
11		646	10	25/125/5/5 mL					50 / 250
12		647	11	50/125/10/10 mL					100 / 500
13		648	AS/SS						
14		649	~~V005H200~~ V005H200 8/24/10						8/24/10
15		650	V005H200/8	5/125/1 mL	N/A	N/A	N/A		10 / 50 / 60 (2:10 pm)
16		651	RINSE						
17									
18									
19									
20									
21									
22									
23									
24									
25									5/24/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20

STANDARDS

NAME	ID	CONC (ng/l)
DCC KFT-ACR-ACN	VV1-16-25-2	250
DCC 2-Butanone / CS2	-21-2 / -22-1	50/250 / 250
DCC Gases 2-Butanone	-20-2 / -19-1	250 / 1250
BFB	-24-2	50
IS/SURR IC / PS	-18-2 / -18-3	250 / 250
LCS KFT-ACR-ACN	-25-3	250
LCS 2-Butanone / CS2	CC-15--102-1	50/250
LCS Gases 2-Butanone	-26-1 / VV1-12-3 PS	250 / 1000
SOLVENT	ID	
METHANOL		
DATA FILE	10H20	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T005	

Comments: *Not valid for acrolein, 1,1,2-trichloro-1,2,2-trifluoroethane and 2-butanone verification

Analyzed By: [illegible]

Date Disposed: 8/21/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/21/12 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH VO05H200

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W D (ppm)	Matrix S	Notes
01		RHQ652	BMB25H31	2mL					5:45pm
02		653	IVO05H2082*	0.5ml/1.25L					
03		654	CVO05H2001	0.5ml/1.25L					
04		655	VOC5H31K	0.5ml/1.25L					
05		656	↓ C	↓					
06		657	RINSE	25mL					
07		658	VOC5H31B						
08		659	10H194-13		1.0	12	15		RR from ref. TB-12-04-20
09		660	-21			12	15		
10		661	10H221-08			12	15		Smax 8.0 ug/ml
11		662	-09			12	15		
12		663	10H230-05			12	15		TB-12-04-14
13		664	10H222-05			12	15		
14		665	-01			12	15		
15		666	-04			12	15		
16		667	-02			12	15		
17		668	-03			12	15		
18		669	-06			12	15		
19		670	10H230-01			12	15		
20		671	-02			12	15		
21		672	-03			12	15		
22		673	-04			12	15		
23		674	-04M			12	15		
24		675	-04S			12	15		8:38pm
25		676	RINSE						8/23/12

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/12
ICAL ID	VO05H20

STANDARDS

NAME	ID	Conc (mg/L)
DCC ACR-MCN (KET-)	CV1-12-25-2	200
DCC CS2 (Reference)	-21-2 -21-1	50/250 250
DCC 2-Butanone (Gases)	-20-2 -19-1	250 1250
BFB	-26-2	50
IS/SURR.	-23-1	250
LCS ACR MCN (KET-)	-27-3	200
LCS #26 (Mix)	[illegible]-49-3	50/250
LCS 2-Butanone (Gases)	CV1-12-26-1 CV1-12-25-2	250 1000

SOLVENT	ID
METHANOL	
DATA FILE	10H21

Electronic Data Archival

Location	Date
EPCHEM_VOA/T005	

Comments: * ICV not valid for 2-Butanone verification

Analyzed By: vd

Date Disposed: 8/23/12

Disposed By: vd.

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/7/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V0057H20

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Chlor	Matrix S	Notes
01		RIQ220	RFB057H11	5mL					8:32pm
02		221	CV005H2025	5/5ml/mL					
03		222	V0057H11L	5/5ml/mL					
04		223	↓ C	↓					
05		224	RINSE	25mL					
06		225	V0057H11B						
07		226	102043-06		1-2	<2	<5		78-02-04-03
08		227	102019 -05			<2	<5		78-02-04-03
09		228	102018-01			<2	<5		
10		229	102019-01			<2	<5		25X
11		230	-02			<2	<5		10X
12		231	-03			<2	<5		50/100X
13		232	↓ -04			<2	<5		50/100X
14		233	102043-01			<2	<5		RR, c/o?
15		234	-02			<2	<5		↓
16		235	-03			<2	<5		50X
17		236	-04			<2	<5		10X
18		237	↓ -05	↓	↓	<2	<5		100X 5:00pm
19									
20									
21									
22									
23									
24									
25									end 9/8/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V0057H20

STANDARDS

NAME	ID	Conc (mg/L)
DCC	8V1-16-25-2	
DCC	-27-2 -27-3	
DCC	-26-2	
BFB	-26-2	50/25
IS/SURR.	-23-2	
LCS	↓ -25-3	
LCS	8V1-15-97-3	
LCS	8V1-16-26-1	
SOLVENT	ID	
METHANOL		
DATA FILE	10217	

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOOS	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/8/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No: 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/8/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H2029

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O [illegible]	Matrix S	Notes
01	RZQ238		RFB05712	5ml					1:10pm
02		239	V005H2029	[illegible]					
03		240	V005712L	[illegible]					
04		241	↓ C	↓					
05		242	RIB55	25ml					
06		243	V005712B	↓					
07		244	102067-02R	↓	1.0	<2	<5		TB-03 07-40
08		245	102066-07	↓		<2	<5		TB-02-07-03
09		246	102019-01T	1.0ml	25	<2	<5		
10		247	↓ -02T	2.5ml	10	<2	<5		
11		248	↓ -03T	0.50ml	50	<2	<5		
12		249	↓ -04T	↓	↓	<2	<5		
13		250	102043-03T	↓	↓	<2	<5		
14		251	↓ -04T	25ml	10	<2	<5		
15		252	↓ -05T	0.25ml	100	<2	<5		
16		253	102080-02	25ml	1.0	<2	<5		
17		254	102043-01R	↓	↓	<2	<5		
18		255	↓ -02R	↓	↓	<2	<5		
19		256	102066-01	↓	↓	<2	<5		250X
20		257	↓ -02	↓	↓	<2	<5		250X
21		258	-03	↓	↓	<2	<5		100X
22		259	-04	↓	↓	<2	<5		50X
23		260	-05	↓	↓	<2	<5		100X
24		↓ 261	↓ 06	↓	↓	<2	<5		RR 12:44pm
25									

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20
STANDARDS	

NAME	ID	CONC (ug/L)
DCC	SV1-16-25-2	
DCC	27/-2 -27-1	
DCC	~~[illegible]~~ 23-3 49-[illegible]	
BFB	-26-2	60/250
IS/SURR.	-33-2	200/1250
LCS	↓ -25-3	
LCS	SV1-15-99-3	
LCS	SV1-16-26-1 SV1-12-28-3	

SOLVENT	ID
METHANOL	
DATA FILE	102108

Electronic Data Archival	
Location	Date
MACHEM_VOA/TOOS	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/9/10

Disposed by: [illegible]

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I043

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD RSK-175
DISSOLVED GASES

A total of five (5) water samples were received on 09/02/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC. SDG NO. : 101043
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : GC1310

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGI008WB	1	NA	09/14/1010:51	09/14/1009:40	F114003A	F114002A	DGI008W	Method Blank
LCS1W	DGI008WL	1	NA	09/14/1011:06	09/14/1009:40	F114004A	F114002A	DGI008W	Lab Control Sample (LCS)
LCD1W	DGI008WC	1	NA	09/14/1011:25	09/14/1009:40	F114005A	F114002A	DGI008W	LCS Duplicate
1W-70-SAB06-A10	1043-01	1	NA	09/14/1013:05	09/14/1009:40	F114011A	F114002A	DGI008W	Field Sample
1W-70-SAB06-A100DL	1043-01T	1000	NA	09/14/1015:28	09/14/1009:40	F114018A	F114013A	DGI008W	Diluted Sample
MW-70-PMW03A-A10	1043-02	1	NA	09/14/1013:29	09/14/1009:40	F114012A	F114002A	DGI008W	Field Sample
MW-70-PMW03A-A100DL	1043-02T	1000	NA	09/14/1015:46	09/14/1009:40	F114019A	F114013A	DGI008W	Diluted Sample
MW-70-PMW03B-A10	1043-03	1	NA	09/14/1014:00	09/14/1009:40	F114014A	F114013A	DGI008W	Field Sample
MW-70-PMW03B-A100DL	1043-03T	400	NA	09/14/1016:01	09/14/1009:40	F114020A	F114013A	DGI008W	Diluted Sample
MW-70-PMW02A-A10	1043-04	1	NA	09/14/1014:37	09/14/1009:40	F114015A	F114013A	DGI008W	Field Sample
MW-70-PMW02A-A100DL	1043-04T	400	NA	09/14/1016:23	09/14/1009:40	F114021A	F114013A	DGI008W	Diluted Sample
MW-70-PMW02B-A10	1043-05	1	NA	09/14/1015:01	09/14/1009:40	F114016A	F114013A	DGI008W	Field Sample
MW-70-PMW02B-A100DL	1043-05T	2	NA	09/14/1015:15	09/14/1009:40	F114017A	F114013A	DGI008W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

INITIAL CALIBRATION

IC SEQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13001	IB	ABLPY	OA106I13	09/13/1014:36	1
HI13002	S-0	ABLPY	OA106I13	09/13/1014:57	1
HI13003	S 1	ABLPY	OA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106I13	09/13/1017:58	1
HI13007	S-5	ABLPY	OA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106I13	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004621	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000128	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/16/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.115/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:40	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICH	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI20001	CCV22	ABLPY	104%	94.3%	104%	99.8%	109%	09/20/1014:56	1
HI20002	CCB22	ABLPY	ND	ND	ND	ND	ND	09/20/1015:17	1
HI20003	HCI018WB	ABLPY	ND	ND	ND	ND	ND	09/20/1015:38	1
HI20004	HCI018WL	*****	2.07	1.97	2.07	2.03	2.47	09/20/1015:59	1
HI20005	HCI018WC	ABLPY	2.04	1.89	2	2	2.06	09/20/1016:20	1
HI20006	I066-01	A**PY	83.2	4.31	ND	54.6	ND	09/20/1016:41	50
HI20007	H661-09R	ABLPY	1.06	ND	ND	ND	ND	09/20/1017:49	1
HI20008	H661-10R	ABLPY	.144	ND	.134	ND	ND	09/20/1018:55	1
HI20009	HCI018WX	ABLPY	2.11	1.99	2.04	2.08	2.06	09/20/1020:01	1
HI20010	I066-02	A**PY	84.5	5	ND	56.5	ND	09/20/1020:22	50
HI20011	I066-03	*****	12	ND	ND	ND	ND	09/20/1021:28	20
HI20012	I019-01	ABLPY	68.2	ND	ND	6.23	ND	09/20/1022:33	50
HI20013	H632-15	ABLPY	100	ND	ND	31.2	ND	09/20/1023:39	100
HI20014	CCV24	ABLPY	107%	101%	101%	106%	103%	09/21/1000:45	1
HI20015	CCB24	ABLPY	ND	ND	ND	ND	ND	09/21/1001:27	1
HI20016	I246-01	ABLPY	ND	ND	.137	ND	ND	09/21/1001:48	1
HI20017	I246-02	ABLPY	ND	ND	.17	ND	ND	09/21/1002:54	1
HI20018	I246-02D	ABLPY	ND	ND	.188	ND	ND	09/21/1004:00	1
HI20019	I246-02M	ABLPY	1.09	1.02	1.05	1.05	1.03	09/21/1005:06	1
HI20020	I246-03	ABLPY	ND	ND	.166	ND	ND	09/21/1006:12	1
HI20021	I246-04	ABLPY	ND	ND	.161	ND	ND	09/21/1007:18	1
HI20022	I246-05	ABLPY	ND	ND	.15	ND	ND	09/21/1008:23	1
HI20023	I246-06	ABLPY	ND	ND	.077	ND	ND	09/21/1009:29	1
HI20024	CCV26	ABLPY	106%	99.6%	103%	105%	103%	09/21/1011:36	1
HI20025	CCB26	ABLPY	ND	ND	ND	ND	ND	09/21/1011:57	1
HI20026	I246-07	ABLPY	ND	ND	.075	ND	ND	09/21/1012:18	1
HI20027	I252-02	ABLPY	ND	.633	.106	ND	ND	09/21/1013:24	1
HI20028	CCV28	ABLPY	108%	102%	104%	107%	105%	09/21/1014:51	1
HI20029	CCB28	ABLPY	ND	ND	ND	ND	ND	09/21/1015:12	1

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI27001	CCV50	ABLPY	103%	96.1%	90.5%	103%	93.2%	09/27/1014:20	1
HI27002	CCB50	ABLPY	ND	ND	ND	ND	ND	09/27/1014:41	1
HI27003	HC1026WB	ABLPY	ND	ND	ND	ND	ND	09/27/1015:02	1
HI27004	HC1026WL	ABLPY	2	1.86	1.76	2	1.82	09/27/1015:23	1
HI27005	HC1026WC	ABLPY	2.05	1.94	1.8	2.05	1.86	09/27/1015:44	1
HI27006	I304-03	ABLPY	.078	ND	ND	ND	ND	09/27/1016:26	1
HI27007	I304-04	ABLPY	.001	ND	ND	ND	ND	09/27/1017:52	1
HI27008	I066-01	*BL*Y	65.1E	5.73	ND	53.5E	ND	09/27/1018:37	4
HI27009	I066-02	*BL*Y	63.5E	5.36	ND	52.9E	ND	09/27/1019:43	4
HI27010	I066-03	A*LPY	12.1	ND	ND	.69	ND	09/27/1020:43	10
HI27011	HC1026WX	ABLPY	2.06	1.98	1.82	2.03	1.88	09/28/1010:05	1
HI27012	CCV52	ABLPY	99.8%	99.7%	90.4%	101%	95.7%	09/28/1010:51	1
HI27013	CCB52	ABLPY	.006	ND	ND	ND	ND	09/28/1011:12	1

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI16001	CCV14 ✓	ABLPY	104%	96.8%	100%	102%	100%	09/16/1019:25	1
HI16002	CCB14 ✓	ABLPY	ND	ND	ND	ND	ND	09/16/1019:46	1
HI16003	HCI016WB	ABLPY	ND	ND	ND	ND	ND	09/16/1020:07	1
HI16004	HCI016WL	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:28	1
HI16005	HCI016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:49	1
HI16006	I066-01	**L*Y	30.9E	5.22E	ND	30.3E	ND	09/16/1021:10	1
HI16007	I066-02	**L*Y	30.7E	5.06E	ND	30.2E	ND	09/16/1022:16	1
HI16008	I066-03	*BLPY	10.2E	.377	ND	.932	ND	09/16/1023:22	1
HI16009	I066-04	ABLPY	ND	ND	ND	ND	ND	09/17/1000:28	1
HI16010	I066-05	ABLPY	ND	ND	ND	ND	ND	09/17/1001:34	1
HI16011	I066-06	ABLPY	2.51	ND	ND	ND	ND	09/17/1002:40	1
HI16012	CCV16✓	ABLPY	107%	100%	102%	104%	102%	09/17/1003:46	1
HI16013	CCB16 ✓	ABLPY	ND	ND	ND	ND	ND	09/17/1004:28	1
HI16014	I075-01	ABLPY	ND	ND	ND	ND	ND	09/17/1004:49	1
HI16015	I075-02	ABLPY	ND	ND	ND	ND	ND	09/17/1005:54	1
HI16016	I075-02D	ABLPY	ND	ND	ND	ND	ND	09/17/1007:00	1
HI16017	I075-02M	ABLPY	2.05	2.02	2	2.02	1.97	09/17/1008:06	1
HI16018	I091-01	ABLPY	ND	ND	ND	ND	ND	09/17/1009:12	1
HI16019	I091-02	ABLPY	.035	ND	ND	ND	ND	09/17/1010:18	1
HI16020	I091-03	ABLPY	1.88	ND	ND	1.53	ND	09/17/1011:24	1
HI16021	I091-04	ABLPY	ND	ND	ND	ND	ND	09/17/1012:30	1
HI16022	CCV18	ABLPY	106%	99%	103%	104%	104%	09/17/1014:16	1
HI16023	CCB18	ABLPY	ND	ND	ND	ND	ND	09/17/1014:58	1
HI16024	I148-01	ABLPY	.074	ND	ND	ND	ND	09/17/1015:19	1
HI16025	I148-02	ABLPY	.02	ND	ND	ND	ND	09/17/1016:24	1
HI16026	I148-03	ABLPY	.006	ND	ND	ND	ND	09/17/1017:30	1
HI16027	I148-04	ABLPY	ND	ND	ND	ND	ND	09/17/1018:36	1
HI16028	I193-01	ABLPY	1.02	ND	ND	ND	ND	09/17/1019:42	1
HI16029	I193-02	ABLPY	ND	ND	ND	ND	ND	09/17/1020:48	1
HI16030	CCV20	ABLPY	102%	95.1%	99.6%	98%	105%	09/17/1021:54	1
HI16031	CCB20	ABLPY	ND	ND	ND	ND	ND	09/17/1022:15	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.OH - SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H313

Method File: 04106313

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 4/13/03

Printed 9/15/2010 2:41:34 PM

Sequence HI13
Operator cmacmin

Title Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location Organic Acid\2010
Timebase ICS1000
#Samples 9

Created 9/13/2010 7:32:33 PM by cmacmin
Last Update 9/14/2010 5:18:34 PM by cmacmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.014 SW12A-03-013 0.285g -12L

HC10180: I066, I246, I252, 4632

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	HI20
Method File:	041061.3
Analytical Batch:	HC10180

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-217
LCS	-218
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: cd

Date: 9/20/10

Sequence: HI20
Operator: cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI20		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI20		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI20		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI20		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI20		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI20		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI20		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI20		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI20		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI20	001	CCV22	Unknown	99	25.0	ORG	OA106I13	Finished	9/20/2010 2:56:17 PM	1.0000
11	HI20	002	CCB22	Unknown	98	25.0	ORG	OA106I13	Finished	9/20/2010 3:17:16 PM	1.0000
12	HI20	003	HCI018WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/20/2010 3:38:14 PM	1.0000
13	HI20	004	HCI018WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 3:59:13 PM	1.0000
14	HI20	005	HCI018WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 4:20:12 PM	1.0000
15	HI20	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 4:41:10 PM	50.0000
16	HI20	007	H661-09R	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 5:49:20 PM	1.0000
17	HI20	008	H661-10R	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 6:55:14 PM	1.0000
18	HI20	009	HCI018WX	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 8:01:08 PM	1.0000
19	HI20	010	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 8:22:06 PM	50.0000
20	HI20	011	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 9:28:00 PM	20.0000
21	HI20	012	I019-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 10:33:53 PM	50.0000
22	HI20	013	H632-15	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 11:39:47 PM	100.0000
23	HI20	014	CCV24	Unknown	99	25.0	ORG	OA106I13	Finished	9/21/2010 12:45:41 AM	1.0000
24	HI20	015	CCB24	Unknown	98	25.0	ORG	OA106I13	Finished	9/21/2010 1:27:39 AM	1.0000
25	HI20	016	I246-01	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:48:37 AM	1.0000
26	HI20	017	I246-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 2:54:31 AM	1.0000
27	HI20	018	I246-02D	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 4:00:24 AM	1.0000

FINAL

Sequence HI20
Operator: cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource D3993Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
1	HI20	
2	HI20	
3	HI20	
4	HI20	
5	HI20	
6	HI20	
7	HI20	
8	HI20	
9	HI20	
10	HI20	
11	HI20	
12	HI20	
13	HI20	
14	HI20	
15	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI20	
19	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
22	HI20	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
23	HI20	
24	HI20	
25	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence HI20
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI20	019	I246-02M	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 5:06:18 AM	1.0000
29	HI20	020	I246-03	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 6:12:11 AM	1.0000
30	HI20	021	I246-04	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 7:18:04 AM	1.0000
31	HI20	022	I246-05	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 8:23:58 AM	1.0000
32	HI20	023	I246-06	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 9:29:51 AM	1.0000
33	HI20	024	CCV26	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 11:36:39 AM	1.0000
34	HI20	025	CCB26	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 11:57:38 AM	1.0000
35	HI20	026	I246-07	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 12:18:37 PM	1.0000
36	HI20	027	I252-02	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:24:31 PM	1.0000
37	HI20	028	CCV28	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 2:51:23 PM	1.0000
38	HI20	029	CCB28	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 3:12:22 PM	1.0000

FINAL

Sequence H:20
Operator cmadmin

Title Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location Organic Acid\2010
Timebase: ICS1000
#Samples. 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
28	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI20	
34	HI20	
35	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI20	SAMPLE WAS PREPPED AT DF=1 PRIOR TO ANALYSIS
37	HI20	
38	HI20	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG *for* ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW9A - 03 - 013 : 0.2889g → 2L

HI27.004 : Not evaluated due to bad injection

HI27006 & HI27007 : Not evaluated.

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	HI27
Method File:	0A106113.met
Analytical Batch:	HCI626W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW12A - 02 - 215	
ICV		216
CCV		219
LCS		220
MS	N/A	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: a_R

Date: 09/27/10

Sequence: HI27
Operator: cmadmin

Title Temporary sequence for manual data acquisition
Datasource. D3983Q91_local
Location: Organic Acid\2010
Timebase: tCS1000
#Samples. 22

Created. 9/27/2010 12:39:12 PM by cmadmin
Last Update: 9/28/2010 12:14:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI27		I8	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI27		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI27		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI27		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI27		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI27		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI27		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI27		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI27		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI27	001	CCV50	Unknown	99	25.0	ORG	OA106I13	Finished	9/27/2010 2:20:15 PM	1.0000
11	HI27	002	CCB50	Unknown	98	25.0	ORG	OA106I13	Finished	9/27/2010 2:41:14 PM	1.0000
12	HI27	003	HCI026WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/27/2010 3:02:12 PM	1.0000
13	HI27	004	HCI026WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/27/2010 3:23:11 PM	1.0000
14	HI27	005	HCI026WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/27/2010 3:44:10 PM	1.0000
15	HI27	006	I304-03	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/27/2010 4:26:07 PM	1.0000
16	HI27	007	I304-04	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/27/2010 5:32:01 PM	1.0000
17	HI27	008	I066-01	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/27/2010 6:37:55 PM	4.0000
18	HI27	009	I066-02	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/27/2010 7:43:49 PM	4.0000
19	HI27	010	I066-03	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Interrupted	9/27/2010 8:43:50 PM	10.0000
20	HI27	011	HCI026WX	Unknown	95	25.0	ORG-SAMPLE	OA106I13	Finished	9/28/2010 10:05:54 AM	1.0000
21	HI27	012	CCV52	Unknown	94	25.0	ORG	OA106I13	Finished	9/28/2010 10:51:52 AM	1.0000
22	HI27	013	CCB52	Unknown	98	25.0	ORG	OA106I13	Finished	9/28/2010 11:12:51 AM	1.0000

FINAL

Sequence: HI27
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3933Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 22

Created: 9/27/2010 12:39:12 PM by cmadmin
Last Update: 9/28/2010 12:14:24 PM by cmadmin

No.	Sequence	Comment
1	HI27	
2	HI27	
3	HI27	
4	HI27	
5	HI27	
6	HI27	
7	HI27	
8	HI27	
9	HI27	
10	HI27	
11	HI27	
12	HI27	
13	HI27	
14	HI27	
15	HI27	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI27	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
17	HI27	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI27	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI27	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI27	
21	HI27	
22	HI27	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Nitrate: SW9A-03-03

HC3016W: J066, J075, J081, J148, J163

Book #: A106-008

Instrument No.: 106

Analytical Sequence: V1316

Method File: 04106313

Analytical Batch: HC3016W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX 218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW2A-02-215
ICV	-216
CCV	-213
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By:

Date: 9/16/10

Sequence: H.16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: iCS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI16		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI16		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI16		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI16		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI16		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI16		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI16		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI16		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI16		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI16	001	CCV14	Unknown	99	25.0	ORG	OA106I13	Finished	9/16/2010 7:25:53 PM	1.0000
11	HI16	002	CCB14	Unknown	98	25.0	ORG	OA106I13	Finished	9/16/2010 7:46:52 PM	1.0000
12	HI16	003	HCI016WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/16/2010 8:07:51 PM	1.0000
13	HI16	004	HCI016WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:28:49 PM	1.0000
14	HI16	005	HCI016WC	Unknown	95	25.0	ORG	OA106I13	Finished	9/16/2010 8:49:48 PM	1.0000
15	HI16	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 9:10:47 PM	1.0000
16	HI16	007	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 10:16:41 PM	1.0000
17	HI16	008	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 11:22:34 PM	1.0000
18	HI16	009	I066-04	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:28:27 AM	1.0000
19	HI16	010	I066-05	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 1:34:21 AM	1.0000
20	HI16	011	I066-06	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 2:40:14 AM	1.0000
21	HI16	012	CCV16	Unknown	99	25.0	ORG	OA106I13	Finished	9/17/2010 3:46:08 AM	1.0000
22	HI16	013	CCB16	Unknown	98	25.0	ORG	OA106I13	Finished	9/17/2010 4:28:05 AM	1.0000
23	HI16	014	I075-01	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:49:04 AM	1.0000
24	HI16	015	I075-02	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:54:57 AM	1.0000
25	HI16	016	I075-02D	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:00:51 AM	1.0000
26	HI16	017	I075-02M	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:06:45 AM	1.0000
27	HI16	018	I091-01	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 9:12:38 AM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
1	HI16	
2	HI16	
3	HI16	
4	HI16	
5	HI16	
6	HI16	
7	HI16	
8	HI16	
9	HI16	
10	HI16	
11	HI16	
12	HI16	
13	HI16	
14	HI16	
15	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI16	
22	HI16	
23	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C9*_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI16	019	I091-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 10:18:32 AM	1.0000
29	HI16	020	I091-03	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 11:24:25 AM	1.0000
30	HI16	021	I091-04	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:30:19 PM	1.0000
31	HI16	022	CCV18	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 2:16:06 PM	1.0000
32	HI16	023	CCB18	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 2:56:03 PM	1.0000
33	HI16	024	I148-01	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 3:19:02 PM	1.0000
34	HI16	025	I148-02	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:24:57 PM	1.0000
35	HI16	026	I148-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:30:51 PM	1.0000
36	HI16	027	I148-04	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 6:36:45 PM	1.0000
37	HI16	028	I193-01	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:42:38 PM	1.0000
38	HI16	029	I193-02	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:48:32 PM	1.0000
39	HI16	030	CCV20	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 9:54:25 PM	1.0000
40	HI16	031	CCB20	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 10:15:24 PM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 40

Created 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
28	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI16	
32	HI16	
33	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI16	
40	HI16	

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 2320B
TOTAL ALKALINITY

A total of six (6) water samples were received on 09/03/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A Lab Control Sample was analyzed with the samples in this SDG.
Percent recovery for ALI011WL was within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT GEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010066

Matrix : WATER
Instrument ID : 53

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1011WB	ND	1	NA	5.00	1.00	09/15/1015:31	NA	AL1011-01	NA	AL1011W	NA	NA
LCS1W	AL1011WL	586	1	NA	5.00	1.00	09/15/1015:41	NA	AL1011-02	NA	AL1011W	NA	NA
MW-70-PMW01A-A10	1066-01	1130	1	NA	5.00	1.00	09/15/1015:52	NA	AL1011-03	NA	AL1011W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02	1120	1	NA	5.00	1.00	09/15/1015:56	NA	AL1011-04	NA	AL1011W	09/03/1010:13	09/03/10
MW-70-PMW01B-A10	1066-03	1450	1	NA	5.00	1.00	09/15/1016:12	NA	AL1011-05	NA	AL1011W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	1066-04	212	1	NA	5.00	1.00	09/15/1017:46	NA	AL1011-06	NA	AL1011W	09/03/1012:10	09/03/10
MW-70-PMW06A-A10DUP	1066-04D	212	1	NA	5.00	1.00	09/15/1017:53	NA	AL1011-07	NA	AL1011W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	1066-05	175	1	NA	5.00	1.00	09/15/1018:04	NA	AL1011-08	NA	AL1011W	09/03/1012:45	09/03/10
MW-70-3B-A10	1066-06	785	1	NA	5.00	1.00	09/15/1018:15	NA	AL1011-09	NA	AL1011W	09/03/1013:34	09/03/10

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: INSIGHT ESC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: NBLK1W
LAB SAMP ID: AL1011WB AL1011WL
LAB FILE ID: AL1011-01 AL1011-02
DATE EXTRACTED: NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/15/1015:31 09/15/1015:41 DATE RECEIVED: NA
PREP. BATCH: AL1011W AL1011W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	QC LIMIT (%)
Total Alkalinity	ND	576	586	102	80-120

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD Z3209

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW06A-A10
EMAX SAMP ID: I066-04 1066-04D
LAB FILE ID: AL1011-06 AL1011-07
DATE EXTRACTED: NA NA DATE COLLECTED: 09/03/10 12:10
DATE ANALYZED: 09/15/1017:46 09/15/1017:53 DATE RECEIVED: 09/03/10
PREP. BATCH: AL1011W AL1011W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Total Alkalinity	212	212	0	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Book#: AAL-028

Instrument No.: ☒ 53 ☐ 97 ☐ E5

Analytical Batch: AL1011

Analytical Sequence: AL1011

SOP #	Rev. #
☐ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
LCS	SWI-01-258	576
MS/MSD	NA	NA
ICV	NA	NA
0.02N HCL	SWI-01-254	0.02

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-210
pH 10	SWI-01-251
pH Check	SWI-01-262

Analyzed By: pc

Date: 9/15/10

EMAX

ALKALINITY RAW DATA

Standard	Concentration	
Acid Titrant, HCl	1.02	N
Na_2CO_3 (Std Z_1)*	2.12	g/L
LCS	576	mg/L
MS	100	mg/L
MDL	1	mg/L
RL	5	mg/L

pH Meter Calibration			
Instrument ID:		SS	
Buffer 4	4.01	09/15/10	15:21:05
Buffer 7	7.01	09/15/10	15:21:21
Buffer 10	10.04	09/15/10	15:21:02
pH Check (Buffer 10)	9.98	09/15/10	15:24:45

$N = \frac{(g)(Z_1)(V_{Standard})}{(53)(V_{Acid})}$ $N = \frac{(Z_2)(V_{Standard})}{(V_{Acid})}$

* Standardization of Acid Titrant(N)
Z=g/L Na_2CO_3 if the concentration of Na_2CO_3 is in N, then Z=Z_1.

STANDARDIZATION				
V_{Na2CO3} (mL)	V_{HCl} (mL)	DATE	TIME	Acid Titrant HCl (N)
				NA
				#DIV/0!
				#DIV/0!
				#DIV/0!
			Average HCl (N)=	2.00000

Acid Titrant is purchased as certified standard solution

Book #: AAL-028

Page: 37

SOP: EMAX-2320B Rev. 0

Analytical Batch: ALI011

Analyzed By: JC

Data File Name	Lab Sample ID	Sample Aliquot (mL)	Sample pH	Analysis Date (mm/dd/yy)	Analysis Time (hh:mm:ss)	Volume of Acid Titrant (mL) pH=8.3	Analysis Date (mm/dd/yy)	Analysis Time (hh:mm:ss)	Volume of Acid Titrant (mL) pH=4.5	Analysis Date (mm/dd/yy)	Analysis Time (hh:mm:ss)	Vol. of Acid Titrant (mL) pH=4.2	Analysis Date (mm/dd/yy)	Analysis Time (hh:mm:ss)	Final pH	Analysis Date (mm/dd/yy)	Analysis Time (hh:mm:ss)	NOTES
ALI011-01	ALI0119 B	100	5.85	09/15/10	15:25:20	NA	09/15/10	15:27:35	0.24	09/15/10	15:29:51	0.28	09/15/10	15:31:03	4.24	09/15/10	15:21:06	
ALI011-02	ALI0119 L	5	9.15	09/15/10	15:36:22	2.03	09/15/10	15:39:55	2.93	09/15/10	15:41:28	NA	09/15/10	15:41:34	4.5	09/15/10	15:41:28	
ALI011-03	1066-01	1	8.36	09/15/10	15:46:13	NA	09/15/10	15:48:27	1.15	09/15/10	15:52:06	NA	09/15/10	15:52:09	4.52	09/15/10	15:52:17	
ALI011-04	1066-02	1	8.1	09/15/10	15:56:22	NA	09/15/10	15:56:23	1.12	09/15/10	15:56:28	NA	09/15/10	15:56:28	4.38	09/15/10	15:56:38	
ALI011-05	1066-03	1	7.42	09/15/10	16:05:13	NA	09/15/10	16:05:15	1.45	09/15/10	16:12:25	NA	09/15/10	16:12:32	4.46	09/15/10	16:12:35	
ALI011-06	1066-04	10	7.75	09/15/10	17:40:57	NA	09/15/10	17:40:59	2.12	09/15/10	17:46:12	NA	09/15/10	17:46:14	4.49	09/15/10	17:46:19	
ALI011-07	1066-04D	10	7.77	09/15/10	17:50:15	NA	09/15/10	17:50:49	2.12	09/15/10	17:53:49	NA	09/15/10	17:53:51	4.53	09/15/10	17:53:51	
ALI011-08	1066-05	10	7.51	09/15/10	17:58:59	NA	09/15/10	17:59:01	1.75	09/15/10	18:04:02	NA	09/15/10	18:04:04	4.52	09/15/10	18:04:07	
ALI011-09	1066-06	2	7.94	09/15/10	18:10:55	NA	09/15/10	18:11:09	2.53	09/15/10	18:15:57	NA	09/15/10	18:15:58	4.5	09/15/10	18:15:58	

ALKALINITY REPORT FORM

EMAX LABORATORIES, INC.

SOP: EMAX-15208 Rev. 0 | Standardized Titrant HCl (N): 0.02 | Book #: AAL-028

Start Date/Time: 9/15/10 15:21 | End Date/Time: 9/15/10 18:15 | Page: 37

Data File Name	Lab Sample ID	Sample Amount (mL)	Volume of Acid Titrant (A) mL pH=8.3	Volume of Acid Titrant (B) ml pH=4.5	Vol. of Acid Titrant (C) ml pH=4.2	ALKALINITY (mg/L) TOTAL[P]	TOTAL[T]	[OH]	[CO_3]	[HCO_3]	NOTES
AL1011-01	AL1011WB	100	NA	0.14	0.28	ND	0	ND	ND	0	
AL1011-02	AL1011WL	5	2.05	2.91	NA	410	586	234	352	ND	
AL1011-03	1066-01	1	NA	1.13	NA	ND	1130	ND	ND	1130	
AL1011-04	1066-02	1	NA	1.12	NA	ND	1120	ND	ND	1120	
AL1011-05	1066-03	1	NA	1.45	NA	ND	1450	ND	ND	1450	
AL1011-06	1066-04	10	NA	2.12	NA	ND	212	ND	ND	212	
AL1011-07	1066-04D	20	NA	2.12	NA	ND	212	ND	ND	212	
AL1011-08	1066-05	10	NA	1.75	NA	ND	175	ND	ND	175	
AL1011-09	1066-06	2	NA	1.57	NA	ND	785	ND	ND	785	

Analytical Batch: AL1011 **Analyzed by: RC**

MISCELLANEOUS INFORMATION

Standard	Concentration	
Acid Titrant, HCl	0.02	N
Na_2CO_3 (Zero Zn) *	2.63	g/L
LCS	576	mg/L
MS	100	mg/L
MDL	1	mg/L
RL	5	mg/L

ALKALINITY (mg/L)

$$P = \frac{(A)(N)(50,000)}{S}$$

$$T = \frac{(2B-C)(N)(50000)}{S} \quad for\ T < 20\ mg/L$$

$$T = \frac{(B)(N)(50,000)}{S} \quad for\ T > 20\ mg/L$$

Lab Control Sample — QC Limit: 80-120

Sample ID	Result	Rec.	RPD	Comments
AL1011WL	586	102%		Spec. Passed

Matrix Spike — QC Limit: 75-125

Sample ID	Result	Rec.	RPD	Comments

Sample Duplicate — QC Limit: ≤ 20

Sample ID	Result	RPD	Comments
1066-04	212		
1066-04D	212	0%	Passed

RC
9/15/10

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of six (6) water samples were received on 09/03/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI004WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI004WB	ND	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00401	NA	TDI004W	NA	NA
LCS1W	TDI004WL	1020	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00402	NA	TDI004W	NA	NA
LCD1W	TDI004WC	995	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00403	NA	TDI004W	NA	NA
MW-70-PMW01A-A10	1066-01	4650	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00416	NA	TDI004W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02	4230	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00417	NA	TDI004W	09/03/1010:13	09/03/10
MW-70-PMW01B-A10	1066-03	4800	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00418	NA	TDI004W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	1066-04	1870	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00419	NA	TDI004W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	1066-05	1280	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00420	NA	TDI004W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	1560	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00421	NA	TDI004W	09/03/1013:34	09/03/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 2540C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	TD1004WB	TD1004WL	TD1004WC		
LAB FILE ID:	TD100401	TD100402	TD100403		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/09/1015:26	09/09/1015:26	09/09/1015:26	DATE RECEIVED:	NA
PREP. BATCH:	TD1004W	TD1004W	TD1004W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	1020	102	1000	995	100	2	80-120	20

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDS004

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-266	1000

Analyzed By: MMN

Date: 9/10/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES INC.

Instrument ID: 4020-556 | Oven Temp IN (°C): 180 | Oven Temp OUT (°C): 180 | SOP | EMAX-IC-1 Rev. 5

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 2nd & 3rd Dry Wt Rdg	Difference 2nd & 3rd Dry Wt Rdg (<0.5 mg)
TD1004-01	TD1004WB	100	B	70.3579	09-09-10	15:26	70.3579	09-10-10	12:50	70.3581	09-10-10	14:55	70.3651	09-10-10	14:56	[illegible]	0.0
TD1004-02	TD1004WL	20	L	13.2597	09-09-10	15:27	13.08	09-10-10	12:51	13.0799	09-10-10	14:55	13.08	09-10-10	14:56	[illegible]	0.0
TD1004-03	TD1004WC	20	C	13.2615	09-09-10	15:27	13.2613	09-10-10	12:52	13.2614	09-10-10	14:57	13.2614	09-10-10	14:57	[illegible]	0.0
TD1004-24	1091-01	20	1	70.3094	09-09-10	15:27	70.3456	09-10-10	12:53	70.346	09-10-10	14:58	70.346	09-10-10	14:58	[illegible]	0.0
TD1004-25	1091-02	20	2	13.1225	09-09-10	15:28	13.2243	09-10-10	12:54	13.224	09-10-10	14:58	13.2241	09-10-10	14:59	[illegible]	0.1
TD1004-26	1091-03	20	3	13.2569	09-09-10	15:28	13.2586	09-10-10	12:54	13.2559	09-10-10	14:59	13.2559	09-10-10	14:59	[illegible]	0.0
TD1004-27	1091-04	20	4	13.2110	09-09-10	15:29	13.2595	09-10-10	12:54	13.2594	09-10-10	14:59	13.2594	09-10-10	14:59	[illegible]	0.0
TD1004-28	1099-02	20	5	13.2523	09-09-10	15:29	13.3137	09-10-10	12:55	13.3138	09-10-10	15:00	13.3139	09-10-10	15:00	[illegible]	0.1
TD1004-29	1099-03	20	6	13.0752	09-09-10	15:30	13.1551	09-10-10	12:55	13.1582	09-10-10	15:00	13.1582	09-10-10	15:00	[illegible]	0.0
TD1004-10	1090-02	20	7	13.2663	09-09-10	15:30	13.2958	09-10-10	12:56	13.2962	09-10-10	15:00	13.296	09-10-10	15:00	[illegible]	0.2
TD1004-11	1090-03	20	8	13.2182	09-09-10	15:31	13.2512	09-10-10	12:56	13.2514	09-10-10	15:01	13.2514	09-10-10	15:01	[illegible]	0.0
TD1004-12	1090-04	20	9	13.2186	09-09-10	15:31	13.2553	09-10-10	12:56	13.2553	09-10-10	15:01	13.2553	09-10-10	15:01	[illegible]	0.0
TD1004-13	1090-05	20	10	13.1977	09-09-10	15:32	13.2018	09-10-10	12:57	13.2019	09-10-10	15:02	13.2019	09-10-10	15:02	[illegible]	0.0
TD1004-14	1090-06	20	11	13.2756	09-09-10	15:32	13.3289	09-10-10	12:57	13.329	09-10-10	15:02	13.329	09-10-10	15:02	[illegible]	0.0
TD1004-15	1090-06D	20	12	13.2592	09-09-10	15:32	13.2835	09-10-10	12:57	13.2836	09-10-10	15:02	13.2836	09-10-10	15:02	[illegible]	0.0
TD1004-16	1066-01	20	13	13.2546	09-09-10	15:33	13.3475	09-10-10	12:58	13.3476	09-10-10	15:03	13.3475	09-10-10	15:03	[illegible]	0.0
TD1004-17	1066-02	20	14	13.1472	09-09-10	15:33	13.1831	09-10-10	12:58	13.1832	09-10-10	15:03	13.1832	09-10-10	15:03	[illegible]	0.0
TD1004-18	1066-03	20	15	13.1962	09-09-10	15:34	13.4027	09-10-10	12:58	13.4022	09-10-10	15:04	13.4022	09-10-10	15:04	[illegible]	0.0
TD1004-19	1066-04	20	16	13.1974	09-09-10	15:34	13.1929	09-10-10	12:59	13.1928	09-10-10	15:04	13.1928	09-10-10	15:04	[illegible]	0.0
TD1004-20	1066-05	20	17	13.1463	09-09-10	15:34	13.1721	09-10-10	12:59	13.1719	09-10-10	15:04	13.1719	09-10-10	15:04	[illegible]	0.0
TD1004-21	1066-06	20	18	13.1575	09-09-10	15:35	13.3582	09-10-10	12:59	13.3586	09-10-10	15:05	13.3586	09-10-10	15:05	[illegible]	0.0
TD1004-22	1075-01	50	19	69.3952	09-09-10	15:35	69.4234	09-10-10	13:00	69.4235	09-10-10	16:41	69.4235	09-10-10	17:33	[illegible]	0.0
TD1004-23	1075-02	100	20	70.3575	09-09-10	15:36	70.3623	09-10-10	13:00	70.3624	09-10-10	16:41	70.3625	09-10-10	17:33	[illegible]	0.1
TD1004-24	1075-02D	100	21	68.8845	09-09-10	15:36	68.951	09-10-10	13:00	68.951	09-10-10	16:41	68.9509	09-10-10	17:34	[illegible]	0.1

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0000	[illegible]	[illegible]	PASSED
100	99.9942	[illegible]	[illegible]	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	[illegible]	[illegible]	PASSED
100	99.9945	[illegible]	[illegible]	PASSED

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0002	[illegible]	[illegible]	PASSED
100	99.9961	[illegible]	[illegible]	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	[illegible]	[illegible]	PASSED
100	99.9955	[illegible]	[illegible]	PASSED

LCS Conc. [illegible] mg/L | MDL [illegible] mg/L | R: [illegible] - [illegible] mg/L

Initial Reading in MM: [illegible]

Final Reading in MM: [illegible]

COMMENTS

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD1004 | Start Date/Time: 09/09/10 15:26 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/10/10 15:05 | Temp Out(°C): 180

DATA FILE ID		Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD1004	01	TD1004WB	100	70.3679	70.3683	0.4000	ND	
TD1004	02	TD1004WL	20	13.0597	13.08	20.3000	1020	102
TD1004	03	TD1004WC	20	13.2615	13.2814	19.9000	995	100
TD1004	04	I091-01	50	70.3094	70.346	36.6000	732	
TD1004	05	I091-02	20	13.1775	13.2241	46.6000	2330	
TD1004	06	I091-03	20	13.2249	13.2589	34.0000	1700	
TD1004	07	I091-04	20	13.211	13.2594	48.4000	2420	
TD1004	08	I099-02	20	13.2329	13.3139	81.0000	4050	
TD1004	09	I099-02D	20	13.0762	13.1582	82.0000	4100	
TD1004	10	I090-02	20	13.2669	13.296	29.1000	1450	
TD1004	11	I090-03	20	13.2182	13.2514	33.2000	1660	
TD1004	12	I090-04	20	13.2186	13.2537	35.1000	1760	
TD1004	13	I090-05	20	13.1677	13.2019	34.2000	1710	
TD1004	14	I090-06	20	13.2756	13.309	33.4000	1670	
TD1004	15	I090-06D	20	13.2502	13.2836	33.4000	1670	
TD1004	16	I066-01	20	13.2546	13.3476	93.0000	4650	
TD1004	17	I066-02	10	13.1472	13.1892	42.0000	4200	
TD1004	18	I066-03	20	13.3062	13.4022	96.0000	4800	
TD1004	19	I066-04	20	13.1534	13.1909	37.5000	1870	
TD1004	20	I066-05	20	13.1463	13.1719	25.6000	1280	
TD1004	21	I066-06	20	13.3273	13.3586	31.3000	1560	
TD1004	22	I075-01	50	69.3852	69.4235	38.3000	766	
TD1004	23	I075-02	100	70.2973	70.3625	65.2000	652	
TD1004	24	I075-02D	100	68.8845	68.9509	66.4000	664	

LCS Concentration: 1000 mg/L | MDL(mg/L): 5 | Initial Reading by: MJM

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: MJM

COMMENTS:

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/10/10 8:52	200.05	9/10/10 8:53	200.06	9/10/10 8:53	199.8	200.2	200g Check Passed
10203192	31116	100	100	9/10/10 8:52	100.04	9/10/10 8:53	100.02	9/10/10 8:54	99.9	100.1	100g Check Passed
10203192	31116	50	49.99	9/10/10 8:52	49.99	9/10/10 8:53	49.99	9/10/10 8:54	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/10/10 8:52	30.01	9/10/10 8:53	30.02	9/10/10 8:54	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/10/10 8:53	1	9/10/10 8:53	1	9/10/10 8:54	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/10/10 8:56	200	9/10/10 8:57	200	9/10/10 8:57	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/10/10 8:56	100	9/10/10 8:57	100.01	9/10/10 8:57	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/10/10 8:56	49.99	9/10/10 8:57	50	9/10/10 8:57	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/10/10 8:56	30	9/10/10 8:57	30	9/10/10 8:57	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/10/10 8:57	1	9/10/10 8:57	1	9/10/10 8:58	0.999	1.001	1g Check Passed
40706360	31116	150	149.9938	9/10/10 9:01	149.9938	9/10/10 9:02	149.9936	9/10/10 9:03	149.85	150.15	150g Check Passed
40706360	31116	100	99.9956	9/10/10 9:01	99.9956	9/10/10 9:02	99.9957	9/10/10 9:03	99.9	100.1	100g Check Passed
40706360	31116	50	49.998	9/10/10 9:01	49.9981	9/10/10 9:02	49.9982	9/10/10 9:04	49.95	50.05	50g Check Passed
40706360	31116	30	29.9986	9/10/10 9:01	29.9986	9/10/10 9:03	29.9988	9/10/10 9:04	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/10/10 9:02	0.9999	9/10/10 9:03	1	9/10/10 9:04	0.999	1.001	1g Check Passed
10601202	31116	200	200.001	9/10/10 9:06	200.003	9/10/10 9:07	199.995	9/10/10 9:08	199.8	200.2	200g Check Passed
10601202	31116	100	100.004	9/10/10 9:06	99.995	9/10/10 9:07	99.994	9/10/10 9:08	99.9	100.1	100g Check Passed
10601202	31116	50	50.005	9/10/10 9:06	49.997	9/10/10 9:07	49.999	9/10/10 9:08	49.95	50.05	50g Check Passed
10601202	31116	30	30.006	9/10/10 9:06	29.996	9/10/10 9:07	30.004	9/10/10 9:08	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/10/10 9:07	1.001	9/10/10 9:07	1	9/10/10 9:08	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-13-10			49.95	50.05	
		30							29.97	30.03	
									0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

Date: 9/16/10

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.07	9/9/10 8:42	200.06	9/9/10 8:43	200.05	9/9/10 8:44	199.8	200.2	200g Check Passed
10203192	31116	100	100.07	9/9/10 8:42	100	9/9/10 8:43	100.02	9/9/10 8:44	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/9/10 8:42	50.01	9/9/10 8:43	50.02	9/9/10 8:44	49.95	50.05	50g Check Passed
10203192	31116	30	30.02	9/9/10 8:42	29.99	9/9/10 8:43	29.97	9/9/10 8:44	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/9/10 8:43	1	9/9/10 8:44	1	9/9/10 8:45	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/9/10 8:52	199.99	9/9/10 8:52	199.99	9/9/10 8:53	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/9/10 8:52	100	9/9/10 8:52	100	9/9/10 8:53	99.9	100.1	100g Check Passed
10304418	31116	50	49.95	9/9/10 8:52	50	9/9/10 8:52	50	9/9/10 8:53	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/9/10 8:52	30.01	9/9/10 8:52	30.01	9/9/10 8:53	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/9/10 8:52	1	9/9/10 8:52	1	9/9/10 8:53	0.999	1.001	1g Check Passed
40706360	31116	150	149.9928	9/9/10 8:55	149.993	9/9/10 8:56	149.993	9/9/10 8:57	149.85	150.15	150g Check Passed
40706360	31116	100	99.9951	9/9/10 8:55	99.9951	9/9/10 8:56	99.9952	9/9/10 8:57	99.9	100.1	100g Check Passed
40706360	31116	50	49.9977	9/9/10 8:55	49.9979	9/9/10 8:56	49.9979	9/9/10 8:58	49.95	50.05	50g Check Passed
40706360	31116	30	29.9984	9/9/10 8:55	29.9986	9/9/10 8:56	29.9986	9/9/10 8:58	29.97	30.03	30g Check Passed
40706360	31116	1	0.9997	9/9/10 8:55	0.9998	9/9/10 8:57	1.0001	9/9/10 8:58	0.999	1.001	1g Check Passed
10601202	31116	200	199.995	9/9/10 9:02	199.992	9/9/10 9:03	199.993	9/9/10 9:04	199.8	200.2	200g Check Passed
10601202	31116	100	99.993	9/9/10 9:02	100	9/9/10 9:03	99.993	9/9/10 9:04	99.9	100.1	100g Check Passed
10601202	31116	50	49.995	9/9/10 9:02	49.992	9/9/10 9:03	49.998	9/9/10 9:04	49.95	50.05	50g Check Passed
10601202	31116	30	30.001	9/9/10 9:02	29.996	9/9/10 9:03	29.998	9/9/10 9:04	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/9/10 9:02	1	9/9/10 9:03	1.001	9/9/10 9:04	0.999	1.001	1g Check Passed
Working follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-9-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: DM

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

Date: 9/9/10

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of three (3) water samples were received on 09/03/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HS100168	ND	1	NA	1.00	0.400	09/07/1017:48	NA	HS100101	NA	HS001W	NA	NA
MW-70-PMW06A-A10	1066-04	ND	1	NA	1.00	0.400	09/07/1019:04	NA	HS100113	NA	HS001W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	1066-05	ND	1	NA	1.00	0.400	09/07/1019:07	NA	HS100114	NA	HS001W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	ND	1	NA	1.00	0.400	09/07/1019:11	NA	HS100115	NA	HS001W	09/03/1013:34	09/03/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HSI 001

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☑ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWI-01-167	6.79
Spike	NA	
$Na_2S_2O_3$ Standard	SWRI-01-263	0.025N
Iodine	SWRI-01-234B	0.025N
HCl	SWPI-05-174	1:1
Indicator	SWRI-01-247	-

Analyzed By: MTW

Date: 9/7/10

SM4500-S^{2-} H

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-H

Analytical Batch: HSI001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HSI0011	HSI001WB	0.76	mg/L	9/7/10 17:48	25			ND ~~#VALUE!~~	mg/L	
HSI0012	HSI001WL	5.8	mg/L	9/7/10 17:59	25			#VALUE!	mg/L	
HSI0013	HSI001WC	5.6	mg/L	9/7/10 18:03	25			#VALUE!	mg/L	
HSI0014	H661-09	1	mg/L	9/7/10 18:08	25	6.99	10900	0.42	mg/L	
HSI0015	H661-10	5.44	mg/L	9/7/10 18:12	25	7.37	5140	1.33	mg/L	
HSI0016	I019-02	1.68	mg/L	9/7/10 18:16	25	7.14	23400	0.57	mg/L	
HSI0017	I019-03	0.8	mg/L	9/7/10 18:31	25	7.19	2510	0.26	mg/L	
HSI0018	I019-04	0.8	mg/L	9/7/10 18:36	25	7.18	2600	0.26	mg/l	
HSI0019	I043-02	ND	mg/L	9/7/10 18:42	25	6.68	1860	ND	mg/l	
HSI00110	I043-03	0.76	mg/L	9/7/10 18:47	25	7.73	1590	0.1	mg/l	
HSI00111	I043-04	0.88	mg/L	9/7/10 18:52	25	7.76	1500	0.11	mg/L	
HSI00112	I043-05	0.96	mg/L	9/7/10 18:57	25	7.74	1660	0.12	mg/L	
HSI00113	I066-04	0.84	mg/L	9/7/10 19:04	25	7.69	2350	0.12	mg/L	
HSI00114	I066-05	0.96	mg/L	9/7/10 19:07	25	7.65	1700	0.1	mg/L	
HSI00115	I066-06	1	mg/L	9/7/10 19:11	25	7.06	2330	0.41	mg/L	
HSI00116	I075-01	0.72	mg/L	9/7/10 19:16	25	7.51	1310	0.15	mg/L	
HSI00117	I075-02	0.8	mg/L	9/7/10 19:20	25	7.93	1070	0.07	mg/L	
HSI00118	I075-02D	0.8	mg/L	9/7/10 19:25	25	7.92	1090	0.07	mg/l	

MM 9/7/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277\times10^{-3}T + 5.399\times10^{-6}T^2$$

$$I = 1.6\times10^{-5}Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m}$$

$$H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: MOTN

Reviewed by: MMM

Date: 9/7/10

Where: T(K) = T°C+273.15 pK1=dissociation constant for zero ionic strength A= Debye Hückel Parameter I= Ionic Strength pfm=negative logarithm of the monovalent ion activity coefficient K'1=conditional ionization constant H+=Hydrogen ion concentration ST= Total Sulfide Concentration

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HS1001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titant V_t (ml)	Analysis Date mm:dd:yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HSI0011	HSI001WB	100	5	4.81	09:07:10	17:48:18	0.76	0.76	0000	mg/L
HSI0012	HSI001WL	100	5	2.55	09:07:10	17:59:08	5.8	5.8		mg/L
HSI0013	HSI001WC	100	5	3.6	09:07:10	18:03:19	5.6	5.6		mg/L
HSI0014	H661-09	100	5	4.75	09:07:10	18:08:30	1	1	9999	mg/L
HSI0015	H661-10	100	5	3.64	09:07:10	18:12:20	5.44	5.44		mg/L
HSI0016	H019-02	100	5	4.59	09:07:10	18:16:50	1.68	1.68	1.68J	mg/L
HSI0017	H019-03	100	5	4.8	09:07:10	18:31:21	0.8	0.8	0000	mg/L
HSI0018	H019-04	100	5	4.8	09:07:10	18:36:03	0.8	0.8	0000	mg/L
HSI0019	H043-02	100	5	4.91	09:07:10	18:42:31	0.36	ND		mg/L
HSI00110	H043-03	100	5	4.81	09:07:10	18:47:59	0.76	0.76	0000	mg/L
HSI00111	H043-04	100	5	4.78	09:07:10	18:52:43	0.88	0.88	9999	mg/L
HSI00112	H043-05	100	5	4.76	09:07:10	18:57:02	0.96	0.96	0000	mg/L
HSI00113	H066-04	100	5	4.79	09:07:10	19:04:25	0.84	0.84	9999	mg/L
HSI00114	H066-05	100	5	4.76	09:07:10	19:07:49	0.96	0.96	0000	mg/L
HSI00115	H066-06	100	5	4.75	09:07:10	19:11:31	1	1	9999	mg/L
HSI00116	H075-01	100	5	4.82	09:07:10	19:16:04	0.72	0.72	9999	mg/L
HSI00117	H075-02	100	5	4.8	09:07:10	19:20:51	0.8	0.8	0000	mg/L
HSI00118	H075-02D	100	5	4.8	09:07:10	19:25:40	0.8	0.8	0000	mg/L

STANDARDIZATION				
V_i (ml)	V_{titant} (ml)	DATE	TIME	Titant $Na_2S_2O_3$ (N)
Average Normality of Iodine (N1)=				0.025

☑ Standard Purchased as Certified Solution

$$N_2 = \frac{(N * V)_{Na_2S_2O_3}}{V_i}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER / SOIL]	6.79	444	mg/L / mg/Kg
MDL [WATER / SOIL]	0.4	10	mg/L / mg/Kg
RL	2	20	mg/L / mg/Kg

$$S(mg/L) = \frac{[(V_i * N_i) - (V_t * N_t)](16{,}000)}{V_s}$$

MS/MSD	TV=	6.79	mg/L
ID	Result (mg/L)	%Rec	RPD

Comments:

Analyzed By: [illegible]

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD SM5310B
TOC

A total of six (6) water samples were received on 09/03/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCI003WL/C were all within QC limits.
Percent recoveries for TCI007WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Samples I066-01 and -02 were diluted prior to analysis due to strong odor.

METHOD SW5310B
TOC

Client : INSIGHT ESC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1D1066

Matrix : WATER
Instrument ID : I62

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1007WB	ND	1	NA	1.00	0.500	09/17/1015:27	NA	TC1004-04	TC1004-02	TC1007W	NA	NA
LCS1W	TC1007WL	25.0	1	NA	1.00	0.500	09/17/1015:40	NA	TC1004-05	TC1004-02	TC1007W	NA	NA
LCD1W	TC1007WC	24.9	1	NA	1.00	0.500	09/17/1015:53	NA	TC1004-06	TC1004-02	TC1007W	NA	NA
MW-70-PMW01A-A10	1066-01T	910	40	NA	40.0	20.0	09/17/1018:49	NA	TC1004-12	TC1004-02	TC1007W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02T	915	40	NA	40.0	20.0	09/17/1019:03	NA	TC1004-13	TC1004-02	TC1007W	09/03/1010:13	09/03/10
MBLK2W	TC1003WB	ND	1	NA	1.00	0.500	09/10/1017:21	NA	TC1002-05	TC1002-02	TC1003W	NA	NA
LCS2W	TC1003WL	24.8	1	NA	1.00	0.500	09/10/1017:34	NA	TC1002-06	TC1002-02	TC1003W	NA	NA
LCD2W	TC1003WC	24.7	1	NA	1.00	0.500	09/10/1017:47	NA	TC1002-07	TC1002-02	TC1003W	NA	NA
MW-70-PMW01B-A10	1066-03	67.5	1	NA	1.00	0.500	09/10/1022:38	NA	TC1002-31	TC1002-26	TC1003W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	1066-04	1.22	1	NA	1.00	0.500	09/10/1022:49	NA	TC1002-32	TC1002-26	TC1003W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	1066-05	0.7523	1	NA	1.00	0.500	09/10/1023:00	NA	TC1002-33	TC1002-26	TC1003W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	15.2	1	NA	1.00	0.500	09/10/1023:12	NA	TC1002-34	TC1002-26	TC1003W	09/03/1013:34	09/03/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1007WB TC1007WL TC1007WC
LAB FILE ID: TC1004-04 TC1004-05 TC1004-06
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/17/1015:27 09/17/1015:40 09/17/1015:53 DATE RECEIVED: NA
PREP. BATCH: TC1007W TC1007W TC1007W
CALIB. REF: TC1004-02 TC1004-02 TC1004-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.0	100	25.0	24.9	100	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: TC1003WB TC1003WL TC1003WC
LAB FILE ID: TC1002-05 TC1002-06 TC1002-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1017:21 09/10/1017:34 09/10/1017:47 DATE RECEIVED: NA
PREP. BATCH: TC1003W TC1003W TC1003W
CALIB. REF: TC1002-02 TC1002-02 TC1002-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.7	99	0	85-115	20

ANALYSIS RUN LOG
for
TOC

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/10/10 15:38

end (date & time) 9/11/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W/TCI004W

TCI003W/TCI004W

10H344-08

10H337-03

10I019-01

10H661-01,02,03

10I053-01,03

10I043-01 → 05

10I032-01

10I066-01 → 06

10I062-01,02

10I029-01 → 08

10I075-01,02

10I091-01-04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-03-324	25
CCV	SW10B-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: dm

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	0A-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	0A-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	0A-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	0A-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	0A-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	0A-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	0A-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	0A-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	0A-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	0A-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	0A-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	0A-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	0A-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	0A-123456	C:\Pro	1.000	NPOC:~~2.344 mg/L~~	
18	Unknown	NPOC	10I053-01M	TCI002-18	0A-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	0A-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	0A-123456	C:\Pro	1.000	NPOC:1.389 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	0A-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	0A-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	0A-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	0A-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	0A-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	0A-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	0A-123456	C:\Pro	1.000	NPOC:0.05246 mg/	
28	Unknown	NPOC	10I032-01	TCI002-28	0A-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	0A-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	0A-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	0A-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	0A-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	0A-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	0A-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	0A-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	0A-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	0A-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	0A-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	0A-123456	C:\Pro	1.000	NPOC:0.09060 mg/	
40	Unknown	NPOC	10I062-01	TCI002-40	0A-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	0A-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	0A-123456	C:\Pro	1.000	NPOC:~~0.7145 mg/L~~	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	0A-123456	C:\Pro	1.000	NPOC:~~0.5054 mg/L~~	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	0A-123456	C:\Pro	1.000	NPOC:~~0.6224 mg/L~~	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	0A-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	0A-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	0A-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	0A-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	0A-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	0A-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	0A-123456	C:\Pro	1.000	NPOC:0.08001 mg/	
52	Unknown	NPOC	10I075-01	TCI002-52	0A-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	0A-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	0A-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	0A-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	0A-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	0A-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	0A-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	0A-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	0A-123456	C:\Pro	1.000	NPOC:0.07807 mg/	
63									
64									FINAL
65									
66									
67									

09/13/10 09:28:36 AM

Instr.Information

System	Ion
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

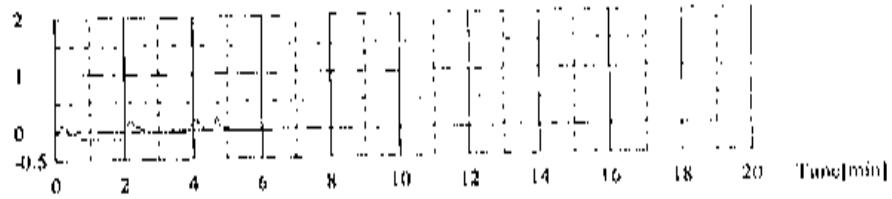
Sample Name:	ICAL
Sample ID:	TCI002-01
Cal. Curve:	TCI002.2010_09_10_15_30_25.cal

Type	Anal.
Standard	NPOC

Conc. 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	-------		09/10/10 03:38:37 PM
2	0.000	50uL	1	-------		09/10/10 03:40:43 PM
3	0.2240	50uL	1	-------		09/10/10 03:41:30 PM
4	0.000	50uL	1	-------		09/10/10 03:43:36 PM

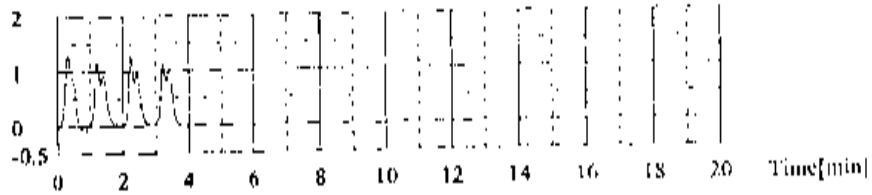
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.05600



Conc. 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.353	50uL	10	-------		09/10/10 04:51:42 PM
2	2.308	50uL	10	-------		09/10/10 03:52:57 PM
3	2.326	50uL	10	-------		09/10/10 03:54:06 PM
4	2.370	50uL	10	-------		09/10/10 03:55:17 PM

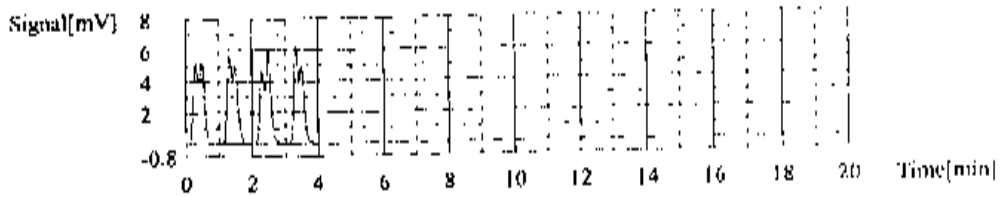
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	2.339



Conc: 5.000mg/L

No.	Area	Inj. Vol	Aut. Dil	Rem.	Ex	Date / Time
1	10.62	50uL	2	-------		09/10/10 04:01:34 PM
2	10.84	50uL	2	-------		09/10/10 04:02:45 PM
3	11.03	50uL	2	-------		09/10/10 04:03:58 PM
4	10.90	50uL	2	-------		09/10/10 04:05:07 PM

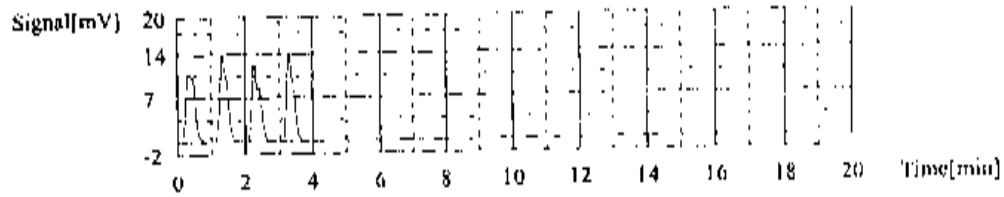
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 10.85



Conc: 10.00mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.08	50uL	1	------		09/10/10 04:10:41 PM
2	21.57	50uL	1	------		09/10/10 04:11:50 PM
3	21.32	50uL	1	------		09/10/10 04:13:03 PM
4	21.45	50uL	1	------		09/10/10 04:14:11 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 21.36



Conc: 40.00mg/L

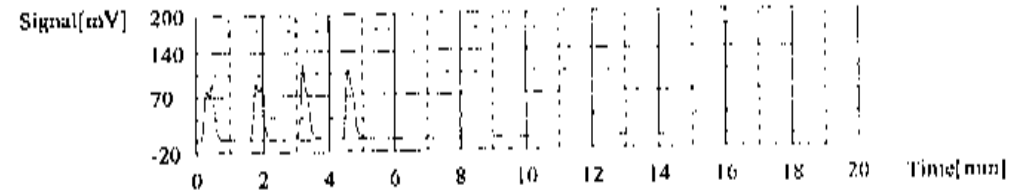
No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	84.53	50uL	2	------		09/10/10 04:22:38 PM
2	84.83	50uL	2	------		09/10/10 04:24:11 PM
3	85.33	50uL	2	------		09/10/10 04:25:38 PM
4	85.03	50uL	2	------		09/10/10 04:27:07 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06

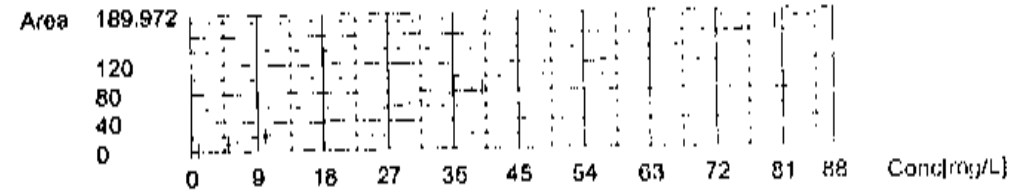
Conc: 80.00mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	172.2	50uL	1	------		09/10/10 04:33:09 PM
2	173.1	50uL	1	------		09/10/10 04:34:46 PM
3	174.2	50uL	1	------		09/10/10 04:36:20 PM
4	173.1	50uL	1	------		09/10/10 04:37:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope. 2.159
Intercept 0.000
r^2 0.999920



Control Sample

Sample Name: ICV
Sample ID: TCI002-02
Method: TCI002.1pl
Chk. Result: Control value: 24.82 / Control exceeds range!

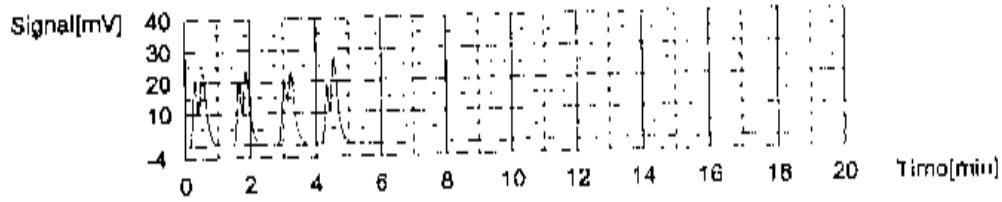
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC 24.82 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.83	24.94mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:44 PM
3	53.62	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area 53.58
Mean Conc. 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002-03
Origin: TCI002.cal
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC 0.1316 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2595	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1219mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:02 PM
3	0.2593	0.1201mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1640mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:05 PM

Mean Area 0.2840
Mean Conc. 0.1316mg/L

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Start (date & time) 9/17/10 13:48

End (date & time) 9/17/10 23:12

TCI007W:

10I148-01 → 04

10I066-01, 02

10I142-01, 09, 10

10I483-01

10I481-01 → 03

10I188-03

10I173-02

10I193-01, 02

10I468-01

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI004
Method File:	TCI004
Analytical Batch:	TCI007W

SOP #	Rev. #
☐ EMAX-415.1	2
☐ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	Nanopure	0
S1	SW10B-03-321	1
S2		5
S3		10
S4		40
S5		80
S6		—
ICV/LCS	SW10B-03-326	2.5
CCV	SW10B-03-327	2.5

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/17/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICAL	TCI004-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI004-02	0A-123456	C:\Pro	1.000	NPOC:25.13 mg/L	
3	Unknown	NPOC	ICB	TCI004-03	0A-123456	C:\Pro	1.000	NPOC:0.3574 mg/L	
4	Unknown	NPOC	TCI007WB	TCI004-04	0A-123456	C:\Pro	1.000	NPOC:0.2569 mg/L	
5	Unknown	NPOC	TCI007WL	TCI004-05	0A-123456	C:\Pro	1.000	NPOC:25.02 mg/L	
6	Unknown	NPOC	TCI007WC	TCI004-06	0A-123456	C:\Pro	1.000	NPOC:24.95 mg/L	
7	Unknown	NPOC	HCO3/CO3	TCI004-07	0A-123456	C:\Pro	1.000	NPOC:0.3858 mg/L	
8	Unknown	NPOC	10I148-01R	TCI004-08	0A-123456	C:\Pro	1.000	NPOC:~~1.651 mg/L~~	1.610 mg/L Am 9/21
9	Unknown	NPOC	10I148-02R	TCI004-09	0A-123456	C:\Pro	1.000	NPOC:2.064 mg/L	✓
10	Unknown	NPOC	10I148-03R	TCI004-10	0A-123456	C:\Pro	1.000	NPOC:~~2.061 mg/L~~	1.970 mg/L Am 9/21
11	Unknown	NPOC	10I148-04R	TCI004-11	0A-123456	C:\Pro	1.000	NPOC:~~1.872 mg/L~~	1.794 mg/L
12	Unknown	NPOC	10I066-01T	TCI004-12	0A-123456	C:\Pro	40.00	NPOC:910.0 mg/L	DF=40
13	Unknown	NPOC	10I066-02T	TCI004-13	0A-123456	C:\Pro	40.00	NPOC:915.3 mg/L	DF=40
14	Control	NPOC	CCV1	TCI004-14	0A-123456	C:\Pro	1.000	NPOC:26.05 mg/L	
15	Unknown	NPOC	CCB1	TCI004-15	0A-123456	C:\Pro	1.000	NPOC:0.2988 mg/L	
16	Unknown	NPOC	10I147-07R	TCI004-16	0A-123456	C:\Pro	1.000	NPOC:~~1.007 mg/L~~	0.6381 mg/L Am 9/21
17	Unknown	NPOC	10I147-07Z	TCI004-17	0A-123456	C:\Pro	1.000	NPOC:0.9501 mg/L	
18	Unknown	NPOC	10I147-07G	TCI004-18	0A-123456	C:\Pro	1.000	NPOC:26.33 mg/L	
19	Unknown	NPOC	10I147-07H	TCI004-19	0A-123456	C:\Pro	1.000	NPOC:26.61 mg/L	
20	Unknown	NPOC	10I147-09T	TCI004-20	0A-123456	C:\Pro	4.000	NPOC:5.108 mg/L	DF=4
21	Unknown	NPOC	10I147-10T	TCI004-21	0A-123456	C:\Pro	4.000	NPOC:5.214 mg/L	DF=4
22	Unknown	NPOC	10I483-01	TCI004-22	0A-123456	C:\Pro	1.000	NPOC:11.45 mg/L	PH<2
23	Unknown	NPOC	10I481-01	TCI004-23	0A-123456	C:\Pro	1.000	NPOC:3.394 mg/L	PH<2
24	Unknown	NPOC	10I481-02	TCI004-24	0A-123456	C:\Pro	1.000	NPOC:2.848 mg/L	PH<2
25	Unknown	NPOC	10I481-03	TCI004-25	0A-123456	C:\Pro	1.000	NPOC:3.075 mg/L	PH<2
26	Control	NPOC	CCV2	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:25.98 mg/L	
27	Unknown	NPOC	CCB2	TCI004-27	0A-123456	C:\Pro	1.000	NPOC:0.2164 mg/L	
28	Unknown	NPOC	10I188-03	TCI004-28	0A-123456	C:\Pro	1.000	NPOC:~~0.6863 mg/L~~	0.605 mg/L PH<2 Am 9/21
29	Unknown	NPOC	10I173-02	TCI004-29	0A-123456	C:\Pro	1.000	NPOC:1.425 mg/L	PH<2
30	Unknown	NPOC	10I193-01	TCI004-30	0A-123456	C:\Pro	1.000	NPOC:11.59 mg/L	PH<2
31	Unknown	NPOC	10I193-02	TCI004-31	0A-123456	C:\Pro	1.000	NPOC:5.357 mg/L	PH<2
32	Unknown	NPOC	10I468-01	TCI004-32	0A-123456	C:\Pro	4.000	NPOC:60.48 mg/L	PH<2 DF=4
33	Control	NPOC	CCV3	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:25.86 mg/L	
34	Unknown	NPOC	CCB3	TCI004-27	0A-123456	C:\Pro	1.000	NPOC:0.3386 mg/L	
35									
36									
37									
38									
39									
40									
41									
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67									

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/14/10 09:40
Sample ID:	IW-70-SAB06-A10	Date Analyzed:	09/14/10 13:05
Lab Samp ID:	I043-01	Dilution Factor:	1
Lab File ID:	FI14011A	Matrix :	WATER
Ext Btch ID:	DG1008W	% Moisture :	NA
Calib. Ref.:	FI14002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	3.2	2.0	0.60
METHANE	540E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/14/10 09:40
Sample ID:	IW-70-SAB06-A10DL	Date Analyzed:	09/14/10 15:28
Lab Samp ID:	1043-01T	Dilution Factor:	1000
Lab File ID:	FI14018A	Matrix :	WATER
Ext Btch ID:	DGI008W	% Moisture :	NA
Calib. Ref.:	FI14013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	28000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/02/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/02/10
Batch No. : 101043	Date Extracted: 09/14/10 09:40
Sample ID: MW-70-PMW03A-A10	Date Analyzed: 09/14/10 13:29
Lab Samp ID: I043-02	Dilution Factor: 1
Lab File ID: FI14012A	Matrix : WATER
Ext Btch ID: DG1008W	% Moisture : NA
Calib. Ref.: FI14002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	2.8	2.0	0.60
METHANE	560F	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/02/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/02/10
Batch No. : 101043	Date Extracted: 09/14/10 09:40
Sample ID: MW-70-PMW03A-A10DL	Date Analyzed: 09/14/10 15:46
Lab Samp ID: 1043-02T	Dilution Factor: 1000
Lab File ID: F114019A	Matrix : WATER
Ext Btch ID: DGI008W	% Moisture : NA
Calib. Ref.: F114013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	75000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/14/10 09:40
Sample ID:	MW-7D-PMW038-A10	Date Analyzed:	09/14/10 14:00
Lab Samp ID:	1043-03	Dilution Factor:	1
Lab File ID:	F114014A	Matrix :	WATER
Ext Btch ID:	DG1008W	% Moisture :	NA
Calib. Ref.:	F114013A	Instrument ID :	GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	3.0	2.0	0.60
METHANE	370E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 101043	Date Extracted:	09/14/10 09:40
Sample ID:	MW-70-PMW038-A100L	Date Analyzed:	09/14/10 16:01
Lab Samp ID:	1043-03T	Dilution Factor:	400
Lab File ID:	FI14020A	Matrix :	WATER
Ext Btch ID:	DG1008W	% Moisture :	NA
Calib. Ref.:	FI14013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	7200	800	240

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/02/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/02/10
Batch No. : 101043	Date Extracted: 09/14/10 09:40
Sample ID: MW-70-PMW02A-A10	Date Analyzed: 09/14/10 14:37
Lab Samp ID: 1043-04	Dilution Factor: 1
Lab File ID: F114015A	Matrix : WATER
Ext Btch ID: DGI008W	% Moisture : NA
Calib. Ref.: F114013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	350E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 10I043	Date Extracted:	09/14/10 09:40
Sample ID:	MW-70-PMW02A-A100L	Date Analyzed:	09/14/10 16:23
Lab Samp ID:	I043-04T	Dilution Factor:	400
Lab File ID:	FI14021A	Matrix :	WATER
Ext Btch ID:	OGI008W	% Moisture :	NA
Calib. Ref.:	FI14013A	Instrument ID :	GCI010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	5900	800	240

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/02/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/02/10
Batch No.	: 10I043	Date Extracted:	09/14/10 09:40
Sample ID:	MW-70-PMW02B-A10	Date Analyzed:	09/14/10 15:01
Lab Samp ID:	I043-05	Dilution Factor:	1
Lab File ID:	FI14016A	Matrix :	WATER
Ext Btch ID:	DGI008W	% Moisture :	NA
Calib. Ref.:	FI14013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	39E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/02/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/02/10
Batch No. : 101043	Date Extracted: 09/14/10 09:40
Sample ID: MW-7D-PMW02B-A10DL	Date Analyzed: 09/14/10 15:15
Lab Samp ID: 1043-05T	Dilution Factor: 2
Lab File ID: FI14017A	Matrix : WATER
Ext Btch ID: DG1008W	% Moisture : NA
Calib. Ref.: FI14013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	4.0	1.2
ETHENE	ND	4.0	1.2
METHANE	35	4.0	1.2

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/14/10
Batch No. : 10ID43	Date Extracted: 09/14/10 09:40
Sample ID: MBLK1W	Date Analyzed: 09/14/10 10:51
Lab Samp ID: DGI008WB	Dilution Factor: 1
Lab File ID: FI14003A	Matrix : WATER
Ext Btch ID: DGI008W	% Moisture : NA
Calib. Ref.: FI14002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1D1043
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DG1008WB	DG1008WL	DG1008WC		
LAB FILE ID:	FI14003A	FI14004A	FI14005A		
DATE EXTRACTED:	09/14/1009:40	09/14/1009:40	09/14/1009:40	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1010:51	09/14/1011:06	09/14/1011:25	DATE RECEIVED:	09/14/10
PREP. BATCH:	DG1008W	DG1008W	DG1008W		
CALIB. REF:	FI14002A	FI14002A	FI14002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	23.8	94	25.4	23.5	93	1	70-140	30
Ethene	ND	23.7	21.8	92	23.7	21.7	92	0	70-140	30
Methane	ND	13.6	12.0	88	13.6	12.0	88	0	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : FMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17195	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28280	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

AA
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:59
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QI	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10FD8.MET

NA
06/08/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FJ14002A 09/14/2010 10:38
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	375837	12.61	-7		15
Ethylene	2.642	2.591	2.693	23.7	18047.8	399583	22.14	7		15
Ethane	3.075	3.025	3.125	25.4	26515.2	640016	24.14	-5		15
Propane	5.950	5.863	6.037	37.3	28066.5	1012360	36.07	-3		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXO.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F114013A 09/14/2010 13:46
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	415417	13.94	3		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	434422	24.07	1		15
Ethane	3.083	3.033	3.133	25.4	26515.2	692896	26.13	3		15
Propane	5.958	5.871	6.045	37.3	28066.5	1084676	38.65	4		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : FMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI14026A 09/14/2010 17:43
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	371589	12.47	-8		15
Ethylene	2.658	2.607	2.709	23.7	18047.8	396641	21.98	-7		15
Ethane	3.100	3.050	3.150	25.4	26515.2	626926	23.64	-7		15
Propane	5.967	5.880	6.054	37.3	28066.5	963242	34.32	-8		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG1CF08
Analytical Batch:	N/A

SOP #	Rev. #
☒ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc ~~(µg/L)~~ ug/L
DGAS ICAL (scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: Ff08.seq Data: Ff08.009 - [Batch: ff08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD	Mult.
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Calculator | Method Dg10f08.met - B... | Tuesday, June 08, 2010

ANALYSIS RUN LOG
for
DISSOLVED GAS

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG1008 : I062, I018, I043, I053

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FI14
Method File:	DG10F08
Analytical Batch:	CDG10F08329

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SSSB-06-40-1	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/14/10

Disposed By: SC

Date Disposed: 9/14/10

Method: Dg10f08.met Batch: Fi14.seq Data: Fi14.026 - [Batch: fi14.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	IB101329	dg10f08.met	FI14.001	0	100ul	0	1
2	Unknown	CDG10F08329	dg10f08.met	FI14.002	0		0	1
3	Unknown	DGI008WB	dg10f08.met	FI14.003	0		0	1
4	Unknown	DGI008WL	dg10f08.met	FI14.004	0		0	1
5	Unknown	DGI008WC	dg10f08.met	FI14.005	0		0	1
6	Unknown	10I062-01	dg10f08.met	FI14.006	0		0	1
7	Unknown	10I062-02	dg10f08.met	FI14.007	0		0	1
8	Unknown	10I018-01 RR CHYE	dg10f08.met	FI14.008	0		0	1
9	Unknown	10I018-01T DF=1000 Not evaluated, Bad Sig	dg10f08.met	FI14.009	0	2ul (20x)	0	1000
10	Unknown	10I018-01T DF=1000	dg10f08.met	FI14.010	0	2ul (20x)	0	1000
11	Unknown	10I043-01 RR CHYE	dg10f08.met	FI14.011	0	100ul	0	1
12	Unknown	10I043-02 RR CHYE	dg10f08.met	FI14.012	0		0	1
13	Unknown	CDG10F08330	dg10f08.met	FI14.013	0		0	1
14	Unknown	10I043-03 RR CHYE	dg10f08.met	FI14.014	0		0	1
15	Unknown	10I043-04 RR CHYE	dg10f08.met	FI14.015	0		0	1
16	Unknown	10I043-05 RR CHYE	dg10f08.met	FI14.016	0		0	1
17	Unknown	10I043-05T DF=2	dg10f08.met	FI14.017	0	50ul	0	2
18	Unknown	10I043-01T DF=1000	dg10f08.met	FI14.018	0	2ul (20x)	0	1000
19	Unknown	10I043-02T DF=1000	dg10f08.met	FI14.019	0	2ul (20x)	0	1000
20	Unknown	10I043-03T DF=400	dg10f08.met	FI14.020	0	5ul (20x)	0	400
21	Unknown	10I043-04T DF=400	dg10f08.met	FI14.021	0	5ul (20x)	0	400
22	Unknown	10I053-01 RR CHYE	dg10f08.met	FI14.022	0	100ul	0	1
23	Unknown	10I053-01T DF=10	dg10f08.met	FI14.023	0	10ul	0	10
24	Unknown	10I053-03	dg10f08.met	FI14.024	0	100ul	0	1
25	Unknown	CDG10F08331 Not evaluated	dg10f08.met	FI14.025	0		0	1
26	Unknown	CDG10F08331	dg10f08.met	FI14.026	0		0	1
27	Unknown	IB	dg10f08.met	FI14.027	0		0	1
28	Unknown	IB	dg10f08.met	FI14.028	0		0	1
29	Unknown	IB	dg10f08.met	FI14.029	0		0	1
30	Unknown	IB	dg10f08.met	FI14.030	0		0	1
31	Unknown	IB	dg10f08.met	FI14.031	0		0	1
32	Unknown	IB	dg10f08.met	FI14.032	0		0	1
33	Unknown	IB	dg10f08.met	FI14.033	0		0	1
34	Unknown	IB	dg10f08.met	FI14.034	0		0	1
35	Unknown	IB	dg10f08.met	FI14.035	0		0	1

FINAL

SC 9/14/10

SC

Start | EZChromChromatograph | Method: Dg10f08... | Untitled - Paint | Method:Dg10f08.met | Explorer - Exports | Calculator | Tuesday, September 14, 2010 5:46 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/14/10 Time: 9:40 End Date: 9/14/10 Time: 10:50

PREPARATION BATCH # DG1008

Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (mL)	pH	Notes
01	DG1008WB	39	4	N/A	
02	L				
03	C				
04	10I062-01			<2	
05	-02				
06	10I018-01			<2	
07	10I043-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	10I053-01			<2	
13	-03				
14					
15					
16					
17					
18				SC	9/14/10
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	Air Liquide / Aldrich

SDG #	Extract Location

Comments: Thermometer RSK-01

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	34	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				x	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	1/ml 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I043

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of four (4) water samples were received on 09/02/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI045WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY [illegible] ICP

Client : [illegible]
Project : [illegible] SITE ID.

SDG NO [illegible]
Instrument ID : [illegible]

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data File	Calibration Data File	Prep Batch	Notes
MB_KCa	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Method Blank
LCSWa	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Lab Control Sample (LCS)
[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	LCS Duplicate
[illegible]-Mn-25-[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Analytical Spike Sample
[illegible]-Mn-25-[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Field Sample
[illegible]-Mn-25-[illegible]	[illegible]	5	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Diluted Sample
[illegible]-PW[illegible]2A-A[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Field Sample
[illegible]-PW[illegible]3B-A[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Field Sample
[illegible]-PW[illegible]2A-A[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Field Sample
[illegible]-PW[illegible]2B-A[illegible]	[illegible]	1	NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Field Sample

FN : Filename
% Moist : Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ENG. INC	Date Collected:	09/02/10 10:37
Project	NWS SEAL BEACH, IR SITE 70	Date Received:	09/02/10
SDG NO	101043	Date Extracted:	09/14/10 11:00
Sample ID	MW-70-PMW03A A10	Date Analyzed	09/14/10 18:25
Lab Samp ID.	1043 02	Dilution Factor	1
Lab File ID:	ID81016035	Matrix	WATER
Ext Batch ID:	IP1045W	% Moisture	NA
Calib Ref :	ID81016032	Instrument ID	MAXI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	32.2	0.200	0.0400
Manganese	0.555	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ELEC. INC	Date Collected:	09/02/10 11 40
Project	: NWS SEAL BEACH, IR SITE 70	Date Received:	09/02/10
SDG NO	101043	Date Extracted:	09/14/10 11 00
Sample ID	MW-70 PMW038-A10	Date Analyzed:	09/14/10 18 30
Lab Samp ID	1043 03	Dilution Factor:	1
Lab File ID:	D081016036	Matrix :	WATER
Lot Batch ID:	IP10454W	% Moisture :	NA
Calib Ref :	D081016032	Instrument ID :	PMAXTID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0 200	0 00500
Iron	0.525	0 200	0 0400
Manganese	0.284	0.200	0 00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT LLC, INC	Date Collected	09/02/10 13:15
Project	: NWS SEAL BEACH, TR SITE 70	Date Received	09/02/10
SDG NO	: 101043	Date Extracted	09/14/10 11:00
Sample ID	: MW-70 PMW02A-A10	Date Analyzed	09/14/10 18:35
Lab Samp ID	: 1043-04	Dilution Factor	1
Lab File ID	: 0910016037	Matrix	WATER
Ext Btch ID.	: IP1045W	% Moisture	: NA
Calib. Ref.:	0910016032	Instrument ID	: IMAX108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.443	0.200	0.0400
Manganese	0.273	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT LEC. INC	Date Collected	09/02/10 13:42
Project	NWS SEAL BEACH, IR SITE 70	Date Received	09/02/10
SDG NO.	101043	Date Extracted	09/14/10 11:00
Sample ID	MW 70 PMW02B-A10	Date Analyzed	09/14/10 18:40
Lab Samp ID	1043 05	Dilution Factor	1
Lab File ID	100816038	Matrix	WATER
Ext. Btch ID	101045w	% Moisture	NA
Calib. Ref.	100816032	Instrument ID	LMAX1108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.287	0.200	0.0400
Manganese	0.238	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ENG. INC.	Date Collected:	NA
Project	NWS SEAL BEACH, IR SITE 70	Date Received	09/14/10
SDG NO	101043	Date Extracted.	09/14/10 11.00
Sample ID	MBLKW	Date Analyzed:	09/14/10 17:15
Lab Samp ID	IP1045WB	Dilution Factor.	1
Lab File ID	ID8I016022	Matrix	: WATER
Ext Batch ID.	IP1045W	% Moisture	NA
Calib. Ref.:	ID8I016020	Instrument ID	(MAXI10B

PARAMETERS	RESULTS (mg/L)	R. (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT TEC INC
PROJECT: NWS SLAG REACH, IR SITE 20
SDG NO.: 101048
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLKIW		
CONTROL NO.:	IP1045WB	IP1045WC	IP1045WF
LAB FILE ID:	D081016022	D081016057	D081016058
DATTIME EXTRACTED:	09/14/1011:00	09/14/1011:00	09/14/1011:00
DATTIME ANALYZED:	09/14/1017:16	09/14/1020:27	09/14/1020:32
PREP BATCH:	IP1045W	IP1045W	IP1045W
CALIB. REF.:	D081016020	D081016055	D081016055

DATE COLLECTED: NA
DATE RECEIVED: 09/14/10

ACCESSION

PARAMETER	BLNK RSLT mg/l	SPIKE AMT mg/l	BS RSLT mg/l	BS % REC	SPIKE AMT mg/l	BSD RSLT mg/l	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.496	99	.5	.498	100	0	80-120	20
Iron	ND	5	4.74	95	5	4.73	95	0	80-120	20
Manganese	ND	.5	.462	92	.5	.463	93	1	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT LEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
BATCH NO: 101043
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 5
SAMPLE ID: DUCTPIC MW 25 003 DUCTPIC MW 25 003DI
EMAX SAMP ID: T061 01 T061 01J
LAB FILE ID: D8I016G26 D8I016G27
DATE EXTRACTED: 09/14/1011:00 09/14/1011 00 DATE COLLECTED 09/02/10 10 17
DATE ANALYZED: 09/14/1017:35 09/14/1017 40 DATE RECEIVED 09/03/10
PREP. BATCH: IP1046W IPT046W
CALIB. REF.: D8I016C70 D8I016C72

ACCESSION

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	DC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	ND	ND	0	10
Manganese	ND	ND	0	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT SEC., INC
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 701043
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: OCCIPIC-MW 25 G03
CONTROL NO.: 1051-01 | 1051-01A
LAB FILE ID: IDB101602G | IDB101602S
DATTIME EXTRCTD: 09/14/1011:00 | 09/14/1011:00 | DATE COLLECTED: 09/02/10 10:17
DATTIME ANALYZD: 09/14/1017:35 | 09/14/1017:30 | DATE RECEIVED: 09/03/10
PREP BATCH: IP1046W | IP1046W
CALIB REF: IDB101602O | IDB101602O

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC.	QC LIMIT (%)
Arsenic	ND	.5	.562	112	75 125
Iron	ND	5	5.18	104	75 125
Manganese	ND	5	4.94	99	75 125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/14/10 15:24

End Date: 9/15/10 08:10

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

MRL I1601: As 123% Recovery
MRL I1607: As 112% Recovery

H661-09 Na "k value" Ca7LDR
I019-02 Na "k value" Ca7LDR
CCV17 TAs TSe

Book #: ADB-016

Instrument No.: DB

Analytical Batch: 1081016

Analytical Sequence: S-1016010 (024)

Method File: 1016010 (024)

Database: Emax12

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-07-03
S1	MA	S31	↓ 07-04
S2		ICV	SMIB12-94-02
S3		CCV	SMIB14-04-02
S4		ICSA	↓ 05-02
S5		ICSAB	↓ 0303
S6		CRI/MRL 1	SMIB12 8501
S7		~~ICV~~ MRL2	↓ 8502
S8		MLCV	
S9			
S10			
S11			
S12			
S16			
S17			
S18	↓		
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	↓ 01-05		
S26	SMIB12-100-02		
S27	↓ 100-03		
S28	SMIB14-03-01		
S29	↓ 03-02		

Analyzed By: TH

Date: 9/15/10

SEQUENCE FILE : [illegible]

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ID8I016057	IPI045WL	20:27	09/14/10	1.000
ID8I016058	IPI045WC	20:32	09/14/10	1.000
ID8I016059	ICSA2	20:41	09/14/10	1.000
ID8I016060	ICSAB2	20:46	09/14/10	1.000
ID8I016061	CCV5	20:55	09/14/10	1.000
ID8I016062	CCB5	21:00	09/14/10	1.000
ID8I016063	IPI040SB	21:05	09/14/10	1.000
ID8I016064	IPI040SL	21:10	09/14/10	1.000
ID8I016065	IPI040SC	21:15	09/14/10	1.000
ID8I016066	H365-21A	21:20	09/14/10	1.000
ID8I016067	H365-21	21:25	09/14/10	1.000
ID8I016068	H365-21J	21:30	09/14/10	5.000
ID8I016069	H365-21M	21:35	09/14/10	1.000
ID8I016070	H365-21S	21:40	09/14/10	1.000
ID8I016071	H380-06	21:45	09/14/10	1.000
ID8I016072	CCV6	21:53	09/14/10	1.000
ID8I016073	CCB6	21:58	09/14/10	1.000
ID8I016074	IPI039SB	22:04	09/14/10	1.000
ID8I016075	IPI039SL	22:09	09/14/10	1.000
ID8I016076	IPI039SC	22:14	09/14/10	1.000
ID8I016077	H365-01A	22:18	09/14/10	1.000
ID8I016078	H365-01	22:23	09/14/10	1.000
ID8I016079	H365-01J	22:28	09/14/10	5.000
ID8I016080	H365-01M	22:33	09/14/10	1.000
ID8I016081	H365-01S	22:38	09/14/10	1.000
ID8I016082	H365-02	22:43	09/14/10	1.000
ID8I016083	H365-03	22:48	09/14/10	1.000
ID8I016084	CCV7	22:57	09/14/10	1.000
ID8I016085	CCB7	23:02	09/14/10	1.000
ID8I016086	H365-04	23:07	09/14/10	1.000
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ID8I016091	H365-09	23:32	09/14/10	1.000
ID8I016092	H365-10	23:37	09/14/10	1.000
ID8I016093	H365-11	23:42	09/14/10	1.000
ID8I016094	H365-12	23:47	09/14/10	1.000
ID8I016095	H365-13	23:52	09/14/10	1.000
ID8I016096	CCV8	00:01	09/15/10	1.000
ID8I016097	CCB8	00:06	09/15/10	1.000
ID8I016098	H365-14	00:11	09/15/10	1.000
ID8I016099	H365-15	00:16	09/15/10	1.000
ID8I016100	H365-16	00:21	09/15/10	1.000
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ID8I016103	H365-19	00:36	09/15/10	1.000
ID8I016104	H365-20	00:41	09/15/10	1.000
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ID8I016106	CCB9	00:55	09/15/10	1.000
ID8I016107	IPI041SB	01:00	09/15/10	1.000
ID8I016108	IPI041SL	01:05	09/15/10	1.000
ID8I016109	IPI041SC	01:10	09/15/10	1.000
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ID8I016111	I068-01T	01:20	09/15/10	10.00

ID8I016112	I068-01J	01:25	09/15/10	50.00
ID8I016113	I068-02T	01:30	09/15/10	10.00
ID8I016114	I068-03T	01:35	09/15/10	10.00
ID8I016115	I068-04T	01:40	09/15/10	10.00
ID8I016116	I068-05T	01:45	09/15/10	10.00
ID8I016117	CCV10	01:54	09/15/10	1.000
ID8I016118	CCB10	01:59	09/15/10	1.000
ID8I016119	I068-06T	02:04	09/15/10	10.00
ID8I016120	I068-07T	02:09	09/15/10	10.00
ID8I016121	I068-08T	02:14	09/15/10	10.00
ID8I016122	I068-09T	02:19	09/15/10	10.00
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ID8I016124	H638-19T	02:29	09/15/10	10.00
ID8I016125	CCV11	02:38	09/15/10	1.000
ID8I016126	CCB11	02:43	09/15/10	1.000
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ID8I016128	H354-05T	02:53	09/15/10	5.000
ID8I016129	H354-05J	02:58	09/15/10	25.00
ID8I016130	H354-05M	03:04	09/15/10	5.000
ID8I016131	H354-05S	03:09	09/15/10	5.000
ID8I016132	H354-05T	03:14	09/15/10	5.000
ID8I016133	H354-05M	03:19	09/15/10	5.000
ID8I016134	H354-05S	03:24	09/15/10	5.000
ID8I016135	CCV12	03:33	09/15/10	1.000
ID8I016136	CCB12	03:38	09/15/10	1.000
ID8I016137	IPI046WB	03:43	09/15/10	1.000
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ID8I016139	IPI046WC	03:53	09/15/10	1.000
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ID8I016141	I714-01	04:03	09/15/10	1.000
ID8I016142	I714-01D	04:09	09/15/10	1.000
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ID8I016144	I714-01M	04:19	09/15/10	1.000
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ID8I016146	CCV13	04:33	09/15/10	1.000
ID8I016147	CCB13	04:38	09/15/10	1.000
ID8I016148	ICSA3	04:44	09/15/10	1.000
ID8I016149	ICSAB3	04:49	09/15/10	1.000
ID8I016150	CCV14	04:58	09/15/10	1.000
ID8I016151	CCB14	05:03	09/15/10	1.000
ID8I016152	I036-01	05:08	09/15/10	1.000
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ID8I016162	CCV15	06:04	09/15/10	1.000
ID8I016163	CCB15	06:09	09/15/10	1.000
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ID8I016168	I036-15	06:34	09/15/10	1.000

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VERSION : ICP UNIT : R SUMMARY of ICV and CCV : [illegible] DATE : [illegible] INST : [illegible]

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S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
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S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
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S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	103	104	104	101	104	101	103	105	102	96	100	97	96	103	98	95	102	103	103	105	102	107	98	95	99	101	101	107
ICB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
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MB11602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
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CCV1	107	104	105	102	104	103	103	104	102	97	99	96	96	103	97	94	102	103	104	106	102	107	98	96	99	101	101	108
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IP1045AC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1054A2	99	----	----	----	----	----	----	97	----	----	----	93	----	----	93	----	----	----	----	----	----	----	----	----	----	----	----	----
1054B2	95	102	107	106	96	97	103	96	95	91	103	92	97	106	91	96	103	99	107	106	107	111	97	89	96	95	96	104
CC93	106	104	106	105	103	101	103	106	105	96	98	93	96	104	99	94	101	102	107	107	103	109	99	95	99	101	103	105
CC95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1104SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1104SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1104SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-21S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC75	106	104	106	103	103	101	103	105	105	96	97	97	96	102	98	93	102	103	107	106	103	109	99	96	98	101	103	109
CC85	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1039SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC77	106	102	105	102	101	100	102	104	104	94	97	97	95	102	97	93	106	101	106	106	102	107	97	94	97	99	101	108
CC87	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC78	103	102	104	103	102	102	102	104	103	96	96	95	95	103	96	92	103	101	107	105	102	107	97	94	97	99	101	108
CC88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H365-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC79	106	102	103	105	106	102	102	105	105	95	95	98	96	103	95	94	102	102	106	108	103	111*	100	97	98	98	101	105
CC89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1042SB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1042SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1042SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1065-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1065-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1068-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-013	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-016	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0811	108	103	105	104	102	101	102	105	115	95	97	96	95	104	95	93	100	101	109	106	102	109	98	94	97	101	112	108
0811	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-067	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-077	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-087	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-097	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4608-107	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4608-107	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0811	105	102	113	104	100	101	102	115	104	94	98	96	95	104	96	94	101	101	105	107	102	110	99	96	97	98	101	109
0811	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-154	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-157	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-162	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-164	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-165	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-169	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4354-169	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0812	106	104	109	106	101	102	104	105	106	96	100	99	97	106	96	94	103	103	108	109	104	112*	101	98	99	99	107	109
0812	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-013	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-012	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-013	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0812	106	104	109	107	101	102	103	105	106	96	99	93	97	106	96	94	103	103	109	105	104	112*	101	98	99	99	107	109
0812	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0812	95	....	....	....	....	....	....	97	....	....	....	93	....	....	91	....	....	....	....	....	....	....	....	....	....	....	....	....
0812	98	100	109	109	95	101	101	95	97	91	101	92	93	109	92	88	112	99	111	118	108	114	99	91	95	95	97	107
0814	105	104	109	106	101	102	104	106	106	96	101	99	97	106	96	94	103	103	108	105	104	112*	101	98	99	99	107	109
0814	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0816	106	112	119	106	101	111	113	104	104	95	101	93	96	105	94	92	103	112	117	109	100	112*	103	97	96	93	101	106
0816	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1136-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1036-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCV16	104	102	109	106	99	102	102	104	115	94	93	97	95	106	99	90	102	101	118	108	103	112*	110	97	97	97	101	109
CCB16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1042W3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1042W4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1042W5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
WT1028B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-017	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-018	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-019	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-025	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-027	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCV17	105	104	111*	105	99	104	104	105	107	96	102	99	97	109	94	94	104	103	110	111*	105	116*	103	99	98	98	102	109
CCB17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of QC limit

VERSION 104 UNIT : UG/L SUMMARY of CALIBRATION BLANKS : IDB1016 (WATER) DATE : 89/10/10 INST : ICP

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB	4.77	11.8	1.27	-.381	-.320	1.43	-.010	19.7	.363	.140	-.271	-7.43	-.323	.030	-3.37	.863	.920	.335	13.6	.770	-.130	23.4	-.372	.863	.110	.526	-.063	.410
MRL1601	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL1602	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS4]	----	3.36	-.323	-.023	-.070	-9.65	-1.29	----	.030	-1.13	-.353	----	.013	1.32	---	1.91	-2.26	-.856	-23.3	1.11	-.121	56.9	.153	-2.04	.590	.103	-.270	2.44
IDSAB1	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	10.3	7.76	1.46	.650	.070	1.43	.340	24.4	.130	.313	.353	-6.37	-.230	-.113	4.03	.170	.921	.133	17.0	1.27	-.356	25.8	.323	.890	.120	.233	-.010	.330
IP1045mB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03E	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB2	6.51	12.3	2.22	-.251	.013	1.37	.121	19.3	.030	.131	-.241	-8.94	-.195	.211	3.46	.151	1.02	.115	12.1	.460	1.94	45.6	-.133	.660	.302	.183	-.020	.201
IDS1-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS2	10.4	7.88	2.29	.041	.030	1.17	.391	23.9	.131	.160	-.193	-6.22	.323	-.191	3.46	.171	.670	.283	.136	1.43	-.361	.267	-.053	.870	-.181	.623	.056	.372
IDS1-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IDS1-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	8.75	9.86	1.29	.190	.110	1.23	.140	33.7	.240	.070	-.120	-6.32	.250	.010	1.46	.301	1.36	.240	.123	1.06	.230	.280	-.300	.910	.143	.220	-.133	.650
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	4.29	1.16	-.360	-.103	-4.73	-1.54	----	.273	1.14	-.420	----	1.15	1.37	----	1.93	-2.43	-1.03	54.7	2.79	-.140	.345	.250	-.400	.213	.030	-.440	1.77
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	8.59	9.51	2.03	.073	.060	1.12	.050	38.1	.020	.030	-.270	-5.95	-.020	-.130	3.82	.090	1.02	.163	55.0	.320	-.130	.145	-.283	1.303	-.220	.520	-.363	.713
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1068-011	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-027	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-037	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-147	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1068-157	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC410	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB10	2.69	6.79	1.32	-.230	-.210	1.17	.020	-7.86	-.231	.013	-.230	-9.04	-.281	-.760	-.351	.231	.990	.230	-36.7	1.19	.010	31.0	-.120	.581	-.279	.350	-.120	-.703
1065-067	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1065-077	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1065-087	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1065-097	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H633-117	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H633-127	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC411	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB11	2.32	6.61	2.12	.030	.261	1.64	.151	.361	.101	-.349	.031	-7.03	.280	-.351	-1.71	.111	1.15	.140	-9.62	1.36	-.063	25.6	-.030	.931	.010	.380	-.360	-.360
+354-054	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-057	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-163	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-164	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-165	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H354-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
+354-05W	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
H354-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC412	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB12	6.60	7.67	.121	.260	.020	2.53	.063	52.0	.090	-.313	-.193	-6.13	-.161	-.613	-2.48	.210	1.14	.120	12.9	1.56	-.121	166	-.151	1.25	-.189	.360	-.210	1.99
IP1246A8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1246AL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1246W2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-01W	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1714-01S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC413	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB13	6.83	13.9	7.69	.131	.151	2.57	.171	27.4	.181	.247	.111	-6.69	.341	-.311	-.961	.191	1.13	.131	41.4	1.51	.251	.132	.131	.751	.141	-.149	.171	.311
IC5A3	....	7.54	-1.69	-.031	-.191	1.61	-1.11	....	.471	-1.14	-.261	....	-1.31	1.61	....	1.36	-2.32	-.930	3.38	3.66	-.111	.209	.471	.110	1.22	.471	-.421	0.27
IC5AB3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC414	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB14	4.23	-.139	1.43	-.111	.191	1.93	.191	53.1	.161	-.131	.361	56.1	.391	-.121	-1.23	.351	1.11	.330	16.3	.921	.121	65.3	-.191	1.12	.551	.341	-.131	-.130
1036-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC415	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCB15	2.63	6.94	.621	.183	.247	1.64	.083	-1.91	.110	.143	.921	-5.07	-.050	-.612	6.62	.311	1.14	.190	6.83	1.15	-.271	46.2	-.151	.150	.190	.291	-.130	.751
1036-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1036-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1026-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1026-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1026-18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1026	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0816	5.11	6.31	1.93	.250	.060	1.44	.120	-4.03	.100	.099	-.080	-4.63	.010	-.630	3.50	.210	1.37	.170	8.38	.580	.050	37.1	-.031	1.07	-.040	.260	.100	1.04
IP1042A3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1042A4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1042A5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
WT0259	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01J	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01K	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-01S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1064-02T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0917	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0917	4.22	5.83	2.29	.030	.090	1.65	.099	24.9	.190	.020	.220	-6.14	.340	-.203	-1.61	.190	1.14	.163	65.5	1.20	.000	.182	-.030	1.19	.300	.500	.350	.480

QC limit of each parameter are listed in a table attached next to all the IOP check forms
* . Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I016000			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I016002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I016003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I016004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I016005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I016006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I016007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I016008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I016009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I016010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I016011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I016012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I016013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8I016014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I016015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRLI1601		ID8I016016			1	☒	EMAX	None
17	4	2	4	1	QC	MRLI1602		ID8I016017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I016018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		ID8I016019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I016020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I016021			1	☒	3XIDL	None
22	21	2	9	2	QC	IPI045WB		ID8I016022				☒	CCB	None
23	22	2	10	2	QC	ZZZZZZZ		ID8I016023				☒	LCS	None
24	23	2	11	2	QC	ZZZZZZZ		ID8I016024			1	☒	LCS	None
25	24	2	12	2	Unk	I051-01A		ID8I016025			1	☒	unk	—
26	25	2	1	3	Unk	I051-01		ID8I016026			1	☒	unk	—
27	118	3	10	5	Unk	I051-01J		ID8I016027			1	☒	unk	—
28	119	3	11	5	Unk	I051-01M		ID8I016028			1	☒	unk	—
29	120	3	12	5	Unk	I051-01S		ID8I016029			1	☒	unk	—
30	121	4	1	1	Unk	I166-01		ID8I016030			1	☒	unk	—
31	122	4	2	1	Unk	I166-02		ID8I016031			1	☒	unk	—
32	123	4	3	1	QC	CCV2		ID8I016032			1	☒	CCV	None
33	124	4	4	1	QC	CCB2		ID8I016033			1	☒	3XIDL	None
34	125	4	5	1	Unk	I031-20		ID8I016034			1	☒	unk	—
35	126	4	6	1	Unk	I043-02		ID8I016035			1	☒	unk	—
36	127	4	7	1	Unk	I043-03		ID8I016036			1	☒	unk	—
37	128	4	8	1	Unk	I043-04		ID8I016037			1	☒	unk	—
38	129	4	9	1	Unk	I043-05		ID8I016038			1	☒	unk	—
39	130	4	10	1	Unk	H661-09		ID8I016039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	131	4	11	1	Unk	H661-10		D8I016040			1	☒	unk	—
41	132	4	12	1	Unk	H633-02		D8I016041			1	☒	unk	—
42	133	4	1	2	Unk	H633-04		D8I016042			1	☒	unk	---
43	134	4	2	2	Unk	H633-05		D8I016043			1	☒	unk	---
44	135	4	3	2	QC	CCV3		D8I016044			1	☒	CCV	None
45	136	4	4	2	QC	CCB3		D8I016045			1	☒	3XIDL	None
46	137	4	5	2	Unk	I006-01		D8I016046			1	☒	unk	---
47	138	4	6	2	Unk	I005-02		D8I016047			1	☒	unk	—
48	139	4	7	2	Unk	I005-03		D8I016048			1	☒	unk	---
49	140	4	8	2	Unk	I005-03M		D8I016049			1	☒	unk	---
50	141	4	9	2	Unk	I005-03S		D8I016050			1	☒	unk	---
51	142	4	10	2	Unk	I005-05		D8I016051			1	☒	unk	---
52	143	4	11	2	Unk	I019-02		D8I016052			1	☒	unk	—
53	144	4	12	2	Unk	I019-03		D8I016053			1	☒	unk	---
54	145	4	1	3	Unk	I019-04		D8I016054			1	☒	unk	—
55	146	4	2	3	QC	CCV4		D8I016055			1	☒	CCV	None
56	147	4	3	3	QC	CCB4		D8I016056			1	☒	3XIDL	None
57	114	3	6	5	QC	IPI045WL		D8I016057			1	☒	LCS	None
58	115	3	7	5	QC	IPI045WC		D8I016058			1	☒	LCS	None
59	90	3	6	3	QC	ICSA2		D8I016059			1	☒	ICSA	None
60	91	3	7	3	QC	ICSAB2		D8I016060			1	☒	ICSAB1	None
61	148	4	4	3	QC	CCV5		D8I016061			1	☒	CCV	None
62	149	4	5	3	QC	CCB5		D8I016062			1	☒	3XIDL	None
63	26	2	2	3	QC	IPI040SB		D8I016063			1	☒	CCB	None
64	27	2	3	3	QC	IPI040SL		D8I016064			1	☒	LCS	None
65	28	2	4	3	QC	IPI040SC		D8I016065			1	☒	LCS	None
66	29	2	5	3	Unk	H365-21A		D8I016066			1	☒	unk	---
67	30	2	6	3	Unk	H365-21		D8I016067			1	☒	unk	—
68	31	2	7	3	Unk	H365-21J		D8I016068			1	☒	unk	—
69	32	2	8	3	Unk	H365-21M		D8I016069			1	☒	unk	—
70	33	2	9	3	Unk	H365-21S		D8I016070			1	☒	unk	---
71	34	2	10	3	Unk	H380-06		D8I016071			1	☒	unk	—
72	35	2	11	3	QC	CCV6		D8I016072			1	☒	CCV	None
73	36	2	12	3	QC	CCB6		D8I016073			1	☒	3XIDL	None
74	59	2	11	5	QC	IPI039SB		D8I016074			1	☒	CCB	None
75	60	2	12	5	QC	IPI039SL		D8I016075			1	☒	LCS	None
76	61	3	1	1	QC	IPI039SC		D8I016076			1	☒	LCS	None
77	62	3	2	1	Unk	H365-01A		D8I016077			1	☒	unk	---
78	63	3	3	1	Unk	H365-01		D8I016078			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	CorrFact	Check	Check Table	Fail Action
79	64	3	4	1	Unk	H365-01L		D8I016079			1	☒	unk	—
80	65	3	5	1	Unk	H365-01M		D8I016080			1	☒	unk	—
81	66	3	6	1	Unk	H365-01S		D8I016081			1	☒	unk	—
82	67	3	7	1	Unk	H365-02		ID8I016082			1	☒	unk	—
83	68	3	8	1	Unk	H365-03		ID8I016083			1	☒	unk	—
84	69	3	9	1	QC	CCV7		ID8I016084			1	☒	CCV	None
85	70	3	10	1	QC	CCB7		ID8I016085			1	☒	3XIDL	None
86	71	3	11	1	Unk	H365-04		ID8I016086			1	☒	unk	—
87	72	3	12	1	Unk	H365-05		ID8I016087			1	☒	unk	—
88	73	3	1	2	Unk	H365-06		ID8I016088			1	☒	unk	—
89	74	3	2	2	Unk	H365-07		ID8I016089			1	☒	unk	—
90	75	3	3	2	Unk	H365-08		ID8I016090			1	☒	unk	—
91	76	3	4	2	Unk	H365-09		ID8I016091			1	☒	unk	—
92	77	3	5	2	Unk	H365-10		ID8I016092			1	☒	unk	—
93	78	3	6	2	Unk	H365-11		ID8I016093			1	☒	unk	—
94	79	3	7	2	Unk	H365-12		ID8I016094			1	☒	unk	—
95	80	3	8	2	Unk	H365-13		ID8I016095			1	☒	unk	—
96	81	3	9	2	QC	CCV8		ID8I016096			1	☒	CCV	None
97	82	3	10	2	QC	CCB8		ID8I016097			1	☒	3XIDL	None
98	83	3	11	2	Unk	H365-14		ID8I016098			1	☒	unk	—
99	84	3	12	2	Unk	H365-15		ID8I016099			1	☒	unk	—
100	85	3	1	3	Unk	H365-16		ID8I016100			1	☒	unk	—
101	86	3	2	3	Unk	H365-17		ID8I016101			1	☒	unk	—
102	87	3	3	3	Unk	H365-18		ID8I016102			1	☒	unk	—
103	88	3	4	3	Unk	H365-19		ID8I016103			1	☒	unk	—
104	89	3	5	3	Unk	H365-20		ID8I016104			1	☒	unk	—
105	92	3	8	3	QC	CCV9		ID8I016105			1	☒	CCV	None
106	93	3	9	3	QC	CCB9		ID8I016106			1	☒	3XIDL	None
107	94	3	10	3	QC	IPIC41S9		ID8I016107			1	☒	CCB	None
108	95	3	11	3	QC	IPI041SL		ID8I016108			1	☒	LCS	None
109	96	3	12	3	QC	IPI041SC		ID8I016109			1	☒	LCS	None
110	97	3	1	4	Unk	I068-01A	10X	ID8I016110			1	☒	unk	—
111	98	3	2	4	Unk	I068-01T	10X	ID8I016111			1	☒	unk	—
112	99	3	3	4	Unk	I068-01J	50X	ID8I016112			1	☒	unk	—
113	100	3	4	4	Unk	I068-02T	10X	ID8I016113			1	☒	unk	—
114	101	3	5	4	Unk	I068-03T	10X	ID8I016114			1	☒	unk	—
115	102	3	6	4	Unk	I068-04T	10X	ID8I016115			1	☒	unk	—
116	103	3	7	4	Unk	I068-05T	10X	ID8I016116			1	☒	unk	—
117	104	3	8	4	QC	CCV10		ID8I016117			1	☒	CCV	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	CorrFact	Check	Check Table	Fail Action
118	105	3	9	4	QC	CCB10		ID8I016118			1	☒	3XIDL	None
119	106	3	10	4	Unk	I068-06T	10X	ID8I016119			1	☒	unk	—
120	107	3	11	4	Unk	I068-07T	10X	ID8I016120			1	☒	unk	—
121	108	3	12	4	Unk	I068-08T	10X	ID8I016121			1	☒	unk	—
122	109	3	1	5	Unk	I068-09T	10X	ID8I016122			1	☒	unk	—
123	110	3	2	5	Unk	H638-17T	10X dried & sieved	ID8I016123			1	☒	unk	—
124	111	3	3	5	Unk	H638-19T	10X dried & sieved	ID8I016124			1	☒	unk	—
125	112	3	4	5	QC	CCV11		ID8I016125			1	☒	CCV	None
126	113	3	5	5	QC	CCB11		ID8I016126			1	☒	3XIDL	None
127	163	4	7	4	Unk	H354-05A	5X TOT	ID8I016127			1	☒	unk	—
128	164	4	8	4	Unk	H354-05T	5X TOT	ID8I016128			1	☒	unk	—
129	165	4	9	4	Unk	H354-05J	25X TOT	ID8I016129			1	☒	unk	—
130	166	4	10	4	Unk	H354-05W	5X TOT	ID8I016130			1	☒	unk	—
131	167	4	11	4	Unk	H354-05S	5X TOT	ID8I016131			1	☒	unk	—
132	168	4	12	4	Unk	H354-05	5X DISS	ID8I016132			1	☒	unk	—
133	169	4	1	5	Unk	H354-05M	5X DISS	ID8I016133			1	☒	unk	—
134	170	4	2	5	Unk	H354-05S	5X DISS	ID8I016134			1	☒	unk	—
135	171	4	3	5	QC	CCV12		ID8I016135			1	☒	CCV	None
136	172	4	4	5	QC	CCB12		ID8I016136			1	☒	3XIDL	None
137	150	4	6	3	QC	IPI046WB		ID8I016137			1	☒	CCB	None
138	151	4	7	3	QC	IPI046WL		ID8I016138			1	☒	LCS	None
139	152	4	8	3	QC	IPI046WC		ID8I016139			1	☒	LCS	None
140	153	4	9	3	Unk	I714-01A		ID8I016140			1	☒	unk	—
141	154	4	10	3	Unk	I714-01		ID8I016141			1	☒	unk	—
142	155	4	11	3	Unk	I714-01D		ID8I016142			1	☒	unk	—
143	156	4	12	3	Unk	I714-01J		ID8I016143			1	☒	unk	—
144	157	4	1	4	Unk	I714-01M		ID8I016144			1	☒	unk	—
145	158	4	2	4	Unk	I714-01S		ID8I016145			1	☒	unk	—
146	159	4	3	4	QC	CCV13		ID8I016146			1	☒	CCV	None
147	160	4	4	4	QC	CCB13		ID8I016147			1	☒	3XIDL	None
148	161	4	5	4	QC	ICSA3		ID8I016148			1	☒	ICSA	None
149	162	4	6	4	QC	ICSAB3		ID8I016149			1	☒	ICSAB1	None
150	173	4	5	5	QC	CCV14		ID8I016150			1	☒	CCV	None
151	174	4	6	5	QC	CCB14		ID8I016151			1	☒	3XIDL	None
152	37	2	1	4	Unk	I036-01	dried & sieved	ID8I016152			1	☒	unk	—
153	38	2	2	4	Unk	I036-02	dried & sieved	ID8I016153			1	☒	unk	—
154	39	2	3	4	Unk	I036-03	dried & sieved	ID8I016154			1	☒	unk	—
155	40	2	4	4	Unk	I036-04	dried & sieved	ID8I016155			1	☒	unk	—
156	41	2	5	4	Unk	I036-05	dried & sieved	ID8I016156			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
157	42	2	6	4	Unk	I036-06	dried & sieved	ID8I016157			1	☒	unk	—
158	43	2	7	4	Unk	I036-07	dried & sieved	ID8I016158			1	☒	unk	—
159	44	2	8	4	Unk	I036-08	dried & sieved	ID8I016159			1	☒	unk	—
160	45	2	9	4	Unk	I036-09	dried & sieved	ID8I016160			1	☒	unk	—
161	46	2	10	4	Unk	I036-10	dried & sieved	ID8I016161			1	☒	unk	—
162	47	2	11	4	QC	CCV15		ID8I016162			1	☒	CCV	None
163	48	2	12	4	QC	CCB15		ID8I016163			1	☒	3XIDL	None
164	49	2	1	5	Unk	I036-11	dried & sieved	ID8I016164			1	☒	unk	—
165	50	2	2	5	Unk	I036-12	dried & sieved	ID8I016165			1	☒	unk	—
166	51	2	3	5	Unk	I036-13	dried & sieved	ID8I016166			1	☒	unk	—
167	52	2	4	5	Unk	I036-14	dried & sieved	ID8I016167			1	☒	unk	—
168	53	2	5	5	Unk	I036-15	dried & sieved	ID8I016168			1	☒	unk	—
169	54	2	6	5	Unk	I036-16	dried & sieved	ID8I016169			1	☒	unk	—
170	55	2	7	5	Unk	I036-17	dried & sieved	ID8I016170			1	☒	unk	—
171	56	2	8	5	Unk	I036-18	dried & sieved	ID8I016171			1	☒	unk	—
172	57	2	9	5	QC	CCV16		ID8I016172			1	☒	CCV	None
173	58	2	10	5	QC	CCB16		ID8I016173			1	☒	3XIDL	None
174	9	2	9	1	QC	IPI043WB		ID8I016174			1	☒	CCB	None
175	10	2	10	1	QC	IPI043WL		ID8I016175			1	☒	LCS	None
176	11	2	11	1	QC	IPI043WC		ID8I016176			1	☒	LCS	None
177	12	2	12	1	QC	WTI002SB	STLC	ID8I016177			1	☒	CCB	None
178	13	2	1	2	Unk	I064-01A	5X STLC	ID8I016178			1	☒	unk	—
179	14	2	2	2	Unk	I064-01T	5X STLC	ID8I016179			1	☒	unk	—
180	15	2	3	2	Unk	I064-01J	25X STLC	ID8I016180			1	☒	unk	—
181	16	2	4	2	Unk	I064-01M	5X STLC	ID8I016181			1	☒	unk	—
182	17	2	5	2	Unk	I064-01S	5X STLC	ID8I016182			1	☒	unk	—
183	18	2	6	2	Unk	I064-02T	5X STLC	ID8I016183			1	☒	unk	—
184	19	2	7	2	QC	CCV17		ID8I016184			1	☒	CCV	None
185	20	2	8	2	QC	CCB17		ID8I016185			1	☒	3XIDL	None

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INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00006	.00001	-.00001	.00024	.00012	.00016	-.00069	.00049	-.00004	-.00090	Blank
2	S20					.90562		2.8343				S20
3	S21					8.7095		27.247				S21
4	S22				.45768						.16394	S22
5	S23				4.3993						1.7022	S23
6	S24						.09048					S24
7	S25						.91875					S25
8	S26	.19378							.95073	.13170		S26
9	S27	7.0252							8.8088	1.2577		S27
10	S28		.00525									S28
11	S29		.05168									S29
12	S30			.00114								S30
13	S31			.00458								S31
14	ICV	108.13	1.5611	1.0400	2.0295	1.5561	2.5008	2.0551	78.780	2.5620	.96322	ICV
15	ICB	.00477	.01182*	.00127	-.00008	-.00002	.00143	-.00001	.01967	.00006	.00004	ICB
16	MRLI1601	.22844	.10566	.01232*	.01054	.01037	.01042	.01032	1.0559	.01071	.00953	MRLI1601
17	MRLI1602	.23203	.05260	.01123	.00538	.00407	.09586	.00512	.57080	.01033	.00962	MRLI1602
18	ICSA1	400.78	.00338	-.00092	-.00003	-.00007	-.00968	-.00129	484.60	.00003	-.00113	ICSA1
19	ICSAB1	403.80	1.0431	1.0487	.52193	.49124	.48014	1.0125	481.46	.47124	.46124	ICSAB1
20	CCV1	106.85	1.5539	1.0465	2.0457	1.5535	2.4996	2.0626	78.050	2.5558	.96575	CCV1
21	CCB1	.01027	.00776*	.00146	.00008	.00007	.00143	.00004	.02445	.00010	.00001	CCB1
22	IPI045WB	.01044	.00077	.00250	.00013	.00002	.00038	.00011	.03325	.00002	.00008	IPI045WB
23	ZZZZZZZ	6.1652*	2.7048	.55680	.52231	.53662	.55239	.54435	54.206	.53432	.50088	ZZZZZZZ
24	ZZZZZZZ	6.2146*	2.3523	.56449	.53253	.53929	.55051	.55225	53.119	.53993	.50811	ZZZZZZZ
25	I051-01A	6.0746	2.3713	.56170	.56658	.52702	.55290	.54217	70.896	.53144	.49478	I051-01A
26	I051-01	.00662	.03719	.00158	.04484	.00010	.02578	.00009	19.096	.00430	-.00019	I051-01
27	I051-01J	.00188	.01505	-.00005	.00920	-.00008	.00486	-.00003	3.8709	.00075	.00001	I051-01J
28	I051-01M	6.1504	2.0863	.55631	.56252	.52940	.57920	.53903	72.578	.52854	.49364	I051-01M
29	I051-01S	6.0369	2.3502	.55557	.56952	.52724	.56624	.54157	72.236	.53023	.49760	I051-01S
30	I166-01	.20304	.02782	11.613	.11734	.00012	.43178	.00012	31.523	.00049	.00037	I166-01
31	I166-02	.03742	.00806	.01643	.00216	-.00007	.42320	.00003	23.928	.00011	.00143	I166-02
32	CCV2	107.12	1.5589	1.0318	2.0205	1.5656	2.4861	2.0509	78.419	2.5603	.96323	CCV2
33	CCB2	.00651	.01197*	.00222	-.00008	.00000	.00137	.00002	.01928	.00008	.00013	CCB2
34	I031-20	.01702	.00201	.00187	.00008	.00008	.00194	.00003	.01250	.00011	.00005	I031-20
35	I043-02	.01307	-.00027	.00403	.12328	-.00010	.10819	-.00042	300.45	.00046	.00009	I043-02
36	I043-03	.01904	-.00011	.00239	.18584	-.00008	.11236	-.00012	214.60	.00037	-.00041	I043-03
37	I043-04	.01375	-.00107	.00285	.15778	-.00009	.10227	-.00005	210.88	.00042	-.00051	I043-04
38	I043-05	.01389	-.00019	.00203	.22548	-.00008	.10986	-.00012	234.32	.00041	-.00034	I043-05
39	H661-09	.01741	-.00060	.00070	.28518	-.00025	1.7776	-.00098	1775.4*	.00044	-.00236	H661-09
40	H661-10	.01532	-.00101	.00213	.05028	-.00011	.24659	-.00024	411.74	.00033	-.00068	H661-10
41	H633-02	.00904	-.00082	.02380	.91787	-.00008	.06511	-.00003	95.243	.00025	-.00020	H633-02
42	H633-04	.01357	-.00002	.00858	.15859	-.00008	.13418	-.00003	62.840	.00033	-.00024	H633-04
43	H633-05	.01560	-.00059	.00776	.15968	-.00010	.13633	-.00003	63.762	.00024	-.00029	H633-05
44	CCV3	108.65	1.5568	1.0486	2.0119	1.5569	2.4975	2.0535	80.101	2.6053	.95639	CCV3
45	CCB3	.01037	.00788*	.00228	.00004	.00008	.00117	.00009	.02393	.00011	.00016	CCB3
46	I006-01	.01150	.00084	.12559	.70166	.00010	.17868	-.00002	51.332	.00046	-.00023	I006-01
47	I005-02	.01722	-.00044	.00426	.30743	-.00008	.20530	.00005	117.11	.00952	-.00015	I005-02
48	I005-03	.00457	-.00063	.00457	.33360	-.00010	.07752	-.00001	76.260	.00286	-.00012	I005-03
49	I005-03M	5.9086	1.9612	.56182	.82829	.49963	.60933	.52091	125.97	.51923	.46955	I005-03M
50	I005-03S	5.9045	2.3427	.55464	.82519	.50947	.61403	.52285	126.70	.52389	.47451	I005-03S
51	I005-05	.01027	.03603	.00443	.33062	.00006	.07790	.00006	75.960	.00294	-.00019	I005-05
52	I019-02	.02477	.00363	.00278	.15406	-.00021	.76742	-.00080	1548.0*	.00053	-.00211	I019-02
53	I019-03	.01702	.00191	.00178	.28327	-.00011	.27928	-.00027	575.26	.00048	-.00081	I019-03
54	I019-04	.01113	.00009	-.00011	.28805	-.00011	.28213	-.00027	583.98	.00053	-.00074	I019-04

55	CCV4	107.98	1.5618	1.0560	2.0468	1.5450	2.5202	2.0607	80.098	2.6170	.95781	CCV4
56	CCB4	.00875	.00986*	.00129	.00018	.00011	.00128	.00014	.03075	.00024	.00007	CCB4
57	IPI045WL	4.9819	2.3997	.49618	.49022	.48563	.45080	.51293	52.131	.50595	.47566	IPI045WL
58	IPI045WC	4.9719	2.4092	.49845	.49408	.48304	.45283	.51574	52.100	.50538	.47741	IPI045WC
59	ICSA2	393.68	.00629	.00116	-.00006	-.00010	-.00473	-.00154	487.08	.00027	-.00104	ICSA2
60	ICSAB2	393.33	1.0245	1.0705	.52842	.47505	.48551	1.0034	477.60	.47498	.45290	ICSAB2
61	CCV5	105.97	1.5611	1.0556	2.0680	1.5522	2.5318	2.0584	79.402	2.6274	.95994	CCV5
62	CCB5	.00859	.00951*	.00203	.00007	.00006	.00112	.00005	.03011	.00002	.00008	CCB5
63	IPI040SB	.01516	.00138	.00279	.00010	.00013	.00071	.00023	.04043	.00015	.00025	IPI040SB
64	IPI040SL	5.0193	2.4110	.50122	.48854	.48106	.46197	.51158	49.501	.50146	.47264	IPI040SL
65	IPI040SC	5.1122	2.4325	.50290	.49079	.48047	.47312	.51288	50.217	.50179	.47273	IPI040SC
66	H365-21A	52.364	2.4277	.53591	.67213	.50630	.46873	.53262	53.751	.59577	.50538	H365-21A
67	H365-21	47.869	.01621	.01034	.16198	.00128	.00468	-.00068	2.4755	.07947	.01560	H365-21
68	H365-21J	9.9133	.00585	.00312	.03294	.00019	.00101	-.00019	.51421	.01592	.00317	H365-21J
69	H365-21M	59.930	2.2927	.51932	.65004	.49513	.45370	.52098	54.286	.58596	.49166	H365-21M
70	H365-21S	69.320	2.2465	.50960	.65348	.49182	.44791	.51276	54.335	.58881	.48768	H365-21S
71	H380-06	54.831	.01285	.03165	1.7154	.00203	.01125	.00048	10.649	.14395	.01341	H380-06
72	CCV6	105.62	1.5541	1.0558	2.0675	1.5489	2.5200	2.0614	78.652	2.6143	.96162	CCV6
73	CCB6	.00109	.00841*	.00090	-.00001	-.00003	.00124	-.00003	.01894	-.00009	.00007	CCB6
74	IPI039SB	-.00151	.00316	.00122	-.00014	-.00006	.00043	-.00002	.01774	-.00013	-.00002	IPI039SB
75	IPI039SL	6.0668*	2.7498	.59407	.54112	.53688	.58097	.55339	54.803	.55168	.49854	IPI039SL
76	IPI039SC	5.7864	2.6450	.57112	.52258	.51093	.55691	.53154	52.659	.53027	.47892	IPI039SC
77	H365-01A	45.016	2.4557	.55236	.62721	.50692	.48889	.53917	54.567	.60598	.50553	H365-01A
78	H365-01	38.834	.01725	.01404	.10457	.00105	.01920	-.00082	2.2765	.07680	.01016	H365-01
79	H365-01J	7.9674	.00657	.00465	.02165	.00017	.00478	-.00017	.50064	.01507	.00188	H365-01J
80	H365-01M	68.678	2.2800	.51681	.60827	.48480	.46099	.51185	54.210	.58611	.48199	H365-01M
81	H365-01S	77.451	2.2735	.50864	.60482	.48889	.45458	.50904	54.590	.59379	.48429	H365-01S
82	H365-02	27.742	.01283	.00724	.07785	.00058	.00476	-.00061	1.6501	.04360	.00584	H365-02
83	H365-03	34.990	.01022	.00794	.15681	.00073	.00493	-.00075	3.5971	.06394	.00866	H365-03
84	CCV7	104.53	1.5351	1.0541	2.0460	1.5208	2.4940	2.0312	78.172	2.5924	.94434	CCV7
85	CCB7	.00098	.00826*	.00064	-.00008	-.00003	.00143	.00002	-.00186	.00000	-.00004	CCB7
86	H365-04	31.334	.00824	.00651	.19133	.00072	.00555	-.00049	4.3111	.05395	.00856	H365-04
87	H365-05	31.162	.00471	.00544	.18740	.00071	.00585	-.00054	3.4230	.05340	.00803	H365-05
88	H365-06	37.847	.00354	.00657	.24510	.00083	.00609	-.00057	5.4887	.05999	.00942	H365-06
89	H365-07	35.739	.00231	.00630	.24235	.00078	.00497	-.00020	4.0679	.05755	.00915	H365-07
90	H365-08	33.066	.00157	.00601	.23419	.00071	.00448	-.00025	3.9881	.05418	.00855	H365-08
91	H365-09	47.266	.00493	.00662	.50015	.00124	.00802	-.00035	7.2913	.07199	.01318	H365-09
92	H365-10	46.208	.00337	.00710	.41951	.00113	.00671	-.00039	6.5146	.06821	.01236	H365-10
93	H365-11	34.138	.00139	.00560	.22060	.00079	.00445	-.00049	2.7657	.05509	.00933	H365-11
94	H365-12	36.220	.06682	.00847	.29828	.00082	.00734	-.00046	6.8364	.06075	.00941	H365-12
95	H365-13	40.415	.00182	.00695	.34284	.00100	.00614	-.00055	5.6894	.06125	.01051	H365-13
96	CCV8	103.14	1.5277	1.0440	2.0576	1.5256	2.4931	2.0284	77.721	2.5845	.94536	CCV8
97	CCB8	.00290	.00612*	.00165	-.00008	.00004	.00121	.00007	-.00301	.00001	.00009	CCB8
98	H365-14	36.222	.00299	.00684	.21692	.00096	.00656	-.00052	3.0008	.06253	.00998	H365-14
99	H365-15	33.482	1.0787	.01133	.27238	.00070	.00865	-.00031	7.9669	.05284	.00824	H365-15
100	H365-16	28.932	.00473	.00621	.18835	.00067	.00479	-.00053	2.4375	.05161	.00825	H365-16
101	H365-17	38.305	.00314	.00664	.31261	.00100	.00660	-.00056	4.3309	.05801	.00994	H365-17
102	H365-18	43.150	.00285	.00681	.34214	.00106	.00741	-.00054	4.9600	.06462	.01088	H365-18
103	H365-19	34.962	.02212	.00813	.32421	.00091	.00875	-.00010	8.6816	.05991	.00993	H365-19
104	H365-20	29.383	.00204	.00649	.11215	.00058	.00442	-.00056	2.4979	.05202	.00716	H365-20
105	CCV9	105.42	1.5467	1.0848	2.0962	1.5067	2.5387	2.0571	78.712	2.6168	.95107	CCV9
106	CCB9	.00078	.00552	.00188	-.00007	.00001	.00149	.00005	-.00863	.00009	.00003	CCB9
107	IPI041SB	.00532	-.00029	.00211	-.00002	.00001	.00090	.00013	.00516	-.00007	.00013	IPI041SB
108	IPI041SL	4.8107	2.3111	.49707	.48742	.46022	.44321	.50030	49.761	.49362	.45978	IPI041SL
109	IPI041SC	4.8871	2.3395	.50431	.49584	.46588	.44581	.50945	50.981	.50304	.46842	IPI041SC
110	I068-01A	14.508	2.5011	.56189	.59502	.50843	.49702	.56379	60.720	.57441	.49021	I068-01A
111	I068-01T	8.8081	.01469	.01491	.07613	.00069	.00156	.03320	8.4115	.05101	.00874	I068-01T

112	I068-01J	1.8094	.00572	.00370	.01625	.00009	.00057	.00663	1.7652	.01043	.00186	I068-01J
113	I068-02T	1.5773	.00686	.00736	.05796	.00014	.00172	.06493	11.573	.00790	.00275	I068-02T
114	I068-03T	1.2064	.00664	.00486	.01107	.00012	.00113	.12699	17.215	.00637	.00220	I068-03T
115	I068-04T	.98454	.00443	.00461	.00775	.00011	.00108	.07718	30.982	.00507	.00190	I068-04T
116	I068-05T	.59173	.00266	.00377	.01254	.00009	.00101	.07137	20.116	.00351	.00137	I068-05T
117	CCV10	104.73	1.5445	1.0514	2.0717	1.5362	2.5197	2.0356	78.721	2.6179	.94725	CCV10
118	CCB10	.00269	.00679*	.00102	-.00003	-.00001	.00117	.00002	-.00785	-.00003	.00007	CCB10
119	I068-06T	1.4158	.00144	.00388	.02253	.00011	.00369	.00331	275.94	.01144	.00121	I068-06T
120	I068-07T	.43871	.00419	.00372	.00675	.00002	.00082	.06991	6.3091	.00294	.00072	I068-07T
121	I068-08T	5.5950	.00375	.00883	.04940	.00035	.00140	.08992	10.432	.01828	.00468	I068-08T
122	I068-09T	2.4257	.00688	.00651	.02337	.00024	.00134	.13799	18.009	.01391	.00368	I068-09T
123	H638-17T	3.4420	.00614	.00884	.05888	.00019	.00158	.14233	28.874	.02579	.00346	H638-17T
124	H638-19T	3.8027	.00881	.00721	.06612	.00026	.00165	.19439	36.947	.02800	.00407	H638-19T
125	CCV11	104.95	1.5300	1.0771	2.0815	1.4975	2.5159	2.0417	78.396	2.6027	.94330	CCV11
126	CCB11	.00332	.00661*	.00212	.00003	.00006	.00164	.00005	.00036	.00010	-.00004	CCB11
127	H354-05A	11.575	5.3648	1.2134	1.1059	1.0026	2.2338	1.0758	131.95	1.0671	.96518	H354-05A
128	H354-05T	.00866	.01526	.00043	.04203	.00003	1.1607	-.00002	83.166	.00035	-.00014	H354-05T
129	H354-05J	.00145	.00433	-.00036	.00853	-.00007	.23084	-.00005	17.382	-.00008	.00000	H354-05J
130	H354-05M	1.1590	.55635	.12116	.14882	.09994	1.2779	.10866	93.627	.10685	.09738	H354-05M
131	H354-05S	1.1646	.56095	.12221	.14890	.10003	1.2826	.10884	93.943	.10698	.09725	H354-05S
132	H354-05	.00058	.00395	.00186	.04363	.00018	1.1991	.00011	86.082	.00044	.00015	H354-05
133	H354-05M	1.1970	.59861	.12511	.15272	.10271	1.3166	.11197	96.954	.10971	.10036	H354-05M
134	H354-05S	1.2002	.59296	.12736	.15563	.10378	1.3096	.11365	94.929	.11191	.10161	H354-05S
135	CCV12	106.03	1.5546	1.0896	2.1271	1.5175	2.5538	2.0720	79.005	2.6339	.95854	CCV12
136	CCB12	.00560	.00757*	.00072	.00026	.00002	.00253	.00008	.05229	.00008	-.00003	CCB12
137	IPI046WB	-.00108	.00020	.00173	.00032	.00003	.00116	.00014	.01166	.00005	.00007	IPI046WB
138	IPI046WL	5.9349	2.2660	.58359	.54447	.51293	.55241	.54296	53.111	.54815	.48992	IPI046WL
139	IPI046WC	5.8115	2.6603	.57268	.53934	.50915	.55277	.53782	53.257	.53842	.48764	IPI046WC
140	I714-01A	6.0182	2.2071	.59571	.58395	.50084	.92466	.54295	142.27	.52943	.49055	I714-01A
141	I714-01	.01934	.03026	.00235	.05361	.00011	.40769	.00025	94.643	.00081	.00024	I714-01
142	I714-01D	.02346	.00796	.00230	.05324	-.00007	.39986	.00013	94.768	.00074	-.00006	I714-01D
143	I714-01J	.00065	.01087	.00200	.01137	-.00007	.08058	-.00002	20.028	.00014	.00003	I714-01J
144	I714-01M	5.8933	2.7257	.58681	.57403	.49140	.96315	.53166	144.08	.51945	.48141	I714-01M
145	I714-01S	5.8765	2.7077	.59173	.57835	.48722	.95283	.53177	145.61	.52190	.48171	I714-01S
146	CCV13	105.58	1.5616	1.0852	2.1308	1.5131	2.5587	2.0682	78.922	2.6405	.95778	CCV13
147	CCB13	.00583	.01352*	.00180	.00006	.00005	.00250	.00007	.02037	.00008	.00014	CCB13
148	ICSA3	395.07	.00754	-.00189	-.00003	-.00003	-.00160	-.00100	483.43	.00041	-.00106	ICSA3
149	ICSAB3	390.61	1.0328	1.0924	.54572	.47349	.50163	1.0113	479.40	.48513	.45414	ICSAB3
150	CCV14	105.41	1.5603	1.0912	2.1254	1.5182	2.5590	2.0730	79.203	2.6432	.95933	CCV14
151	CCB14	.00423	.00903*	.00140	-.00001	.00002	.00198	.00009	.05305	.00006	-.00003	CCB14
152	I036-01	4.0572	.03219	.05151	.25904	.00097	.01030	.90014	401.99	.04970	.01597	I036-01
153	I036-02	5.2095	.01722	.04115	.05884	.00107	.00792	.31629	369.56	.04731	.00612	I036-02
154	I036-03	3.5492	.02050	.06199	.11295	.00126	.01321	.60353	437.62	.06565	.01037	I036-03
155	I036-04	5.0878	.01926	.04995	.15269	.00102	.00734	.59726	432.12	.05540	.00983	I036-04
156	I036-05	5.5646	.01835	.04668	.05448	.00117	.00647	.35774	375.01	.04947	.00648	I036-05
157	I036-06	9.9855	.02202	.05272	.13851	.00125	.00633	.60957	387.06	.05188	.01556	I036-06
158	I036-07	12.404	.01734	.04433	.12350	.00120	.00785	.36902	374.71	.05097	.00799	I036-07
159	I036-08	4.6514	.01913	.05439	.03624	.00098	.01006	.54815	468.15	.05670	.00824	I036-08
160	I036-09	4.0735	.02944	.05662	.27312	.00093	.00816	.93302	444.90	.05432	.01615	I036-09
161	I036-10	7.1448	.02878	.05509	.07139	.00161	.01160	1.0402	351.57	.06582	.01679	I036-10
162	CCV15	105.76	1.5401	1.0876	2.1137	1.4945	2.5347	2.0579	77.934	2.6071	.95164	CCV15
163	CCB15	.00263	.00694*	.00062	.00018	.00014	.00164	.00008	-.00161	.00011	.00004	CCB15
164	I036-11	5.3203	.03181	.05442	.08834	.00214	.01442	.98299	595.60	.06928	.01625	I036-11
165	I036-12	4.3317	.02903	.04888	.04808	.00166	.03750	1.1875	416.90	.07865	.01081	I036-12
166	I036-13	4.0344	.02369	.06023	.11447	.00121	.00964	.91424	393.42	.06342	.01448	I036-13
167	I036-14	5.5159	.02210	.05386	.07211	.00184	.01093	.84854	434.84	.06016	.01694	I036-14
168	I036-15	6.4226	.02605	.04835	.04711	.00157	.01087	1.1288	336.45	.06046	.01736	I036-15

169	I036-16	4.5029	.02928	.05658	.12442	.00175	.03624	1.1904	480.30	.05648	.02048	I036-16
170	I036-17	5.6627	.03395	.08286	.08044	.00211	.00981	1.2664	350.67	.07054	.04416	I036-17
171	I036-18	4.4612	.02781	.04953	.06270	.00159	.01108	1.2584	432.81	.06080	.01128	I036-18
172	CCV16	103.69	1.5312	1.0890	2.1289	1.4778	2.5430	2.0410	77.686	2.6168	.94212	CCV16
173	CCB16	.00511	.00631*	.00193	.00004	.00006	.00144	.00012	-.00403	.00010	.00009	CCB16
174	IPI043WB	-.00176	.00016	.00285	.00027	.00002	.00032	.00013	.03095	.00003	.00012	IPI043WB
175	IPI043WL	5.9018	2.2476	.59009	.55510	.50896	.55938	.54357	52.822	.55110	.48971	IPI043WL
176	IPI043WC	5.7889	2.6546	.58288	.54890	.50442	.55858	.53730	53.350	.54307	.48548	IPI043WC
177	WTI002SB	.02966	.01754	.00748*	.00270*	.00004	.00869	-.00002	.13874*	.00325*	.00009	WTI002SB
178	I064-01A	49.436	2.6895	.64354	.80534	.50630	.61454	.56003	75.339	.56425	.50579	I064-01A
179	I064-01T	43.140	.00616	.02031	.25886	.00044	.07496	.00051	24.155	.01357	.00338	I064-01T
180	I064-01J	8.5602	.00292	.00494	.05250	.00007	.01463	.00008	4.9375	.00268	.00063	I064-01J
181	I064-01M	51.728	.52867	.14199	.40216	.09650	.19354	.10703	38.123	.12058	.09899	I064-01M
182	I064-01S	49.386	.53241	.14431	.39185	.09916	.19016	.10953	36.857	.12239	.10088	I064-01S
183	I064-02T	102.58	.00175	.02897	.36648	.00063	.19753	.00067	34.687	.02255	.00542	I064-02T
184	CCV17	105.37	1.5531	1.1132*	2.1829	1.4889	2.5985	2.0731	78.785	2.6631	.95532	CCV17
185	CCB17	.00422	.00683*	.00229	.00009	.00008	.00166	.00009	.02490	.00019	.00002	CCB17
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00083	.00005	.00010	-.00001	.00001	.00003	.00003	-.00074	-.00034	.00001	Blank
2	S20			.20660			.10759					S20
3	S21			2.0342			1.0588					S21
4	S22	.27993	.04927									S22
5	S23	2.7494	1.9698									S23
6	S24							.71251				S24
7	S25							7.0706				S25
8	S26								.78877	.25833		S26
9	S27								7.2993	2.4785		S27
10	S28					.11908						S28
11	S29					.48450						S29
12	S30				.02239						.00135	S30
13	S31				.10947						.00533	S31
14	ICV	2.4894	24.325	2.4044	.51735	59.072	2.3648	2.5411	2.5772	61.734	1.0464	ICV
15	ICB	-.00027	-.00743	-.00032	.00000	-.00333	.00005	.00092*	.00003	.01363	.00077	ICB
16	MRLI1601	.00977	.19829	.01076	.01074	.94979	.01038	.01062	.01070	1.0146	.01199	MRLI1601
17	MRLI1602	.00989	.09608	.00283	.09997	.19360	.00515	.01020	.01079	1.0021	.01132	MRLI1602
18	ICSA1	-.00036	183.40	.00000	.00172	187.23	.00191	-.00226	-.00085	-.02328	.00111	ICSA1
19	ICSAB1	.50546	182.56	.90567	1.0603	185.77	.44520	1.0125	.99200	79.821	1.0526	ICSAB1
20	CCV1	2.4827	24.048	2.4061	.51390	58.429	2.3547	2.5565	2.5752	62.362	1.0574	CCV1
21	CCB1	.00006	-.00537	-.00023	-.00011	.00405	.00017	.00092*	.00013	.01702	.00127	CCB1
22	IPI045WB	-.00001	-.00383	-.00015	-.00067	.00734	.00025	.00020	.00051	.01682	-.00012	IPI045WB
23	ZZZZZZZ	.51824	5.2317	.51697	-.00040*	49.987	.50202	.51825	.53640	53.505	.56136	ZZZZZZZ
24	ZZZZZZZ	.52268	5.2574	.52635	-.00003*	49.184	.50768	.51977	.54356	54.089	.56972	ZZZZZZZ
25	I051-01A	.51769	5.1750	.51093	-.00021	58.944	.49424	.50576	.50159	54.349	.55779	I051-01A
26	I051-01	.00055	-.01045	.00284	.00086	11.045	.00044	.00058	.00188	1.5038	.00120	I051-01
27	I051-01J	-.00014	-.00568	.00025	.00051	2.2241	.00007	.00026	.00045	.27235	.00144	I051-01J
28	I051-01M	.51074	5.1326	.50979	.00009	61.076	.49429	.51336	.52800	55.784	.56442	I051-01M
29	I051-01S	.50905	5.0768	.51127	-.00028	60.765	.49762	.52257	.53097	57.187	.55533	I051-01S
30	I166-01	.00184	.19435	.00296	.00234	17.737	.97321	.00961	.00150	3.3396	.00096	I166-01
31	I166-02	.00044	.05130	.00011	.00236	17.042	.06057	.00008	.00230	3.2147	.00056	I166-02
32	CCV2	2.4427	24.038	2.3966	.50820	59.186	2.3401	2.5234	2.5622	62.365	1.0514	CCV2
33	CCB2	-.00024	-.00894	-.00009	.00021	-.00345	.00015	.00102*	.00011	.01212	.00046	CCB2
34	I031-20	.00095	-.00706	-.00015	-.00040	.01076	.00024	.00025	.00038	.03743	.00023	I031-20
35	I043-02	.00046	32.181	.00273	.01016	33.659	.65639	-.00055	.00154	5.4527	-.00160	I043-02
36	I043-03	.00044	.52496	.00245	.00654	35.298	.28371	.00286	.00045	5.0868	-.00142	I043-03
37	I043-04	.00019	.44348	.00228	.00644	33.828	.27325	.00320	.00100	4.9684	-.00145	I043-04
38	I043-05	.00045	.28651	.00271	.00731	38.244	.23784	.00296	.00050	5.4134	.00125	I043-05
39	H661-09	.00274	.22685	.00892	.10277	761.87	3.3620	-.00394	-.00030	51.731	.00704	H661-09
40	H661-10	.00051	.30201	.00304	.01602	103.55	.57421	.00140	.00044	10.310	.00010	H661-10
41	H633-02	.00040	1.7848	.00245	.02058	34.094	.18746	.00108	.00481	10.533	.00031	H633-02
42	H633-04	.00023	2.2051	.00308	.05129	43.127	.03842	.00167	.00243	17.479	.00108	H633-04
43	H633-05	.00040	2.2501	.00300	.05205	43.516	.03914	.00169	.00233	17.320	.00103	H633-05
44	CCV3	2.4535	24.876	2.3958	.50829	60.280	2.3601	2.5067	2.5585	61.577	1.0547	CCV3
45	CCB3	-.00019	-.00622	.00022	-.00018	.00346	.00017	.00087	.00028	.10597	.00143	CCB3
46	I006-01	.00014	2.5436	.00318	.02023	42.181	.05352	.00016	.00066	20.807	-.00005	I006-01
47	I005-02	.00951	-.01093	.00277	.02669	31.443	.03625	.00016	.00170	2.7038	.00099	I005-02
48	I005-03	.00071	-.01128	.00284	.01798	14.831	.00000	.00029	.00077	2.7436	-.00007	I005-03
49	I005-03M	.49685	5.1601	.49282	.01807	63.421	.48200	.49942	.50642	54.987	.54635	I005-03M
50	I005-03S	.49100	5.0879	.49270	.01825	64.418	.48280	.49944	.50708	55.460	.54750	I005-03S
51	I005-05	.00099	-.01144	.00248	.01824	14.987	.00015	.00104	.00065	2.8129	.00066	I005-05
52	I019-02	.00102	2.5988	.00704	.07085	471.38	3.1911	-.00117	.00010	36.818	-.00238	I019-02
53	I019-03	.00090	4.4020	.00437	.02655	148.33	1.1392	-.00099	.00030	14.005	-.00089	I019-03
54	I019-04	.00088	4.5446	.00466	.02577	149.72	1.1583	-.00093	.00010	14.049	-.00058	I019-04

55	CCV4	2.4784	24.909	2.4065	.51562	59.645	2.3641	2.5305	2.5718	62.594	1.0581	CCV4
56	CCB4	-.00012	-.00632	.00025	.00030	.00146	.00030	.00105*	.00024	.12293	.00106	CCB4
57	IPI045WL	.45583	4.7369	.47581	-.00111*	47.636	.46247	.51171	.50480	52.700	.48895	IPI045WL
58	IPI045WC	.46008	4.7298	.47796	-.00052*	47.140	.46482	.51689	.50737	52.909	.49015	IPI045WC
59	ICSA2	-.00042	186.46	-.00115	.00187	186.80	.00190	-.00243	-.00103	.05418	.00279	ICSA2
60	ICSAB2	.49946	184.45	.89624	1.0561	181.25	.44245	1.0047	.97952	79.992	1.0604	ICSAB2
61	CCV5	2.4432	24.403	2.4049	.51885	59.303	2.3574	2.5305	2.5618	64.086	1.0686	CCV5
62	CCB5	-.00027	-.00595	-.00002	-.00010	.00383	.00009	.00102*	.00016	.05504	.00032	CCB5
63	IPI040SB	-.00018	-.00536	.00006	-.00026	.01236	.00032	.00024	.00058	.02699	.00095	IPI040SB
64	IPI040SL	.46250	4.7769	.47396	-.00079*	44.651	.46056	.51728	.49681	49.191	.49037	IPI040SL
65	IPI040SC	.46610	4.8083	.47604	-.00075*	45.106	.46292	.52250	.49767	49.585	.49275	IPI040SC
66	H365-21A	.49984	45.729	.51116	.01324	47.847	.60745	.51707	.52618	54.282	.51767	H365-21A
67	H365-21	.00444	43.991	.02228	.01329	2.0201	.13983	.00235	.03406	3.2392	.00314	H365-21
68	H365-21J	.00073	8.7806	.00426	.00247	.40509	.02845	.00053	.00680	.67507	.00149	H365-21J
69	H365-21M	.49086	40.155	.50030	.01607	48.320	.56395	.51244	.55109	53.469	.50260	H365-21M
70	H365-21S	.48776	46.595	.50033	.01889	48.499	.57825	.50235	.55135	52.964	.49118	H365-21S
71	H380-06	.04970	90.847	.06979	.01380	12.247	.17261	.00143	.08070	5.3705	.00241	H380-06
72	CCV6	2.4360	24.227	2.4055	.51537	58.802	2.3289	2.5413	2.5662	64.302	1.0639	CCV6
73	CCB6	-.00029	-.00795	-.00017	-.00010	-.00340	.00001	.00089	.00010	.02033	.00118	CCB6
74	IPI039SB	-.00031	-.00889	-.00053	-.00055	-.00907	-.00010	.00022	.00008	-.00291	.00131	IPI039SB
75	IPI039SL	.52624	5.4656	.52260	-.00051*	49.553	.51256	.51798	.53754	54.659	.60258*	IPI039SL
76	IPI039SC	.50388	5.2310	.50211	-.00062*	47.382	.49337	.50329	.51744	52.586	.57063	IPI039SC
77	H365-01A	.50420	57.588	.51432	.01203	48.907	.62682	.52954	.52794	55.180	.52253	H365-01A
78	H365-01	.00379	54.398	.01969	.01195	2.2598	.14709	.00379	.02850	3.4211	.00243	H365-01
79	H365-01J	.00070	10.741	.00396	.00250	.44891	.02928	.00076	.00567	.67612	.00167	H365-01J
80	H365-01M	.48473	48.259	.49299	.02261	48.665	.59969	.50704	.55300	54.707	.49393	H365-01M
81	H365-01S	.48642	56.041	.49246	.02559	49.272	.63379	.50081	.56082	53.574	.48631	H365-01S
82	H365-02	.00531	29.992	.03682	.01102	1.9085	.09357	.00229	.01816	2.7461	.00111	H365-02
83	H365-03	.08777	41.749	.65874	.01399	2.2376	.18339	.00239	.02850	3.1109	.00162	H365-03
84	CCV7	2.4148	24.178	2.3699	.50817	58.223	2.3145	2.4999	2.5227	63.436	1.0613	CCV7
85	CCB7	-.00019	-.00635	.00006	-.00005	.00026	.00006	.00092*	-.00002	.00943	.00143	CCB7
86	H365-04	.05154	32.503	.46396	.01298	2.3672	.24895	.00207	.02512	3.0656	.00205	H365-04
87	H365-05	.04832	33.384	.26972	.01237	2.3018	.30507	.00183	.02327	3.0716	.00278	H365-05
88	H365-06	.00474	36.756	.01741	.01394	2.5738	.33974	.00205	.02842	3.1282	.00163	H365-06
89	H365-07	.00625	32.986	.02806	.01403	2.3671	.35207	.00190	.02958	3.7793	.00194	H365-07
90	H365-08	.00857	31.223	.02760	.01309	2.2382	.35903	.00169	.02725	3.5589	.00299	H365-08
91	H365-09	.01712	43.791	.05481	.01840	3.2748	.94218	.00220	.04002	4.1839	.00260	H365-09
92	H365-10	.02941	40.257	.24151	.01900	3.1215	.67528	.00215	.03931	3.6883	.00282	H365-10
93	H365-11	.00866	33.023	.03263	.01300	2.3989	.26954	.00163	.02606	3.0300	.00201	H365-11
94	H365-12	.31397	35.888	3.8376	.01576	2.7605	.47611	.00184	.02971	3.7182	.00149	H365-12
95	H365-13	.00963	39.342	.03223	.01624	2.8241	.61808	.00207	.03178	3.5606	.00223	H365-13
96	CCV8	2.3979	23.806	2.3678	.51269	57.893	2.3093	2.5050	2.5236	64.246	1.0519	CCV8
97	CCB8	-.00033	-.00670	.00007	-.00057	.00030	-.00002	.00101*	-.00003	-.01108	.00112	CCB8
98	H365-14	.01062	35.417	.04438	.01453	2.3812	.23807	.00200	.02689	3.6613	.00292	H365-14
99	H365-15	.32845	33.027	6.6561	.01462	2.7225	.50797	.00207	.02596	3.6592	.00202	H365-15
100	H365-16	.00425	30.583	.01621	.01171	2.1127	.24034	.00162	.02137	2.8455	.00122	H365-16
101	H365-17	.01055	36.262	.02417	.01499	2.5936	.50604	.00191	.03052	3.2067	.00126	H365-17
102	H365-18	.01373	40.600	.02493	.01719	2.9048	.55485	.00206	.03437	3.5660	.00228	H365-18
103	H365-19	.50126	36.562	2.4563	.01404	2.9916	.49126	.00196	.02966	3.5313	.00209	H365-19
104	H365-20	.01623	29.947	.05343	.00942	1.8128	.10436	.00171	.01943	2.9746	.00223	H365-20
105	CCV9	2.4861	24.533	2.3977	.52387	57.527	2.3596	2.5579	2.5568	63.482	1,0792	CCV9
106	CCB9	-.00002	-.00757	-.00017	-.00046	.00171	.00010	.00090	.00003	-.01483	.00131	CCB9
107	IPI041SB	.00000	-.00520	.00007	-.00059	.00363	.00011	.00015	.00045	.00875	.00034	IPI041SB
108	IPI041SL	.45708	4.6979	.46382	-.00033*	44.139	.45616	.50489	.49198	49.561	.48322	IPI041SL
109	IPI041SC	.46342	4.7501	.47216	-.00069*	45.313	.46299	.51262	.50100	51.232	.48923	IPI041SC
110	I068-01A	.51612	30.872	.79614	.00249	49.170	.73245	.50661	.50248	52.755	.53592	I068-01A
111	I068-01T	.01483	26.326	.31076	.00295	2.5538	.26218	.00040	.01258	.72820	.00054	I068-01T

112	I068-01J	.00289	5.4008	.06384	.00048	.52391	.05372	.00012	.00246	.14529	.00054	I068-01J
113	I068-02T	.29289	8.7237	2.4968	.00055	3.1815	.14946	.00027	.01041	.22998	.00114	I068-02T
114	I068-03T	.08330	6.6951	2.4913	.00011	3.7528	.09214	-.00206	.00802	.18100	.00046	I068-03T
115	I068-04T	.05254	4.1491	2.4725	.00039	2.6913	.09065	-.00126	.00701	.16188	.00120	I068-04T
116	I068-05T	.02451	4.8152	2.4475	.00017	3.4780	.08815	-.00085	.00773	.13568	.00060	I068-05T
117	CCV10	2.4149	24.090	2.3771	.52030	58.693	2.3281	2.5038	2.5297	64.793	1.0612	CCV10
118	CCB10	-.00023	-.00904	-.00020	-.00078	-.00030	.00003	.00099*	.00023	-.03673	.00119	CCB10
119	I068-06T	.00312	2.8397	.07390	.00347	1.6718	.12907	.00032	.00882	.67456	-.00044	I068-06T
120	I068-07T	.01946	2.3722	2.0907	.00013	2.1577	.03164	-.00109	.00499	.10884	.00190	I068-07T
121	I068-08T	.02018	17.214	2.1187	.00141	3.1429	.28676	-.00129	.00783	.29722	.00161	I068-08T
122	I068-09T	.03059	13.612	2.3798	.00128	4.1657	.15455	-.00257	.01242	.21051	.00069	I068-09T
123	H638-17T	.11013	14.685	25.881	.00161	9.2245	.24287	-.00113	.03506	.43861	.00261	H638-17T
124	H638-19T	.13568	18.032	28.282	.00128	11.907	.30323	-.00156	.04142	.47153	.00267	H638-19T
125	CCV11	2.4617	24.433	2.3779	.52111	57.386	2.3388	2.5350	2.5349	63.227	1.0695	CCV11
126	CCB11	.00003	-.00703	.00028	-.00038	-.00171	.00011	.00105*	.00014	-.00962	.00138	CCB11
127	H354-05A	1.0467	10.112	.98095	.01983	157.42	.97125	1.0225	.97381	96.509	1.1838	H354-05A
128	H354-05T	.00061	.00994	.00033	.01901	110.10	.01594	.00076	.00003	38.709	.00147	H354-05T
129	H354-05J	.00022	-.00717	.00028	.00399	22.491	.00341	.00019	-.00001	7.6179	.00100	H354-05J
130	H354-05M	.10449	1.0333	.09980	.01850	119.40	.11319	.10700	.10619	50.813	.12037	H354-05M
131	H354-05S	.10402	1.0293	.09961	.01875	120.42	.11313	.10758	.10630	51.328	.11953	H354-05S
132	H354-05	.00083	-.02263	.00030	.01894	113.44	.01643	.00039	.00039	40.175	.00076	H354-05
133	H354-05M	.10816	1.0329	.10158	.01991	124.04	.11592	.11521	.10984	52.498	.12337	H354-05M
134	H354-05S	.10951	1.0370	.10423	.01919	120.85	.11713	.11448	.11135	52.468	.12633	H354-05S
135	CCV12	2.5033	24.710	2.4171	.52941	57.636	2.3548	2.5790	2.5739	65.056	1.0909	CCV12
136	CCB12	-.00009	-.00613	-.00015	-.00051	-.00248	.00001	.00114*	.00012	.01290	.00156	CCB12
137	IPI046WB	.00012	-.00755	.00011	-.00031	.00905	.00030	.00018	.00053	.03605	-.00015	IPI046WB
138	IPI046WL	.51699	5.3083	.51494	-.00061*	47.515	.50214	.51301	.52912	54.787	.57979	IPI046WL
139	IPI046WC	.51018	5.1941	.50967	-.00010*	47.611	.49513	.51700	.52573	55.513	.56818	IPI046WC
140	I714-01A	.53276	5.1943	.50601	.00622	81.075	.51011	.52259	.50013	72.450	.57805	I714-01A
141	I714-01	.00755	.00009	.00288	.00587	34.820	.03217	.00562	.00311	18.293	.00027	I714-01
142	I714-01D	.00710	-.00304	.00303	.00608	34.812	.03170	.00504	.00279	18.258	.00159	I714-01D
143	I714-01J	.00142	-.00813	.00072	.00073	7.2558	.00663	.00108	.0006B	3.5765	.00032	I714-01J
144	I714-01M	.51921	5.0968	.49817	.00654	81.954	.50368	.53075	.51881	73.335	.57204	I714-01M
145	I714-01S	.52230	5.0923	.49718	.00624	81.837	.50712	.52853	.51785	73.452	.57699	I714-01S
146	CCV13	2.4863	24.564	2.4136	.53128	57.440	2.3446	2.5729	2.5673	65.242	1.0842	CCV13
147	CCB13	.00000	-.00659	.00034	-.00031	-.00098	.00019	.00118*	.00013	.04043	.00151	CCB13
148	ICSA3	-.00026	186.45	-.00130	.00160	181.95	.00186	-.00222	-.00093	.00338	.00365	ICSA3
149	ICSAB3	.50349	184.77	.90405	1.0872	179.71	.44141	1.0159	.98128	83.401	1.0840	ICSAB3
150	CCV14	2.4997	24.762	2.4185	.53059	57.781	2.3410	2.5746	2.5736	64.834	1.0892	CCV14
151	CCB14	.00006	.05600*	.00019	-.00002	-.00123	.00035	.00110*	.00033	.01629	.00092	CCB14
152	I036-01	.62238	61.595	4.2438	.00459	197.53	1.6408	-.00349	.07960	1.9213	.00625	I036-01
153	I036-02	.69586	43.823	7.2200	.00528	176.87	1.3778	-.00307	.06236	1.9524	.00592	I036-02
154	I036-03	1.7214	65.823	10.178	.00469	213.96	1.7770	.00060	.07141	2.5598	.01055	I036-03
155	I036-04	.93246	56.702	11.387	.00514	211.78	1.6656	-.00453	.06310	1.9708	.00606	I036-04
156	I036-05	.69170	49.330	6.7242	.00532	181.73	1.4219	-.00380	.05761	2.0438	.00558	I036-05
157	I036-06	1.3299	57.396	10.774	.00471	188.53	1.6715	-.00463	.07074	2.2058	.00809	I036-06
158	I036-07	.95038	51.997	7.5958	.00555	182.45	1.3906	-.00441	.07186	2.0261	.00451	I036-07
159	I036-08	1.3260	61.017	8.9661	.00404	231.06	1.8100	-.00413	.07022	1.9112	.00806	I036-08
160	I036-09	.70358	69.158	4.6518	.00438	220.19	1.8019	-.00363	.08166	1.9368	.00655	I036-09
161	I036-10	.76234	85.648	27.508	.00794	107.74	1.6361	.00102	.11058	2.7634	.00660	I036-10
162	CCV15	2.5043	24.619	2.3998	.52680	56.466	2.3106	2.5691	2.5591	63.984	1.0818	CCV15
163	CCB15	.00002	-.00507	-.00005	-.00067	.00662	.00030	.00104*	.00019	.00683	.00115	CCB15
164	I036-11	1.2602	63.410	36.830	.01009	91.523	1.5009	.00245	.11497	3.5080	.01066	I036-11
165	I036-12	.79711	49.068	20.667	.00638	98.239	1.1873	.00951	.08549	2.6806	.01058	I036-12
166	I036-13	.79960	56.111	16.397	.00403	78.792	1.1088	-.00064	.08721	2.8002	.00907	I036-13
167	I036-14	.73713	52.065	15.232	.00669	109.28	1.4460	-.00122	.09496	3.4622	.01115	I036-14
168	I036-15	.89317	47.438	25.920	.00624	107.65	1.2670	-.00137	.10945	2.7678	.01377	I036-15

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
169	I036-16	1.8480	78.622	53.682	.00656	106.04	1.7918	.00140	.14586	3.0140	.02158	I036-16
170	I036-17	2.1225	75.890	23.251	.00755	108.35	1.7745	.00231	.13847	3.4451	.01813	I036-17
171	I036-18	.81189	49.986	20.276	.00692	99.468	1.2303	.01113	.08651	2.8909	.00834	I036-18
172	CCV16	2.4795	24.301	2.3846	.52907	56.040	2.3238	2.5553	2.5339	64.785	1.0809	CCV16
173	CCB16	-.00008	-.00453	.00030	-.00053	.00350	.00020	.00107*	.00017	.00838	.00058	CCB16
174	IPI043WB	.00020	-.00773	.00016	-.00079	.00160	.00031	.00018	.00074	.01770	-.00022	IPI043WB
175	IPI043WL	.52200	5.2960	.51565	-.00040*	46.878	.50138	.51815	.52939	55.779	.58614	IPI043WL
176	IPI043WC	.51665	5.2159	.50996	-.00041*	47.298	.49723	.52076	.52429	56.413	.57819	IPI043WC
177	WTI002SB	.00131	.00348	-.00031	.00427	.01663	.00029	.00031	.00029	1.3047*	.03755*	WTI002SB
178	I064-01A	.56740	8.1748	.51672	.00788	47.202	2.1120	.53600	.51974	58.095	.64163	I064-01A
179	I064-01T	.02862	3.0882	.01147	.00701	2.1653	1.6751	.00174	.01651	1.3180	.00764	I064-01T
180	I064-01J	.00581	.63034	.00258	.00133	.45037	.34333	.00044	.00334	.30808	.00220	I064-01J
181	I064-01M	.13383	4.5832	.10806	.00865	11.239	2.0095	.10622	.11967	12.574	.13066	I064-01M
182	I064-01S	.13444	4.4419	.11035	.00843	11.160	1.9236	.10707	.12093	12.645	.13288	I064-01S
183	I064-02T	.03605	4.6023	.01230	.00407	3.4159	2.7541	.00408	.02698	1.4124	.01108	I064-02T
184	CCV17	2.5402	24.767	2.4220	.54442	56.345	2.3526	2.6085	2.5731	66.205*	1.1086*	CCV17
185	CCB17	.00022	-.00614	.00004	-.00020	-.00151	.00018	.00114*	.00016	.06550	.00120	CCB17

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00012	.00038	-.00018	-.00030	.00004	.00003	-.00021	.00109	Blank
2	S20									S20
3	S21									S21
4	S22							.12883		S22
5	S23							1.2771		S23
6	S24		.79104							S24
7	S25		4.4662							S25
8	S26									S26
9	S27									S27
10	S28				.12010					S28
11	S29				1.1505					S29
12	S30	.03903		.11013		.02496	.01671		.59802	S30
13	S31	.19126		.54654		.12090	.08247		5.8060	S31
14	ICV	.51120	64.335	.49088	2.3863	.49646	.50261	1.5186	2.6859	ICV
15	ICB	-.00013	.02041	-.00007	.00086	.00011	.00052	-.00005	.00041	ICB
16	MRLI1601	.01019	1.0508	.01023	.01082	.00024	.01036	.01043	.01134	MRLI1601
17	MRLI1602	.00935	.54098	.01026	.01043	.00990	.00982	.01011	.02322	MRLI1602
18	ICSA1	-.00013	.06688	.00015	-.00204	.00058	.00010	-.00027	.00244	ICSA1
19	ICSAB1	1.0742	81.642	.48191	.88938	.96702	.97078	.48569	1.0363	ICSAB1
20	CCV1	.51050	63.953	.49133	2.3991	.49621	.50290	1.5171	2.6875	CCV1
21	CCB1	-.00005	.02579	.00002	.00089	.00012	.00023	-.00001	.00033	CCB1
22	IPI045WB	.00008	.01256	.00004	.00152	-.00033	.00005	.00000	.00225	IPI045WB
23	ZZZZZZZ	.55113	54.511	.49149	.52479	.51282	.53686	.54218	.56952	ZZZZZZZ
24	ZZZZZZZ	.51809	53.717	.49099	.53294	.49623	.53642	.54827	.57671	ZZZZZZZ
25	I051-01A	.44303	111.64	.74223	.51322	.48919	.51528	.53266	.57075	I051-01A
26	I051-01	.00058	61.661	.26834	.00063	.00864	.00100	.00055	.00622	I051-01
27	I051-01J	.00147	12.166	.05394	.00016	.00219	.00025	.00003	.00363	I051-01J
28	I051-01M	.44444	113.94	.76161	.50661	.47153	.53191	.53595	.57389	I051-01M
29	I051-01S	.26685	114.48	.76131	.50928	.49181	.53507	.53708	.57230	I051-01S
30	I166-01	.00185	199.95	.21516	.00106	.00896	.00714	.00823	.00388	I166-01
31	I166-02	.00152	200.55	.05062	.00062	.00650	.00142	-.00018	.01035	I166-02
32	CCV2	.51779	63.289	.48599	2.3627	.49546	.50432	1.5271	2.6901	CCV2
33	CCB2	.00194*	.04564	-.00003	.00086	.00030	.00018	-.00002	.00020	CCB2
34	I031-20	-.00004	.04380	.00020	.00057	-.00015	-.00035	.00003	.00280	I031-20
35	I043-02	-.00030	88.068	1.7134	.00078	-.00039	.00229	.00154	.00245	I043-02
36	I043-03	-.00017	90.303	1.7475	.00070	-.00031	.00233	-.00041	.00346	I043-03
37	I043-04	-.00011	79.744	1.6285	.00047	-.00030	.00227	-.00042	.00395	I043-04
38	I043-05	-.00027	92.423	1.9055	.00068	-.00036	.00227	-.00043	.00271	I043-05
39	H661-09	-.00050	*****	18.144	-.00015	-.00087	-.02711*	.00047	.00939	H661-09
40	H661-10	-.00041	597.64	2.9888	.00100	-.00128	.00034	-.00057	.00909	H661-10
41	H633-02	-.00017	36.538	.35052	.00064	-.00031	.00241	-.00029	.00673	H633-02
42	H633-04	-.00021	64.193	.54287	.00026	-.00011	.00165	-.00036	.00543	H633-04
43	H633-05	-.00028	65.301	.54882	.00030	-.00024	.00188	-.00024	.00598	H633-05
44	CCV3	.50956	64.488	.48744	2.3576	.49478	.50209	1.5300	2.7274	CCV3
45	CCB3	-.00005	.25722*	-.00005	.00087	-.00008	.00052	.00005	.00037	CCB3
46	I006-01	.00000	63.105	.45420	.00117	-.00018	.00150	-.00021	.01140	I006-01
47	I005-02	-.00023	46.870	.44479	.00058	-.00011	.00259	.00067	.01377	I005-02
48	I005-03	-.00012	87.758	.21835	.00042	-.00061	.00174	.00129	.00616	I005-03
49	I005-03M	.21944	140.32	.69318	.48541	.43648	.50748	.51556	.56077	I005-03M
50	I005-03S	.40011	137.92	.68977	.48270	.48916	.51686	.52567	.55970	I005-03S
51	I005-05	.00089	87.396	.21572	.00024	.01372	.00250	.00133	.00818	I005-05
52	I019-02	.00179	*****	14.172	.00026	.00495	-.02242*	-.00181	.00395	I019-02
53	I019-03	.00049	849.71*	5.0691	.00029	.00156	-.00207	-.00082	.00220	I019-03
54	I019-04	-.00025	861.49*	5.1684	.00051	.00086	-.00180	-.00069	.00111	I019-04

55	CCV4	.51377	65.664	.49375	2.3848	.49894	.50110	1.5327	2.7328	CCV4
56	CCB4	.00020	.27957*	-.00003	.00091	.00014	.00022	-.00013	.00066	CCB4
57	IPI045WL	.47899	52.238	.45429	.47108	.52145	.49839	.50878	.55200	IPI045WL
58	IPI045WC	.48015	52.571	.45749	.47525	.52298	.49907	.50761	.56401	IPI045WC
59	ICSA2	-.00004	.34456	.00025	-.00040	.00071	.00000	-.00044	.00177	ICSA2
60	ICSAB2	1.0656	83.127	.48478	.89199	.95703	.94664	.47971	1.0388	ICSAB2
61	CCV5	.51556	65.228	.49308	2.3772	.49109	.50385	1.5436	2.7324	CCV5
62	CCB5	-.00003	.14476*	-.00008	.00100	-.00022	.00052	-.00006	.00071	CCB5
63	IPI040SB	.00016	.07654	.00015	.00167	.00082	-.00029	.00011	.00248	IPI040SB
64	IPI040SL	.47216	50.174	.46182	.47489	.53933	.49626	.50054	.54661	IPI040SL
65	IPI040SC	.47337	51.091	.46851	.47928	.54098	.49954	.49921	.55317	IPI040SC
66	H365-21A	.47529	53.301	.51358	.49272	.51835	2.3788	.63843	.61270	H365-21A
67	H365-21	-.00009	.79158	.04802	-.00095	.03589	1.9784	.12863	.05500	H365-21
68	H365-21J	-.00027	.23992	.00965	.00020	.00724	.39763	.02561	.01087	H365-21J
69	H365-21M	.49455	54.231	.52592	.48478	.52118	2.0588	.60841	.57795	H365-21M
70	H365-21S	.48863	53.582	.51750	.47497	.51462	2.2808	.62044	.67347	H365-21S
71	H380-06	-.00029	6.3761	.43985	-.00117	.03675	.76737	.16004	.33188	H380-06
72	CCV6	.51361	64.686	.49162	2.3877	.49232	.50452	1.5402	2.7228	CCV6
73	CCB6	-.00008	.08460	-.00007	.00078	-.00021	.00072	-.00004	.00025	CCB6
74	IPI039SB	-.00005	.07009	-.00012	.00036	-.00012	.00021	.00002	.00023	IPI039SB
75	IPI039SL	.55764	56.161	.50156	.53527	.51373	.53132	.54472	.59561	IPI039SL
76	IPI039SC	.53462	54.421	.48637	.51543	.49491	.51053	.52304	.57339	IPI039SC
77	H365-01A	.48159	54.252	.51704	.50100	.52404	2.2591	.67923	.63080	H365-01A
78	H365-01	.00020	.69717	.04100	-.00010	.03262	1.7857	.15774	.06628	H365-01
79	H365-01J	-.00011	.18058	.00812	-.00046	.00614	.35294	.03081	.01556	H365-01J
80	H365-01M	.49140	54.068	.51472	.47865	.51484	2.5041	.62428	.59466	H365-01M
81	H365-01S	.48745	53.547	.51258	.47058	.51533	2.7980	.64109	.59855	H365-01S
82	H365-02	-.00001	.68722	.03023	-.00065	.03368	1.3007	.08981	.02171	H365-02
83	H365-03	.00009	.73106	.07190	-.00149	.03507	1.6066	.10937	.04747	H365-03
84	CCV7	.50757	64.186	.48647	2.3557	.48540	.49569	1.5170	2.6957	CCV7
85	CCB7	-.00004	.05602	-.00004	.00098	-.00016	.00040	-.00009	-.00044	CCB7
86	H365-04	-.00010	.83699	.07668	-.00086	.03518	1.5262	.09553	.04365	H365-04
87	H365-05	-.00005	.67557	.06615	-.00064	.03576	1.3509	.09502	.03480	H365-05
88	H365-06	-.00006	.70766	.07748	-.00084	.03517	1.4175	.10021	.02755	H365-06
89	H365-07	-.00011	.60041	.05976	-.00095	.03365	1.3605	.08702	.02652	H365-07
90	H365-08	-.00017	.56950	.05885	-.00107	.03538	1.2759	.08132	.02628	H365-08
91	H365-09	.00005	.71704	.12964	-.00133	.03506	1.5865	.11153	.03538	H365-09
92	H365-10	-.00019	.65393	.09852	-.00106	.03573	1.5673	.10398	.04158	H365-10
93	H365-11	-.00009	.68805	.04427	-.00078	.03494	1.3766	.08852	.02735	H365-11
94	H365-12	.00007	.70976	.13216	-.00166	.03655	1.3629	.09363	.12878	H365-12
95	H365-13	.00010	.59440	.08672	-.00127	.03554	1.4040	.10396	.03600	H365-13
96	CCV8	.50891	64.342	.48682	2.3556	.48325	.49717	1.5206	2.6928	CCV8
97	CCB8	.00001	.03261	-.00005	.00059	.00017	.00084	-.00008	-.00059	CCB8
98	H365-14	-.00012	.67631	.04365	-.00073	.03545	1.6083	.10309	.03021	H365-14
99	H365-15	.00053	.68007	.22516	-.00138	.03586	1.3190	.09173	.09080	H365-15
100	H365-16	-.00014	.51178	.04018	-.00072	.03559	1.3205	.08531	.02291	H365-16
101	H365-17	.00004	.57567	.06476	-.00077	.03537	1.3895	.09468	.02881	H365-17
102	H365-18	-.00004	.64106	.07354	-.00117	.03578	1.5395	.10627	.03101	H365-18
103	H365-19	.00011	.91875	.15565	-.00057	.03594	1.3136	.09222	.12489	H365-19
104	H365-20	-.00007	.63949	.04728	-.00061	.03327	1.4365	.09184	.02207	H365-20
105	CCV9	.51415	66.379*	.49953	2.4226	.49100	.49145	1.5171	2.7108	CCV9
106	CCB9	-.00002	.02647	-.00007	.00066	-.00038	.00030	-.00002	-.00073	CCB9
107	IPI041SB	.00004	.01995	.00006	.00136	.00109	-.00013	-.00004	.00129	IPI041SB
108	IPI041SL	.46677	51.587	.45103	.47052	.50425	.47234	.48650	.54494	IPI041SL
109	IPI041SC	.47681	52.938	.45776	.47793	.50981	.47959	.49619	.55544	IPI041SC
110	I068-01A	.48965	54.421	.48455	.50510	.49165	.58940	.55069	6.7286	I068-01A
111	I068-01T	-.00023	.06664	.01101	.00060	.00426	.09557	.03533	6.0546	I068-01T

112	I068-01J	-.00018	.02842	.00227	.00047	.00088	.01939	.00705	1.2329	I068-01J
113	I068-02T	.00016	.07360	.00838	.00039	.01220	.02857	.00678	12.291	I068-02T
114	I068-03T	.00002	.05692	.00989	.00023	.00520	.01940	.00542	23.307	I068-03T
115	I068-04T	-.00012	.07015	.01942	-.00022	.00679	.01699	.00406	15.132	I068-04T
116	I068-05T	-.00002	.06253	.01583	.00010	.00411	.01452	.00266	13.047	I068-05T
117	CCV10	.51404	65.208	.49060	2.3549	.48671	.49879	1.5367	2.7090	CCV10
118	CCB10	.00000	.02999	-.00010	.00058	-.00027	.00035	-.00012	-.00070	CCB10
119	I068-06T	-.00033	.13554	.16051	-.00039	.00286	.01061	.00496	.56840	I068-06T
120	I068-07T	-.00008	.04175	.00432	.00012	.00397	.00637	.00205	15.311	I068-07T
121	I068-08T	-.00006	.04918	.00875	-.00036	.00668	.05876	.02786	16.027	I068-08T
122	I068-09T	-.00001	.06548	.01242	.00036	.00391	.06225	.01499	26.562	I068-09T
123	H638-17T	.00018	.05274	.01837	.00021	.00460	.03475	.01341	26.074	H638-17T
124	H638-19T	.00018	.06290	.02271	-.00006	.00726	.03572	.01558	34.273	H638-19T
125	CCV11	.51047	65.994	.49545	2.4014	.48653	.48796	1.5093	2.6951	CCV11
126	CCB11	-.00006	.02560	-.00006	.00089	.00001	.00038	-.00006	-.00036	CCB11
127	H354-05A	1.1108	841.87*	1.8426	.95770	.96447	.98101	1.0600	1.1621	H354-05A
128	H354-05T	.00003	784.68*	.88720	-.00031	-.00030	.00286	-.00042	.00179	H354-05T
129	H354-05J	-.00020	171.94	.18145	.00042	-.00010	.00082	-.00041	.00215	H354-05J
130	H354-05M	.11500	799.61*	.99611	.09564	.10072	.10434	.10595	.11828	H354-05M
131	H354-05S	.11490	804.92*	.99415	.09604	.10163	.10520	.10622	.11908	H354-05S
132	H354-05	-.00004	812.94*	.92078	-.00001	-.00043	.00216	-.00031	.00194	H354-05
133	H354-05M	.11881	824.57*	1.0311	.09842	.10856	.11171	.10883	.12174	H354-05M
134	H354-05S	.12130	816.60*	1.0212	.10042	.10732	.11099	.11084	.12392	H354-05S
135	CCV12	.51804	67.356*	.50469	2.4453	.49290	.49608	1.5302	2.7346	CCV12
136	CCB12	-.00002	.16493*	-.00005	.00125	-.00018	.00036	-.00001	.00199	CCB12
137	IPI046WB	.00011	.14532*	.00007	.00111	-.00043	-.00018	-.00001	.00147	IPI046WB
138	IPI046WL	.43625	56.004	.49680	.53341	.47794	.51344	.53890	.57827	IPI046WL
139	IPI046WC	.54741	56.458	.49667	.52542	.50798	.51550	.53194	.56558	IPI046WC
140	I714-01A	.45907	323.82	.98400	.50145	.45581	.50122	.52953	.61949	I714-01A
141	I714-01	.00050	279.48	.51172	.00117	.00984	.00320	.00236	.04488	I714-01
142	I714-01D	.00004	278.24	.50651	.00032	.00401	.00277	.00195	.04622	I714-01D
143	I714-01J	.00030	59.231	.10525	-.00016	.00234	.00099	.00029	.00951	I714-01J
144	I714-01M	.55297	333.64	1.0059	.49149	.50352	.50990	.52085	.60849	I714-01M
145	I714-01S	.46844	337.82	1.0081	.49392	.48348	.50446	.52153	.61046	I714-01S
146	CCV13	.51911	67.564*	.50401	2.4385	.49448	.49433	1.5316	2.7285	CCV13
147	CCB13	.00006	.13211*	.00003	.00075	.00014	-.00004	-.00007	.00031	CCB13
148	ICSA3	-.00011	.20896	.00047	.00001	.00122	.00042	-.00042	.00227	ICSA3
149	ICSAB3	1.0857	85.700	.49392	.90536	.95234	.94988	.48677	1.0483	ICSAB3
150	CCV14	.51887	67.496*	.50453	2.4407	.49437	.49691	1.5325	2.7381	CCV14
151	CCB14	.00002	.08520	-.00009	.00112	.00005	.00034	-.00013	.00203	CCB14
152	I036-01	.00016	.75432	.12152	-.00095	.04077	.04933	.04726	154.37*	I036-01
153	I036-02	-.00018	.73529	.11358	-.00094	.04063	.05967	.04811	67.834*	I036-02
154	I036-03	.00006	.76944	.13085	-.00044	.04262	.02992	.05717	86.116*	I036-03
155	I036-04	.00006	.78451	.13374	-.00140	.04001	.05300	.05467	96.020*	I036-04
156	I036-05	-.00012	.80000	.11439	-.00105	.04332	.05124	.05063	83.400*	I036-05
157	I036-06	.00009	.74395	.12112	-.00163	.04108	.07601	.06031	103.30*	I036-06
158	I036-07	-.00005	.74341	.11506	-.00252	.04013	.09767	.06368	81.856*	I036-07
159	I036-08	-.00013	.83990	.14405	-.00064	.04294	.04570	.05611	95.695*	I036-08
160	I036-09	.00015	.75472	.13393	-.00155	.04105	.04892	.05164	159.46*	I036-09
161	I036-10	.00066	.64939	.15357	-.00103	.05530	.12434	.05288	138.55*	I036-10
162	CCV15	.51383	66.922*	.50228	2.4343	.48947	.48911	1.5122	2.7031	CCV15
163	CCB15	-.00007	.04624	-.00006	.00075	.00012	.00029	-.00003	.00075	CCB15
164	I036-11	.00055	.67536	.28836	-.00052	.04461	.05148	.04814	135.88*	I036-11
165	I036-12	.00061	.61979	.19423	-.00036	.04112	.03968	.04258	134.80*	I036-12
166	I036-13	.00059	.61530	.15845	-.00055	.04213	.04119	.04163	120.17*	I036-13
167	I036-14	.00050	.67069	.17362	-.00086	.03984	.04578	.05196	114.54*	I036-14
168	I036-15	.00068	.72745	.14506	-.00128	.04385	.08528	.05486	139.02*	I036-15

169	I036-16	.00078	.76331	.25775	-.00004	.04398	.03892	.04591	143.55*	I036-16
170	I036-17	.00082	.74681	.15764	-.00098	.04657	.05602	.05386	153.07*	I036-17
171	I036-18	.00056	.60086	.19773	-.00185	.04161	.04252	.04422	139.79*	I036-18
172	CCV16	.51498	67.360*	.50194	2.4252	.48368	.48436	1.5094	2.6939	CCV16
173	CCB16	.00005	.03707	-.00003	.00107	-.00034	.00026	.00010	.00104	CCB16
174	IPI043WB	.00002	.02864	.00004	.00131	-.00039	-.00021	-.00002	.00455	IPI043WB
175	IPI043WL	.44376	57.020	.50320	.54054	.47253	.51283	.53858	.57673	IPI043WL
176	IPI043WC	.55199	57.454	.50202	.53228	.50262	.51333	.53164	.56671	IPI043WC
177	WTI002SB	.00085	*****	.00135*	-.02401*	.00924	.00034	.00003	.01664*	WTI002SB
178	I064-01A	.54585	616.10	.68999	.50523	.49983	.59499	.55066	2.7261	I064-01A
179	I064-01T	-.00005	573.70	.20050	-.00308	.00283	.09728	.01347	2.1703	I064-01T
180	I064-01J	-.00001	121.26	.04073	-.00041	.00042	.02029	.00270	.42553	I064-01J
181	I064-01M	.10767	670.44	.32839	.09281	.10019	.21039	.11752	2.6266	I064-01M
182	I064-01S	.10971	641.28	.31909	.09487	.10069	.20617	.11935	2.5090	I064-01S
183	I064-02T	.00016	611.56	.42222	-.00259	.00698	.07525	.02289	.27023	I064-02T
184	CCV17	.52474	69.658*	.51433	2.4805	.48896	.48972	1.5284	2.7294	CCV17
185	CCB17	.00003	.18150*	-.00003	.00119	.00000	.00050	.00005	.00048	CCB17
INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID

ID8I016 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	pH	Extract Volume (ml)
01	TP1045-WB	50	—	50
02	-WL	50	—	50
03	-WL	50	—	50
04	I031-20	50	<2	50
05	I043-02	50	<2	50
06	-03	50	<2	50
07	-04	50	<2	50
08	-05	50	<2	50
09	H661-09	50	<2	50
10	-10	50	<2	50
11	I051-01	50	<2	50
12	-01M	50	<2	50
13	-01S	50	<2	50
14	I006-01	50	<2	50
15	I005-02	50	<2	50
16	-03	50	<2	50
17	-03M	50	<2	50
18	-03S	50	<2	50
19	-05	50	<2	50
20	H633-02	50	<2	50
21	-04	50	<2	50
22	-05	50	<2	50
23	I019-02	50	<2	50
24	-03	50	<2	50
25	-04	50	<2	50
26	I166-01	50	<2	50
27	-02	50	<2	50
28				
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40				

9-14-10 MC

Book#: EIP-092
Batch: IPE045-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☐ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-14-10	11:00	90°c
END	9-14-10	15:00	90°c

Standards	ID	Amount Added (ml)
LCS 1	SM1A-013028	0.25
LCS-2	-129	0.25
LCS-3	-130	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SM1A-04-253	1.5+1.5
HCl	SM1A-221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)		
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SM5A-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10 mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9-14-10

Date endorsed to waste Disposal:

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I043

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 300.0
ANIONS BY IC

A total of five (5) water samples were received on 09/02/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI009WL/C were all within QC limits.
Percent recoveries for ICI011WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

Sample I043-02 was initially analyzed at 2x dilution due to the orange color except for Chloride.

Sample I043-01 for Nitrite-N was reported from 2x dilution due to the Chloride interference.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1C1043

Matrix : WATER
Instrument ID : I'00

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MCIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1009WB	ND	1	NA	0.500	0.250	09/03/1011:04	NA	A105-03	A105-01	1C1009W	NA	NA
LCS1W	1C1009WL	5.17	1	NA	0.500	0.250	09/03/1011:20	NA	A105-04	A105-01	1C1009W	NA	NA
LCD1W	1C1009WC	5.17	1	NA	0.500	0.250	09/03/1011:37	NA	A105-05	A105-01	1C1009W	NA	NA
MW-70-PMW03A-A10	1043-02	1.35	2	NA	1.00	0.500	09/03/1014:34	NA	A105-16	A105-13	1C1009W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	0.349J	1	NA	0.500	0.250	09/03/1014:51	NA	A105-17	A105-13	1C1009W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	0.279J	1	NA	0.500	0.250	09/03/1015:07	NA	A105-18	A105-13	1C1009W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	0.510	1	NA	0.500	0.250	09/03/1015:23	NA	A105-19	A105-13	1C1009W	09/02/1013:42	09/02/10
IW-70-SA806-A10	1043-01	2.30	2	NA	1.00	0.500	09/03/1018:53	NA	A105-32	A105-24	1C1009W	09/02/1009:05	09/02/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : IICO

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	I0IC11WB	ND	1	NA	0.200	0.100	09/03/1020:30	NA	AI05-38	AI05-36	IC0C11W	NA	NA
LCS1W	I0IC11WL	5.01	1	NA	0.200	0.100	09/03/1020:46	NA	AI05-39	AI05-36	IC0C11W	NA	NA
LCD1W	I0IC11WC	5.01	1	NA	0.200	0.100	09/03/1021:02	NA	AI05-40	AI05-36	IC0D11W	NA	NA
IW-70-SAB06-A10	I043-01	203	20	NA	4.00	2.00	09/04/1003:30	NA	AI05-64	AI05-60	IC0C11W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	I043-02	211	20	NA	4.00	2.00	09/04/1003:46	NA	AI05-65	AI05-60	IC0D11W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	I043-03	230	20	NA	4.00	2.00	09/04/1004:02	NA	AI05-66	AI05-60	IC0D11W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	I043-04	206	20	NA	4.00	2.00	09/04/1004:19	NA	AI05-67	AI05-60	IC0D11W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	I043-05	239	20	NA	4.00	2.00	09/04/1004:35	NA	AI05-68	AI05-60	IC0D11W	09/02/1013:42	09/02/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1009WB	ND	1	NA	0.200	0.0500	09/03/1011:04	NA	A105-03	A105-01	1C1009W	NA	NA
LCS1W	1C1009WL	1.91	1	NA	0.200	0.0500	09/03/1011:20	NA	A105-04	A105-01	1C1009W	NA	NA
LCD1W	1C1009WC	1.91	1	NA	0.200	0.0500	09/03/1011:37	NA	A105-05	A105-01	1C1009W	NA	NA
1W-70-SAB06-A10	1043-01	0.0544	1	NA	0.200	0.0500	09/03/1014:18	NA	A105-15	A105-13	1C1009W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	ND	2	NA	0.400	0.100	09/03/1014:34	NA	A105-16	A105-13	1C1009W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	0.200	0.0500	09/03/1014:51	NA	A105-17	A105-13	1C1009W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	0.200	0.0500	09/03/1015:07	NA	A105-18	A105-13	1C1009W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	0.200	0.0500	09/03/1015:23	NA	A105-19	A105-13	1C1009W	09/02/1013:42	09/02/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1009WB	ND	1	NA	0.200	0.0500	09/03/1011:04	NA	A105-03	A105-01	IC1009W	NA	NA
LCS1W	IC1009WL	2.03	1	NA	0.200	0.0500	09/03/1011:20	NA	A105-04	A105-01	IC1009W	NA	NA
LCD1W	IC1009WC	2.03	1	NA	0.200	0.0500	09/03/1011:37	NA	A105-05	A105-01	IC1009W	NA	NA
MW-70-PMW03A-A10	1043-02	ND	2	NA	0.400	0.100	09/03/1014:34	NA	A105-16	A105-13	IC1009W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	0.200	0.0500	09/03/1014:51	NA	A105-17	A105-13	IC1009W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	0.200	0.0500	09/03/1015:07	NA	A105-18	A105-13	IC1009W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	0.200	0.0500	09/03/1015:23	NA	A105-19	A105-13	IC1009W	09/02/1013:42	09/02/10
IW-70-SA906-A10	1043-01	ND	2	NA	0.400	0.100	09/03/1018:53	NA	A105-32	A105-24	IC1009W	09/02/1009:05	09/02/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010C43

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1009WB	ND	1	NA	0.500	0.250	09/03/1011:04	NA	A105-03	A105-01	IC1009W	NA	NA
LCS1W	IC1009WL	4.83	1	NA	0.500	0.250	09/03/1011:20	NA	A105-04	A105-01	IC1009W	NA	NA
LCD1W	IC1009WC	4.83	1	NA	0.500	0.250	09/03/1011:37	NA	A105-05	A105-01	IC1009W	NA	NA
MW-70-SAB06-A10	1043-01	4.48	1	NA	0.500	0.250	09/03/1014:18	NA	A105-15	A105-13	IC1009W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	0.538J	2	NA	1.00	0.500	09/03/1014:34	NA	A105-16	A105-13	IC1009W	09/02/1010:37	09/02/10
MBLK2W	IC1011WB	ND	1	NA	0.500	0.250	09/03/1020:30	NA	A105-38	A105-36	IC1011W	NA	NA
LCS2W	IC1011WL	4.84	1	NA	0.500	0.250	09/03/1020:46	NA	A105-39	A105-36	IC1011W	NA	NA
LCD2W	IC1011WC	4.85	1	NA	0.500	0.250	09/03/1021:02	NA	A105-40	A105-36	IC1011W	NA	NA
MW-70-PMW03B-A10	1043-03	349	20	NA	10.0	5.00	09/04/1004:02	NA	A105-66	A105-60	IC1011W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	334	20	NA	10.0	5.00	09/04/1004:19	NA	A105-67	A105-60	IC1011W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	366	20	NA	10.0	5.00	09/04/1004:35	NA	A105-68	A105-60	IC1011W	09/02/1013:42	09/02/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: BLK1W
LAB SAMP ID: IC1009WB | IC1009WL | IC1009WC
LAB FILE ID: A105-03 | A105-04 | A105-05
DATE EXTRACTED: NA | NA | NA | DATE COLLECTED: NA
DATE ANALYZED: 09/03/1011:04 | 09/03/1011:20 | 09/03/1011:37 | DATE RECEIVED: NA
PREP. BATCH: IC1009W | IC1009W | IC1009W
CALIB. REF: A105-01 | A105-01 | A105-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.17	103	5.00	5.17	103	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: 1C1011WB 1C1011WL 1C1011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: 1C1011W 1C1011W 1C1011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	5.01	100	5.00	5.01	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10:043
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1009WB IC1009WL IC1009WC
LAB FILE ID: A105-03 A105-04 A105-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1011:34 09/03/1011:20 09/03/1011:37 DATE RECEIVED: NA
PREP. BATCH: IC1009W IC1009W IC1009W
CALIB. REF: A105-01 A105-01 A105-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.91	96	2.00	1.91	95	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1009WB IC1009WL IC1009WC
LAB FILE ID: A105-03 A105-04 A105-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1011:34 09/03/1011:20 09/03/1011:37 DATE RECEIVED: NA
PREP. BATCH: IC1009W IC1009W IC1009W
CALIB. REF: A105-01 A105-01 A105-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.03	102	2.00	2.03	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1009WB IC1009WL IC1009WC
LAB FILE ID: A105-03 A105-04 A105-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1011:04 09/03/1011:20 09/03/1011:37 DATE RECEIVED: NA
PREP. BATCH: IC1009W IC1009W IC1009W
CALIB. REF: A105-01 A105-01 A105-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.83	97	5.00	4.83	97	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKZW
LAB SAMP ID: IC1011W9 IC1011WL IC1011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: IC1011W IC1011W IC1011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.84	97	5.00	4.85	97	0	90-110	20

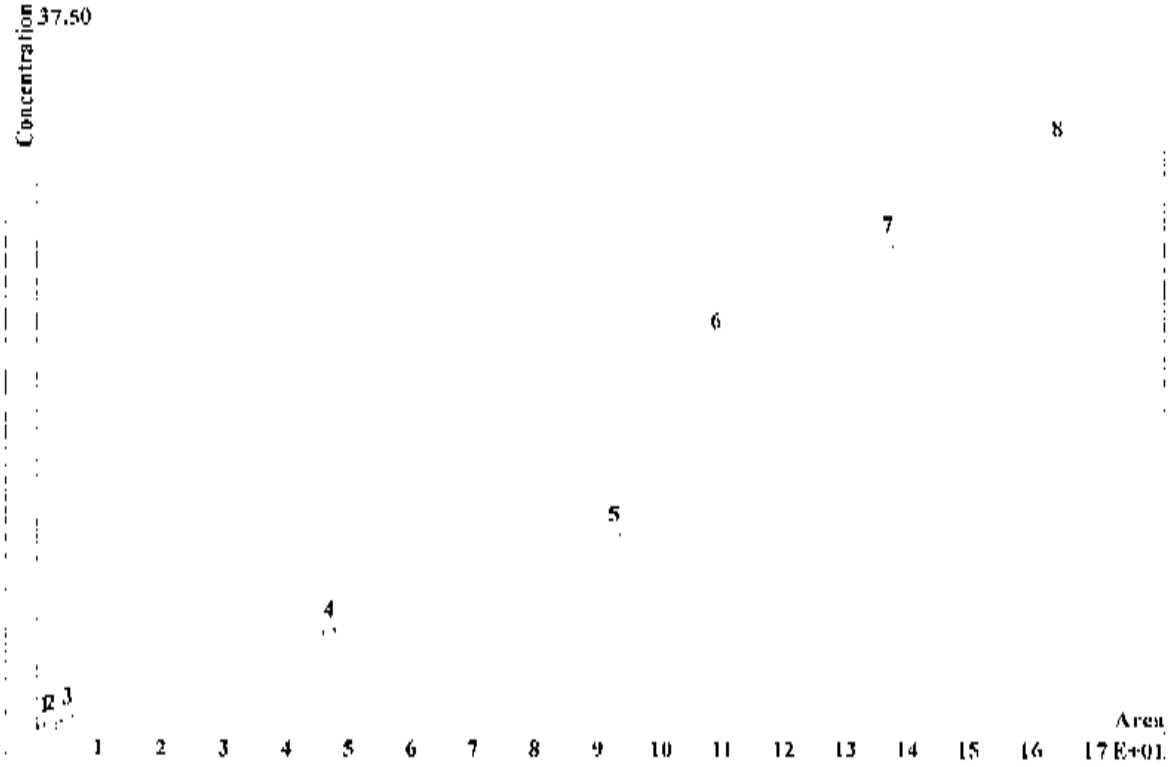
INITIAL CALIBRATION

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	sulfate	RawNetID	DF
AI01-01	IB	FCIBNPS	0	0	0	0	0	0	0	u9011506	1
AI01-02	S0	FCIBNPS	0	0	0	0	0	0	0	u9011522	1
AI01-03	S1	FCIBNPS	0.0566427	0.104476	0.0643129	0.0980786	0.0431625	0.120695	0.139318	u9011538	1
AI01-04	S2	FCIBNPS	0.163054	0.20044	0.169521	0.195039	0.142891	0.217759	0.237662	u9011554	1
AI01-05	S3	FCIBNPS	0.488577	0.489737	0.488502	0.490103	0.440234	0.488697	0.525698	u9011610	1
AI01-06	S4	FCIBNPS	5.18977	4.9792	5.1591	5.03262	5.02727	4.94658	4.93293	u9011626	1
AI01-07	S5	FCIBNPS	9.90196	10.0255	9.91856	9.98416	10.1451	10.0263	9.94209	u9011643	1
AI01-08	S6	FCIBNPS	18.29	20.0255	18.3817	11.7608	20.1535	19.9381	19.9782	u9011659	1
AI01-09	S7	FCIBNPS	22.1356	24.9825	22.2135	14.7964	25.0264	24.8267	25.0022	u9011715	1
AI01-10	S8	FCIBNPS	25.7804	29.9926	25.8397	17.768	29.8213	29.7084	30.042	u9011731	1
AI01-11	ICV	FCIBNPS	105%	96.6%	104.1%	95.7%	99.3%	97.3%	96.7%	u9011758	1
AI01-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9011815	1

CALIBRATION OF COMPONENT bromide

Method: IC100 10%.mLw
Equation: Q = 0.108366*A + 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



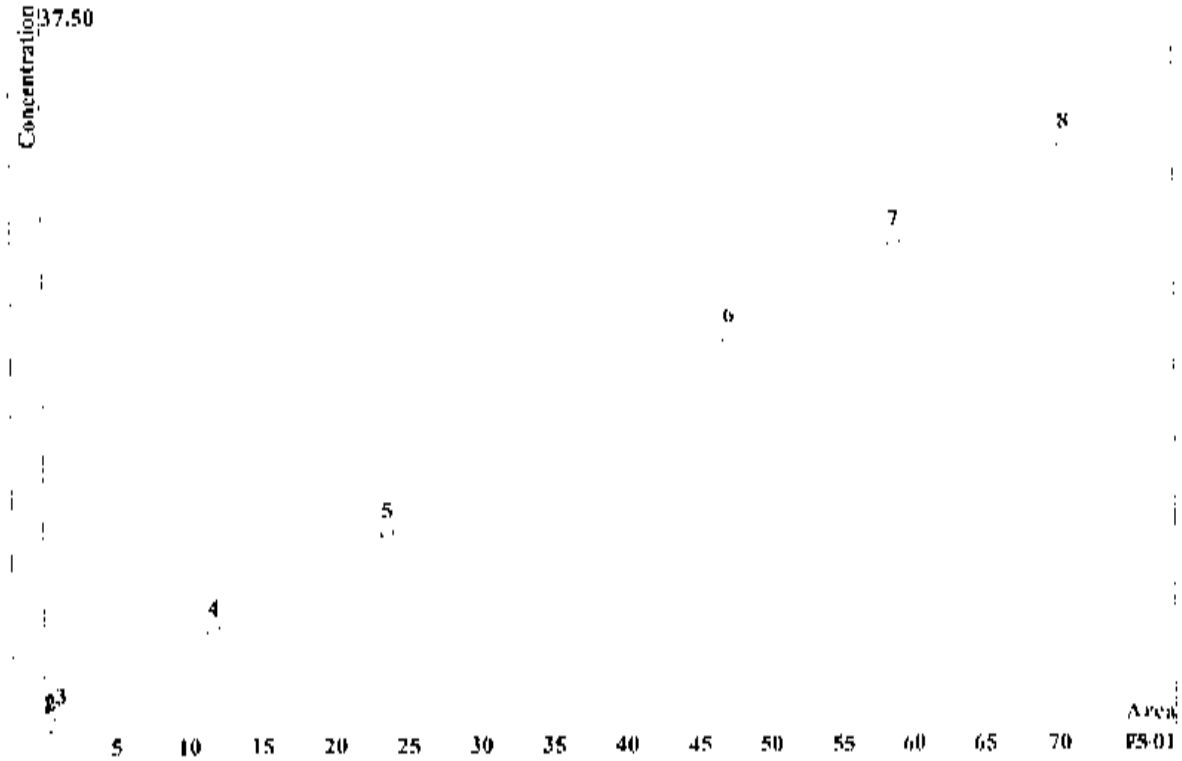
K3 = 0 K2 = 0 K1 = 0.108366 K0 = 0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/02/10

CALIBRATION OF COMPONENT chloride

Method: 1C100-101.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



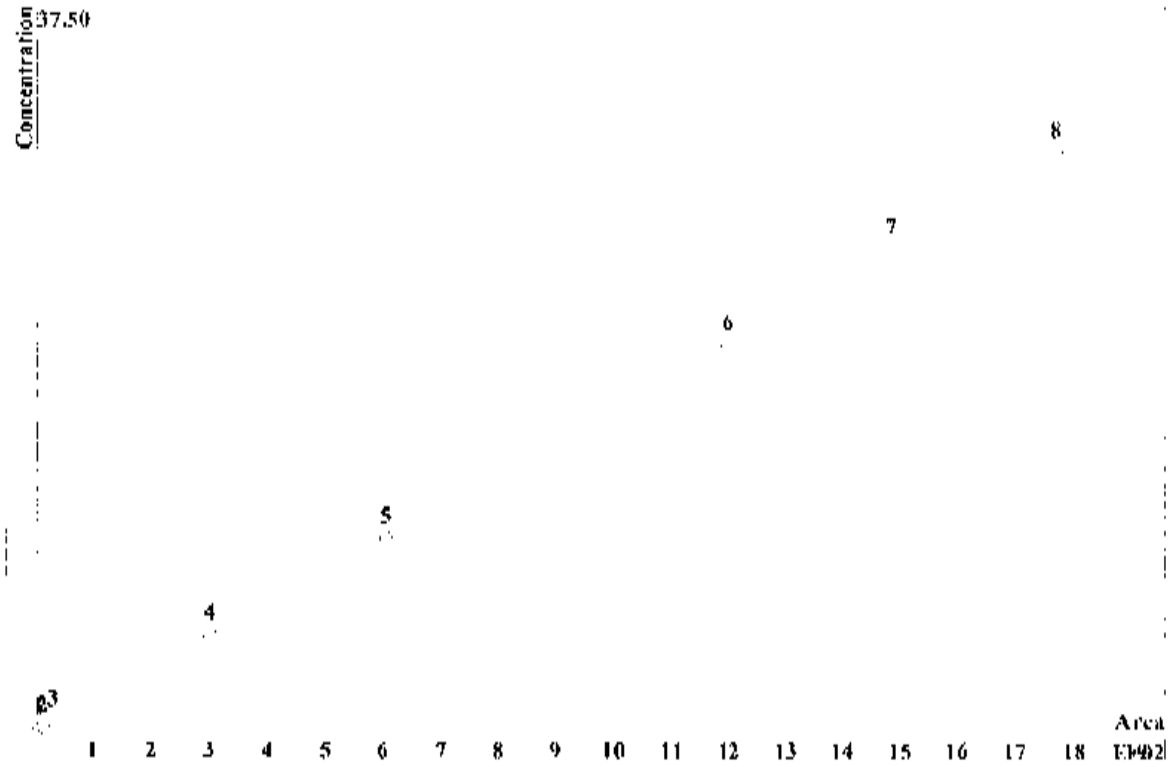
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AS
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: IC100 101.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = 0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

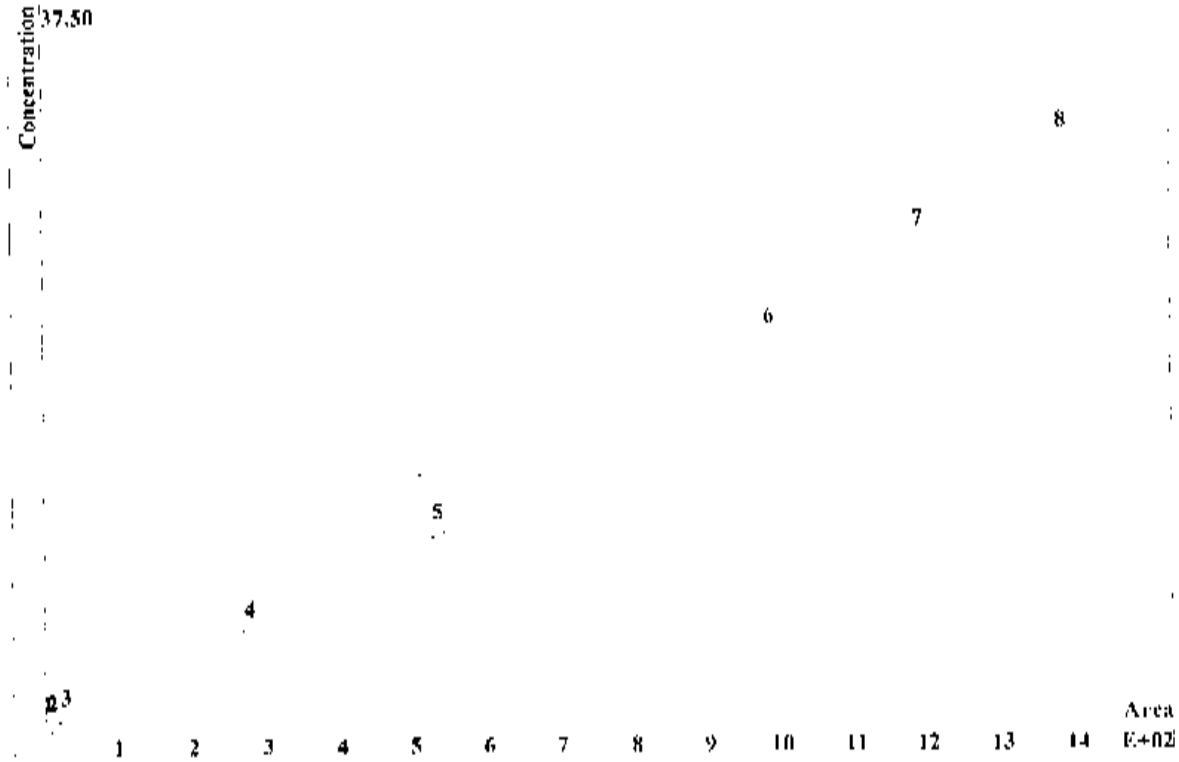
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RA
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100 101.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

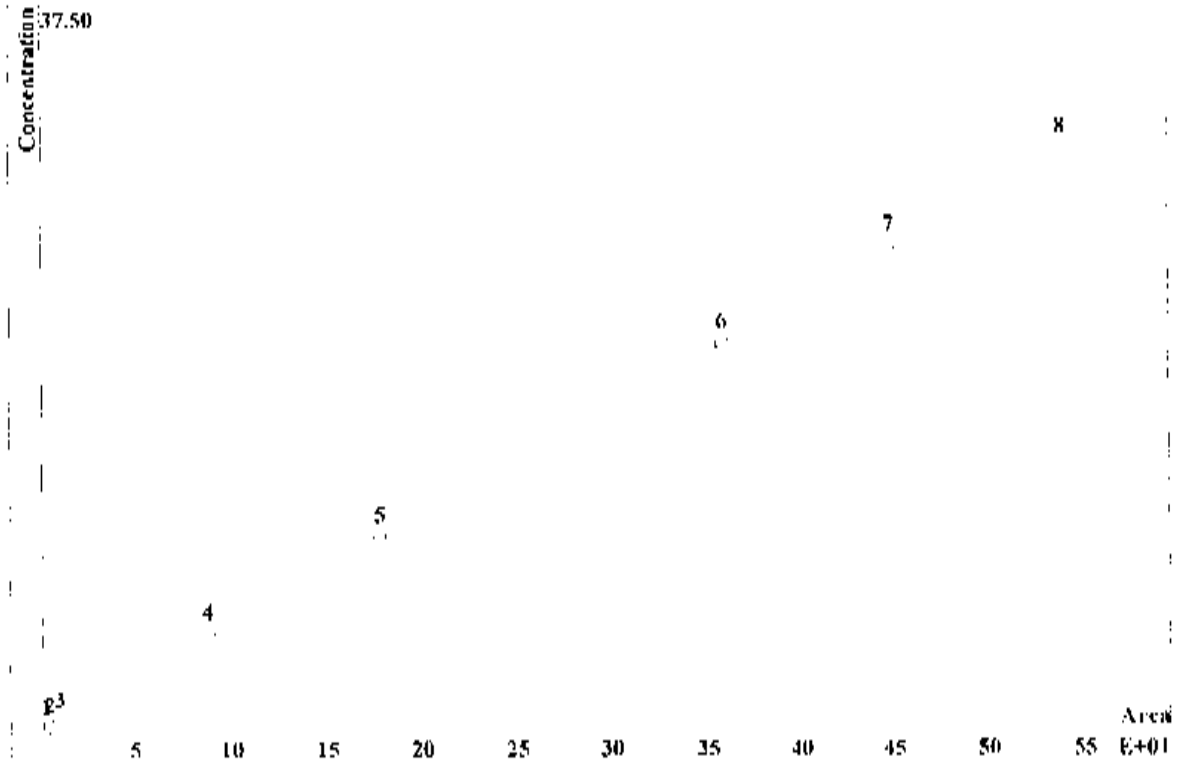
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AB
05/02/10

CALIBRATION OF COMPONENT sulfate

Method: IC100 101.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

RS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/AI01

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AI01-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
AI01-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
AI01-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : I01/AI01

LFID	ISID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI05-01	CCV29	SCPNFIB	96.6%	99.9%	101.9%	93.8%	103.8%	101.3%	105.2%	u9031032	1
AI05-02	CCB29	SCPNFIB	0	0	0	0	0	0	0	u9031048	1
AI05-13	CCV31	SCPNFIB	97.1%	100.5%	101.9%	94.5%	104.1%	101.7%	106.2%	u9031346	1
AI05-14	CCB31	SCPNFIB	0	0	0	0	0	0	0	u9031402	1
AI05-24	CCV33	SCPNFIB	97%	100.7%	103.9%	94.6%	103.9%	101.8%	106.7%	u9031644	1
AI05-25	CCB33	SCPNFIB	0	0	0	0	0	0	0	u9031700	1
AI05-36	CCV35	SCPNFIB	97%	100.6%	103.3%	94.5%	103.9%	101.9%	106.5%	u9031958	1
AI05-37	CCB35	SCPNFIB	0	0	0	0	0	0	0	u9032014	1
AI05-48	CCV37	SCPNFIB	97.1%	100.5%	101.8%	94.4%	103.4%	101.8%	106.7%	u9032312	1
AI05-49	CCB37	SCPNFIB	0	0	0	0	0	0	0	u9032328	1
AI05-60	CCV39	SCPNFIB	97.9%	100.3%	101%	94.2%	103.3%	101.7%	106.3%	u9040225	1
AI05-61	CCB39	SCPNFIB	0	0	0	0	0	0	0	u9040242	1
AI05-69	CCV41	SCPNFIB	97.5%	100.8%	101.8%	94.5%	103.9%	102.1%	106.6%	u9040451	1
AI05-70	CCB41	SCPNFIB	0	0	0	0	0	0	0	u9040507	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm

S2 — 0.2 ppm

S3 — 0.5 ppm

S4 — 5.0 ppm

S5 — 10.0 ppm

S6 — 20.0 ppm

S7 — 25.0 ppm

S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓

Cl^- — 30 ppm

NO_2N — 10 ppm ✓

Br^- — 10 ppm ✓

NO_3N — 30 ppm

PO_4P — 10 ppm ✓

SO_4^{2-} — 30 ppm

IC Eluent

Stock-01-173 (320 mM Na_2CO_3)(100 mM $NaHCO_3$) 20 mL/L

Stock-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant

Stock-01-[illegible] (100 mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100 - 101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	SI18-15-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 7/1/[illegible]

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible].chx	IC100-151.mth	4091-91 IB	1	1.0	1.0	1.0	100.0	0		
[illegible].chx	IC100-151.mth	4091-92 S2	2	1.0	1.0	1.0	100.0	0		
[illegible].chx	IC100-151.mth	4091-93 S1	3	1.0	1.0	1.0	100.0	1		
[illegible].chx	IC100-151.mth	4091-94 S2	4	1.0	1.0	1.0	100.0	2		
[illegible].chx	IC100-151.mth	4091-95 S2	5	1.0	1.0	1.0	100.0	3		
[illegible].chx	IC100-151.mth	4091-96 S4	6	1.0	1.0	1.0	100.0	4		
[illegible].chx	IC100-151.mth	4091-97 S5	7	1.0	1.0	1.0	100.0	5		
[illegible].chx	IC100-151.mth	4091-98 S6	8	1.0	1.0	1.0	100.0	6		
[illegible].chx	IC100-151.mth	4091-99 S7	9	1.0	1.0	1.0	100.0	7		
[illegible].chx	IC100-151.mth	4091-10 S8	10	1.0	1.0	1.0	100.0	8		
[illegible].chx	IC100-151.mth	4091-11 ICI	11	1.0	1.0	1.0	100.0	0		
[illegible].chx	IC100-151.mth	4091-12 ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

AS 01/08/10

EMAX LABORATORIES, INC

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A1005
Method File:	[illegible]
Analytical Batch:	[illegible]

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S218-15-6 2
ICV	↓ -3
CCV	S218-15-7-3
LCS	S218-15-5-1
MS	[illegible] Na_2HPO_4 Na_2SO_4 [illegible] Cr, B, PO_4^3, Se^{+4} (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Jc Eluent

S004-01-172 (3.4 mM Na_2CO_3 / 1.0 mM $NaHCO_3$) 20 mL

S004-01-172 (1.0 mM $NaHCO_3$) 12 mL

Jc Regenerant

S004-01-150 (100 mM H_2SO_4)

Date: 9/3/19

Analyzed By: Jc

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	5.0	1.0	100.0	0		

FINAL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible] CC129	60	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible] CC139	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	64	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	65	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	66	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	67	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	68	1.0	20.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible] CC141	69	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible] CC141	70	1.0	1.0	1.0				

[illegible]

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 300.0(M)
ORGANICS BY IC

A total of five (5) water samples were received on 09/02/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC108WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	H110003	H110031	HC108W	NA	NA
LCS1W	HC108WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	H110004	H110001	HC108W	NA	NA
LCD1W	HC108WC	19.1	1	NA	1.00	0.500	09/10/1017:10	NA	H110005	H110001	HC108W	NA	NA
1W-70-SA306-A10	1043-01	ND	1	NA	1.00	0.500	09/11/1004:54	NA	H110017	H110007	HC108W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	11.9	1	NA	1.00	0.500	09/11/1006:00	NA	H110018	H110007	HC108W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	1.00	0.500	09/11/1008:30	NA	H110021	H110019	HC108W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	1.00	0.500	09/11/1009:36	NA	H110022	H110019	HC108W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	1.00	0.500	09/11/1010:42	NA	H110023	H110019	HC108W	09/02/1013:42	09/02/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010C43

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HC1008W	NA	NA
LCS1W	HC1008WL	18.7	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HC1008W	NA	NA
LCD1W	HC1008WC	18.2	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HC1008W	NA	NA
IW-70-SAB06-A10	1043-01	ND	1	NA	1.00	0.500	09/11/1004:54	NA	HI10017	HI10007	HC1008W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	ND	1	NA	1.00	0.500	09/11/1006:00	NA	HI10018	HI10007	HC1008W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	1.00	0.500	09/11/1008:30	NA	HI10021	HI10019	HC1008W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	1.00	0.500	09/11/1009:36	NA	HI10022	HI10019	HC1008W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	1.00	0.500	09/11/1010:42	NA	HI10023	HI10019	HC1008W	09/02/1013:42	09/02/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10ID43

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HC1008W	NA	NA
LCS1W	HC1008WL	19.6	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HC1008W	NA	NA
LCD1W	HC1008WC	18.7	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HC1008W	NA	NA
IW-70-SA806-A10	1043-01	ND	1	NA	1.00	0.500	09/11/1004:54	NA	HI10017	HI10007	HC1008W	09/02/1009:35	09/02/10
MW-70-PMW03A-A10	1043-02	ND	1	NA	1.00	0.500	09/11/1006:00	NA	HI10018	HI10007	HC1008W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	1.00	0.500	09/11/1008:30	NA	HI10021	HI10019	HC1008W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	1.00	0.500	09/11/1009:36	NA	HI10022	HI10019	HC1008W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	1.00	0.500	09/11/1010:42	NA	HI10023	HI10019	HC1008W	09/02/1013:42	09/02/10

METHOD 300.0(N)
PROPIONATE

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 101043

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1008WB	ND	1	NA	1.00	0.500	09/10/1016:28	NA	HI10003	HI10001	HC1008W	NA	NA
LCS1W	HC1008WL	19.7	1	NA	1.00	0.500	09/10/1016:49	NA	HI10004	HI10001	HC1008W	NA	NA
LCD1W	HC1008WC	19.3	1	NA	1.00	0.500	09/10/1017:10	NA	HI10005	HI10001	HC1008W	NA	NA
IW-70-SA805-A10	1043-01	ND	1	NA	1.00	0.500	09/11/1004:54	NA	HI10017	HI10007	HC1008W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	ND	1	NA	1.00	0.500	09/11/1006:00	NA	HI10018	HI10007	HC1008W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	ND	1	NA	1.00	0.500	09/11/1008:30	NA	HI10021	HI10019	HC1008W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	ND	1	NA	1.00	0.500	09/11/1009:36	NA	HI10022	HI10019	HC1008W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	ND	1	NA	1.00	0.500	09/11/1010:42	NA	HI10023	HI10019	HC1008W	09/02/1013:42	09/02/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EES, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0(M)

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MB_K1W				
LAB SAMP ID:	HC1008WB	HC1008WL	HC1008WC		
LAB FILE ID:	HI10C03	HI10C04	HI10C05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	HI10001	HI10001	HI10301		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.6	98	20.0	19.1	96	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKW				
LAB SAMP ID:	HC1008WB	HC1008WC	HC1008WC		
LAB FILE ID:	HI10003	HI10004	HI10005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC1008W	HC1008W	HC1008W		
CALIB. REF:	HI10001	HI10001	HI10001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.7	94	20.0	18.2	91	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC10C8WB	HC10C8WL	HC10C8WC		
LAB FILE ID:	HI10003	HI10004	HI10005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1016:28	09/10/1016:49	09/10/1017:10	DATE RECEIVED:	NA
PREP. BATCH:	HC10C8W	HC10C8W	HC10C8W		
CALIB. REF:	HI10001	HI10001	HI10001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	18.7	94	5	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1008WB HC1008WL HC1008WC
LAB FILE ID: H110003 H110004 H110005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1016:28 09/10/1016:49 09/10/1017:10 DATE RECEIVED: NA
PREP. BATCH: HC1008W HC1008W HC1008W
CALIB. REF: H110001 H110001 H110001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	19.7	98	20.0	19.3	96	2	90-110	20

INITIAL CALIBRATION

IC SEQ FORM/HG15

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HG15001	S-0	ABLPY	OA106G15	07/15/1017:49	1
HG15002	IB	ABLPY	OA106G15	07/15/1017:28	1
HG15003	S-1	ABLPY	OA106G15	07/15/1018:31	1
HG15004	S-2	ABLPY	OA106G15	07/15/1018:52	1
HG15005	S-3	ABLPY	OA106G15	07/15/1019:13	1
HG15006	S-4	ABLPY	OA106G15	07/15/1019:34	1
HG15007	S-5	ABLPY	OA106G15	07/15/1019:55	1
HG15008	ICV	ABLPY	OA106G15	07/15/1020:16	1
HG15009	ICB	ABLPY	OA106G15	07/15/1020:37	1
HG15010	CCV2	ABLPY	OA106G15	07/15/1020:58	1
HG15011	CCB2	ABLPY	OA106G15	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	OA106G15	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	OA106G15	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	OA106G15	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	OA106G15	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	OA106G15	07/15/1023:04	1
HG15017	CCV4	ABLPY	OA106G15	07/15/1023:25	1
HG15018	CCB4	ABLPY	OA106G15	07/15/1023:46	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.27	LACTATE	0LOff	5	0.9998	-0.002845	0.2895	0.0000
2	4.52	ACETATE	0LOff	5	0.9998	0.003842	0.3156	0.0000
3	5.10	PROPIONA*	0LOff	5	0.9997	0.001196	0.1928	0.0000
4	6.14	BUTYRATE	0LOff	5	0.9998	0.001785	0.1314	0.0000
5	7.15	PYRUVATE	0LOff	5	0.9996	-0.001555	0.1842	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AS
07/16/10

SECOND SOURCE VERIFICATION

IC RESULT FORM CalVersion: 300M.G15/HG15

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HG15001	S-0	ABLPY	ND	ND	ND	ND	ND	07/15/1017:49	1
HG15002	IB	ABLPY	ND	ND	ND	ND	ND	07/15/1017:28	1
HG15003	S-1	ABLPY	.098	.089	.108	.096	.102	07/15/1018:31	1
HG15004	S-2	ABLPY	.529	.508	.501	.55	.492	07/15/1018:52	1
HG15005	S-3	ABLPY	.983	1.03	.981	.975	1.016	07/15/1019:13	1
HG15006	S-4	ABLPY	2.006	1.993	1.981	2.003	1.963	07/15/1019:34	1
HG15007	S-5	ABLPY	2.997	2.994	3.018	3.001	3.021	07/15/1019:55	1
HG15008	ICV	ABLPY	99.2%	97.1%	102%	98.5%	105%	07/15/1020:16	1
HG15009	ICB	ABLPY	ND	ND	ND	ND	ND	07/15/1020:37	1
HG15010	CCV2	ABLPY	102%	100%	108%	101%	101%	07/15/1020:58	1
HG15011	CCB2	ABLPY	ND	ND	ND	ND	ND	07/15/1021:19	1
HG15012	HCG002WB	ABLPY	ND	ND	ND	ND	ND	07/15/1021:40	1
HG15013	HCG002WL	ABLPY	2	1.91	1.98	2	2	07/15/1022:01	1
HG15014	HCG002WC	ABLPY	2	1.91	1.98	2	1.99	07/15/1022:22	1
HG15015	HCG004WL	ABLPY	2.01	1.92	1.99	2.01	2	07/15/1022:43	1
HG15016	HCG004WC	ABLPY	2.02	1.92	2	2.02	2	07/15/1023:04	1
HG15017	CCV4	ABLPY	102%	99.9%	108%	100%	99.4%	07/15/1023:25	1
HG15018	CCB4	ABLPY	ND	ND	ND	ND	ND	07/15/1023:46	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.G15/HG15 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI10001	CCV48	ABLPY	97.8%	92.7%	97.6%	97.3%	101%	09/10/1015:46	1
HI10002	CCB48	ABLPY	ND	ND	ND	ND	ND	09/10/1016:07	1
HI10003	HCI008WB	ABLPY	ND	ND	ND	ND	ND	09/10/1016:28	1
HI10004	HCI008WL	ABLPY	1.96	1.87	1.96	1.97	2.05	09/10/1016:49	1
HI10005	HCI008WC	ABLPY	1.91	1.82	1.87	1.93	1.97	09/10/1017:10	1
HI10006	H344-07	ABLPY	169	ND	ND	ND	ND	09/10/1017:42	100
HI10007	CCV50	ABLPY	97.9%	92.8%	97.7%	97.2%	101%	09/10/1019:25	1
HI10008	CCB50	ABLPY	ND	ND	ND	ND	ND	09/10/1019:46	1
HI10009	H661-08	**L*Y	144E	46.4E	ND	67.6E	1.45	09/10/1020:07	10
HI10010	H661-08	ABLPY	196	42.7	ND	68.5	ND	09/10/1021:13	100
HI10011	H661-08	ABLPY	194	41.3	ND	64.8	ND	09/10/1022:19	200
HI10012	I008-05	**L*Y	35.3E	3.3E	ND	49.9E	.127	09/10/1023:25	1
HI10013	I019-01	*BLPY	16.1E	1.18	ND	ND	ND	09/11/1000:30	1
HI10014	I019-02	ABLPY	ND	ND	ND	ND	ND	09/11/1001:36	1
HI10015	I019-03	ABLPY	ND	ND	ND	ND	ND	09/11/1002:42	1
HI10016	I019-04	ABLPY	ND	ND	ND	ND	ND	09/11/1003:48	1
HI10017	I043-01	ABLPY	ND	ND	ND	ND	ND	09/11/1004:54	1
HI10018	I043-02	ABLPY	1.19	ND	ND	ND	ND	09/11/1006:00	1
HI10019	CCV52	ABLPY	98.5%	93.4%	101%	97.5%	104%	09/11/1007:27	1
HI10020	CCB52	ABLPY	ND	ND	ND	ND	ND	09/11/1007:48	1
HI10021	I043-03	ABLPY	ND	ND	ND	ND	ND	09/11/1008:30	1
HI10022	I043-04	ABLPY	ND	ND	ND	ND	ND	09/11/1009:36	1
HI10023	I043-05	ABLPY	ND	ND	ND	ND	ND	09/11/1010:42	1
HI10024	I018-01	ABLPY	ND	ND	ND	ND	ND	09/11/1011:47	1
HI10025	CCV53	ABLPY	94.2%	90.6%	98.6%	92.6%	106%	09/11/1013:13	1
HI10026	CCB53	ABLPY	ND	ND	ND	ND	ND	09/11/1013:34	1
HI10027	I018-01M	ABLPY	.814	.815	.887	.798	.993	09/11/1013:55	1
HI10028	I018-01S	ABLPY	.829	.847	.887	.827	.996	09/11/1015:01	1
HI10029	HCI010WL	ABLPY	1.9	1.83	1.98	1.88	2.12	09/11/1016:07	1
HI10030	HCI010WC	ABLPY	1.92	1.86	2	1.9	2.13	09/11/1016:28	1
HI10031	HCI010WB	ABLPY	ND	ND	ND	ND	ND	09/11/1017:52	1
HI10032	CCV54	ABLPY	95.7%	97.6%	99.7%	95.6%	108%	09/11/1018:13	1
HI10033	CCB54	ABLPY	ND	ND	ND	ND	ND	09/11/1019:16	1
HI10034	H632-01	ABLPY	ND	ND	ND	ND	ND	09/11/1019:37	1
HI10035	H632-02	**LPY	8.47E	5.78E	ND	2.54	.114	09/11/1020:43	1
HI10036	H632-03	**L**	50.9E	46.5E	ND	32.3E	3.41E	09/11/1021:49	1
HI10037	H632-03M	**L**	50.8E	46.3E	ND	32.3E	4.26E	09/11/1022:54	1
HI10038	H632-03S	**L**	50.9E	46.4E	ND	32.3E	4.37E	09/12/1000:00	1
HI10039	H632-04	**L**	122E	62.2E	ND	46.7E	5.05E	09/12/1001:06	1
HI10040	H632-05	ABLPY	ND	ND	ND	.41	ND	09/12/1002:12	1
HI10041	H632-06	ABLPY	ND	ND	ND	ND	ND	09/12/1003:18	1
HI10042	H632-07	*BL*Y	40.6E	ND	ND	53.6E	ND	09/12/1004:24	1
HI10043	H632-08	ABLPY	ND	ND	ND	ND	ND	09/12/1005:30	1
HI10044	CCV56	ABLPY	97.2%	99.3%	101%	97%	108%	09/12/1006:57	1
HI10045	CCB56	ABLPY	ND	ND	ND	ND	ND	09/12/1007:39	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG *for* ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH: SW9A - 02 013

HCJ008W - H644, H661, J008, J019, J043 & J018

HCJ010W - H632

* Sequence run got interrupted due to no eluent. @ H10.044 (51) 0.0 ml/min
H10.046 -- H510.052-49 : Re-run all samples

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H.I10
Method File:	OA106G15.mct
Analytical Batch:	HCJ008W & HCJ010W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW 12A - 02 - 201	
ICV		240
CCV		213
LCS		214
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 09/10 - 09/11/10

Sequence HI10
Operator cmadmin

Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location Organic Acid\2010
Timebase ICS1000
#Samples 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI10		IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000
2	HI10		S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000
3	HI10		S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000
4	HI10		S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000
5	HI10		S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000
6	HI10		S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000
7	HI10		S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000
8	HI10		ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000
9	HI10		ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000
10	HI10	001	CCV48	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 3:46:14 PM	1.0000
11	HI10	002	CCB48	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 4:07:12 PM	1.0000
12	HI10	003	HCI008WB	Unknown	93	25.0	ORG	OA106G15	Finished	9/10/2010 4:28:11 PM	1.0000
13	HI10	004	HCI008WL	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 4:49:10 PM	1.0000
14	HI10	005	HCI008WC	Unknown	94	25.0	ORG	OA106G15	Finished	9/10/2010 5:10:09 PM	1.0000
15	HI10	006	H344-07	Unknown	61	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 5:42:16 PM	100.0000
16	HI10	007	CCV50	Unknown	91	25.0	ORG	OA106G15	Finished	9/10/2010 7:25:26 PM	1.0000
17	HI10	008	CCB50	Unknown	92	25.0	ORG	OA106G15	Finished	9/10/2010 7:46:25 PM	1.0000
18	HI10	009	H661-08	Unknown	62	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 8:07:24 PM	10.0000
19	HI10	010	H661-08	Unknown	63	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 9:13:17 PM	100.0000
20	HI10	011	H661-08	Unknown	64	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 10:19:17 PM	200.0000
21	HI10	012	I008-05	Unknown	1	25.0	ORG-SAMPLE	OA106G15	Finished	9/10/2010 11:25:04 PM	1.0000
22	HI10	013	I019-01	Unknown	2	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 12:30:58 AM	1.0000
23	HI10	014	I019-02	Unknown	3	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:36:51 AM	1.0000
24	HI10	015	I019-03	Unknown	4	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 2:42:45 AM	1.0000
25	HI10	016	I019-04	Unknown	5	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:48:38 AM	1.0000
26	HI10	017	I043-01	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 4:54:32 AM	1.0000
27	HI10	018	I043-02	Unknown	7	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 6:00:25 AM	1.0000

FINAL

Sequence: HI1C
Operator: cmadmin

Printed: 9/13/2010 11:14 53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created 9/10/2010 6 44:52 PM by cmadmin
Last Update: 9/13/2010 10 43:23 AM by cmadmin

No.	Sequence	Comment
1	HI10	
2	HI10	
3	HI10	
4	HI10	
5	HI10	
6	HI10	
7	HI10	
8	HI10	
9	HI10	
10	HI10	
11	HI10	
12	HI10	
13	HI10	
14	HI10	
15	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
16	HI10	
17	HI10	
18	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS2
20	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI10	
22	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI10
Operator: cmadmin
Printed: 9/13/2010 11:14:53 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 63

Created: 9/10/2010 5:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI10	019	CCV52	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 7:27:18 AM	1.0000
29	HI10	020	CCB52	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 7:48:17 AM	1.0000
30	HI10	021	I043-03	Unknown	6	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:30:14 AM	1.0000
31	HI10	022	I043-04	Unknown	9	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:36:08 AM	1.0000
32	HI10	023	I043-05	Unknown	10	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:42:01 AM	1.0000
33	HI10	024	I018-01	Unknown	11	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 11:47:55 AM	1.0000
34	HI10	025	CCV53	Unknown	91	25.0	ORG	OA106G15	Finished	9/11/2010 1:13:44 PM	1.0000
35	HI10	026	CCB53	Unknown	92	25.0	ORG	OA106G15	Finished	9/11/2010 1:34:43 PM	1.0000
36	HI10	027	I018-01M	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 1:55:41 PM	1.0000
37	HI10	028	I018-01S	Unknown	12	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 3:01:35 PM	1.0000
38	HI10	029	HCI010WL	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:07:29 PM	1.0000
39	HI10	030	HCI010WC	Unknown	95	25.0	ORG	OA106G15	Finished	9/11/2010 4:28:27 PM	1.0000
40	HI10	031	HCI010WB	Unknown	96	25.0	ORG	OA106G15	Finished	9/11/2010 5:52:22 PM	1.0000
41	HI10	032	CCV54	Unknown	97	25.0	ORG	OA106G15	Finished	9/11/2010 6:13:21 PM	1.0000
42	HI10	033	CCB54	Unknown	98	25.0	ORG	OA106G15	Finished	9/11/2010 7:16:18 PM	1.0000
43	HI10	034	H632-01	Unknown	13	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 7:37:17 PM	1.0000
44	HI10	035	H632-02	Unknown	14	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 8:43:10 PM	1.0000
45	HI10	036	H632-03	Unknown	15	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 9:49:04 PM	1.0000
46	HI10	037	H632-03M	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/11/2010 10:54:57 PM	1.0000
47	HI10	038	H632-03S	Unknown	16	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 12:00:51 AM	1.0000
48	HI10	039	H632-04	Unknown	17	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 1:06:45 AM	1.0000
49	HI10	040	H632-05	Unknown	18	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 2:12:38 AM	1.0000
50	HI10	041	H632-06	Unknown	19	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 3:18:32 AM	1.0000
51	HI10	042	H632-07	Unknown	20	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 4:24:25 AM	1.0000
52	HI10	043	H632-08	Unknown	21	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 5:30:19 AM	1.0000
53	HI10	044	CCV56	Unknown	97	25.0	ORG	OA106G15	Finished	9/12/2010 6:57:11 AM	1.0000
54	HI10	045	CCB56	Unknown	98	25.0	ORG	OA106G15	Finished	9/12/2010 7:39:09 AM	1.0000

FINAL

Sequence HI10
Operator cmadmin

Title Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 53

Created 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Comment
28	HI10	
29	HI10	
30	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
35	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
36	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI10	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI10	
39	HI10	
40	HI10	
41	HI10	
42	HI10	
43	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
44	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
45	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
46	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
47	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
48	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
49	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
50	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
51	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
52	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
53	HI10	
54	HI10	

FINAL

Sequence: HI10
Operator: cmadmin
Printed: 9/13/2010 11:51:07 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 53

Created: 9/10/2010 5:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
55	HI10	046	H632-10	Unknown	22	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 6:00:08 AM	1.0000
56	HI10	047	H632-11	Unknown	23	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 9:06:01 AM	1.0000
57	HI10	048	H632-12	Unknown	24	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 10:11:55 AM	1.0000
58	HI10	049	H632-13	Unknown	25	25.0	ORG-SAMPLE	OA106G15	Finished	9/12/2010 11:17:50 AM	1.0000
59	HI10	050	H632-14	Unknown	26	25.0	ORG-SAMPLE	OA106G15	Interrupted	9/12/2010 12:17:51 PM	1.0000
60	HI10	051	H632-15	Unknown	27	25.0	ORG-SAMPLE	OA106G15	Single		1.0000
61	HI10	052	H632-16	Unknown	28	25.0	ORG-SAMPLE	OA106G15	Single		1.0000
62	HI10	053	CCV58	Unknown	97	25.0	ORG	OA106G15	Single		1.0000
63	HI10	054	CCB58	Unknown	98	25.0	ORG	OA106G15	Single		1.0000

FINAL

Sequence: H10
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid2010
Timebase: CS1000
#Samples: 63

Created: 9/10/2010 6:44:52 PM by cmadmin
Last Update: 9/13/2010 10:43:23 AM by cmadmin

No.	Sequence	Comment
55	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
56	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
57	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
58	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
59	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
60	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
61	HI10	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
62	HI10	
63	HI10	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.O.F. Sw124.03.013

ICAL 5.0 0 ppm ICV 3.0 ppm
[illegible] ppm
[illegible] ppm
[illegible] ppm
[illegible] ppm
5.0 2.0 ppm
5.5 3.0 ppm

Analysis & LCS

Book #:	A106-007
Instrument No.:	106
Analytical Sequence:	4615
Method File:	OA106615
Analytical Batch:	HG0027W

SOP #	Rev. #
☐ EMAX 300.0	5
☑ EMAX 300.0M	0
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	3
☐ EMAX-	

STANDARDS ID	
ICAL	Sw124-02-241
ICV	Sw124-02-200
CCV	Sw124-02-147
LCS	Sw124-02-149
MS	—

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 7/15/10

Sequence HG15
Operator cmadmin

Printed 7/16/2010 9:58:56 AM

Title Temporary sequence for manual data acquisition
Datasource D39B3C91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 18

Created: 7/15/2010 4:12:03 PM by cmadmin
Last Update: 7/16/2010 9:56:52 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj Vol.	Program	Method	Status	Inj. Date/Time	Dil Factor	Comment
1	HG15	002	IB	Standard	1	25.0	ORG	OA106G15	Finished	7/15/2010 5:28:34 PM	1.0000	
2	HG15	001	S-0	Standard	2	25.0	ORG	OA106G15	Finished	7/15/2010 5:49:33 PM	1.0000	
3	HG15	003	S-1	Standard	3	25.0	ORG	OA106G15	Finished	7/15/2010 6:31:30 PM	1.0000	
4	HG15	004	S-2	Standard	4	25.0	ORG	OA106G15	Finished	7/15/2010 6:52:29 PM	1.0000	
5	HG15	005	S-3	Standard	5	25.0	ORG	OA106G15	Finished	7/15/2010 7:13:28 PM	1.0000	
6	HG15	006	S-4	Standard	6	25.0	ORG	OA106G15	Finished	7/15/2010 7:34:27 PM	1.0000	
7	HG15	007	S-5	Standard	7	25.0	ORG	OA106G15	Finished	7/15/2010 7:55:25 PM	1.0000	
8	HG15	008	ICV	Standard	8	25.0	ORG	OA106G15	Finished	7/15/2010 8:16:24 PM	1.0000	
9	HG15	009	ICB	Unknown	9	25.0	ORG	OA106G15	Finished	7/15/2010 8:37:23 PM	1.0000	
10	HG15	010	CCV2	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 8:58:22 PM	1.0000	
11	HG15	011	CCB2	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 9:19:20 PM	1.0000	
12	HG15	012	HCG002WB	Unknown	33	25.0	ORG	OA106G15	Finished	7/15/2010 9:40:19 PM	1.0000	
13	HG15	013	HCG002WL	Unknown	34	25.0	ORG	OA106G15	Finished	7/15/2010 10:01:18 PM	1.0000	
14	HG15	014	HCG002WC	Unknown	35	25.0	ORG	OA106G15	Finished	7/15/2010 10:22:16 PM	1.0000	
15	HG15	015	HCG004WL	Unknown	36	25.0	ORG	OA106G15	Finished	7/15/2010 10:43:15 PM	1.0000	
16	HG15	016	HCG004WC	Unknown	37	25.0	ORG	OA106G15	Finished	7/15/2010 11:04:14 PM	1.0000	
17	HG15	017	CCV4	Unknown	31	25.0	ORG	OA106G15	Finished	7/15/2010 11:25:13 PM	1.0000	
18	HG15	018	CCB4	Unknown	32	25.0	ORG	OA106G15	Finished	7/15/2010 11:46:11 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 2320B
TOTAL ALKALINITY

A total of five (5) water samples were received on 09/02/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ALI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, LLC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LAB ID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1008WB	ND	1	NA	5.00	1.00	09/14/1018:22	NA	10E5103003	NA	AL1008W	NA	NA
LCS1W	AL1008WL	583	1	NA	5.00	1.00	09/14/1018:33	NA	10E5103004	NA	AL1008W	NA	NA
LCD1W	AL1008WC	580	1	NA	5.00	1.00	09/14/1018:45	NA	10E5103005	NA	AL1008W	NA	NA
IW-70-SA906-A10	1043-01	906	1	NA	5.00	1.00	09/14/1018:58	NA	10E5103006	NA	AL1008W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	753	1	NA	5.00	1.00	09/14/1019:08	NA	10E5103007	NA	AL1008W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	212	1	NA	5.00	1.00	09/14/1019:17	NA	10E5103008	NA	AL1008W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	205	1	NA	5.00	1.00	09/14/1019:24	NA	10E5103009	NA	AL1008W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	221	1	NA	5.00	1.00	09/14/1019:32	NA	10E5103010	NA	AL1008W	09/02/1013:42	09/02/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 1310C43
METHOD: METHOD 2320B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	AL1008WB	AL1008WL	AL1008WC		
LAB FILE ID:	10E5103003	10E5103004	10E5103005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1018:22	09/14/1018:33	09/14/1018:45	DATE RECEIVED:	NA
PREP. BATCH:	AL1008W	AL1008W	AL1008W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	583	101	576	583	101	0	80-120	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method 2320B used for SDG: 10I043, 10I075, 10I807, 10I148, 10I812, 10I091

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I03

Analytical Sequence: ALI008, ALI009, ALI010

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
LCS	SWI-01-258	576
MS/MSD	NA	NA
ICV	NA	NA
0.02N HCL	SWRI-01-254	0.02

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-263
pH 10	SWI-01-251
pH Check	SWI-01-262

Analyzed By: RC

Date: 9/14/10

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH6	10E5I03	09/14/2010	6:10 PM	7.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I03	09/14/2010	6:16 PM	6.66	.00	.05	.07	.00	1.27	1.27	.00	.00	
3	ALI008WB	10E5I03	09/14/2010	6:22 PM	5.38	.00	.03	.05	.00	.10	.10	.00	.00	
4	ALI008WL	10E5I03	09/14/2010	6:33 PM	8.95	8.37	14.57	-1.00	334.77	582.70	.00	495.86	86.85	
5	ALI008WC	10E5I03	09/14/2010	6:45 PM	8.97	8.44	14.51	-1.00	337.75	580.35	.00	485.21	95.14	
6	I043-01	10E5I03	09/14/2010	6:58 PM	6.75	.00	22.65	-1.00	.00	906.07	906.07	.00	.00	
7	I043-02	10E5I03	09/14/2010	7:06 PM	6.79	.00	18.82	-1.00	.00	752.67	752.67	.00	.00	
8	I043-03	10E5I03	09/14/2010	7:17 PM	7.73	.00	5.29	-1.00	.00	211.71	211.71	.00	.00	
9	I043-04	10E5I03	09/14/2010	7:24 PM	7.85	.00	5.13	-1.00	.00	205.23	205.29	.00	.00	
10	I043-05	10E5I03	09/14/2010	7:32 PM	7.85	.00	5.52	-1.00	.00	220.65	220.65	.00	.00	
11	I050-02	10E5I03	09/14/2010	7:41 PM	8.17	.00	10.67	-1.00	.00	426.65	426.65	.00	.00	
12	I050-04	10E5I03	09/14/2010	7:50 PM	6.66	.50	9.63	-1.00	20.18	365.34	344.96	40.36	.00	
13	I062-01	10E5I03	09/14/2010	7:56 PM	6.65	.00	3.05	-1.00	.00	121.80	121.80	.00	.00	
14	I062-02	10E5I03	09/14/2010	8:02 PM	6.65	.00	1.68	-1.00	.00	67.40	67.40	.00	.00	
15	I075-01	10E5I03	09/14/2010	8:11 PM	7.78	.00	10.55	-1.00	.00	422.04	422.04	.00	.00	
16	I075-02	10E5I03	09/14/2010	8:20 PM	7.67	.00	4.33	-1.00	.00	173.20	173.20	.00	.00	
17	I075-02D	10E5I03	09/14/2010	8:27 PM	7.68	.00	4.32	-1.00	.00	172.85	172.85	.00	.00	
18	I807-01	10E5I03	09/14/2010	8:34 PM	7.79	.00	4.60	-1.00	.00	183.96	183.96	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I607-02	10E5I03	09/14/2010	8:42 PM	7.60	.00	4.60	-1.00	.00	183.90	183.90	.00	.00	
20	I607-03	10E5I03	09/14/2010	8:49 PM	7.90	.00	4.56	-1.00	.00	183.34	183.34	.00	.00	
21	I146-01	10E5I03	09/14/2010	8:57 PM	7.23	.00	5.61	-1.00	.00	224.29	224.29	.00	.00	
22	I146-02	10E5I03	09/14/2010	9:05 PM	7.59	.00	5.49	-1.00	.00	219.57	219.57	.00	.00	
23	I146-03	10E5I03	09/14/2010	9:12 PM	7.67	.00	5.13	-1.00	.00	205.11	205.11	.00	.00	
24	I146-04	10E5I03	09/14/2010	9:19 PM	7.63	.00	5.18	-1.00	.00	207.32	207.32	.00	.00	
25	RINSE	10E5I03	09/14/2010	9:25 PM	6.47	.00	.05	.13	.00	-.11	-.11	.00	.00	
26	ALI009WB	10E5I03	09/14/2010	9:31 PM	5.76	.00	.05	.11	.00	-.30	-.30	.00	.00	
27	ALI009WL	10E5I03	09/14/2010	9:42 PM	9.16	10.20	14.34	-1.00	407.66	573.73	.00	331.64	241.68	
28	ALI009WC	10E5I03	09/14/2010	9:52 PM	9.14	10.11	14.35	-1.00	404.23	574.00	.00	339.55	234.45	
29	I116-01	10E5I03	09/14/2010	10:00 PM	6.55	.00	2.59	-1.00	.00	103.76	103.76	.00	.00	
30	I116-02	10E5I03	09/14/2010	10:08 PM	7.68	.00	7.48	-1.00	.00	299.20	299.20	.00	.00	
31	I116-03	10E5I03	09/14/2010	10:15 PM	7.69	.00	7.65	-1.00	.00	306.09	306.09	.00	.00	
32	I116-04	10E5I03	09/14/2010	10:27 PM	7.53	.00	16.92	-1.00	.00	676.79	676.79	.00	.00	
33	I116-05	10E5I03	09/14/2010	10:34 PM	7.90	.00	5.16	-1.00	.00	206.57	206.57	.00	.00	
34	I116-06	10E5I03	09/14/2010	10:42 PM	7.96	.00	8.76	-1.00	.00	350.34	350.34	.00	.00	
35	I116-07	10E5I03	09/14/2010	10:55 PM	8.39	.23	21.12	-1.00	9.08	844.96	826.79	18.17	.00	
36	I116-08	10E5I03	09/14/2010	11:02 PM	7.11	.00	4.07	-1.00	.00	162.97	162.97	.00	.00	
37	I116-09	10E5I03	09/14/2010	11:10 PM	7.20	.00	4.07	-1.00	.00	162.89	162.89	.00	.00	
38	I117-02	10E5I03	09/14/2010	11:17 PM	7.84	.00	3.67	-1.00	.00	154.83	154.83	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I117-03	10E5I03	09/14/2010	11:24 PM	7.26	.00	7.15	-1.00	.00	285.81	285.81	.00	.00	
40	I117-04	10E5I03	09/14/2010	11:36 PM	7.85	.00	17.21	-1.00	.00	688.29	688.29	.00	.00	
41	I117-05	10E5I03	09/14/2010	11:46 PM	7.85	.00	17.23	-1.00	.00	689.03	689.03	.00	.00	
42	I117-06	10E5I03	09/14/2010	11:56 PM	8.08	.00	9.37	-1.00	.00	374.69	374.69	.00	.00	
43	I117-07	10E5I03	09/15/2010	12:03 AM	7.66	.00	1.92	-1.00	.00	76.63	76.63	.00	.00	
44	I117-08	10E5I03	09/15/2010	12:09 AM	7.02	.00	3.69	-1.00	.00	147.77	147.77	.00	.00	
45	I117-09	10E5I03	09/15/2010	12:21 AM	8.11	.00	16.68	-1.00	.00	667.28	667.28	.00	.00	
46	I117-10	10E5I03	09/15/2010	12:29 AM	8.11	.00	7.88	-1.00	.00	315.36	315.36	.00	.00	
47	I117-11	10E5I03	09/15/2010	12:39 AM	7.54	.00	10.84	-1.00	.00	433.72	433.72	.00	.00	
48	I117-12	10E5I03	09/15/2010	12:49 AM	7.48	.00	14.46	-1.00	.00	578.57	578.57	.00	.00	
49	I117-12D	10E5I03	09/15/2010	12:59 AM	7.48	.00	14.52	-1.00	.00	580.72	580.72	.00	.00	
50	RINSE	10E5I03	09/15/2010	1:06 AM	6.31	.00	.05	.12	.00	.22	.22	.00	.00	
51	ALI010WB	10E5I03	09/15/2010	1:12 AM	5.75	.00	.05	.10	.00	.03	.03	.00	.00	
52	ALI010WL	10E5I03	09/15/2010	1:21 AM	9.14	10.14	14.43	-1.00	405.77	577.20	.00	342.85	234.34	
53	ALI010WC	10E5I03	09/15/2010	1:32 AM	9.13	10.05	14.39	-1.00	402.04	575.50	.00	346.91	228.59	
54	I096-02	10E5I03	09/15/2010	1:40 AM	9.08	1.21	9.76	-1.00	48.24	391.29	294.61	96.49	.00	
55	I096-03	10E5I03	09/15/2010	1:51 AM	6.17	.00	13.12	-1.00	.00	524.66	524.66	.00	.00	
56	I096-04	10E5I03	09/15/2010	2:00 AM	6.20	.00	11.82	-1.00	.00	472.73	472.73	.00	.00	
57	I096-05	10E5I03	09/15/2010	2:11 AM	6.20	.00	11.79	-1.00	.00	471.65	471.65	.00	.00	
58	I134-02	10E5I03	09/15/2010	2:20 AM	8.01	.00	12.19	-1.00	.00	487.56	487.56	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I134-03	10E5I03	09/15/2010	2:30 AM	8.00	.00	12.24	-1.00	.00	489.70	489.70	.00	.00	
60	I134-04	10E5I03	09/15/2010	2:39 AM	8.13	.00	11.39	-1.00	.00	455.72	455.72	.00	.00	
61	I134-05	10E5I03	09/15/2010	2:49 AM	8.10	.00	11.18	-1.00	.00	447.14	447.14	.00	.00	
62	I134-06	10E5I03	09/15/2010	2:58 AM	8.41	.16	10.13	-1.00	6.28	405.05	392.49	12.56	.00	
63	I134-07	10E5I03	09/15/2010	3:08 AM	8.03	.00	11.58	-1.00	.00	463.12	463.12	.00	.00	
64	I134-08	10E5I03	09/15/2010	3:17 AM	8.07	.00	11.56	-1.00	.00	462.39	462.39	.00	.00	
65	I812-01	10E5I03	09/15/2010	3:24 AM	7.94	.00	4.60	-1.00	.00	184.19	184.19	.00	.00	
66	I812-02	10E5I03	09/15/2010	3:32 AM	8.11	.00	4.59	-1.00	.00	183.40	183.40	.00	.00	
67	I812-03	10E5I03	09/15/2010	3:41 AM	8.02	.00	4.63	-1.00	.00	185.03	185.03	.00	.00	
68	I091-01	10E5I03	09/15/2010	3:49 AM	7.79	.00	10.13	-1.00	.00	405.29	405.29	.00	.00	
69	I091-02	10E5I03	09/15/2010	4:00 AM	7.77	.00	15.44	-1.00	.00	617.63	617.63	.00	.00	
70	I091-02D	10E5I03	09/15/2010	4:10 AM	7.76	.00	15.49	-1.00	.00	619.54	619.54	.00	.00	
71	I091-03	10E5I03	09/15/2010	4:21 AM	7.05	.00	17.48	-1.00	.00	699.15	699.15	.00	.00	
72	I091-04	10E5I03	09/15/2010	4:37 AM	7.35	.00	33.20	-1.00	.00	1,327.87	1,327.87	.00	.00	
73	RINSE	10E5I03	09/15/2010	4:43 AM	6.21	.00	.06	.12	.00	.17	.17	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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PC-Titrate For Windows

Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI008WB	6	.00	25.00
5	PH-ALK	ALI008WL	7	.00	25.00
6	PH-ALK	ALI008WC	8	.00	25.00
7	PH-ALK	I043-01	9	.00	25.00
8	PH-ALK	I043-02	10	.00	25.00
9	PH-ALK	I043-03	11	.00	25.00
10	PH-ALK	I043-04	12	.00	25.00
11	PH-ALK	I043-05	13	.00	25.00
12	PH-ALK	I050-02	14	.00	25.00
13	PH-ALK	I050-04	15	.00	25.00
14	PH-ALK	I062-01	16	.00	25.00
15	PH-ALK	I062-02	17	.00	25.00
16	PH-ALK	I075-01	18	.00	25.00
17	PH-ALK	I075-02	19	.00	25.00
18	PH-ALK	I075-02D	20	.00	25.00
19	PH-ALK	I807-01	21	.00	25.00
20	PH-ALK	I807-02	22	.00	25.00
21	PH-ALK	I807-03	23	.00	25.00
22	PH-ALK	I148-01	24	.00	25.00
23	PH-ALK	I148-02	25	.00	25.00
24	PH-ALK	I148-03	26	.00	25.00
25	PH-ALK	I148-04	27	.00	25.00
26	PH-ALK	RINSE	28	.00	25.00
27	PH-ALK	ALI009WB	29	.00	25.00
28	PH-ALK	ALI009WL	30	.00	25.00
29	PH-ALK	ALI009WC	31	.00	25.00
30	PH-ALK	I116-01	32	.00	25.00
31	PH-ALK	I116-02	33	.00	25.00
32	PH-ALK	I116-03	34	.00	25.00
33	PH-ALK	I116-04	35	.00	25.00
34	PH-ALK	I116-05	36	.00	25.00
35	PH-ALK	I116-06	37	.00	25.00
36	PH-ALK	I116-07	38	.00	25.00
37	PH-ALK	I116-08	39	.00	25.00
38	PH-ALK	I116-09	40	.00	25.00
39	PH-ALK	I117 02	41	.00	25.00
40	PH-ALK	I117-03	42	.00	25.00

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Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I117-04	43	.00	25.00
42	PH-ALK	I117-05	44	.00	25.00
43	PH-ALK	I117-06	45	.00	25.00
44	PH-ALK	I117-07	46	.00	25.00
45	PH-ALK	I117-08	47	.00	25.00
46	PH-ALK	I117-09	48	.00	25.00
47	PH-ALK	I117-10	49	.00	25.00
48	PH-ALK	I117-11	50	.00	25.00
49	PH-ALK	I117-12	51	.00	25.00
50	PH-ALK	I117-12D	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00
52	PH-ALK	ALI010WB	54	.00	25.00
53	PH-ALK	ALI010WL	55	.00	25.00
54	PH-ALK	ALI010WC	56	.00	25.00
55	PH-ALK	I096-02	57	.00	25.00
56	PH-ALK	I096-03	58	.00	25.00
57	PH-ALK	I096-04	59	.00	25.00
58	PH-ALK	I096-05	60	.00	25.00
59	PH-ALK	I134-02	61	.00	25.00
60	PH-ALK	I134-03	62	.00	25.00
61	PH-ALK	I134-04	63	.00	25.00
62	PH-ALK	I134-05	64	.00	25.00
63	PH-ALK	I134-06	65	.00	25.00
64	PH-ALK	I134-07	66	.00	25.00
65	PH-ALK	I134-08	67	.00	25.00
66	PH-ALK	I812-01	68	.00	25.00
67	PH-ALK	I812-02	69	.00	25.00
68	PH-ALK	I812-03	70	.00	25.00
69	PH-ALK	I091-01	71	.00	25.00
70	PH-ALK	I091-02	72	.00	25.00
71	PH-ALK	I091-02D	73	.00	25.00
72	PH-ALK	I091-03	74	.00	25.00
73	PH-ALK	I091-04	75	.00	25.00
74	PH-ALK	RINSE	76	.00	25.00

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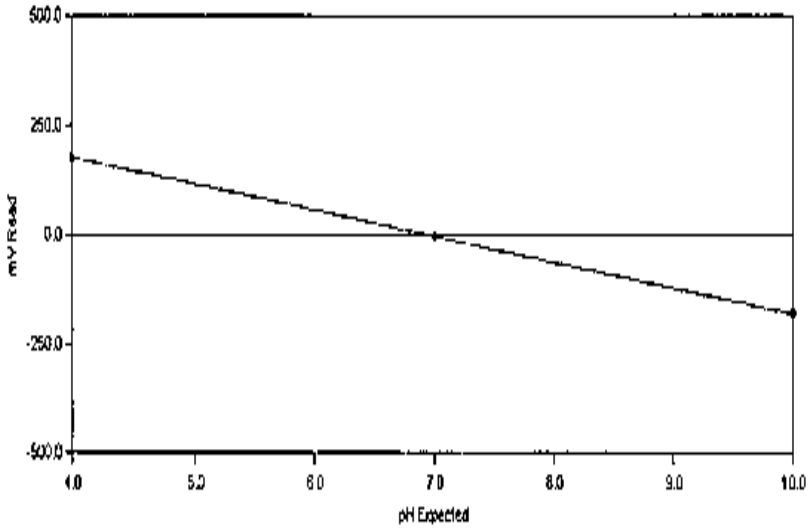
PC-TitratION PLUS
Calibration Report

Calibration Record # 211



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/14/2010	
Channel	1	Time	6:07 PM	
Probe Type	pH	Temperature	296.82 K	23.67 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.630	CorrCoeff	1.0000
Intercept	-3.497	Equation: Y = (-59.630) X + (-3.497)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.630	-65.00	-53.00
Intercept	-3.497	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	176.39
	7.00	-5.49
	10.00	-181.39

CALRPRT.SRW
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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of five (5) water samples were received on 09/02/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI003WL/C were all within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TD1003WB	ND	1	NA	20.0	5.00	09/07/1016:50	NA	TD100301	NA	TD1003W	NA	NA
LCS1W	TD1003WL	980	1	NA	20.0	5.00	09/07/1016:50	NA	TD100302	NA	TD1003W	NA	NA
LCD1W	TD1003WC	995	1	NA	20.0	5.00	09/07/1016:50	NA	TD100303	NA	TD1003W	NA	NA
IW-70-SAB06-A10	I043-01	1280	1	NA	20.0	5.00	09/07/1016:50	NA	TD100317	NA	TD1003W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	I043-02	1140	1	NA	20.0	5.00	09/07/1016:50	NA	TD100318	NA	TD1003W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	I043-03	1110	1	NA	20.0	5.00	09/07/1016:50	NA	TD100319	NA	TD1003W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	I043-04	1050	1	NA	20.0	5.00	09/07/1016:50	NA	TD100320	NA	TD1003W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	I043-05	1150	1	NA	20.0	5.00	09/07/1016:50	NA	TD100321	NA	TD1003W	09/02/1013:42	09/02/10
MW-70-PMW02B-A10DUP	I043-05D	1160	1	NA	20.0	5.00	09/07/1016:50	NA	TD100322	NA	TD1003W	09/02/1013:42	09/02/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: T01003WB T01003WL T01003WC
LAB FILE ID: T0100301 T0100302 T0100303
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/07/1016:50 09/07/1016:50 09/07/1016:50 DATE RECEIVED: NA
PREP. BATCH: T01003W T01003W T01003W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	980	98	1000	995	100	2	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW028-A10
EMAX SAMP ID: 1043-05 1043-05D
LAB FILE ID: TD100321 TD100322
DATE EXTRACTED: NA NA DATE COLLECTED: 09/02/10 13:42
DATE ANALYZED: 09/07/1016:50 09/07/1016:50 DATE RECEIVED: 09/02/10
PREP. BATCH: TD1003W TD1003W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	1150	1160	1	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDI009

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-266	1000

Analyzed By: MMV

Date: 9/8/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES INC.

Instrument ID: 40706360 | Oven Temp IN (°C): 160 | Oven Temp OUT (°C): 180 | SOP: EMAX-2540C Rev. 1

DATA FILE ID	Sample ID	Sample Amount (mg)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg. (<0.5 mg)	Difference 2nd & 3rd Dry Wt. Rdg. (<0.5 mg)
TD003-01	TD003-01B	100	8	20.6424	09-07-10	16:50	20.6429	09-08-10	14:32	20.6428	09-08-10	16:10	20.6428	09-08-10	16:15	[illegible]	0.0
TD003-02	TD003-02L	20	L	13.2281	09-07-10	16:53	13.2395	09-08-10	14:34	13.2396	09-08-10	16:11	13.2397	09-08-10	16:14	[illegible]	0.1
TD003-03	TD003-03C	20	C	13.2652	09-07-10	16:53	13.2827	09-08-10	14:34	13.2828	09-08-10	16:11	13.2829	09-08-10	16:13	[illegible]	0.1
TD003-04	1060-02	20	1	69.7248	09-07-10	16:54	69.7365	09-08-10	14:35	69.7369	09-08-10	16:11	69.7369	09-08-10	16:12	[illegible]	0.0
TD003-05	1060-04	20	2	13.1996	09-07-10	16:54	13.2105	09-08-10	14:35	13.2107	09-08-10	16:12	13.2107	09-08-10	16:12	[illegible]	0.0
TD003-06	1018-02	20	3	13.1848	09-07-10	16:55	13.1828	09-08-10	14:35	13.1828	09-08-10	16:13	13.1828	09-08-10	16:13	[illegible]	0.0
TD003-07	1018-04	20	4	73.7355	09-07-10	16:55	73.7335	09-08-10	14:36	73.7338	09-08-10	16:13	73.7338	09-08-10	16:13	[illegible]	0.0
TD003-08	1032-01	100	5	71.2300	09-07-10	16:55	71.2713	09-08-10	14:36	71.2716	09-08-10	16:13	71.2716	09-08-10	16:13	[illegible]	0.0
TD003-09	1019-01	5	6	13.2357	09-07-10	16:56	13.257	09-08-10	14:36	13.2363	09-08-10	16:14	13.2363	09-08-10	16:14	[illegible]	0.0
TD003-10	1019-02	5	7	13.2776	09-07-10	16:56	13.2555	09-08-10	14:37	13.2557	09-08-10	16:14	13.2557	09-08-10	16:15	[illegible]	0.0
TD003-11	1019-03	20	8	13.2457	09-07-10	16:56	13.2402	09-08-10	14:37	13.2399	09-08-10	16:15	13.2399	09-08-10	16:15	[illegible]	0.0
TD003-12	1019-04	20	9	13.2216	09-07-10	16:57	13.2235	09-08-10	14:37	13.2237	09-08-10	16:15	13.2237	09-08-10	16:15	[illegible]	0.0
TD003-13	1019-04D	20	10	13.2429	09-07-10	16:57	13.2395	09-08-10	14:38	13.2352	09-08-10	16:16	13.2352	09-08-10	16:16	[illegible]	0.0
TD003-14	1015-01	20	11	13.0416	09-07-10	16:58	13.1215	09-08-10	14:38	13.1215	09-08-10	16:16	13.1215	09-08-10	16:16	[illegible]	0.0
TD003-15	1015-02	20	12	13.2054	09-07-10	16:59	13.2877	09-08-10	14:38	13.2874	09-08-10	16:17	13.2874	09-08-10	16:17	[illegible]	0.0
TD003-16	1015-04	20	13	13.1873	09-07-10	16:59	13.2581	09-08-10	14:39	13.2583	09-08-10	16:17	13.2583	09-08-10	16:17	[illegible]	0.0
TD003-17	1043-01	20	14	13.1837	09-07-10	16:59	13.2143	09-08-10	14:39	13.2143	09-08-10	16:17	13.2143	09-08-10	16:17	[illegible]	0.0
TD003-18	1043-02	20	15	13.1978	09-07-10	17:00	13.2002	09-08-10	14:39	13.2006	09-08-10	16:18	13.2006	09-08-10	16:18	[illegible]	0.0
TD003-19	1043-03	20	16	13.2012	09-07-10	17:00	13.2231	09-08-10	14:40	13.2231	09-08-10	16:18	13.2231	09-08-10	16:18	[illegible]	0.0
TD003-20	1043-04	20	17	13.1934	09-07-10	17:02	13.2134	09-08-10	14:40	13.2135	09-08-10	16:19	13.2135	09-08-10	16:19	[illegible]	0.0
TD003-21	1043-05	20	18	13.2474	09-07-10	17:02	13.2664	09-08-10	14:41	13.2663	09-08-10	16:19	13.2663	09-08-10	16:19	[illegible]	0.0
TD003-22	1043-05D	20	19	13.1895	09-07-10	17:03	13.1813	09-08-10	14:41	13.1812	09-08-10	16:19	13.1812	09-08-10	16:19	[illegible]	0.0

Beginning Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9999	[illegible]	[illegible]	PASSED
100	99.9941	[illegible]	[illegible]	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9998	[illegible]	[illegible]	PASSED
100	99.9943	[illegible]	[illegible]	PASSED

Beginning Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9998	[illegible]	[illegible]	PASSED
100	99.9943	[illegible]	[illegible]	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg. (g)	Date	Time	Comments
1	0.9999	[illegible]	[illegible]	PASSED
100	99.9953	[illegible]	[illegible]	PASSED

LCS Conc. 100 mg/L | MDL 5 mg/L | RL [illegible] mg/L

COMMENTS

Initial Reading by: MDM

First Reading by: MDM

Reviewed by: [illegible]

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI003 | Start Date/Time: 09/07/10 16:50 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/08/10 16:19 | Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI003 01	TDI003WB	100	70.6474	70.6478	0.4000	ND	
TDI003 02	TDI003WL	20	13.2201	13.2397	19.6000	980	98
TDI003 03	TDI003WC	20	13.263	13.2829	19.9000	995	100
TDI003 04	I050-02	50	69.7249	69.7569	32.0000	640	
TDI003 05	I050-04	20	13.1956	13.2107	15.1000	755	
TDI003 06	I038-02	20	13.1648	13.1828	18.0000	900	
TDI003 07	I038-04	50	73.7055	73.738	32.5000	650	
TDI003 08	I032-01	100	71.23	71.2716	41.6000	416	
TDI003 09	I019-01	5	13.1377	13.2367	99.0000	19800	
TDI003 10	I019-02	5	13.2776	13.3557	78.1000	15600	
TDI003 11	I019-03	20	13.1457	13.2399	94.2000	4710	
TDI003 12	I019-04	20	13.1316	13.2237	92.1000	4600	
TDI003 13	I019-04D	20	13.2429	13.3393	96.4000	4820	
TDI003 14	I015-01	20	13.0416	13.1235	81.9000	4090	
TDI003 15	I015-02	20	13.2054	13.2874	82.0000	4100	
TDI003 16	I015-04	20	13.1878	13.2583	70.5000	3530	
TDI003 17	I043-01	20	13.1887	13.2143	25.6000	1280	
TDI003 18	I043-02	20	13.1778	13.2006	22.8000	1140	
TDI003 19	I043-03	20	13.201	13.2231	22.1000	1110	
TDI003 20	I043-04	20	13.1924	13.2134	21.0000	1050	
TDI003 21	I043-05	20	13.2434	13.2663	22.9000	1150	
TDI003 22	I043-05D	20	13.158	13.1812	23.2000	1160	

LCS Concentration: 1000 mg/L | MDL (mg/L): 5 | Initial Reading by: MJM

SOP: EMAX-2540C Rev.1 | RL (mg/L): 10 | Final Reading by: MJM

COMMENTS:

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.07	9/7/10 9:02	200.04	9/7/10 9:03	200.07	9/7/10 9:03	199.8	200.2	200g Check Passed
10203192	31116	100	100.05	9/7/10 9:02	99.99	9/7/10 9:03	100.02	9/7/10 9:03	99.9	100.1	100g Check Passed
10203192	31116	50	50	9/7/10 9:02	50	9/7/10 9:03	50	9/7/10 9:04	49.95	50.05	50g Check Passed
10203192	31116	30	30.02	9/7/10 9:02	29.98	9/7/10 9:03	29.99	9/7/10 9:04	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/7/10 9:03	1	9/7/10 9:03	1	9/7/10 9:04	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/7/10 9:06	200	9/7/10 9:07	200.01	9/7/10 9:07	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/7/10 9:06	100	9/7/10 9:07	100.01	9/7/10 9:07	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/7/10 9:06	50	9/7/10 9:07	50	9/7/10 9:07	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/7/10 9:06	29.99	9/7/10 9:07	30	9/7/10 9:07	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/7/10 9:06	1	9/7/10 9:07	1	9/7/10 9:08	0.999	1.001	1g Check Passed
40706360	31116	150	149.993	9/7/10 9:10	149.9931	9/7/10 9:11	149.9929	9/7/10 9:12	149.85	150.15	150g Check Passed
40706360	31116	100	99.9951	9/7/10 9:10	99.995	9/7/10 9:11	99.995	9/7/10 9:12	99.9	100.1	100g Check Passed
40706360	31116	50	49.9976	9/7/10 9:10	49.9976	9/7/10 9:11	49.9976	9/7/10 9:12	49.95	50.05	50g Check Passed
40706360	31116	30	29.9986	9/7/10 9:10	29.9984	9/7/10 9:11	29.9985	9/7/10 9:12	29.97	30.03	30g Check Passed
40706360	31116	1	0.9999	9/7/10 9:10	0.9998	9/7/10 9:12	0.9998	9/7/10 9:13	0.999	1.001	1g Check Passed
10601202	31116	200	200	9/7/10 9:15	199.996	9/7/10 9:17	199.997	9/7/10 9:17	199.8	200.2	200g Check Passed
10601202	31116	100	100.004	9/7/10 9:15	100.002	9/7/10 9:17	99.994	9/7/10 9:17	99.9	100.1	100g Check Passed
10601202	31116	50	50.007	9/7/10 9:15	50.006	9/7/10 9:17	49.998	9/7/10 9:17	49.95	50.05	50g Check Passed
10601202	31116	30	30.009	9/7/10 9:16	30.002	9/7/10 9:17	30.003	9/7/10 9:18	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/7/10 9:16	1.001	9/7/10 9:17	1.001	9/7/10 9:18	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

Date: [illegible]

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101043

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of four (4) water samples were received on 09/02/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time:
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101043

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HS1001WB	ND	1	NA	1.00	0.400	09/07/1017:48	NA	HS100101	NA	HS1001W	NA	NA
NW-70-PMW03A-A10	1043-02	ND	1	NA	1.00	0.400	09/07/1018:42	NA	HS100109	NA	HS1001W	09/02/1010:37	09/02/10
NW-70-PMW03B-A10	1043-03	ND	1	NA	1.00	0.400	09/07/1018:47	NA	HS100110	NA	HS1001W	09/02/1011:40	09/02/10
NW-70-PMW02A-A10	1043-04	ND	1	NA	1.00	0.400	09/07/1018:52	NA	HS100111	NA	HS1001W	09/02/1013:15	09/02/10
NW-70-PMW02B-A10	1043-05	ND	1	NA	1.00	0.400	09/07/1018:57	NA	HS100112	NA	HS1001W	09/02/1013:42	09/02/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HSI 001

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☑ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWI-01-167	6.79
Spike	NA	
$Na_2S_2O_3$ Standard	SWRI-01-263	0.025N
Iodine	SWRI-01-234B	0.025N
HCl	SWPI-05-174	1:1
Indicator	SWRI-01-247	–

Analyzed By: [illegible]

Date: 9/7/10

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-E Analytical Batch: HS1001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_s (ml)	V_f (ml)	Volume of Titrant V_t (ml)	Analysis Date mm/dd/yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HSI0011	HSI001WB	100	5	4.81	09-07-10	17:48:19	0.76	0.76	0000	mg/L
HSI0012	HSI001WL	100	5	3.55	09-07-10	17:59:08	5.8	5.8		mg/L
HSI0013	HSI001WC	100	5	3.6	09-07-10	18:03:19	5.6	5.6		mg/L
HSI0014	H661-09	100	5	4.75	09-07-10	18:08:30	1	1	9999	mg/L
HSI0015	H661-10	100	5	3.64	09-07-10	18:12:20	5.44	5.44		mg/L
HSI0016	I019-02	100	5	4.59	09-07-10	18:16:50	1.68	1.68	1.68J	mg/L
HSI0017	I019-03	100	5	4.8	09-07-10	18:31:21	0.8	0.8	0000	mg/L
HSI0018	I019-04	100	5	4.8	09-07-10	18:36:03	0.8	0.8	0000	mg/L
HSI0019	I043-02	100	5	4.91	09-07-10	18:42:33	0.36	ND		mg/L
HSI00110	I043-03	100	5	4.81	09-07-10	18:47:59	0.76	0.76	0000	mg/L
HSI00111	I043-04	100	5	4.78	09-07-10	18:52:41	0.88	0.88	9999	mg/L
HSI00112	I043-05	100	5	4.76	09-07-10	18:57:02	0.96	0.96	0000	mg/L
HSI00113	I066-04	100	5	4.79	09-07-10	19:04:25	0.84	0.84	9999	mg/L
HSI00114	I066-05	100	5	4.76	09-07-10	19:07:49	0.96	0.96	0000	mg/L
HSI00115	I066-06	100	5	4.75	09-07-10	19:11:31	1	1	9999	mg/L
HSI00116	I075-01	100	5	4.82	09-07-10	19:16:04	0.72	0.72	9999	mg/L
HSI00117	I075-02	100	5	4.8	09-07-10	19:20:51	0.8	0.8	0000	mg/L
HSI00118	I075-02D	100	5	4.8	09-07-10	19:25:40	0.8	0.8	0000	mg/L

STANDARDIZATION				
V_1 (ml)	V_{blank} (ml)	DATE	TIME	Titrant $Na_2S_2O_3$ (N)
Average Normality of Iodine (N1)=				0.025

☑ Standard Purchased as Certified Solution

$$N_1 = \frac{(N * V)_{Na_2S_2O_3}}{V_1}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS (WATER/SOIL)	6.79	444	mg/L/mg/Kg
MDL (WATER/SOIL)	0.4	10	mg/L/mg/Kg
RL	2	20	mg/L/mg/Kg

$$S(mg/L) = \frac{[(V_t * N_t) - (V_1 * N_1)](16{,}000)}{V_s}$$

MS/MSD	TV=	6.79	mg/L
ID	Result (mg/L)	% Rec.	RPD

Comments:

Analyzed By:

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-H

Analytical Batch: HS1001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10011	HS1001WB	0.76	mg/L	9/7/10 17:48	25			ND #VALUE!	mg/L	
HS10012	HS1001WL	5.8	mg/L	9/7/10 17:59	25			#VALUE!	mg/L	
HS10013	HS1001WC	5.6	mg/L	9/7/10 18:03	25			#VALUE!	mg/L	
HS10014	H661-09	1	mg/L	9/7/10 18:08	25	6.99	38900	0.42	mg/L	
HS10015	H661-10	5.44	mg/L	9/7/10 18:12	25	7.37	5140	1.33	mg/L	
HS10016	1019-02	1.68	mg/L	9/7/10 18:16	25	7.14	23400	0.57	mg/L	
HS10017	1019-03	0.8	mg/L	9/7/10 18:31	25	7.19	7510	0.26	mg/L	
HS10018	1019-04	0.8	mg/L	9/7/10 18:36	25	7.18	7600	0.26	mg/L	
HS10019	1043-02	ND	mg/L	9/7/10 18:42	25	6.68	1860	ND	mg/L	
HS00110	1043-03	0.76	mg/L	9/7/10 18:47	25	7.73	1590	0.1	mg/L	
HS00111	1043-04	0.88	mg/L	9/7/10 18:52	25	7.76	1500	0.11	mg/L	
HS00112	1043-05	0.96	mg/L	9/7/10 18:57	25	7.74	1660	0.12	mg/L	
HS00113	1066-04	0.84	mg/L	9/7/10 19:04	25	7.69	2350	0.12	mg/L	
HS00114	1066-05	0.96	mg/L	9/7/10 19:07	25	7.85	1700	0.1	mg/L	
HS00115	1066-06	1	mg/L	9/7/10 19:11	25	7.06	2330	0.41	mg/L	
HS00116	1075-01	0.72	mg/L	9/7/10 19:16	25	7.51	1310	0.15	mg/L	
HS00117	1075-02	0.8	mg/L	9/7/10 19:20	25	7.93	1070	0.07	mg/L	
HS00118	1075-02D	0.8	mg/L	9/7/10 19:25	25	7.92	1090	0.07	mg/L	

mm 9/7/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}Conductivity$$

$$p\gamma_{\pm} = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K_1' = 10^{-pK_1 + 2p\gamma_{\pm}} \quad H_2S = \left(\frac{S_t}{1 + \frac{K_1'}{H^+}}\right)$$

$$H^+ = 10^{-pH + p\gamma_{\pm}}$$

Analyzed by: mm

Reviewed by: mm

Date: 9/7/10

Where T(°K) = T(°C)+273.15 pK1=dissociation constant for zero ionic strength A= Debye-Huckel Parameter I= Ionic Strength pH=negative logarithm of the monovalent ion activity coefficient K1'=conditional ionization constant H+=Hydrogen ion concentration St=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I043

METHOD SM5310B
TOC

A total of five (5) water samples were received on 09/02/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI003WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SM5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1010043

Matrix : WATER
Instrument ID : 152

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1003WB	ND	1	NA	1.00	0.500	09/10/1017:21	NA	TC1002-05	TC1002-02	TC1003W	NA	NA
LCS1W	TC1003WL	24.8	1	NA	1.00	0.500	09/10/1017:34	NA	TC1002-06	TC1002-02	TC1003W	NA	NA
LCD1W	TC1003WC	24.7	1	NA	1.00	0.500	09/10/1017:47	NA	TC1002-07	TC1002-02	TC1003W	NA	NA
IW-70-SA006-A10	1043-01	20.5	1	NA	1.00	0.500	09/10/1020:33	NA	TC1002-21	TC1002-14	TC1003W	09/02/1009:05	09/02/10
MW-70-PMW03A-A10	1043-02	15.6	1	NA	1.00	0.500	09/10/1020:45	NA	TC1002-22	TC1002-14	TC1003W	09/02/1010:37	09/02/10
MW-70-PMW03B-A10	1043-03	1.03	1	NA	1.00	0.500	09/10/1020:55	NA	TC1002-23	TC1002-14	TC1003W	09/02/1011:40	09/02/10
MW-70-PMW02A-A10	1043-04	0.934J	1	NA	1.00	0.500	09/10/1021:06	NA	TC1002-24	TC1002-14	TC1003W	09/02/1013:15	09/02/10
MW-70-PMW02B-A10	1043-05	1.10	1	NA	1.00	0.500	09/10/1021:17	NA	TC1002-25	TC1002-14	TC1003W	09/02/1013:42	09/02/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101043
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1003WB TC1003WL TC1003WC
LAB FILE ID: TC1002-05 TC1002-06 TC1002-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1017:21 09/10/1017:34 09/10/1017:47 DATE RECEIVED: NA
PREP. BATCH: TC1003W TC1003W TC1003W
CALIB. REF: TC1002-02 TC1002-02 TC1002-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	24.7	99	0	85-115	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/10/10 15:38

end (date & time) 9/11/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W / TCI004W

TCI003W / TCI004W

104344-08

10H337-03

10I019-01

10H661-01,02,08

10I053-01,03

10I043-01 → 05

10I032-01

10I066-01 → 06

10I062-01,02

10I029-01 → 08

10I075-01,02

10I071-01 → 04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-03-324	25
CCV	SW10B-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	OA-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	OA-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	OA-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	OA-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	OA-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	OA-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	OA-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	OA-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	OA-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	OA-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	OA-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	OA-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	OA-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	OA-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	OA-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	OA-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	OA-123456	C:\Pro	1.000	NPOC:~~0.344 mg/L~~	
18	Unknown	NPOC	10I053-01M	TCI002-18	OA-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	OA-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	OA-123456	C:\Pro	1.000	NPOC:1.369 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	OA-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	OA-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	OA-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	OA-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	OA-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	OA-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	OA-123456	C:\Pro	1.000	NPOC:0.05246 mg/L	
28	Unknown	NPOC	10I032-01	TCI002-28	OA-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	OA-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	OA-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	OA-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	OA-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	OA-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	OA-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	OA-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	OA-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	OA-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	OA-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	OA-123456	C:\Pro	1.000	NPOC:0.09060 mg/L	
40	Unknown	NPOC	10I062-01	TCI002-40	OA-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	OA-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	OA-123456	C:\Pro	1.000	NPOC:~~0.7145 mg/L~~	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	OA-123456	C:\Pro	1.000	NPOC:~~0.6054 mg/L~~	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	OA-123456	C:\Pro	1.000	NPOC:~~0.6424 mg/L~~	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	OA-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	OA-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	OA-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	OA-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	OA-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	OA-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	OA-123456	C:\Pro	1.000	NPOC:0.08001 mg/L	
52	Unknown	NPOC	10I075-01	TCI002-52	OA-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	OA-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	OA-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	OA-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	OA-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	OA-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	OA-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	OA-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	OA-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	OA-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	OA-123456	C:\Pro	1.000	NPOC:0.07807 mg/L	
63									
64									FINAL
65									
66									
67									

09/13/10 09:26:36 AM

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

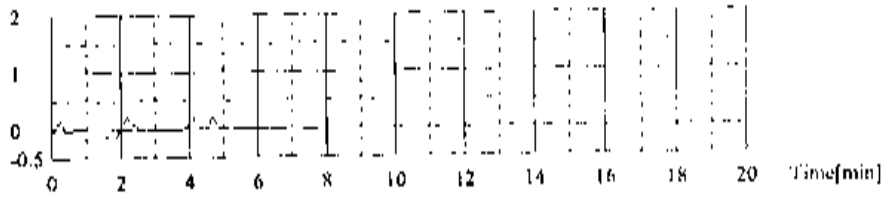
Sample Name:	ICAL
Sample ID:	TCI002-01
Cal. Curve:	TCI002 2010_09_10 15_30_25.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/10/10 03:38:37 PM
2	0.000	50uL	1	------		09/10/10 03:40:43 PM
3	0.2240	50uL	1	------		09/10/10 03:41:30 PM
4	0.000	50uL	1	------		09/10/10 03:43:36 PM

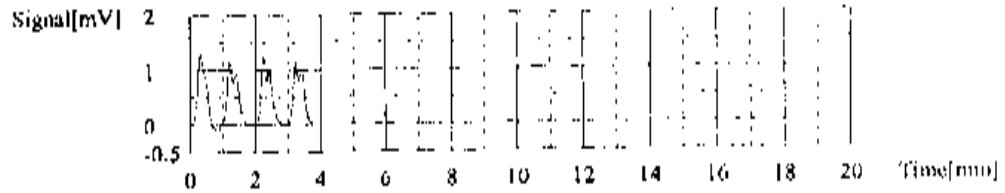
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.05600



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.353	50uL	10	------		09/10/10 03:51:42 PM
2	2.308	50uL	10	------		09/10/10 03:52:57 PM
3	2.326	50uL	10	------		09/10/10 03:54:06 PM
4	2.370	50uL	10	------		09/10/10 03:55:17 PM

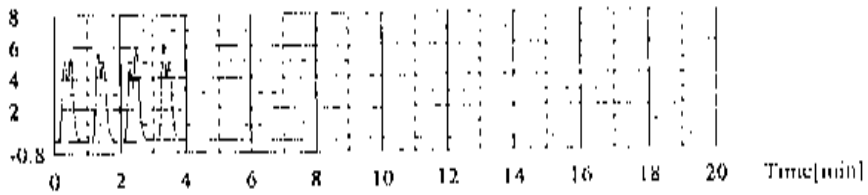
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.330



Conc: 5.000mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.62	50uL	2	------		09/10/10 04:01:34 PM
2	10.85	50uL	2	------		09/10/10 04:02:45 PM
3	11.03	50uL	2	------		09/10/10 04:03:58 PM
4	10.90	50uL	2	------		09/10/10 04:05:07 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.85



Conc: 10.00mg/L

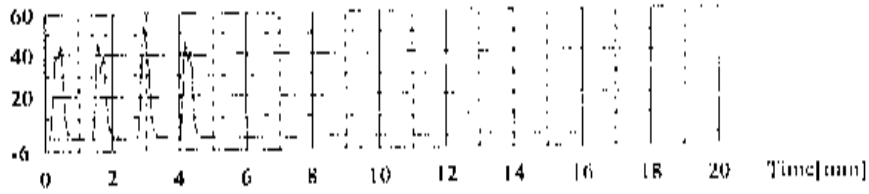
No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.08	50uL	1	-------		09/10/10 04:10:41 PM
2	21.57	50uL	1	-------		09/10/10 04:11:50 PM
3	21.32	50uL	1	-------		09/10/10 04:13:03 PM
4	21.45	50uL	1	-------		09/10/10 04:14:11 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.36

Conc. 40.00mg/L

No.	Area	Inj. Vol.	Aut Dil.	Rem.	Ex.	Date / Time
1	84.53	50uL	2	-------		09/10/10 04:22:38 PM
2	84.83	50uL	2	-------		09/10/10 04:24:11 PM
3	85.83	50uL	2	-------		09/10/10 04:25:38 PM
4	85.03	50uL	2	-------		09/10/10 04:27:07 PM

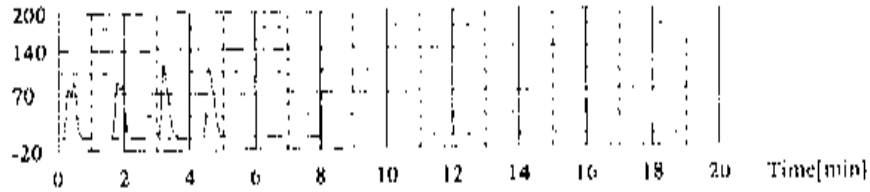
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06



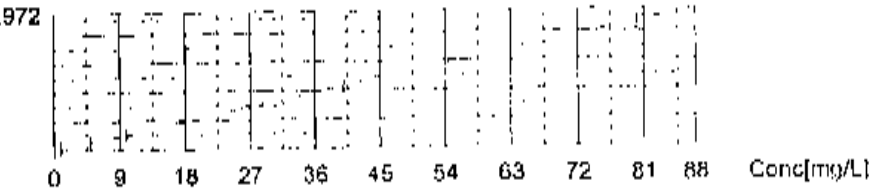
Conc. 80.00mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex	Date / Time
1	172.2	50uL	1	-------		09/10/10 04:33:09 PM
2	173.1	50uL	1	-------		09/10/10 04:34:46 PM
3	174.2	50uL	1	-------		09/10/10 04:36:20 PM
4	173.1	50uL	1	-------		09/10/10 04:37:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope: 2.159
Intercept 0.000
r^2 0.999920



Control Sample

Sample Name: ICV
Sample ID: TCI002-02
Method: TCI002.tpl
Chk. Result: Control value: 24.82 / Control exceeds range!

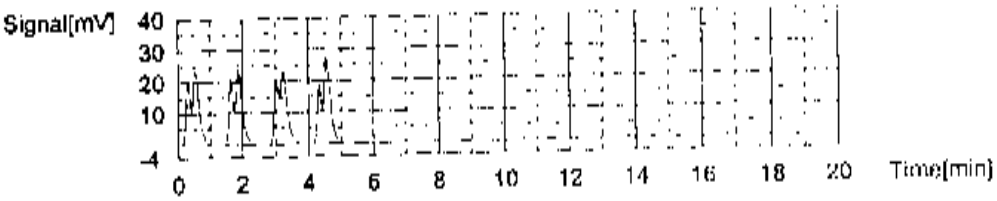
Type	Anal	Dil.	Result
Control	NPOC	1.000	NPOC:24.82 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.83	24.94mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:34 PM
3	53.62	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area: 53.58
Mean Conc.: 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002-03
Origin: TCI002.cal
Chk. Result

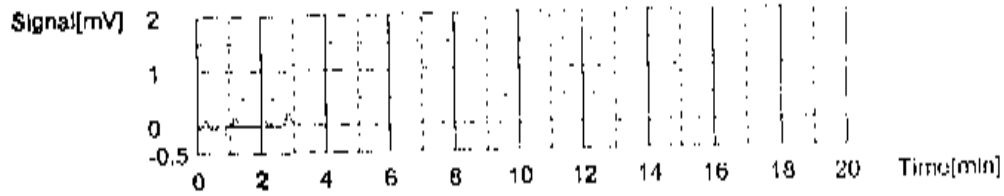
Type	Anal	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1316 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2595	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1219mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:02 PM
3	0.2593	0.1201mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1640mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:05 PM

Mean Area: 0.2840
Mean Conc.: 0.1316mg/L



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PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I065**

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GC/MS-SVOA	**	3000 –
GC-VOA	**	4000 –
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	METHOD 3010A/6010B METHOD 7470A	7000 – 7041 7042 – 7051
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 09-23-2010
EMAX Batch No.: 101065

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/03/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
T-10M	1065-01	09/03/10	WATER	METALS CAM MERCURY

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for

Cuspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801-

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.* 10I065
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEC INC
PROJECT: NWS SEAL BEACH IA 70
COORDINATOR: NICK WEINBERGER
TEL: 714-675-672 FAX: 714-638-241 EMAIL: NWEINBERGER@ICECI.COM
SEND REPORT TO: NICK WEINBERGER ICECI.COM
COMPANY: INSIGHT GEC, INC
ADDRESS: 3010 E. NIMALOMA AVE.
CARDIFF, CA 92836
EMAX PM: Ye Myint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC=Ice
GW=Ground Water	HC=HCl
WW=Waste Water	HN=HNO3
SO=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: TPHg-8015 (MPH) EPA 6010B

TAT: ☐ Rush ____ hrs. ☒ Rush 2 days ☐ 7 days ☐ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HN	COMMENTS
1	T-10M	IA 70	9/3/10	0857	1	250ml	Poly	GW	TL	X	
2											
3											
4											
5											
6											
7											
8											
9											
10											

Instructions: RUSH 2 DAY TAT. NOT A 14 DAY.

Cooler #	Temp. (°C)	Sample #s

SAMPLER: CHASE BROGAN

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[signature]	9/3/10	1430	Keith Stout	9/3/10	1500
Keith Stout	9/3/10	1527	[signature]		

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is agreed upon with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense, unless directed in writing otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM I

Type of Delivery	Delivered By/Airbill	ECN 10I065
☐ EMAX Courier		Recipient G-LUNA
☐ Client Delivery		Date 9-3-10
☐ Third Party		Time 1527

COC Inspection

☐ Client Name ☐ Client PM/FC ☐ Sampler Name ☐ Sampling Date/Time/Location ☐ Sample ID ☐ Matrix
☐ Address ☐ Tel # / Fax # ☐ Courier Signature ☐ Analysis Required ☐ Preservative (if any) ☐ Unit
Safety Issues ☐ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments:

Packaging Inspection

Container	☐ Cooler	☐ Box	☐ Other	
Condition	☐ Custody Seal	☐ Intact	☐ Damaged	
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Polycom	☐ Sufficient ☐
Temperatures (Cool, <6 °C but not frozen)	☐ Cooler 1 3.7 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C ☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C ☐ Cooler 10 ____ °C

Comments ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling ____ Date 9/3/10 SRI ____ Date 9/3/10 PM LP for YC Date 9/7/10

LEGEND

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4	____	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	____
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	____
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble is > 6mm		
B4	____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	____		
C4	____	H2	____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METALS / MERCURY

SDG#: 10I065

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I065

METHOD 3010A/6010B
METALS BY TRACE ICP

One (1) water sample was received on 09/03/10 for Metals CAM analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI028WX/Y were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries were within project QC limits except for one result qualified with [*] in I065-01 M/S summary form, most likely due to matrix interference.
Check QC summary form for details.
In addition, analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
METALS BY TRACE ICP

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101065
Instrument ID : T-1DB

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	IP1028WQ	1	NA	09/08/1022:56	09/07/1012:40	ID81010062	ID81010060	IP1028W	Method Blank
LCS1W	IP1028WX	1	NA	09/08/1023:01	09/07/1012:40	ID81010063	ID81010060	IP1028W	Lab Control Sample (LCS)
LCD1W	IP1028WY	1	NA	09/08/1023:06	09/07/1012:40	ID81010064	ID81010060	IP1028W	LCS Duplicate
T-10MAS	1065-01A	1	NA	09/08/1023:11	09/07/1012:40	ID81010065	ID81010060	IP1028W	Analytical Spike Sample
T-10M	1065-01W	1	NA	09/08/1023:16	09/07/1012:40	ID81010066	ID81010060	IP1028W	Field Sample
T-10MDL	1065-01J	5	NA	09/08/1023:22	09/07/1012:40	ID81010067	ID81010060	IP1028W	Diluted Sample
T-10MMS	1065-01G	1	NA	09/08/1023:27	09/07/1012:40	ID81010068	ID81010060	IP1028W	Matrix Spike Sample (MS)
T-10MMSD	1065-01H	1	NA	09/08/1023:32	09/07/1012:40	ID81010069	ID81010060	IP1028W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
METALS BY TRACE ICP

Client	: INSIGHT FEC, INC.	Date Collected:	09/03/10 08:57
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
SDG NO.	: 10I065	Date Extracted:	09/07/10 12:40
Sample ID:	T-10M	Date Analyzed:	09/08/10 23:16
Lab Samp ID:	I065-01W	Dilution Factor:	1
Lab File ID:	I08I010066	Matrix :	WATER
Ext Btch ID:	IPI028W	% Moisture :	NA
Calib. Ref.:	I08I010060	Instrument ID :	EMAXTI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	0.0111J	0.100	0.0100
Arsenic	0.00982J	0.0100	0.00500
Barium	0.00496J	0.0100	0.00200
Beryllium	ND	0.0100	0.00100
Cadmium	ND	0.0100	0.00100
Chromium	ND	0.0100	0.00250
Cobalt	ND	0.0100	0.00250
Copper	ND	0.0100	0.00200
Lead	0.00751J	0.0100	0.00300
Molybdenum	ND	0.0500	0.00500
Nickel	ND	0.0100	0.00250
Selenium	ND	0.0100	0.00500
Silver	ND	0.0100	0.00300
Thallium	ND	0.0100	0.00500
Vanadium	ND	0.0100	0.00500
Zinc	ND	0.0100	0.00500

METHOD 3010A/6010B
METALS BY TRACE ICP

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
SDG NO.	: 101065	Date Extracted:	09/07/10 12:40
Sample ID:	MBLK1W	Date Analyzed:	09/08/10 22:56
Lab Samp ID:	IP1028WQ	Dilution Factor:	1
Lab File ID:	ID8I010062	Matrix :	WATER
Ext Btch ID:	IP1028W	% Moisture :	NA
Calib. Ref.:	ID8I010060	Instrument ID :	EMAXT1D8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	ND	0.100	0.0100
Arsenic	ND	0.0100	0.00500
Barium	0.002243	0.0100	0.00200
Beryllium	ND	0.0100	0.00100
Cadmium	ND	0.0100	0.00100
Chromium	ND	0.0100	0.00250
Cobalt	ND	0.0100	0.00250
Copper	ND	0.0100	0.00200
Lead	ND	0.0100	0.00300
Molybdenum	ND	0.0500	0.00500
Nickel	ND	0.0100	0.00250
Selenium	ND	0.0100	0.00500
Silver	ND	0.0100	0.00300
Thallium	ND	0.0100	0.00500
Vanadium	ND	0.0100	0.00500
Zinc	ND	0.0100	0.00500

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101065
METHOD: METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1W				
CONTROL NO.:	IPI028WQ	IPI028WX	IPI028WY		
LAB FILE ID:	ID8I010062	ID8I010063	ID8I010064		
DATIME EXTRCTD:	09/07/1012:40	09/07/1012:40	09/07/1012:40	DATE COLLECTED:	NA
DATIME ANALYZD:	09/08/1022:56	09/08/1023:01	09/08/1023:06	DATE RECEIVED:	09/07/10
PREP. BATCH:	IPI028W	IPI028W	IPI028W		
CALIB. REF:	ID8I010060	ID8I010060	ID8I010060		

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Antimony	ND	2.5	2.71	108	2.5	2.66	106	2	80-120	20
Arsenic	ND	.5	.547	109	.5	.543	109	1	80-120	20
Barium	.00224J	.5	.507	101	.5	.508	102	0	80-120	20
Beryllium	ND	.5	.494	99	.5	.494	99	0	80-120	20
Cadmium	ND	.5	.513	103	.5	.516	103	1	80-120	20
Chromium	ND	.5	.505	101	.5	.505	101	0	80-120	20
Cobalt	ND	.5	.463	93	.5	.466	93	1	80-120	20
Copper	ND	.5	.512	102	.5	.515	103	1	80-120	20
Lead	ND	.5	.49	98	.5	.493	99	1	80-120	20
Molybdenum	ND	.5	.52	104	.5	.518	104	0	80-120	20
Nickel	ND	.5	.493	99	.5	.498	100	1	80-120	20
Selenium	ND	.5	.554	111	.5	.544	109	2	80-120	20
Silver	ND	.5	.521	104	.5	.518	104	1	80-120	20
Thallium	ND	.5	.502	100	.5	.503	101	0	80-120	20
Vanadium	ND	.5	.496	99	.5	.498	100	0	80-120	20
Zinc	ND	.5	.531	106	.5	.534	107	1	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101065
METHOD: METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	T-10M				
CONTROL NO.:	I065-01W	I065-01G	I065-01H		
LAB FILE ID:	ID81010066	ID81010068	ID81010069		
DATIME EXTRCTD:	09/07/1012:40	09/07/1012:40	09/07/1012:40	DATE COLLECTED:	09/03/10 08:57
DATIME ANALYZD:	09/08/1023:16	09/08/1023:27	09/08/1025:52	DATE RECEIVED:	09/03/10
PREP. BATCH:	IP1028W	IP1028W	IP1028W		
CALIB. REF:	ID81010060	ID81010060	ID81010060		

ACCESSION:

PARAMETER	SMPL RSLT mg/L	SPIKE AMT mg/L	MS RSLT mg/L	MS % REC	SPIKE AMT mg/L	MSD RSLT mg/L	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Antimony	.0111J	2.5	2.88	115	2.5	2.89	115	0	75-125	20
Arsenic	.00982J	.5	.602	118	.5	.602	118	0	75-125	20
Barium	.00496J	.5	.531	105	.5	.535	106	1	75-125	20
Beryllium	ND	.5	.497	99	.5	.505	101	2	75-125	20
Cadmium	ND	.5	.541	108	.5	.545	109	1	75-125	20
Chromium	ND	.5	.516	103	.5	.519	104	0	75-125	20
Cobalt	ND	.5	.49	98	.5	.496	99	1	75-125	20
Copper	ND	.5	.561	112	.5	.55	110	2	75-125	20
Lead	.00751J	.5	.503	99	.5	.505	99	0	75-125	20
Molybdenum	ND	.5	.556	111	.5	.557	111	0	75-125	20
Nickel	ND	.5	.517	103	.5	.519	104	0	75-125	20
Selenium	ND	.5	.267	53*	.5	.267	53*	0	75-125	20
Silver	ND	.5	.576	115	.5	.579	116	1	75-125	20
Thallium	ND	.5	.481	96	.5	.481	96	0	75-125	20
Vanadium	ND	.5	.515	103	.5	.523	105	2	75-125	20
Zinc	ND	.5	.576	115	.5	.574	115	0	75-125	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101065
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID:	T-10M	T-10MDL		
EMAX SAMP ID:	1065-01W	1065-01J		
LAB FILE ID:	ID81010066	ID81010067		
DATE EXTRACTED:	09/07/1012:40	09/07/1012:40	DATE COLLECTED:	09/03/10 08:57
DATE ANALYZED:	09/08/1023:16	09/08/1023:22	DATE RECEIVED:	09/03/10
PREP. BATCH:	IPI028W	IPI028W		
CALIB. REF:	ID81010060	ID81010060		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Antimony	0.0111J	ND	NA	10
Arsenic	0.00982J	ND	NA	10
Barium	0.00496J	ND	NA	10
Beryllium	ND	ND	0	10
Cadmium	ND	ND	0	10
Chromium	ND	ND	0	10
Cobalt	ND	ND	0	10
Copper	ND	ND	0	10
Lead	0.00751J	ND	NA	10
Molybdenum	ND	ND	0	10
Nickel	ND	ND	0	10
Selenium	ND	ND	0	10
Silver	ND	ND	0	10
Thallium	ND	ND	0	10
Vanadium	ND	ND	0	10
Zinc	ND	ND	0	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101065
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	T-10M			
CONTROL NO.:	1065-01W	1065-01A		
LAB FILE ID:	1D81010066	1D81010065		
DATIME EXTRCTD:	09/07/1012:40	09/07/1012:40	DATE COLLECTED:	09/03/10 08:57
DATIME ANALYZD:	09/08/1023:16	09/08/1023:11	DATE RECEIVED:	09/03/10
PREP. BATCH:	IP1028W	IP1028W		
CALIB. REF:	1D81010060	1D81010060		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Antimony	.0111J	2.5	2.72	108	75-125
Arsenic	.00982J	.5	.608	120	75-125
Barium	.00496J	.5	.532	105	75-125
Beryllium	ND	.5	.498	100	75-125
Cadmium	ND	.5	.538	108	75-125
Chromium	ND	.5	.51	102	75-125
Cobalt	ND	.5	.486	97	75-125
Copper	ND	.5	.565	113	75-125
Lead	.00751J	.5	.497	98	75-125
Molybdenum	ND	.5	.522	104	75-125
Nickel	ND	.5	.492	98	75-125
Selenium	ND	.5	.606	121	75-125
Silver	ND	.5	.564	113	75-125
Thallium	ND	.5	.48	96	75-125
Vanadium	ND	.5	.509	102	75-125
Zinc	ND	.5	.566	113	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES INC

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/8/10 17:26
End Date: 9/9/10 12:05

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:
CCV5 TNA
H637-10T } @10X, 2ml 2UR
H637-18T }

Book #: AD8-016
Instrument No.: D8
Analytical Batch: IDBI010
Analytical Sequence: S-IDI6010(VIM)
Method File: IDI6010(VIM)
Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SMIB14-UM-01	S30	SMIB14-02-03
S1	NA	S31	↓ 02-04
S2	↓	ICV	SMIB1294 02
S3	↓	CCV	SMIB14 04 02
S4	↓	ICSA	↓ 0302
S5	↓	ICSAB	↓ 0303
S6	↓	CRI/MRL1	SMIB12 85 01
S7	↓	CRI/MRL2	↓ 8502
S8	↓	MLCV	NA
S9	↓		
S10	↓		
S11	↓		
S12	↓		
S16	↓		
S17	↓		
S18	↓		
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	↓ 01-02		
S23	↓ 01-03		
S24	↓ 01-04		
S25	↓ 01-05		
S26	SMIB12 100-02		
S27	↓ 100-03		
S28	SMIB14-02 01		
S29	↓ 02-02		

Analyzed By: TH
Date: 9/9/10

SEQUENCE FILE : ID8I010

4-18 LFID	19-33 LSID	34-43 TIME	44-53 DATE	54-63 DF
ID8I010001	Blank	17:26	09/08/10	1.000
ID8I010002	S20	17:31	09/08/10	1.000
ID8I010003	S21	17:36	09/08/10	1.000
ID8I010004	S22	17:42	09/08/10	1.000
ID8I010005	S23	17:47	09/08/10	1.000
ID8I010006	S24	17:52	09/08/10	1.000
ID8I010007	S25	17:57	09/08/10	1.000
ID8I010008	S26	18:03	09/08/10	1.000
ID8I010009	S27	18:08	09/08/10	1.000
ID8I010010	S28	18:13	09/08/10	1.000
ID8I010011	S29	18:18	09/08/10	1.000
ID8I010012	S30	18:23	09/08/10	1.000
ID8I010013	S31	18:28	09/08/10	1.000
ID8I010014	ICV	18:33	09/08/10	1.000
ID8I010015	ICB	18:38	09/08/10	1.000
ID8I010016	MRLI1001	18:43	09/08/10	1.000
ID8I010017	MRLI1002	18:48	09/08/10	1.000
ID8I010018	ICSA1	18:53	09/08/10	1.000
ID8I010019	ICSAB1	18:58	09/08/10	1.000
ID8I010020	CCV1	19:04	09/08/10	1.000
ID8I010021	CCB1	19:09	09/08/10	1.000
ID8I010022	H344-06T	19:14	09/08/10	10.00
ID8I010023	H344-07T	19:19	09/08/10	10.00
ID8I010024	H344-08T	19:24	09/08/10	10.00
ID8I010025	H344-11T	19:29	09/08/10	10.00
ID8I010026	CCV3	19:38	09/08/10	1.000
ID8I010027	CCB3	19:43	09/08/10	1.000
ID8I010028	IPI023WB	19:48	09/08/10	1.000
ID8I010029	IPI023WL	19:53	09/08/10	1.000
ID8I010030	IPI023WC	19:58	09/08/10	1.000
ID8I010031	H363-06A	20:03	09/08/10	1.000
ID8I010032	H363-06	20:08	09/08/10	1.000
ID8I010033	H363-06J	20:13	09/08/10	5.000
ID8I010034	H363-06M	20:18	09/08/10	1.000
ID8I010035	H363-06S	20:23	09/08/10	1.000
ID8I010036	H363-01	20:29	09/08/10	1.000
ID8I010037	H363-02	20:34	09/08/10	1.000
ID8I010038	CCV4	20:43	09/08/10	1.000
ID8I010039	CCB4	20:48	09/08/10	1.000
ID8I010040	H363-03	20:53	09/08/10	1.000
ID8I010041	H363-04	20:58	09/08/10	1.000
ID8I010042	H363-05	21:03	09/08/10	1.000
ID8I010043	H363-08	21:08	09/08/10	1.000
ID8I010044	H363-09	21:13	09/08/10	1.000
ID8I010045	H363-10	21:18	09/08/10	1.000
ID8I010046	I024-32	21:24	09/08/10	1.000
ID8I010047	I037-02	21:29	09/08/10	1.000
ID8I010048	I037-03	21:34	09/08/10	1.000
ID8I010049	I037-04	21:39	09/08/10	1.000
ID8I010050	CCV5	21:48	09/08/10	1.000
ID8I010051	CCB5	21:53	09/08/10	1.000
ID8I010052	I037-05	21:58	09/08/10	1.000
ID8I010053	I037-06	22:03	09/08/10	1.000
ID8I010054	I037-07	22:08	09/08/10	1.000

ID8I010055	I037-08	22:13	09/08/10	1.000
ID8I010056	I037-09	22:18	09/08/10	1.000
ID8I010057	I037-10	22:23	09/08/10	1.000
ID8I010058	ZZZZZZZ	22:32	09/08/10	1.000
ID8I010059	ZZZZZZZ	22:37	09/08/10	1.000
ID8I010060	CCV6	22:46	09/08/10	1.000
ID8I010061	CCB6	22:51	09/08/10	1.000
ID8I010062	IPI028WQ	22:56	09/08/10	1.000
ID8I010063	IPI028WX	23:01	09/08/10	1.000
ID8I010064	IPI028WY	23:06	09/08/10	1.000
ID8I010065	I065-01A	23:11	09/08/10	1.000
ID8I010066	I065-01W	23:16	09/08/10	1.000
ID8I010067	I065-01J	23:22	09/08/10	5.000
ID8I010068	I065-01G	23:27	09/08/10	1.000
ID8I010069	I065-01H	23:32	09/08/10	1.000
ID8I010070	I036-19W	23:37	09/08/10	1.000
ID8I010071	CCV7	23:46	09/08/10	1.000
ID8I010072	CCB7	23:51	09/08/10	1.000
ID8I010073	IPI026SB	23:56	09/08/10	1.000
ID8I010074	IPI026SL	00:01	09/09/10	1.000
ID8I010075	IPI026SC	00:06	09/09/10	1.000
ID8I010076	I036-01A	00:11	09/09/10	10.00
ID8I010077	I036-01T	00:16	09/09/10	10.00
ID8I010078	I036-01J	00:21	09/09/10	50.00
ID8I010079	I036-01M	00:26	09/09/10	10.00
ID8I010080	I036-01S	00:31	09/09/10	10.00
ID8I010081	I036-02T	00:36	09/09/10	10.00
ID8I010082	I036-03T	00:41	09/09/10	10.00
ID8I010083	CCV8	00:50	09/09/10	1.000
ID8I010084	CCB8	00:55	09/09/10	1.000
ID8I010085	I036-04T	01:00	09/09/10	10.00
ID8I010086	I036-05T	01:05	09/09/10	10.00
ID8I010087	I036-06T	01:10	09/09/10	10.00
ID8I010088	I036-07T	01:15	09/09/10	10.00
ID8I010089	I036-08T	01:20	09/09/10	10.00
ID8I010090	I036-09T	01:25	09/09/10	10.00
ID8I010091	I036-10T	01:30	09/09/10	10.00
ID8I010092	I036-11T	01:35	09/09/10	10.00
ID8I010093	I036-12T	01:40	09/09/10	10.00
ID8I010094	I036-13T	01:45	09/09/10	10.00
ID8I010095	CCV9	01:54	09/09/10	1.000
ID8I010096	CCB9	01:59	09/09/10	1.000
ID8I010097	I036-14T	02:04	09/09/10	10.00
ID8I010098	I036-15T	02:09	09/09/10	10.00
ID8I010099	I036-16T	02:14	09/09/10	10.00
ID8I010100	I036-17T	02:19	09/09/10	10.00
ID8I010101	I036-18T	02:24	09/09/10	10.00
ID8I010102	H636-12K	02:29	09/09/10	50.00
ID8I010103	H636-14K	02:34	09/09/10	50.00
ID8I010104	H636-15K	02:39	09/09/10	20.00
ID8I010105	H636-16K	02:44	09/09/10	50.00
ID8I010106	H636-19K	02:49	09/09/10	50.00
ID8I010107	CCV10	02:58	09/09/10	1.000
ID8I010108	CCB10	03:03	09/09/10	1.000
ID8I010109	H354-05A	03:08	09/09/10	10.00
ID8I010110	H354-05K	03:13	09/09/10	10.00
ID8I010111	H354-05J	03:18	09/09/10	50.00

ID8I010112	H381-04T	03:23	09/09/10	5.000
ID8I010113	H381-05T	03:29	09/09/10	5.000
ID8I010114	H381-04T	03:34	09/09/10	5.000
ID8I010115	ICSA2	03:39	09/09/10	1.000
ID8I010116	ICSAB2	03:45	09/09/10	1.000
ID8I010117	CCV11	03:54	09/09/10	1.000
ID8I010118	CCB11	03:59	09/09/10	1.000
ID8I010119	IPI025SQ	04:04	09/09/10	1.000
ID8I010120	IPI025SX	04:09	09/09/10	1.000
ID8I010121	IPI025SY	04:14	09/09/10	1.000
ID8I010122	H340-23A	04:19	09/09/10	10.00
ID8I010123	H340-23I	04:24	09/09/10	10.00
ID8I010124	H340-23J	04:29	09/09/10	50.00
ID8I010125	H340-24I	04:34	09/09/10	10.00
ID8I010126	H340-25I	04:39	09/09/10	10.00
ID8I010127	H340-26I	04:44	09/09/10	10.00
ID8I010128	H340-27I	04:49	09/09/10	10.00
ID8I010129	CCV12	04:58	09/09/10	1.000
ID8I010130	CCB12	05:03	09/09/10	1.000
ID8I010131	H340-28I	05:08	09/09/10	10.00
ID8I010132	H340-29I	05:13	09/09/10	10.00
ID8I010133	H994-05W	05:18	09/09/10	1.000
ID8I010134	H994-08T	05:23	09/09/10	5.000
ID8I010135	CCV13	05:30	09/09/10	1.000
ID8I010136	CCB13	05:35	09/09/10	1.000
ID8I010137	IPI024SQ	05:40	09/09/10	1.000
ID8I010138	IPI024SX	05:45	09/09/10	1.000
ID8I010139	IPI024SY	05:50	09/09/10	1.000
ID8I010140	H340-01A	05:55	09/09/10	10.00
ID8I010141	H340-01I	06:00	09/09/10	10.00
ID8I010142	H340-01J	06:05	09/09/10	50.00
ID8I010143	H340-01M	06:10	09/09/10	10.00
ID8I010144	H340-01S	06:15	09/09/10	10.00
ID8I010145	H340-02I	06:20	09/09/10	10.00
ID8I010146	H340-03I	06:25	09/09/10	10.00
ID8I010147	CCV14	06:32	09/09/10	1.000
ID8I010148	CCB14	06:37	09/09/10	1.000
ID8I010149	H340-04I	06:42	09/09/10	10.00
ID8I010150	H340-05I	06:47	09/09/10	10.00
ID8I010151	H340-06I	06:52	09/09/10	10.00
ID8I010152	H340-07I	06:57	09/09/10	10.00
ID8I010153	H340-08I	07:02	09/09/10	10.00
ID8I010154	H340-09I	07:07	09/09/10	10.00
ID8I010155	H340-12I	07:12	09/09/10	10.00
ID8I010156	H340-13I	07:17	09/09/10	10.00
ID8I010157	H340-14I	07:22	09/09/10	10.00
ID8I010158	H340-15I	07:27	09/09/10	10.00
ID8I010159	CCV15	07:34	09/09/10	1.000
ID8I010160	CCB15	07:39	09/09/10	1.000
ID8I010161	H340-16I	07:45	09/09/10	10.00
ID8I010162	H340-17I	07:50	09/09/10	10.00
ID8I010163	H340-18I	07:55	09/09/10	10.00
ID8I010164	H340-19I	08:00	09/09/10	10.00
ID8I010165	H340-20I	08:05	09/09/10	10.00
ID8I010166	H340-21I	08:10	09/09/10	10.00
ID8I010167	H340-22I	08:15	09/09/10	10.00
ID8I010168	ICSA3	08:24	09/09/10	1.000

ID8I010169	ICSAB3	08:29	09/09/10	1.000
ID8I010170	CCV16	08:38	09/09/10	1.000
ID8I010171	CCB16	08:43	09/09/10	1.000
ID8I010172	IPI027SB	08:48	09/09/10	1.000
ID8I010173	IPI027SL	08:53	09/09/10	1.000
ID8I010174	IPI027SC	08:58	09/09/10	1.000
ID8I010175	H637-01A	09:03	09/09/10	10.00
ID8I010176	H637-01T	09:08	09/09/10	10.00
ID8I010177	H637-01J	09:13	09/09/10	50.00
ID8I010178	H637-01M	09:18	09/09/10	10.00
ID8I010179	H637-01S	09:23	09/09/10	10.00
ID8I010180	H637-02T	09:28	09/09/10	10.00
ID8I010181	H637-03T	09:33	09/09/10	10.00
ID8I010182	CCV17	09:42	09/09/10	1.000
ID8I010183	CCB17	09:47	09/09/10	1.000
ID8I010184	H637-04T	09:52	09/09/10	10.00
ID8I010185	H637-05T	09:57	09/09/10	10.00
ID8I010186	H637-06T	10:02	09/09/10	10.00
ID8I010187	H637-07T	10:07	09/09/10	10.00
ID8I010188	H637-08T	10:12	09/09/10	10.00
ID8I010189	H637-09T	10:17	09/09/10	10.00
ID8I010190	H637-10T	10:22	09/09/10	10.00
ID8I010191	H637-11T	10:27	09/09/10	10.00
ID8I010192	H637-12T	10:32	09/09/10	10.00
ID8I010193	H637-13T	10:38	09/09/10	10.00
ID8I010194	CCV18	10:46	09/09/10	1.000
ID8I010195	CCB18	10:51	09/09/10	1.000
ID8I010196	H637-14T	10:56	09/09/10	10.00
ID8I010197	H637-15T	11:01	09/09/10	10.00
ID8I010198	H637-16T	11:06	09/09/10	10.00
ID8I010199	H637-17T	11:11	09/09/10	10.00
ID8I010200	H637-18T	11:16	09/09/10	10.00
ID8I010201	H994-08I	11:21	09/09/10	10.00
ID8I010202	H994-08W	11:26	09/09/10	1.000
ID8I010203	H994-08K	11:34	09/09/10	5.000
ID8I010204	H637-10I	11:41	09/09/10	20.00
ID8I010205	H637-18I	11:46	09/09/10	20.00
ID8I010206	CCV19	12:01	09/09/10	1.000
ID8I010207	CCB19	12:05	09/09/10	1.000

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
520	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
521	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
522	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
523	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
524	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
525	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
526	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
527	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
528	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
529	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
530	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
531	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	107	104	105	102	104	105	103	104	102	96	101	99	97	105	98	95	102	103	105	101	103	105	107	95	101
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	97	----	----	----	93	----	----	94	----	----	----	----	----	----	----	----	----	----
[illegible]	99	----	----	----	----	----	----	94	95	92	112	92	91	111	96	91	101	98	109	107	103	111	99	99	95
[illegible]	95	103	106	105	95	96	101	94	95	92	112	92	91	111	96	91	101	98	109	107	103	111	99	95	95
[illegible]	104	114	106	102	103	101	103	105	103	96	103	101	97	107	99	95	102	103	104	101	103	118	99	95	95
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	119	104	106	102	103	111	103	105	103	96	113	101	97	107	99	95	112	103	104	107	103	118	98	96	95
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

105A03	98	104	112	119	97	101	102	96	98	92	102	92	92	116	92	96	102	93	118	109	----	121*	114	93	94	----	----	----
01,16	108	104	109	107	101	103	103	101	105	96	103	99	97	112*	95	96	103	103	113*	110	105	116*	114	98	93	----	----	----
01516	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P102TSB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P102TSL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P103TSL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-114	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-117	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-118	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-119*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-115	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-027	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-037	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
01V17	106	104	111	113	100	104	103	104	106	95	103	99	97	113*	95	96	103	103	113*	110	105	117*	104	98	98	----	----	----
01B17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-047	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-057	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-067	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-077	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-087	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-097	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-107	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-117	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-127	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-137	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
02V18	105	103	108	105	99	102	102	103	104	94	102	98	96	111*	95	94	102	101	111*	108	104	115*	102	97	97	----	----	----
02B18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-147	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-157	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-167	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-177	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-187	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H994-181	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H994-18A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H994-05A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-111	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H637-181	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
11V19	115	112	108	117	99	112	102	109	114	94	103	99	96	112*	94	96	102	112	112*	109	114	119*	112	97	97	----	----	----
11B19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

(1) Means of each parameter are listed in a table attached ref* to all the (1) [illegible] forms

* [illegible]

SAMPLE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn
BLANK																									
S20																									
S21																									
S22																									
S23																									
S24																									
S25																									
S26																									
S27																									
S28																									
S29																									
S30																									
S31																									
S32																									
I1V																									
I1B	5.45	8.54	.102	-.020	.021	.833	.022	-6.81	.351	.003	.238	1.50	-.210	-.353	12.2	-.190	.593	-.113	34.5	-.270	-.320	19.5	-.098	.450	.16
MBL11121																									
MBL11122																									
IS1A		.371	1.50	.273	-.120	-9.85	-2.04	----	-.613	-1.23	.372	---	-1.51	2.33	----	5.93	-2.89	-1.34	-58.0	-1.74	.650	97.1	.480	-1.45	.792
IS5A1																									
IS5A2																									
CC11																									
CC21	6.16	6.73	.380	-.192	-.011	.363	-.030	-15.4	-.200	-.021	.123	.970	-.210	.269	9.65	-.311	.733	-.283	51.2	.630	.371	17.7	-.264	.162	.213
MB41-CST																									
MB41-CST																									
MB41-CST																									
MB41-CST																									
CC31																									
CC41	.92	4.63	.610	.110	.140	.730	.093	8.93	.120	.341	.293	4.21	.301	.693	15.3	.311	.733	.028	67.3	-1.16	-.351	98.2	-.013	.599	.271
IP1123W3																									
IP1123W4																									
IP1123W1																									
MB3-365																									
MB3-26																									
MB3-261																									
MB3-169																									
MB3-165																									
MB3-11																									
MB3-12																									
CC14																									
I1B4	6.24	5.19	.583	.193	.111	.643	.263	3.42	.161	.161	.363	1.96	.191	.341	16.9	.271	.751	.130	51.2	-.171	.170	17.5	.111	1.19	.17
MB3-15																									
MB3-11																									
MB3-15																									
MB3-16																									
MB3-17																									
MB3-11																									
I1B4-32																									
I1B7-12																									
I1B7-13																									
I1B7-11																									
CC45																									
I1B6	3.18	4.16	.511	-.121	.650	.311	.343	-3.18	.090	.121	.111	.443	.211	-.341	12.6	.131	.751	-.153	33.5	.731	.145	54.5	-.013	.341	-.15
I1B7-15																									
I1B7-16																									
I1B7-17																									

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Sequence Sample List (S_1016010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Dil Factor
1	0	0	0	0	Unk	S0		ID8I010001			1	☒	unk	
2	0	0	0	0	Unk	S20		ID8I010002			1	☒	unk	
3	0	0	0	0	Unk	S21		ID8I010003			1	☒	unk	
4	0	0	0	0	Unk	S22		ID8I010004			1	☒	unk	
5	0	0	0	0	Unk	S23		ID8I010005			1	☒	unk	
6	0	0	0	0	Unk	S24		ID8I010006			1	☒	unk	
7	0	0	0	0	Unk	S25		ID8I010007			1	☒	unk	
8	0	0	0	0	Unk	S26		ID8I010008			1	☒	unk	
9	0	0	0	0	Unk	S27		ID8I010009			1	☒	unk	
10	0	0	0	0	Unk	S28		ID8I010010			1	☒	unk	
11	0	0	0	0	Unk	S29		ID8I010011			1	☒	unk	
12	0	0	0	0	Unk	S30		ID8I010012			1	☒	unk	
13	0	0	0	0	Unk	S31		ID8I010013			1	☒	CCV	None
14	2	2	2	1	QC	ICV		ID8I010014			1	☒	3XIDL	None
15	3	2	3	1	QC	ICB		ID8I010015			1	☒	EMAX	None
16	4	2	4	1	QC	MRL1001		ID8I010016			1	☒	ACCEE	None
17	5	2	5	1	QC	MRL1002		ID8I010017			1	☒	ICSA	None
18	6	2	6	1	QC	ICSA1		ID8I010018			1	☒	ICSAB1	None
19	7	2	7	1	QC	ICSAB1		ID8I010019			1	☒	CCV	None
20	8	2	8	1	QC	CCV1		ID8I010020			1	☒	3XIDL	None
21	9	2	9	1	QC	CCB1		ID8I010021			1	☒	unk	
22	10	2	10	1	Unk	H344-06T	10X	ID8I010022			1	☒	unk	
23	11	2	11	1	Unk	H344-07T	10X	ID8I010023			1	☒	unk	
24	12	2	12	1	Unk	H344-08T	10X	ID8I010024			1	☒	unk	
25	13	2	1	2	Unk	H344-11T	10X	ID8I010025			1	☒	CCV	None
26	14	2	2	2	QC	CCV3		ID8I010026			1	☒	3XIDL	None
27	15	2	3	2	QC	CCB3		ID8I010027			1	☒	CCB	None
28	16	2	4	2	QC	IPI023WB		ID8I010028			1	☒	LCS	None
29	17	2	5	2	QC	IPI023WL		ID8I010029			1	☒	LCS	None
30	18	2	6	2	QC	IPI023WC		ID8I010030			1	☒	unk	
31	19	2	7	2	Unk	H363-06A		ID8I010031			1	☒	unk	
32	20	2	8	2	Unk	H363-06		ID8I010032			1	☒	unk	
33	21	2	9	2	Unk	H363-06J		ID8I010033			1	☒	unk	
34	22	2	10	2	Unk	H363-06M		ID8I010034			1	☒	unk	
35	23	2	11	2	Unk	H363-06S		ID8I010035			1	☒	unk	
36	24	2	12	2	Unk	H363-01		ID8I010036			1	☒	unk	
37	25	2	1	3	Unk	H363-02		ID8I010037			1	☒	CCV	None
38	26	2	2	3	QC	CCV4		ID8I010038			1	☒	3XIDL	None
39	27	2	3	3	QC	CCB4		ID8I010039			1	☒		

Sequence Sample List (S_10I6010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table
40	28	2	4	3	Unk	H363-03		ID8I010040			1	☒	unk
41	29	2	5	3	Unk	H363-04		ID8I010041			1	☒	unk
42	30	2	6	3	Unk	H363-05		ID8I010042			1	☒	unk
43	31	2	7	3	Unk	H363-08		ID8I010043			1	☒	unk
44	32	2	8	3	Unk	H363-09		ID8I010044			1	☒	unk
45	33	2	9	3	Unk	H363-10		ID8I010045			1	☒	unk
46	34	2	10	3	Unk	I024-32		ID8I010046			1	☒	unk
47	35	2	11	3	Unk	I037-02		ID8I010047			1	☒	unk
48	36	2	12	3	Unk	I037-03		ID8I010048			1	☒	unk
49	37	2	1	4	Unk	I037-04		ID8I010049			1	☒	CCV
50	38	2	2	4	QC	CCV5		ID8I010050			1	☒	3XIDL
51	39	2	3	4	QC	CCB5		ID8I010051			1	☒	unk
52	40	2	4	4	Unk	I037-05		ID8I010052			1	☒	unk
53	41	2	5	4	Unk	I037-06		ID8I010053			1	☒	unk
54	42	2	6	4	Unk	I037-07		ID8I010054			1	☒	unk
55	43	2	7	4	Unk	I037-08		ID8I010055			1	☒	unk
56	44	2	8	4	Unk	I037-09		ID8I010056			1	☒	unk
57	45	2	9	4	Unk	I037-10		ID8I010057			1	☒	ICSA
58	46	2	10	4	QC	ZZZZZZZ		ID8I010058			1	☒	ICSAB1
59	47	2	11	4	QC	ZZZZZZZ		ID8I010059			1	☒	CCV
60	48	2	12	4	QC	CCV6		ID8I010060			1	☒	3XIDL
61	49	2	1	5	QC	CCB6		ID8I010061			1	☒	CCB
62	50	2	2	5	QC	IPI028WQ		ID8I010062			1	☒	LCS
63	51	2	3	5	QC	IPI028WX		ID8I010063			1	☒	LCS
64	52	2	4	5	QC	IPI028WY		ID8I010064			1	☒	unk
65	53	2	5	5	Unk	I065-01A		ID8I010065			1	☒	unk
66	54	2	6	5	Unk	I065-01W		ID8I010066			1	☒	unk
67	55	2	7	5	Unk	I065-01J		ID8I010067			1	☒	unk
68	56	2	8	5	Unk	I065-01G		ID8I010068			1	☒	unk
69	57	2	9	5	Unk	I065-01H		ID8I010069			1	☒	unk
70	58	2	10	5	Unk	I036-19W		ID8I010070			1	☒	CCV
71	59	2	11	5	QC	CCV7		ID8I010071			1	☒	3XIDL
72	60	2	12	5	QC	CCB7		ID8I010072			1	☒	CCB
73	61	3	1	1	QC	IPI026SB		ID8I010073			1	☒	LCS
74	62	3	2	1	QC	IPI026SL		ID8I010074			1	☒	LCS
75	63	3	3	1	QC	IPI026SC		ID8I010075			1	☒	unk
76	64	3	4	1	Unk	I036-01A	10X	ID8I010076			1	☒	unk
77	65	3	5	1	Unk	I036-01T	10X	ID8I010077			1	☒	unk
78	66	3	6	1	Unk	I036-01J	10X	ID8I010078			1	☒	unk

Sequence Sample List (S_10I6010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
79	67	3	7	1	Unk	I036-01M	10X	ID8I010079			1	☒	unk	---
80	68	3	8	1	Unk	I036-01S	10X	ID8I010080			1	☒	unk	---
81	69	3	9	1	Unk	I036-02T	10X	ID8I010081			1	☒	unk	---
82	70	3	10	1	Unk	I036-03T	10X	ID8I010082			1	☒	unk	---
83	71	3	11	1	QC	CCV8		ID8I010083			1	☒	CCV	None
84	72	3	12	1	QC	CCB8		ID8I010084			1	☒	3XIDL	None
85	73	3	1	2	Unk	I036-04T	10X	ID8I010085			1	☒	unk	---
86	74	3	2	2	Unk	I036-05T	10X	ID8I010086			1	☒	unk	---
87	75	3	3	2	Unk	I036-06T	10X	ID8I010087			1	☒	unk	---
88	76	3	4	2	Unk	I036-07T	10X	ID8I010088			1	☒	unk	---
89	77	3	5	2	Unk	I036-08T	10X	ID8I010089			1	☒	unk	---
90	78	3	6	2	Unk	I036-09T	10X	ID8I010090			1	☒	unk	---
91	79	3	7	2	Unk	I036-10T	10X	ID8I010091			1	☒	unk	---
92	80	3	8	2	Unk	I036-11T	10X	ID8I010092			1	☒	unk	---
93	81	3	9	2	Unk	I036-12T	10X	ID8I010093			1	☒	unk	---
94	82	3	10	2	Unk	I036-13T	10X	ID8I010094			1	☒	unk	---
95	83	3	11	2	QC	CCV9	2m 10%	ID8I010095			1	☒	CCV	None
96	84	3	12	2	QC	CCB9		ID8I010096			1	☒	3XIDL	None
97	85	3	1	3	Unk	I036-14T	10X	ID8I010097			1	☒	unk	---
98	86	3	2	3	Unk	I036-15T	10X	ID8I010098			1	☒	unk	---
99	87	3	3	3	Unk	I036-16T	10X	ID8I010099			1	☒	unk	---
100	88	3	4	3	Unk	I036-17T	10X	ID8I010100			1	☒	unk	---
101	89	3	5	3	Unk	I036-18T	10X	ID8I010101			1	☒	unk	---
102	90	3	6	3	Unk	H636-12K	50X	ID8I010102			1	☒	unk	---
103	91	3	7	3	Unk	H636-14K	50X	ID8I010103			1	☒	unk	---
104	92	3	8	3	Unk	H636-15K	20X	ID8I010104			1	☒	unk	---
105	93	3	9	3	Unk	H636-16K	50X	ID8I010105			1	☒	unk	---
106	94	3	10	3	Unk	H636-19K	50X	ID8I010106			1	☒	unk	---
107	95	3	11	3	QC	CCV10		ID8I010107			1	☒	CCV	None
108	96	3	12	3	QC	CCB10		ID8I010108			1	☒	3XIDL	None
109	97	3	1	4	Unk	H354-05A	10X TOT	ID8I010109			1	☒	unk	---
110	98	3	2	4	Unk	H354-05K	10X TOT	ID8I010110			1	☒	unk	---
111	99	3	3	4	Unk	H354-05J	50X TOT	ID8I010111			1	☒	unk	---
112	100	3	4	4	Unk	H381-04T	5X TOT	ID8I010112			1	☒	unk	---
113	101	3	5	4	Unk	H381-05T	5X TOT	ID8I010113			1	☒	unk	---
114	102	3	6	4	Unk	H381-04T	5X DISS	ID8I010114			1	☒	unk	---
115	103	3	7	4	QC	ICSA2		ID8I010115			1	☒	ICSA	None
116	104	3	8	4	QC	ICSAB2		ID8I010116			1	☒	ICSAB1	None
117	105	3	9	4	QC	CCV11		ID8I010117			1	☒	CCV	None

Sequence Sample List (S_10I6010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table
118	106	3	10	4	QC	CCB11		ID8I010118			1	☒	3XID
119	107	3	11	4	QC	IPI025SQ		ID8I010119			1	☒	CCB
120	108	3	12	4	QC	IPI025SX		ID8I010120			1	☒	LCS
121	109	3	1	5	QC	IPI025SY		ID8I010121			1	☒	LCS
122	110	3	2	5	Unk	H340-23A	10X	ID8I010122			1	☒	unk
123	111	3	3	5	Unk	H340-23I	10X	ID8I010123			1	☒	unk
124	112	3	4	5	Unk	H340-23J	50X	ID8I010124			1	☒	unk
125	113	3	5	5	Unk	H340-24I	10X	ID8I010125			1	☒	unk
126	114	3	6	5	Unk	H340-25I	10X	ID8I010126			1	☒	unk
127	115	3	7	5	Unk	H340-26I	10X	ID8I010127			1	☒	unk
128	116	3	8	5	Unk	H340-27I	10X	ID8I010128			1	☒	unk
129	117	3	9	5	QC	CCV12		ID8I010129			1	☒	feed
130	118	3	10	5	QC	CCB12		ID8I010130			1	☒	feed
131	119	3	11	5	Unk	H340-28I	10X	ID8I010131			1	☒	unk
132	120	3	12	5	Unk	H340-29I	10X	ID8I010132			1	☒	unk
133	121	4	1	1	Unk	H994-05W		ID8I010133			1	☒	unk
134	122	4	2	1	Unk	H994-08T	5X	ID8I010134			1	☒	unk
135	123	4	3	1	QC	CCV13		ID8I010135			1	☒	CCV
136	124	4	4	1	QC	CCB13		ID8I010136			1	☒	3XID
137	125	4	5	1	QC	IPI024SQ		ID8I010137			1	☒	CCB
138	126	4	6	1	QC	IPI024SX	In Ref.	ID8I010138			1	☒	LCS
139	127	4	7	1	QC	IPI024SY		ID8I010139			1	☒	LCS
140	128	4	8	1	Unk	H340-01A	10X	ID8I010140			1	☒	unk
141	129	4	9	1	Unk	H340-01I	10X	ID8I010141			1	☒	unk
142	130	4	10	1	Unk	H340-01J	10X	ID8I010142			1	☒	unk
143	131	4	11	1	Unk	H340-01M	10X	ID8I010143			1	☒	unk
144	132	4	12	1	Unk	H340-01S	10X	ID8I010144			1	☒	unk
145	133	4	1	2	Unk	H340-02I	10X	ID8I010145			1	☒	unk
146	134	4	2	2	Unk	H340-03I	10X	ID8I010146			1	☒	unk
147	135	4	3	2	QC	CCV14		ID8I010147			1	☒	CCV
148	136	4	4	2	QC	CCB14		ID8I010148			1	☒	3XIDL
149	137	4	5	2	Unk	H340-04I	10X	ID8I010149			1	☒	unk
150	138	4	6	2	Unk	H340-05I	10X	ID8I010150			1	☒	unk
151	139	4	7	2	Unk	H340-06I	10X	ID8I010151			1	☒	unk
152	140	4	8	2	Unk	H340-07I	10X	ID8I010152			1	☒	unk
153	141	4	9	2	Unk	H340-08I	10X	ID8I010153			1	☒	unk
154	142	4	10	2	Unk	H340-09I	10X	ID8I010154			1	☒	unk
155	143	4	11	2	Unk	H340-12I	10X	ID8I010155			1	☒	unk
156	144	4	12	2	Unk	H340-13I	10X	ID8I010156			1	☒	unk

Sequence Sample List (S_1016010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table
157	145	4	1	3	Unk	H340-14I	10X	ID8I010157			1	☒	unk
158	146	4	2	3	Unk	H340-15I	10X	ID8I010158			1	☒	unk
159	147	4	3	3	QC	CCV15		ID8I010159			1	☒	CCV
160	148	4	4	3	QC	CCB15		ID8I010160			1	☒	3XIDL
161	149	4	5	3	Unk	H340-16I	10X	ID8I010161			1	☒	unk
162	150	4	6	3	Unk	H340-17I	10X	ID8I010162			1	☒	unk
163	151	4	7	3	Unk	H340-18I	10X	ID8I010163			1	☒	unk
164	152	4	8	3	Unk	H340-19I	10X	ID8I010164			1	☒	unk
165	153	4	9	3	Unk	H340-20I	10X	ID8I010165			1	☒	unk
166	154	4	10	3	Unk	H340-21I	10X	ID8I010166			1	☒	unk
167	155	4	11	3	Unk	H340-22I	10X	ID8I010167			1	☒	unk
168	156	4	12	3	QC	ICSA3		ID8I010168			1	☒	ICSA
169	157	4	1	4	QC	ICSAB3		ID8I010169			1	☒	CSAB1
170	158	4	2	4	QC	CCV16		ID8I010170			1	☒	CCV
171	159	4	3	4	QC	CCB16		ID8I010171			1	☒	3XIDL
172	1	2	1	1	QC	IPI027SB		ID8I010172			1	☒	CCB
173	160	4	4	4	QC	IPI027SL		ID8I010173			1	☒	LCS
174	161	4	5	4	QC	IPI027SC		ID8I010174			1	☒	LCS
175	162	4	6	4	Unk	H637-01A	10X	ID8I010175			1	☒	unk
176	163	4	7	4	Unk	H637-01T	10X	ID8I010176			1	☒	unk
177	164	4	8	4	Unk	H637-01J	50X	ID8I010177			1	☒	unk
178	165	4	9	4	Unk	H637-01M	10X	ID8I010178			1	☒	unk
179	166	4	10	4	Unk	H637-01S	10X	ID8I010179			1	☒	unk
180	167	4	11	4	Unk	H637-02T	10X	ID8I010180			1	☒	unk
181	168	4	12	4	Unk	H637-03T	10X	ID8I010181			1	☒	unk
182	169	4	1	5	QC	CCV17		ID8I010182			1	☒	CCV
183	170	4	2	5	QC	CCB17		ID8I010183			1	☒	3XIDL
184	171	4	3	5	Unk	H637-04T	10X	ID8I010184			1	☒	unk
185	172	4	4	5	Unk	H637-05T	10X	ID8I010185			1	☒	unk
186	173	4	5	5	Unk	H637-06T	10X	ID8I010186			1	☒	unk
187	174	4	6	5	Unk	H637-07T	10X	ID8I010187			1	☒	unk
188	175	4	7	5	Unk	H637-08T	10X	ID8I010188			1	☒	unk
189	176	4	8	5	Unk	H637-09T	10X	ID8I010189			1	☒	unk
190	177	4	9	5	Unk	H637-10T	10X Inactive	ID8I010190			1	☒	unk
191	178	4	10	5	Unk	H637-11T	10X Inactive	ID8I010191			1	☒	unk
192	179	4	11	5	Unk	H637-12T	10X Inactive	ID8I010192			1	☒	unk
193	180	4	12	5	Unk	H637-13T	10X	ID8I010193			1	☒	CCV
194	2	2	2	1	QC	CCV18		ID8I010194			1	☒	3XIDL
195	3	2	3	1	QC	CCB18		ID8I010195					

Sequence Sample List (S_10I6010(v14) #1)

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table
196	4	2	4	1	Unk	H637-14T	10X	ID8I010196			[illegible]	☒	unk
197	5	2	5	1	Unk	H637-15T	10X	ID8I010197			1	☒	[illegible]
198	6	2	6	1	Unk	H637-16T	10X	ID8I010198			1	☒	[illegible]
199	7	2	7	1	Unk	H637-17T	10X	ID8I010199			1	☒	[illegible]
200	8	2	8	1	Unk	H637-18T	10X [illegible]	ID8I010200			1	☒	unk
201	11	2	11	1	Unk	H994-08[illegible]	10X conformation	ID8I010201			1	☒	unk
202	12	2	12	1	Unk	H994-08W	conformation	ID8I010202			1	☒	unk
203	11	2	[illegible]	1	Unk	H994-08K	5X conformation	ID8I010203			1	☒	unk
204	13	2	1	2	Unk	H637-10I	20X	ID8I010204			[illegible]	☒	unk
205	14	2	2	2	Unk	H637-18I	20X	ID8I010205			1	☒	CCV
206	9	2	9	1	QC	CCV19		ID8I010206			1	☒	3XIDL
207	10	2	10	1	QC	CCS19		ID8I010207					

ID8I010 Section 1 of 3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00003	.00002	-.00001	.00026	.00014	.00021	-.00057	.00089	-.00004	-.00085	Blank
2	S20					.91443		2.7955				S20
3	S21					8.8816		26.832				S21
4	S22				.44470						.16190	S22
5	S23				4.3272						1.6758	S23
6	S24						.09040					S24
7	S25						.92367					S25
8	S26	.19915							.97525	.13277		S26
9	S27	6.9795							8.9368	1.2664		S27
10	S28		.00526									S28
11	S29		.05223									S29
12	S30			.00116								S30
13	S31			.00467								S31
14	ICV	107.20	1.5632	1.0466	2.0309	1.5562	2.4921	2.0681	77.839	2.5586	.96279	ICV
15	ICB	.00545	.00854*	.00000	-.00002	.00002	.00083	.00002	-.00601	.00005	.00000	ICB
16	MRLI1001	.22862	.10219	.00972	.01027	.01019	.00964	.01022	1.0364	.01062	.00934	MRLI1001
17	MRLI1002	.22717	.05003	.00978	.00510	.00400	.09308	.00505	.53849	.01017	.00956	MRLI1002
18	ICSA1	395.40	.00037	.00150	.00007	-.00010	-.00985	-.00204	484.23	-.00060	-.00123	ICSA1
19	ICSAB1	393.77	1.0340	1.0612	.52628	.48788	.48227	1.0143	470.86	.47291	.45771	ICSAB1
20	CCV1	109.05	1.5640	1.0562	2.0341	1.5480	2.5195	2.0696	78.907	2.5822	.95679	CCV1
21	CCB1	.00816	.00673*	.00038	-.00009	-.00001	.00086	-.00003	-.01538	-.00020	-.00002	CCB1
22	H344-06T	.02697	.00151	.00120	.00462	-.00006	.14386	-.00020	54.744	.00139	.00537	H344-06T
23	H344-07T	.00760	.00056	.00074	.00835	-.00008	.11350	-.00011	24.333	.00033	-.00006	H344-07T
24	H344-08T	.00252	.00003	-.00220	.00254	-.00009	.08224	-.00012	36.707	.00015	.00032	H344-08T
25	H344-11T	.00160	-.00060	.00292	.00451	-.00008	.08754	-.00016	32.614	.00043	.00255	H344-11T
26	CCV3	108.77	1.5600	1.0583	2.0328	1.5464	2.5156	2.0688	78.710	2.5761	.95933	CCV3
27	CCB3	.00792	.00453	.00061	.00011	.00014	.00079	.00009	.00883	.00010	.00004	CCB3
28	IPI023WB	.01299	.00069	.00116	-.00017	-.00008	.00267	.00001	-.01198	-.00015	.00004	IPI023WB
29	IPI023WL	5.9140	2.6977	.56060	.52398	.53536	.55034	.53934	52.021	.52844	.48784	IPI023WL
30	IPI023WC	6.1922*	2.8178	.57637	.53950	.55174	.57073	.55990	54.795	.54766	.50653	IPI023WC
31	H363-06A	6.2761	2.6997	.69807	.97517	.55819	.97461	.56919	91.858	.55118	.51311	H363-06A
32	H363-06	.00828	.01165	.11021	.44597	.00004	.42463	-.00001	41.014	.00061	.00167	H363-06
33	H363-06J	-.00193	.00292	.02131	.08582	-.00008	.07539	-.00005	7.7629	.00005	.00028	H363-06J
34	H363-06M	5.6237	2.6024	.64355	.91476	.50666	.92784	.51480	85.925	.49762	.46702	H363-06M
35	H363-06S	5.7581	2.6492	.65972	.93533	.51541	.94812	.52692	87.541	.50818	.47609	H363-06S
36	H363-01	.16676	.00818	.05128	.01783	.00006	.36426	.00002	4.6716	.00007	-.00004	H363-01
37	H363-02	.17323	.00175	.05538	.01959	-.00011	.38427	-.00004	5.1408	-.00004	-.00007	H363-02
38	CCV4	107.75	1.5570	1.0594	2.0502	1.5449	2.5171	2.0656	78.174	2.5818	.95816	CCV4
39	CCB4	.00834	.00519	.00058	.00019	.00011	.00084	.00006	.00342	.00008	.00008	CCB4
40	H363-03	.01485	.00364	.07333	.49916	.00052	.20324	.00050	41.060	.00076	.00042	H363-03
41	H363-04	.00243	-.00065	.01850	.87008	-.00006	.08230	-.00011	82.470	.00018	-.00032	H363-04
42	H363-05	.00346	-.00079	.02683	.77811	-.00007	.08021	-.00010	75.285	.00013	-.00025	H363-05
43	H363-08	.00613	-.00140	.00842	.30899	-.00010	.10264	-.00004	54.496	.00011	.00097	H363-08
44	H363-09	.00837	-.00107	.12540	.39912	-.00004	.24869	-.00002	33.271	.00012	.00196	H363-09
45	H363-10	.01678	-.00062	.07076	.07313	-.00008	.63105	-.00010	13.544	.00001	.00078	H363-10
46	I024-32	2.1995	.20003	.00666	.29571	-.00001	.37680	.07588	103.48	.04595	.01108	I024-32
47	I037-02	.02067	-.00093	.00321	.07098	-.00009	.06001	-.00004	61.404	.01102	-.00034	I037-02
48	I037-03	.01630	-.00097	.00589	.07127	-.00010	.05477	.00000	57.894	.00618	-.00031	I037-03
49	I037-04	.01734	-.00215	.00282	.11074	-.00008	.05167	-.00006	81.998	.00465	-.00026	I037-04
50	CCV5	107.29	1.5545	1.0602	2.0616	1.5437	2.5208	2.0657	78.307	2.5835	.95942	CCV5
51	CCB5	.00318	.00416	.00051	-.00013	.00005	.00031	.00004	-.00318	.00009	.00002	CCB5
52	I037-05	.02442	.00000	.00333	.08247	.00001	.06652	.00004	63.831	.00894	-.00019	I037-05
53	I037-06	.01848	-.00134	.00270	.09806	-.00006	.05264	-.00002	72.187	.00384	-.00028	I037-06
54	I037-07	.02729	-.00146	.00347	.08492	-.00011	.05367	-.00003	52.238	.00498	-.00022	I037-07

55	I037-08	.02002	-.00206	.00405	.07967	-.00008	.07015	-.00002	63.008	.02981	-.00038	I037-08
56	I037-09	.01810	-.00157	.00213	.09775	-.00009	.05305	-.00004	66.858	.00845	-.00023	I037-09
57	I037-10	.00355	-.00209	.00199	.09251	-.00008	.05258	-.00007	65.627	.00684	-.00028	I037-10
58	ZZZZZZZ	107.60	1.5564	1.0711	2.0727	1.5301	2.5492	2.0675	78.876	2.6018	.95476	ZZZZZZZ
59	ZZZZZZZ	.00815	.00374	.00088	.00008	.00009	.00054	.00010	.00137	.00015	.00005	ZZZZZZZ
60	CCV6	106.48	1.5577	1.0725	2.0981	1.5353	2.5435	2.0669	78.018	2.5948	.95784	CCV6
61	CCB6	.00088	.00431	.00004	-.00010	-.00004	.00072	.00004	-.00588	.00006	-.00007	CCB6
62	IPI028WQ	.00252	-.00305	.00015	.00224*	.00041	.00002	.00012	.00106	-.00005	.00009	IPI028WQ
63	IPI028WX	5.6437	2.7086	.54723	.50749	.49364	.56013	.51310	51.563	.50474	.46298	IPI028WX
64	IPI028WY	5.6339	2.6606	.54251	.50792	.49398	.54191	.51631	51.496	.50526	.46603	IPI028WY
65	I065-01A	6.0101	2.7162	.60759	.53235	.49823	.84560	.53848	277.80	.51006	.48613	I065-01A
66	I065-01W	.02763	.01110	.00982	.00496	-.00001	.33022	-.00015	241.37	.00108	.00120	I065-01W
67	I065-01J	-.00168	.00327	.00130	.00087	-.00008	.06280	-.00015	50.218	.00023	.00019	I065-01J
68	I065-01G	6.1561	2.8784	.60218	.53142	.49657	.88727	.54112	288.51	.51615	.48966	I065-01G
69	I065-01H	6.1304	2.8893	.60225	.53468	.50462	.89206	.54542	288.37	.51871	.49607	I065-01H
70	I036-19W	.00003	.01177	.00103	.00032	.00007	.00081	.00001	.12700	.00015	.00010	I036-19W
71	CCV7	107.09	1.5635	1.0703	2.1081	1.5157	2.5456	2.0706	77.439	2.5787	.95940	CCV7
72	CCB7	-.00025	.00590*	.00035	-.00008	-.00001	.00110	-.00001	-.00436	-.00012	.00002	CCB7
73	IPI026SB	.01783	.00120	.00119	.00038	-.00005	.00006	-.00001	.06446	-.00002	.00001	IPI026SB
74	IPI026SL	5.2806	2.4752	.51534	.50947	.48532	.47425	.52401	50.885	.50473	.48104	IPI026SL
75	IPI026SC	5.3913	2.5501	.52633	.52094	.49426	.47888	.53803	52.041	.51552	.49357	IPI026SC
76	I036-01A	5.9304	2.6184	.55822	.54201	.50905	.51950	.59563	78.386	.52530	.49120	I036-01A
77	I036-01T	.19512	.01489	.00411	.01233	.00003	.00017	.05346	26.304	.00315	.00096	I036-01T
78	I036-01J	.04945	.00312	.00043	.00250	-.00008	-.00055	.01042	5.3566	.00047	.00015	I036-01J
79	I036-01M	.78756	.25330	.05628	.06551	.05153	.04909	.11400	33.292	.05601	.04966	I036-01M
80	I036-01S	.77788	.25314	.05566	.06534	.05098	.04876	.10947	34.464	.05490	.04924	I036-01S
81	I036-02T	.25065	.00313	.00413	.00315	.00001	-.00048	.03245	31.712	.00297	.00038	I036-02T
82	I036-03T	.23174	.00171	.00675	.00726	.00005	-.00065	.04703	30.702	.00420	.00082	I036-03T
83	CCV8	107.27	1.5603	1.0743	2.1127	1.5118	2.5557	2.0719	77.734	2.5982	.95768	CCV8
84	CCB8	-.00129	.00467	-.00053	-.00024	-.00005	.00071	-.00001	-.00555	.00002	-.00004	CCB8
85	I036-04T	.25083	.00280	.00380	.00375	-.00001	.00002	.04696	33.452	.00329	.00136	I036-04T
86	I036-05T	.54471	.00079	.00351	.00534	.00001	-.00053	.02734	22.219	.00297	.00056	I036-05T
87	I036-06T	.83521	.00131	.00324	.00975	.00003	-.00057	.04392	26.067	.00334	.00132	I036-06T
88	I036-07T	.48651	.00036	.00298	.00854	.00000	-.00065	.02271	23.706	.00282	.00043	I036-07T
89	I036-08T	.24565	.00037	.00358	.00152	-.00004	-.00070	.03262	32.068	.00312	.00048	I036-08T
90	I036-09T	.16575	.00307	.00413	.01364	.00001	-.00088	.05700	32.148	.00288	.00085	I036-09T
91	I036-10T	.17688	-.00063	.00257	.00190	-.00005	-.00090	.02395	16.089	.00151	.00039	I036-10T
92	I036-11T	.17793	-.00016	.00454	.00345	-.00001	-.00092	.05129	41.429	.00287	.00071	I036-11T
93	I036-12T	.21895	.00166	.00391	.00257	.00000	-.00092	.07881	27.252	.00297	.00061	I036-12T
94	I036-13T	.22264	.00006	.00333	.00313	-.00001	-.00102	.04586	21.127	.00240	.00078	I036-13T
95	CCV9	107.32	1.5552	1.0690	2.1003	1.5108	2.5281	2.0726	79.374	2.5816	.95908	CCV9
96	CCB9	.00883	.00396	-.00033	.00033	.00025*	.00097	.00005	.00332	.00015	.00001	CCB9
97	I036-14T	.24548	.00221	.00271	.00261	.00007	-.00008	.05373	20.838	.00274	.00077	I036-14T
98	I036-15T	.31257	.00093	.00336	.00198	-.00001	-.00045	.05925	26.525	.00361	.00067	I036-15T
99	I036-16T	.24439	.00365	.00452	.00806	.00003	.00014	.08233	37.209	.00368	.00128	I036-16T
100	I036-17T	.16283	.00025	.00358	.00171	-.00001	-.00083	.03231	17.801	.00183	.00063	I036-17T
101	I036-18T	.25149	.00102	.00295	.00344	.00001	-.00054	.08612	36.742	.00338	.00064	I036-18T
102	H636-12K	.46127	.00166	.00278	.00626	.00013	-.00010	.03955	3.2686	.00192	.00376	H636-12K
103	H636-14K	.32095	.00072	.00326	.00511	.00007	-.00024	.03096	4.0195	.00188	.00213	H636-14K
104	H636-15K	.47497	.00264	.00453	.00629	.00013	.00031	.05022	25.122	.00289	.00338	H636-15K
105	H636-16K	.37164	.00124	.00283	.00627	.00003	-.00012	.02948	4.0709	.00175	.00220	H636-16K
106	H636-19K	.40787	.00230	.00273	.00536	.00008	-.00015	.03624	3.1690	.00176	.00365	H636-19K
107	CCV10	106.42	1.5540	1.0696	2.1060	1.5244	2.5484	2.0699	77.766	2.6010	.95964	CCV10
108	CCB10	.00638	.00380	-.00050	.00010	.00012	.00051	.00009	-.01489	.00003	.00002	CCB10
109	H354-05A	6.2310	2.7983	.62580	.58912	.54367	1.1497	.58786	94.764	.56647	.52792	H354-05A
110	H354-05K	.00311	.00422	-.00059	.02163	.00001	.58515	-.00005	42.231	.00007	-.00014	H354-05K
111	H354-05J	-.00276	.00011	-.00023	.00432	-.00008	.11301	-.00009	8.5256	-.00012	-.00003	H354-05J

112	H381-04T	.00143	-.00189	.00054	.36806	-.00006	1.4645	-.00011	147.35	.00146	-.00029	H381-04T
113	H381-05T	.00091	-.00184	-.00205	.36235	-.00008	1.4456	-.00019	144.47	.00138	-.00021	H381-05T
114	H381-04T	.00067	-.00140	-.00082	.36740	-.00010	1.4551	-.00016	146.29	.00158	-.00011	H381-04T
115	ICSA2	424.14	-.00058	-.00142	.00006	-.00009	-.00326	-.00114	514.04	-.00065	-.00140	ICSA2
116	ICSAB2	404.03	1.0502	1.1008	.55634	.48035	.50343	1.0367	481.14	.48402	.46496	ICSAB2
117	CCV11	107.72	1.5581	1.0801	2.1255	1.4934	2.5525	2.0769	77.467	2.5833	.96073	CCV11
118	CCB11	.00657	.00480	-.00023	.00000	.00011	.00142	.00005	-.01320	.00002	.00001	CCB11
119	IPI025SQ	.01266	-.00248	.00198	.00082	.00003	.00100	.00005	.01272	-.00001	.00015	IPI025SQ
120	IPI025SX	5.1747	2.4247	.51346	.51009	.47709	.46430	.52350	51.052	.50597	.47964	IPI025SX
121	IPI025SY	5.3506	2.4747	.50926	.50593	.48298	.46846	.52570	51.416	.50628	.48185	IPI025SY
122	H340-23A	6.0787	2.5955	.56935	.54684	.53360	.51201	.57429	62.850	.54666	.50650	H340-23A
123	H340-23I	.18696	.00741	.00216	.00172	.00002	-.00012	.01769	11.431	.00155	.00033	H340-23I
124	H340-23J	.03425	.00180	.00004	.00027	-.00007	-.00076	.00349	2.3081	.00023	.00001	H340-23J
125	H340-24I	.25305	.00078	.00295	.00178	-.00003	-.00034	.02435	21.029	.00233	.00041	H340-24I
126	H340-25I	.33076	.00104	.00448	.00297	-.00001	-.00023	.03379	30.512	.00463	.00058	H340-25I
127	H340-26I	.64747	.00515	.00632	.00901	.00009	.00061	.08643	8.5285	.00393	.00473	H340-26I
128	H340-27I	.35133	.00044	.00422	.00360	.00001	-.00038	.03858	19.509	.00355	.00091	H340-27I
129	CCV12	107.20	1.5600	1.0808	2.1266	1.4985	2.5577	2.0773	77.687	2.5965	.95938	CCV12
130	CCB12	.00549	.00510	-.00011	.00001	.00009	.00090	.00008	-.01994	.00004	.00002	CCB12
131	H340-28I	.31696	.00095	.00266	.00306	.00004	.00040	.01472	11.258	.00235	.00054	H340-28I
132	H340-29I	.20379	-.00003	.00205	.00204	-.00001	-.00018	.01881	15.827	.00187	.00051	H340-29I
133	H994-05W	.01419	-.00138	-.00035	.00482	-.00006	.00856	.00037	.21563	.00146	.00052	H994-05W
134	H994-08T	.02939	-.00595	-.00126	.00402	-.00034	-.00136	-.00035	.70485	.00027	-.00342	H994-08T
135	CCV13	107.45	1.5546	1.0837	2.1389	1.4907	2.5636	2.0763	77.334	2.5972	.95940	CCV13
136	CCB13	.00162	.00482	.00097	-.00002	.00004	.00111	.00000	-.02058	-.00005	.00009	CCB13
137	IPI024SQ	.01915	-.00136	.00135	.00007	.00004	.00182	.00006	-.00611	-.00011	.00007	IPI024SQ
138	IPI024SX	5.2134	2.4469	.52630	.52406	.48572	.46851	.53319	51.096	.51555	.48917	IPI024SX
139	IPI024SY	5.1282	2.4417	.51535	.51482	.47919	.46917	.52426	50.376	.50628	.48072	IPI024SY
140	H340-01A	5.9342	2.5947	.57486	.55589	.51948	.51825	.59115	61.274	.54284	.50335	H340-01A
141	H340-01I	.13573	.00883	.00263	.00127	.00003	.00008	.03556	10.572	.00145	.00041	H340-01I
142	H340-01J	.01998	.00144	.00096	-.00002	-.00008	-.00077	.00704	2.1248	.00017	.00011	H340-01J
143	H340-01M	.70095	.24477	.05608	.05481	.04948	.04781	.07105	12.801	.05357	.04800	H340-01M
144	H340-01S	.70308	.24961	.05395	.05394	.04879	.04884	.07275	16.375	.05350	.04721	H340-01S
145	H340-02I	.28077	.00220	.00402	.00234	-.00001	-.00061	.03085	4.6204	.00181	.00085	H340-02I
146	H340-03I	.26000	.00094	.00401	.00192	.00000	-.00043	.03005	10.975	.00220	.00083	H340-03I
147	CCV14	106.26	1.5472	1.0760	2.1264	1.5163	2.5506	2.0692	77.505	2.6024	.95878	CCV14
148	CCB14	.00200	.00469	-.00029	.00002	.00001	.00072	.00001	-.02366	-.00007	.00001	CCB14
149	H340-04I	.32069	.00200	.00432	.00254	.00004	.00038	.02775	9.1803	.00236	.00094	H340-04I
150	H340-05I	.19634	.00118	.00401	.00162	.00000	-.00020	.03645	8.2074	.00169	.00067	H340-05I
151	H340-06I	.21707	-.00042	.00417	.00142	.00002	-.00048	.02044	11.446	.00284	.00038	H340-06I
152	H340-07I	.26793	.00115	.00417	.00212	.00003	-.00053	.05449	3.8185	.00190	.00107	H340-07I
153	H340-08I	.23042	-.00067	.00186	.00471	-.00004	-.00071	.01451	2.3530	.00144	.00065	H340-08I
154	H340-09I	.14398	.00009	.00308	.00143	-.00002	-.00066	.05177	13.880	.00162	.00039	H340-09I
155	H340-12I	.11575	-.00025	.00258	.00119	-.00007	-.00080	.03816	12.020	.00184	.00031	H340-12I
156	H340-13I	.16404	-.00047	.00360	.00126	-.00005	-.00112	.02923	10.429	.00161	.00040	H340-13I
157	H340-14I	.11542	.00042	.00402	.00115	-.00004	-.00101	.03858	15.073	.00217	.00021	H340-14I
158	H340-15I	.14797	-.00046	.00152	.00135	-.00006	-.00086	.02507	11.954	.00174	.00031	H340-15I
159	CCV15	106.21	1.5565	1.0959	2.1714	1.4942	2.5864	2.0758	77.566	2.6189	.95821	CCV15
160	CCB15	.00576	.00405	-.00101	.00002	.00012	.00103	.00004	-.02074	.00004	-.00001	CCB15
161	H340-16I	.20544	.00158	.00311	.00200	.00005	.00020	.03177	10.113	.00240	.00040	H340-16I
162	H340-17I	.23199	.00119	.00349	.00179	-.00001	.00000	.04707	20.383	.00217	.00046	H340-17I
163	H340-18I	.15079	.00014	.00243	.00138	-.00005	-.00062	.02691	8.1732	.00165	.00027	H340-18I
164	H340-19I	.19802	.00130	.00341	.00156	-.00002	-.00091	.04055	14.894	.00274	.00047	H340-19I
165	H340-20I	.12597	.00010	.00395	.00119	-.00005	-.00068	.04048	16.906	.00242	.00024	H340-20I
166	H340-21I	.12706	.00008	.00467	.00135	-.00005	-.00078	.04716	8.3888	.00163	.00038	H340-21I
167	H340-22I	.43936	.00019	.00333	.00158	.00000	.00038	.04010	9.0390	.00302	.00357	H340-22I
168	ICSA3	392.19	-.00069	.00016	.00002	-.00012	-.00181	-.00121	483.69	-.00052	-.00110	ICSA3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
169	ICSAB3	392.03	1.0364	1.0972	.55122	.48325	.50489	1.0187	477.64	.48779	.45796	ICSAB3
170	CCV16	105.48	1.5527	1.0870	2.1437	1.5123	2.5700	2.0660	77.720	2.6161	.95591	CCV16
171	CCB16	.00099	.00492	.00036	-.00021	-.00005	.00069	.00005	-.02507	.00002	-.00001	CCB16
172	IPI027SB	.01572	-.00176	.00088	.00013	.00004	.00081	.00008	.06406	-.00001	.00002	IPI027SB
173	IPI027SL	5.3296	2.4816	.53901	.53508	.49344	.47958	.54197	52.164	.52926	.49573	IPI027SL
174	IPI027SC	5.2404	2.4744	.53199	.52992	.48718	.47810	.53565	51.511	.52098	.48985	IPI027SC
175	H637-01A	5.8513	2.4314	.53689	.51580	.46847	.49036	.65488	74.093	.49962	.45609	H637-01A
176	H637-01T	.64825	.01375	.00942	.00971	.00030	.00158	.16115	26.599	.00587	.00294	H637-01T
177	H637-01J	.13048	.00329	.00248	.00217	-.00002	-.00038	.03260	5.5018	.00088	.00059	H637-01J
178	H637-01M	1.1864	.23999	.06397	.06276	.05146	.05124	.18623	20.251	.05978	.05131	H637-01M
179	H637-01S	1.2009	.24254	.06439	.06238	.05123	.05153	.22964	37.671	.05981	.05155	H637-01S
180	H637-02T	.72216	.00249	.00613	.01086	.00009	.00089	.05478	24.190	.00506	.00142	H637-02T
181	H637-03T	.40272	.00025	.00345	.00161	-.00002	-.00030	.01793	14.359	.00257	.00117	H637-03T
182	CCV17	105.18	1.5550	1.0959	2.1593	1.5048	2.5900	2.0699	77.825	2.6332	.95485	CCV17
183	CCB17	.00431	.00512	-.00012	.00006	.00009	.00095	.00013	-.02277	.00007	-.00004	CCB17
184	H637-04T	.26473	.00200	.00240	.00263	.00008	.00095	.03345	9.8661	.00259	.00115	H637-04T
185	H637-05T	1.2087	.00422	.00760	.01760	.00023	.00126	.08011	20.481	.00678	.00544	H637-05T
186	H637-06T	.86513	.00129	.00849	.01185	.00027	.00277	.03521	21.610	.00739	.00281	H637-06T
187	H637-07T	1.2152	.00106	.00806	.01504	.00027	.00247	.05701	23.390	.01087	.00415	H637-07T
188	H637-08T	2.3802	.00184	.00371	.03494	.00021	.00334	.03645	10.242	.00548	.01818	H637-08T
189	H637-09T	.55076	.00192	.00800	.01136	.00021	.00046	.12325	18.576	.00464	.00246	H637-09T
190	H637-10T	.54885	.00792	.00760	.01301	.00015	-.00063	.21083	47.357	.00684	.00338	H637-10T
191	H637-11T	.19820	.00013	.00379	.00300	-.00001	-.00068	.05778	24.163	.00273	.00090	H637-11T
192	H637-12T	.23851	.00117	.00468	.00609	-.00001	-.00080	.08912	36.019	.00375	.00212	H637-12T
193	H637-13T	.18209	-.00022	.00230	.00285	-.00002	-.00071	.04337	22.796	.00314	.00087	H637-13T
194	CCV18	105.16	1.5378	1.0798	2.1192	1.4903	2.5585	2.0400	77.184	2.6070	.94238	CCV18
195	CCB18	.00177	.00384	.0000B	-.00020	.00002	.00047	.00007	-.02669	.00002	.00002	CCB18
196	H637-14T	.74119	.00393	.00606	.01031	.00013	.00032	.09335	29.163	.00522	.00213	H637-14T
197	H637-15T	.32311	.00290	.00526	.00802	.00006	.00029	.13299	44.323	.00551	.00478	H637-15T
198	H637-16T	.19381	.00056	.00364	.00437	.00001	-.00014	.06961	32.714	.00400	.00132	H637-16T
199	H637-17T	.28993	.00161	.00452	.00627	.00001	-.00060	.08042	16.851	.00386	.00131	H637-17T
200	H637-18T	.55878	.00772	.00747	.01191	.00015	-.00069	.20579	46.369	.00678	.00349	H637-18T
201	H994-08I	.01169	-.00499	-.00002	.00192	-.00020	-.00132	-.00017	.36286	.00014	-.00161	H994-08I
202	H994-08W	.17557	-.02995	-.01098*	.02375	-.00146	-.00130	-.00150	3.9940	.00213	-.02331*	H994-08W
203	H994-08K	.02945	-.00722	-.00161	.00394	-.00032	-.00151	-.00035	.73031	.00012	-.00342	H994-08K
204	H637-10I	.27702	.00341	.00418	.00625	.00003	-.00088	.10288	23.769	.00327	.00172	H637-10I
205	H637-18I	.27075	.00330	.00315	.00580	.00001	-.00094	.09971	22.668	.00330	.00165	H637-18I
206	CCV19	104.90	1.5355	1.0793	2.1323	1.4827	2.5600	2.0464	77.343	2.6111	.94126	CCV19
207	CCB19	.00706	.00387	.00039	.00015	.00014	.00088	.00006	-.02154	.00006	.00000	CCB19

ID8I010 Section 1 of 3

ID8I010 Section 2 of 3

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00077	.00001	.00010	-.00005	-.00001	.00005	.00016	-.00054	-.00039	.00001	Blank
2	S20			.20326			.10851					S20
3	S21			1.9935			1.0650					S21
4	S22	.26991	.04959									S22
5	S23	2.6385	1.9334									S23
6	S24							.69513				S24
7	S25							6.9569				S25
8	S26								.77284	.23982		S26
9	S27								7.1832	2.3621		S27
10	S28					.12041						S28
11	S29					.49660						S29
12	S30				.02143						.00136	S30
13	S31				.10467						.00540	S31
14	ICV	2.5252	24.629	2.4197	.53203	58.940	2.3756	2.5413	2.5676	62.929	1.0605	ICV
15	ICB	.00023	.00180	-.00021	-.00009	.01025	-.00002	.00058	-.00011	.03455	-.00027	ICB
16	MRLI1001	.01044	.21851	.01021	.01088	.95172	.01036	.01027	.01045	.97987	.01000	MRLI1001
17	MRLI1002	.01013	.10312	.00275	.09928	.20145	.00511	.00973	.01037	.99511	.00959	MRLI1002
18	ICSA1	.00037	186.05	-.00151	.00233	187.87	.00593	-.00289	-.00134	-.05004	-.00179	ICSA1
19	ICSAB1	.51138	184.28	.91017	1.1060	184.72	.45200	1.0098	.98495	81.727	1.0685	ICSAB1
20	CCV1	2.5783	25.330	2.4288	.53508	59.450	2.4088	2.5485	2.5754	62.265	1.0660	CCV1
21	CCB1	.00012	.00097	-.00021	.00025	.00985	-.00001	.00073	-.00028	.05122	.00060	CCB1
22	H344-06T	.00145	6.1147	.00117	.01292	70.565	2.0674	.00314	.01111	4.3003	.00395	H344-06T
23	H344-07T	.00040	.15579	.00097	.01037	68.944	4.2533	-.00008	.00017	.70071	.00190	H344-07T
24	H344-08T	.00074	.16870	.00007	.01508	137.97	1.1633	.02465	.00036	1.4510	.00188	H344-08T
25	H344-11T	.00083	1.6861	.00069	.01122	79.691	4.5396	.00295	.00167	.75194	.00103	H344-11T
26	CCV3	2.5745	25.147	2.4218	.53689	59.160	2.3967	2.5463	2.5679	62.144	1.0652	CCV3
27	CCB3	.00029	.00421	.00030	.00068	.01528	.00031	.00073	.00002	.05732	-.00116	CCB3
28	IPI023WB	-.00003	.00008	-.00005	.00032	.01546	-.00020	.00000	-.00002	.03039	-.00050	IPI023WB
29	IPI023WL	.53141	5.3454	.51365	.00074*	47.576	.50622	.51271	.51789	52.373	.57085	IPI023WL
30	IPI023WC	.55717	5.6078	.53326	.00058*	49.997	.52554	.53903	.53947	53.764	.58587	IPI023WC
31	H363-06A	.56642	6.3817	.53440	.01608	93.668	1.5922	.53852	.52285	74.700	.58916	H363-06A
32	H363-06	.00065	.81098	.00306	.01502	45.876	1.1085	.00304	.00392	22.030	.00011	H363-06
33	H363-06J	-.00002	.14936	.00042	.00308	8.7367	.21430	.00043	.00055	4.1897	.00008	H363-06J
34	H363-06M	.50327	5.6990	.48551	.01570	88.964	1.4982	.50407	.49327	72.631	.53866	H363-06M
35	H363-06S	.51951	5.8647	.49842	.01546	89.803	1.5320	.51209	.50530	73.451	.55592	H363-06S
36	H363-01	.00128	.00025	.00194	.00186	2.6317	.00541	.01605	.00167	14.073	.00000	H363-01
37	H363-02	.00116	-.00117	.00159	.00188	2.9834	.00489	.01615	.00186	14.559	-.00009	H363-02
38	CCV4	2.5435	24.843	2.4188	.53744	58.773	2.3840	2.5415	2.5621	63.586	1.0683	CCV4
39	CCB4	.00036	.00196	.00019	.00004	.01692	.00027	.00076	.00013	.05321	-.00027	CCB4
40	H363-03	.00141	.65254	.00391	.02407	25.098	.06616	.00060	.00120	13.861	.00029	H363-03
41	H363-04	.00061	2.9736	.00336	.02794	33.750	.05622	.00023	.00042	11.715	-.00088	H363-04
42	H363-05	.00058	3.2162	.00361	.02900	36.564	.05987	-.00014	.00025	13.781	-.00040	H363-05
43	H363-08	.00080	.08824	.00334	.01621	33.275	.74207	.00367	.00221	16.822	.00016	H363-08
44	H363-09	.00049	.05327	.00268	.03394	28.567	.16099	.00028	.00144	16.588	-.00011	H363-09
45	H363-10	.00081	.04141	.00080	.01902	5.8248	.16481	.00604	.00341	12.689	-.00030	H363-10
46	I024-32	.85041	3.5397	.96968	.05132	458.26	.19986	.00850	.03862	35.688	.00258	I024-32
47	I037-02	.02567	.01154	.00830	.02963	11.438	.00008	.00387	.01010	2.2158	.00041	I037-02
48	I037-03	.00049	.01360	.00374	.04206	10.346	.00047	.00249	-.00013	2.3218	.00079	I037-03
49	I037-04	.00222	.06557	.00378	.02713	15.378	.00010	.00202	-.00011	2.4259	.00078	I037-04
50	CCV5	2.5397	24.709	2.4181	.54139	58.745	2.3867	2.5443	2.5564	63.932	1.0664	CCV5
51	CCB5	.00010	.00044	.00021	-.00004	.01261	.00013	.00079	-.00015	.03386	-.00073	CCB5
52	I037-05	.00233	.02348	.00345	.02507	11.799	.00122	.00396	.00375	1.9164	.00031	I037-05
53	I037-06	.00064	.21739	.00381	.02324	12.727	.00050	.00268	.00072	2.4312	.00081	I037-06
54	I037-07	.11131	.03199	.01069	.02804	10.197	.00039	.00248	.00921	1.9648	.00053	I037-07

55	I037-08	.00097	.41522	.00304	.02662	11.385	.00277	.11398	.00006	1.9812	.00107	I037-08
56	I037-09	.00354	.00454	.00527	.02810	12.228	.00032	.00266	-.00016	2.2626	-.00064	I037-09
57	I037-10	.00053	.00996	.00388	.02655	10.793	.00019	.00246	.00002	2.4670	.00077	I037-10
58	ZZZZZZZ	2.5911	25.188	2.4247	.54759	58.755	2.4166	2.5613	2.5649	63.438	1.0750	ZZZZZZZ
59	ZZZZZZZ	.00028	.00281	-.00008	.00000	.01359	.00011	.00091*	-.00010	.03594	-.00006	ZZZZZZZ
60	CCV6	2.5585	24.689	2.4231	.54669	58.340	2.4098	2.5592	2.5633	65.387	1.0778	CCV6
61	CCB6	.00025	.00212	-.00007	.00029	.00508	-.00011	.00092*	.00002	.03267	-.00103	CCB6
62	IPI028WQ	.00051	-.00076	.00025	-.00067	.03187	.00065	-.00004	.00031	.03141	-.00040	IPI028WQ
63	IPI028WX	.51185	5.0676	.49041	.00044*	46.622	.48305	.51975	.49306	53.077	.55380	IPI028WX
64	IPI028WY	.51468	5.1220	.49321	-.00020*	46.486	.48419	.51842	.49764	52.661	.54418	IPI028WY
65	I065-01A	.56498	18.469	.49695	.04491	162.46	3.6237	.52220	.49151	70.976	.60573	I065-01A
66	I065-01W	.00167	14.264	.00751	.04511	121.27	3.2927	-.00043	.00205	13.933	.00395	I065-01W
67	I065-01J	.00089	2.8984	.00121	.00838	23.865	.66382	-.00011	.00019	2.5802	.00037	I065-01J
68	I065-01G	.56071	19.064	.50337	.04291	168.69	3.7006	.55583	.51743	71.762	.26733	I065-01G
69	I065-01H	.54950	18.660	.50457	.04405	169.82	3.6797	.55656	.51945	74.243	.26717	I065-01H
70	I036-19W	.00026	.00855	.00059	.00048	.07533	.00137	.00021	.00015	.22459	-.00005	I036-19W
71	CCV7	2.5948	24.727	2.4348	.55376*	57.220	2.3918	2.5787	2.5784	64.950	1.0820	CCV7
72	CCB7	.00014	.00245	-.00001	.00050	.01222	-.00013	.00093*	-.00009	.09316	-.00052	CCB7
73	IPI026SB	.00028	.00110	.00002	.00048	.00508	.00006	.00018	.00023	.05338	.00002	IPI026SB
74	IPI026SL	.50729	5.0060	.49255	.00027*	45.293	.47895	.53487	.50993	52.022	.51035	IPI026SL
75	IPI026SC	.52295	5.1484	.50374	-.00008*	46.297	.48845	.55259	.52412	52.654	.51943	IPI026SC
76	I036-01A	.57720	9.9196	.76025	.00022	58.735	.59801	.53165	.50739	53.765	.54705	I036-01A
77	I036-01T	.03819	4.7651	.25284	.00017	11.907	.10598	-.00208	.00583	.14192	-.00010	I036-01T
78	I036-01J	.00789	.97466	.05120	.00029	2.4568	.02137	-.00053	.00102	.05300	.00029	I036-01J
79	I036-01M	.08831	5.0661	.29748	.00022	17.533	.16232	.04892	.05724	5.3952	.05323	I036-01M
80	I036-01S	.09185	5.1806	.31057	-.00037	18.175	.17448	.04822	.05931	5.4343	.05160	I036-01S
81	I036-02T	.05173	3.6863	.57994	.00016	14.380	.12147	-.00080	.00526	.12398	.00086	I036-02T
82	I036-03T	.15164	5.5238	.88564	-.00009	13.969	.12192	-.00099	.00707	.20169	.00143	I036-03T
83	CCV8	2.6039	25.007	2.4356	.55356*	57.320	2.3915	2.5789	2.5775	65.165	1.0887	CCV8
84	CCB8	.00027	.00126	-.00024	.00029	.00156	-.00013	.00088	-.00007	.03451	-.00011	CCB8
85	I036-04T	.06368	6.2973	.73561	-.00009	15.076	.15483	-.00089	.00473	.12606	.00085	I036-04T
86	I036-05T	.04222	3.8077	.41850	.00073	10.166	.09098	-.00085	.00433	.13211	.00002	I036-05T
87	I036-06T	.14257	4.5896	.70063	.00061	11.776	.11633	-.00120	.00657	.13236	-.00003	I036-06T
88	I036-07T	.05672	3.4293	.49430	.00032	10.878	.09137	-.00074	.00445	.12228	-.00081	I036-07T
89	I036-08T	.06371	4.1104	.55198	.00047	14.494	.12158	-.00106	.00473	.13302	-.00090	I036-08T
90	I036-09T	.05854	5.2520	.37811	.00016	14.655	.12425	-.00256	.00587	.09303	-.00011	I036-09T
91	I036-10T	.02530	2.9285	.70821	.00004	5.8676	.07139	-.00070	.00391	.10627	-.00031	I036-10T
92	I036-11T	.05206	4.0530	1.4882	-.00005	6.7967	.08743	-.00066	.00647	.14597	.00035	I036-11T
93	I036-12T	.05020	3.6066	1.2459	.00031	6.8961	.07716	-.00111	.00577	.16198	-.00035	I036-12T
94	I036-13T	.04017	3.9780	.82629	-.00043	4.3947	.06299	-.00064	.00603	.14494	-.00012	I036-13T
95	CCV9	2.5967	24.975	2.4356	.55200*	57.192	2.3726	2.5767	2.5845	64.444	1.0837	CCV9
96	CCB9	.00048	.00400	-.00008	-.00070	.01794	.00033	.00100*	.00009	.02613	-.00103	CCB9
97	I036-14T	.03845	3.1323	.89837	-.00004	4.8504	.06541	-.00081	.00587	.15925	-.00004	I036-14T
98	I036-15T	.04049	3.6477	1.0795	.00039	8.6039	.08335	-.00099	.00626	.13943	.00103	I036-15T
99	I036-16T	.13174	7.0297	3.5996	.00012	7.6663	.12882	-.00165	.01118	.20690	.00137	I036-16T
100	I036-17T	.04944	2.3742	.82416	-.00035	3.8846	.05038	-.00073	.00465	.12532	-.00024	I036-17T
101	I036-18T	.05173	3.9184	1.1061	.00008	10.342	.10612	-.00114	.00634	.17154	-.00025	I036-18T
102	H636-12K	.04371	5.1079	1.3007	.00035	.62253	.06678	-.00159	.02369	.18012	-.00005	H636-12K
103	H636-14K	.03537	3.5686	.88873	.00040	.51665	.05430	-.00116	.01663	.14018	.00068	H636-14K
104	H636-15K	.04610	6.4506	2.0197	.00028	2.3950	.10674	-.00199	.01970	.32203	.00096	H636-15K
105	H636-16K	.04071	3.6427	1.0904	-.00010	.48243	.04450	-.00150	.01764	.16996	.00111	H636-16K
106	H636-19K	.04226	5.1706	1.1832	.00058	.49854	.06581	-.00170	.02379	.17835	.00126	H636-19K
107	CCV10	2.5575	24.669	2.4283	.55266*	57.759	2.3751	2.5661	2.5656	65.687	1.0772	CCV10
108	CCB10	.00037	.00089	-.00011	.00031	.01416	.00009	.00113*	-.00010	.01754	.00072	CCB10
109	H354-05A	.57892	5.5799	.54203	.01116	105.64	.52839	.54745	.53535	79.947	.61879	H354-05A
110	H354-05K	.00072	.00514	.00032	.01095	55.263	.00805	.00029	-.00008	20.032	.00034	H354-05K
111	H354-05J	.00041	.00113	.00022	.00301	11.035	.00148	-.00003	-.00022	3.8601	.00106	H354-05J

112	H381-04T	.00124	-.00559	.00156	.02560	65.527	.16623	-.00025	.00008	25.848	-.00009	H381-04T
113	H381-05T	.00112	-.00704	.00154	.02572	64.284	.16381	-.00034	.00014	25.607	.00016	H381-05T
114	H381-04T	.00112	-.01035	.00158	.02543	64.518	.16563	-.00035	-.00010	26.196	-.00008	H381-04T
115	ICSA2	.00085	202.83	-.00203	.00253	192.50	.00632	-.00318	-.00170	.17256	.00359	ICSA2
116	ICSAB2	.54173	191.77	.93301	1.1749	181.51	.45871	1.0445	1.0099	85.584	1.1073	ICSAB2
117	CCV11	2.6407	25.152	2.4447	.55898*	56.492	2.3799	2.6016	2.5920	64.784	1.0914	CCV11
118	CCB11	.00052	.00247	.00016	.00079	.01825	.00000	.00102*	-.00001	.07151	-.00061	CCB11
119	IPI025SQ	.00025	.00327	.00036	.00012	.01598	-.00001	.00002	.00036	.04224	-.00122	IPI025SQ
120	IPI025SX	.50523	5.0232	.48998	.00017*	45.331	.47579	.52962	.50947	52.457	.50321	IPI025SX
121	IPI025SY	.50761	5.0898	.49068	.00035*	45.817	.47548	.53625	.51154	51.548	.49943	IPI025SY
122	H340-23A	.54883	7.2964	.68013	-.00021	51.595	.56339	.51838	.51510	53.445	.55583	H340-23A
123	H340-23I	.00802	1.9437	.16013	-.00009	5.2423	.05993	-.00021	.00209	.14130	.00130	H340-23I
124	H340-23J	.00157	.39369	.03259	.00028	1.0616	.01208	-.00016	.00014	.04757	-.00135	H340-23J
125	H340-24I	.01493	2.8340	.22715	.00016	3.7503	.05106	-.00044	.00374	.18874	.00023	H340-24I
126	H340-25I	.02352	3.9533	.32754	.00035	7.1395	.08441	-.00059	.00531	.25253	.00123	H340-25I
127	H340-26I	.03637	9.6908	1.7485	.00039	3.4692	.11247	-.00300	.02884	.29557	.00043	H340-26I
128	H340-27I	.02150	5.2749	.81814	.00023	5.2694	.07566	-.00106	.00593	.21804	.00003	H340-27I
129	CCV12	2.6174	25.085	2.4446	.55973*	56.741	2.3773	2.5913	2.5870	65.043	1.0925	CCV12
130	CCB12	.00047	.00201	-.00017	.00015	.01037	.00011	.00112*	-.00013	.02960	.00066	CCB12
131	H340-28I	.01219	3.0374	.44847	.00002	3.4397	.04702	.00006	.00411	.18502	.00008	H340-28I
132	H340-29I	.01399	2.4595	.20452	.00044	4.1061	.05161	-.00045	.00335	.13787	-.00027	H340-29I
133	H994-05W	.13389	.20789	.01010	.00043	.01678	.00255	.02042	.00417	.05971	.00190	H994-05W
134	H994-08T	.00734	.43301	.02737	.05266	.00077	.00340	4.4488	.00053	.02637	.00018	H994-08T
135	CCV13	2.6301	25.064	2.4479	.56251*	56.225	2.3805	2.6033	2.5886	65.523	1.0933	CCV13
136	CCB13	.00033	.00263	-.00016	.00027	.00885	-.00006	.00143*	-.00013	.02859	.00100	CCB13
137	IPI024SQ	.00039	-.00004	-.00007	-.00004	.02017	.00019	.00018	.00026	.02749	-.00089	IPI024SQ
138	IPI024SX	.51399	5.0501	.49896	-.00011*	45.168	.48335	.53505	.51786	53.785	.51952	IPI024SX
139	IPI024SY	.50557	4.9607	.49176	.00068*	44.527	.47472	.53383	.50986	52.631	.50864	IPI024SY
140	H340-01A	.56528	8.0546	.85240	.00066	47.178	.53787	.52828	.51709	53.977	.56299	H340-01A
141	H340-01I	.01641	2.8097	.33804	.00058	2.0723	.03217	-.00032	.00291	.14106	.00080	H340-01I
142	H340-01J	.00346	.56164	.06859	.00034	.43041	.00638	-.00012	.00056	.03705	-.00032	H340-01J
143	H340-01M	.06605	3.2265	.40212	-.00011	6.5021	.08222	.05025	.05430	5.3580	.05237	H340-01M
144	H340-01S	.06661	3.9154	.39903	.00015	8.0014	.09010	.05075	.05300	5.2849	.05156	H340-01S
145	H340-02I	.02614	4.1963	.39684	-.00031	1.8407	.03852	-.00088	.00623	.19785	.00066	H340-02I
146	H340-03I	.02818	3.3106	.58764	.00089	2.2262	.04130	-.00085	.00450	.25355	-.00025	H340-03I
147	CCV14	2.5495	24.523	2.4278	.55718*	57.336	2.3627	2.5701	2.5634	67.204*	1.0831	CCV14
148	CCB14	.00026	-.00028	.00021	-.00009	.00736	-.00011	.00112*	-.00010	.03050	-.00029	CCB14
149	H340-04I	.02614	3.8005	.68143	-.00018	2.7039	.04763	-.00023	.00562	.27603	-.00024	H340-04I
150	H340-05I	.02162	3.5639	.26968	.00038	1.5330	.03748	-.00065	.00419	.18016	.00034	H340-05I
151	H340-06I	.02063	3.0806	.42132	.00014	2.9090	.04196	-.00017	.00384	.17129	.00021	H340-06I
152	H340-07I	.03395	2.8897	.34451	.00011	.53843	.03082	-.00165	.00547	.18892	.00079	H340-07I
153	H340-08I	.01808	2.5080	.59592	.00046	.72859	.02381	-.00027	.00371	.15602	-.00013	H340-08I
154	H340-09I	.02021	3.2501	.36430	.00005	4.7804	.05199	-.00150	.00361	.13291	.00066	H340-09I
155	H340-12I	.01260	3.3802	.10372	.00026	5.4298	.05768	-.00106	.00227	.08562	-.00021	H340-12I
156	H340-13I	.01228	2.5809	.20096	.00069	4.8336	.05733	-.00103	.00246	.09033	-.00079	H340-13I
157	H340-14I	.01468	3.0648	.44252	-.00003	6.8546	.07252	-.00122	.00239	.08296	-.00048	H340-14I
158	H340-15I	.01098	2.4886	.15142	.00017	5.0741	.06314	-.00081	.00242	.07698	-.00001	H340-15I
159	CCV15	2.6174	24.880	2.4471	.56809*	56.464	2.4022	2.6035	2.5824	67.300*	1.1008*	CCV15
160	CCB15	.00045	.00252	.00029	.00052	.01196	.00015	.00116*	-.00006	.02599	-.00037	CCB15
161	H340-16I	.01426	3.2801	.22462	.00065	4.5789	.06145	-.00043	.00295	.09561	.00064	H340-16I
162	H340-17I	.01989	2.2726	.37062	.00033	2.1872	.04612	-.00131	.00326	.16117	-.00010	H340-17I
163	H340-18I	.01160	2.3635	.17663	.00054	3.4012	.05090	-.00098	.00223	.10196	.00046	H340-18I
164	H340-19I	.01952	3.3891	.30898	.00038	6.8209	.08481	-.00175	.00286	.12227	.00089	H340-19I
165	H340-20I	.01399	3.1527	.10808	.00123	7.7297	.07713	-.00132	.00249	.10962	.00048	H340-20I
166	H340-21I	.01389	3.2679	.11169	-.00044	3.7196	.04754	-.00074	.00258	.08789	.00005	H340-21I
167	H340-22I	.02136	4.0157	.35938	.00071	4.3048	.14558	-.00152	.00661	.08746	-.00041	H340-22I
168	ICSA3	.00040	186.66	-.00223	.00377	184.33	.00579	-.00285	-.00180	-.08839	-.00048	ICSA3

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
169	ICSAB3	.51083	183.51	.91623	1.1570	183.25	.44996	1.0177	.98336	88.866	1.0897	ICSAB3
170	CCV16	2.5703	24.666	2.4331	.56098*	57.290	2.3759	2.5754	2.5626	67.550*	1.0951	CCV16
171	CCB16	.00041	.00111	-.00014	.00032	.01082	-.00013	.00130*	-.00015	.03254	-.00079	CCB16
172	IPI027SB	.00034	.00711	.00027	-.00024	.02449	.00011	.00011	.00049	.02855	-.00137	IPI027SB
173	IPI027SL	.52280	5.1440	.50810	.00025*	46.160	.49371	.54155	.52567	55.271	.53072	IPI027SL
174	IPI027SC	.51758	5.0885	.50151	.00017*	45.353	.48812	.54092	.51965	54.392	.52380	IPI027SC
175	H637-01A	.66971	15.815	2.1094	.00174	54.152	.60501	.49549	.47600	53.501	.51725	H637-01A
176	H637-01T	.17947	11.804	1.7775	.00140	11.069	.15511	-.00151	.01409	.59823	-.00088	H637-01T
177	H637-01J	.03760	2.4714	.36828	.00046	2.3008	.03199	-.00041	.00282	.13186	-.00050	H637-01J
178	H637-01M	.21231	10.888	1.5755	.00063	9.9413	.15230	.05045	.06474	5.8902	.05483	H637-01M
179	H637-01S	.21678	11.659	1.5982	.00043	17.981	.21690	.04980	.06448	5.8313	.05429	H637-01S
180	H637-02T	.08965	8.8727	1.6487	.00083	8.8473	.09178	-.00089	.01343	.24190	.00014	H637-02T
181	H637-03T	.02811	3.6111	.64000	.00033	4.6485	.07861	-.00033	.00493	.17008	-.00039	H637-03T
182	CCV17	2.5792	24.704	2.4372	.56307*	57.067	2.3903	2.5841	2.5671	67.874*	1.1019*	CCV17
183	CCB17	.00053	.00401	-.00022	.00143	.00870	.00000	.00133*	-.00009	.03053	.00018	CCB17
184	H637-04T	.02517	2.6461	2.0051	.00035	2.3203	.04887	-.00059	.00566	.16924	.00032	H637-04T
185	H637-05T	.11362	10.206	4.0223	.00117	6.0464	.16915	-.00143	.02154	.44257	.00106	H637-05T
186	H637-06T	.11811	10.535	4.5187	.00102	4.5448	.09048	-.00072	.02183	.54116	.00038	H637-06T
187	H637-07T	.12492	11.868	4.0375	.00151	4.8949	.11393	-.00069	.02414	.53981	-.00012	H637-07T
188	H637-08T	.03246	7.0761	2.4533	.00163	2.2727	.80372	-.00184	.01997	.26083	.00106	H637-08T
189	H637-09T	.13799	8.9936	1.3510	-.00023	7.7329	.11313	-.00173	.01072	.50833	-.00074	H637-09T
190	H637-10T	.21004	9.2408	3.6102	.00039	10.214	.17191	-.00480	.01795	.39061	.00002	H637-10T
191	H637-11T	.04044	3.7056	.79361	.00037	8.2564	.09274	-.00134	.00475	.14419	-.00036	H637-11T
192	H637-12T	.08627	5.2874	1.4854	.00051	9.9664	.14602	-.00204	.00727	.18805	.00030	H637-12T
193	H637-13T	.04159	3.7487	.74285	.00032	9.3884	.09904	-.00124	.00436	.13786	-.00037	H637-13T
194	CCV18	2.5386	24.408	2.3992	.55521*	56.823	2.3576	2.5401	2.5242	66.737*	1.0836	CCV18
195	CCB18	.00024	.00249	-.00019	.00009	.00936	-.00011	.00113*	-.00011	.02204	-.00051	CCB18
196	H637-14T	.08622	7.8088	3.0483	.00039	7.1179	.19185	-.00122	.01147	.26575	.00016	H637-14T
197	H637-15T	.11537	6.5259	2.9624	.00047	9.5001	.19998	-.00229	.01148	.23344	.00086	H637-15T
198	H637-16T	.06355	5.2019	1.6231	.00039	10.484	.11894	-.00119	.00711	.16283	.00026	H637-16T
199	H637-17T	.06907	4.5472	.76763	-.00008	4.3165	.07107	-.00108	.00766	.21916	.00157	H637-17T
200	H637-18T	.21108	8.8665	3.6439	.00003	9.8514	.17001	-.00468	.01771	.36451	.00082	H637-18T
201	H994-08I	.00341	.20547	.01308	.02508	.00826	.00164	2.0910	.00037	-.00207	-.00044	H994-08I
202	H994-08W	.03656	2.3271	.14894	.28573	-.00529	.01978	25.439*	.00531	.05878	.00556	H994-08W
203	H994-08K	.00720	.42934	.02614	.05119	.00634	.00331	4.3654	.00073	.01225	.00123	H994-08K
204	H637-10I	.10517	4.7008	1.7824	-.00015	5.1460	.08549	.00021	.00871	.16239	.00019	H637-10I
205	H637-18I	.10247	4.3318	1.7907	.00013	4.8473	.08392	-.00111	.00850	.17738	-.00005	H637-18I
206	CCV19	2.5672	24.726	2.4094	.55801*	56.665	2.3687	2.5487	2.5426	66.972*	1.0835	CCV19
207	CCB19	.00043	.00266	.00057	-.00003	.01335	.00011	.00156*	-.00015	.00126	.00125	CCB19

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00011	.00040	.00000	-.00023	.00003	.00002	-.00021	.00217	Blank
2	S20									S20
3	S21									S21
4	S22							.13170		S22
5	S23							1.2824		S23
6	S24		.79576							S24
7	S25		4.4910							S25
8	S26									S26
9	S27									S27
10	S28				.11708					S28
11	S29				1.1269					S29
12	S30	.03851		.11142		.02469	.01676		.60866	S30
13	S31	.18924		.55913		.12117	.08267		5.8614	S31
14	ICV	.51305	65.500	.50203	2.3878	.50084	.50379	1.5108	2.6815	ICV
15	ICB	-.00002	.01982	-.00008	.00046	.00016	.00060	.00002	-.00160	ICB
16	MRLI1001	.01023	1.0181	.00998	.01061	.00022	.01048	.01013	.00984	MRLI1001
17	MRLI1002	.00942	.50400	.00995	.00997	.00995	.01019	.00984	.02071	MRLI1002
18	ICSA1	.00068	.05715	.00048	-.00145	.00076	.00108	-.00030	.00103	ICSA1
19	ICSAB1	1.0775	83.584	.49492	.89038	.96317	.96419	.48207	1.0347	ICSAB1
20	CCV1	.51457	64.618	.49273	2.4104	.49702	.50136	1.5053	2.6996	CCV1
21	CCB1	.00002	.01774	-.00006	.00006	.00021	.00098	-.00001	-.00260	CCB1
22	H344-06T	-.00010	395.03	.60671	-.00007	.00060	.00431	.00009	.00559	H344-06T
23	H344-07T	.00018	393.52	.37473	.00227	-.00018	.00136	-.00014	.00590	H344-07T
24	H344-08T	.00014	724.70*	.55970	-.00013	-.00017	.00136	-.00066	.00153	H344-08T
25	H344-11T	.00025	366.04	.52510	.00190	-.00015	.00131	-.00062	.00220	H344-11T
26	CCV3	.51544	64.722	.49002	2.4042	.49766	.49862	1.5069	2.6867	CCV3
27	CCB3	-.00005	.09822	-.00001	.00089	-.00027	.00083	-.00001	-.00085	CCB3
28	IPI023WB	-.00004	.06733	.00013	.00031	-.00019	.00017	-.00018	-.00045	IPI023WB
29	IPI023WL	.54474	54.300	.49583	.51861	.50568	.52197	.52240	.55938	IPI023WL
30	IPI023WC	.56090	55.729	.50571	.53791	.53069	.54397	.53901	.58057	IPI023WC
31	H363-06A	.54343	139.35	.93440	.53286	.52363	.53208	.54621	.59277	H363-06A
32	H363-06	.00014	89.637	.46312	.00031	-.00008	.00227	.00074	.00138	H363-06
33	H363-06J	-.00007	17.352	.09055	-.00046	.00013	.00067	.00007	-.00134	H363-06J
34	H363-06M	.52206	136.68	.92031	.47912	.49149	.50251	.49810	.53448	H363-06M
35	H363-06S	.53458	139.20	.92936	.49343	.49642	.50792	.50657	.54822	H363-06S
36	H363-01	.00012	135.45	.08502	-.00005	.00036	.00088	.01293	.00126	H363-01
37	H363-02	.00005	139.43	.09057	-.00056	.00011	.00051	.01282	.00059	H363-02
38	CCV4	.51598	65.980	.50250	2.3969	.49810	.50106	1.5133	2.6895	CCV4
39	CCB4	.00008	.07283	.00000	.00108	.00032	.00041	.00006	-.00115	CCB4
40	H363-03	.00077	109.82	.27421	.00095	.00028	.00235	.00148	.00219	H363-03
41	H363-04	-.00023	52.908	.44018	.00027	-.00058	.00203	-.00015	.00279	H363-04
42	H363-05	-.00015	50.013	.36398	-.00007	-.00007	.00231	-.00028	.00191	H363-05
43	H363-08	-.00011	59.617	.47098	-.00006	-.00011	.00147	.00092	.00043	H363-08
44	H363-09	-.00017	102.25	.24014	-.00021	-.00007	.00157	.00081	.00588	H363-09
45	H363-10	-.00001	223.33	.13608	-.00042	-.00039	.00076	.00118	.00196	H363-10
46	I024-32	.00003	173.98	.87370	-.00184	.03265	.06120	.01015	3.6874	I024-32
47	I037-02	-.00007	42.209	.78706	-.00036	-.00003	.00214	.00615	.16616	I037-02
48	I037-03	-.00020	46.523	.81702	-.00033	-.00009	.00176	.00617	.12092	I037-03
49	I037-04	-.00018	43.352	.89817	-.00065	-.00015	.00250	.00416	.04922	I037-04
50	CCV5	.51735	66.386*	.50379	2.3981	.49900	.50079	1.5169	2.6865	CCV5
51	CCB5	.00004	.05445	-.00007	.00034	-.00036	.00047	.00000	-.00138	CCB5
52	I037-05	.00019	44.766	.74124	-.00001	.00004	.00205	.00539	.04761	I037-05
53	I037-06	-.00023	43.312	.77642	-.00066	-.00026	.00203	.00434	.03340	I037-06
54	I037-07	-.00017	36.937	.67129	-.00013	-.00008	.00151	.00554	.12500	I037-07

55	I037-08	-.00025	47.452	.71900	-.00045	.00016	.00196	.00715	.10965	I037-08
56	I037-09	-.00003	40.160	.74929	-.00052	-.00015	.00208	.00455	.05037	I037-09
57	I037-10	-.00003	40.577	.75232	-.00025	-.00028	.00233	.00468	.02985	I037-10
58	ZZZZZZZ	.52036	65.902	.49530	2.4266	.49429	.49654	1.5098	2.6915	ZZZZZZZ
59	ZZZZZZZ	.00002	.04201	-.00002	.00037	-.00025	.00073	.00005	-.00137	ZZZZZZZ
60	CCV6	.52060	67.995*	.51355	2.4173	.49540	.49890	1.5153	2.6928	CCV6
61	CCB6	-.00005	.03298	-.00003	.00075	-.00008	.00055	.00002	-.00143	CCB6
62	IPI028WQ	.00010	.04725	.00011	.00098	-.00051	.00030	-.00007	-.00173	IPI028WQ
63	IPI028WX	.52107	54.622	.50154	.50201	.50775	.52184	.49643	.53110	IPI028WX
64	IPI028WY	.51808	54.179	.49279	.50317	.50281	.51518	.49756	.53377	IPI028WY
65	I065-01A	.56392	1018.0*	4.0737	.47984	.48191	.49049	.50910	.56593	I065-01A
66	I065-01W	.00019	989.47*	3.7050	-.00124	.00016	.00439	-.00004	.00292	I065-01W
67	I065-01J	-.00004	205.92	.73505	-.00032	-.00011	.00210	-.00044	.00112	I065-01J
68	I065-01G	.57608	1022.3*	4.1189	.48129	.51908	.53537	.51544	.57591	I065-01G
69	I065-01H	.57919	1039.8*	4.2382	.48110	.52399	.54405	.52333	.57408	I065-01H
70	I036-19W	.00006	.88978	.00172	.00024	-.00011	.00044	-.00004	.00301	I036-19W
71	CCV7	.52019	67.425*	.50722	2.4393	.49436	.49567	1.5058	2.6807	CCV7
72	CCB7	-.00001	.17569*	-.00004	.00030	.00008	.00057	-.00004	-.00138	CCB7
73	IPI026SB	.00006	.12719*	.00002	-.00018	.00019	.00006	-.00005	.00588*	IPI026SB
74	IPI026SL	.49166	53.805	.48058	.49591	.58550	.50108	.49904	.55926	IPI026SL
75	IPI026SC	.50176	54.388	.48751	.51008	.58105	.51385	.50923	.57469	IPI026SC
76	I036-01A	.50573	55.328	.49171	.52228	.50848	.51287	.51642	22.363	I036-01A
77	I036-01T	-.00007	.14511	.00737	-.00021	.00403	.00395	.00239	21.183	I036-01T
78	I036-01J	.00002	.07183	.00149	.00000	.00064	.00062	.00043	4.3959	I036-01J
79	I036-01M	.05210	5.6197	.05723	.05259	.05432	.05271	.05431	21.914	I036-01M
80	I036-01S	.05077	5.6669	.05913	.05152	.05391	.05377	.05384	28.607	I036-01S
81	I036-02T	-.00013	.10581	.00944	-.00078	.00364	.00471	.00301	7.5500	I036-02T
82	I036-03T	-.00022	.09127	.00890	-.00044	.00330	.00324	.00337	11.149	I036-03T
83	CCV8	.52121	67.459*	.50771	2.4407	.49190	.49438	1.5071	2.6930	CCV8
84	CCB8	-.00003	.05969	-.00004	.00041	-.00027	.00068	-.00007	-.00125	CCB8
85	I036-04T	-.00006	.09970	.00969	.00003	.00560	.00379	.00336	10.477	I036-04T
86	I036-05T	-.00020	.08042	.00636	-.00030	.00359	.00517	.00448	7.7779	I036-05T
87	I036-06T	.00005	.07903	.00771	-.00007	.00264	.00659	.00433	10.758	I036-06T
88	I036-07T	-.00007	.07971	.00690	.00003	.00256	.00502	.00318	6.9199	I036-07T
89	I036-08T	-.00027	.07819	.00906	-.00033	.00536	.00337	.00311	9.1737	I036-08T
90	I036-09T	-.00018	.07326	.00866	-.00089	.00639	.00325	.00240	21.998	I036-09T
91	I036-10T	-.00021	.06226	.00596	-.00044	.00520	.00329	.00123	5.7077	I036-10T
92	I036-11T	-.00004	.06542	.02097	-.00043	.00370	.00324	.00190	10.277	I036-11T
93	I036-12T	-.00019	.06456	.01159	-.00045	.00338	.00275	.00211	16.180	I036-12T
94	I036-13T	.00004	.06082	.00816	-.00003	.00412	.00335	.00183	9.7679	I036-13T
95	CCV9	.51854	66.659*	.50310	2.4395	.49458	.49410	1.5050	2.7575*	CCV9
96	CCB9	.00004	.04761	.00003	.00034	-.00008	.00032	.00006	-.00144	CCB9
97	I036-14T	-.00018	.08520	.00823	.00006	.00508	.00254	.00205	10.719	I036-14T
98	I036-15T	-.00015	.08052	.00973	.00008	.00407	.00491	.00345	11.556	I036-15T
99	I036-16T	-.00010	.07470	.01782	-.00051	.00552	.00410	.00270	20.123	I036-16T
100	I036-17T	-.00008	.07008	.00771	-.00083	.00456	.00197	.00136	8.7920	I036-17T
101	I036-18T	-.00025	.07400	.01544	-.00025	.00470	.00374	.00250	17.203	I036-18T
102	H636-12K	.00003	.01945	.00201	-.00011	.00124	.00301	.00206	19.522	H636-12K
103	H636-14K	.00000	.01641	.00240	-.00021	.00146	.00270	.00160	14.515	H636-14K
104	H636-15K	-.00006	.02349	.00913	-.00020	.00260	.00457	.00268	20.739	H636-15K
105	H636-16K	-.00007	.01180	.00256	-.00035	.00092	.00260	.00176	16.561	H636-16K
106	H636-19K	.00004	.00503	.00176	-.00053	.00114	.00239	.00172	19.299	H636-19K
107	CCV10	.52152	68.124*	.51194	2.4256	.49618	.49674	1.5195	2.6925	CCV10
108	CCB10	.00015	.03163	.00000	.00065	.00000	.00064	-.00012	-.00148	CCB10
109	H354-05A	.57739	489.32	.97597	.53116	.51809	.52386	.56157	.62254	H354-05A
110	H354-05K	-.00002	421.34	.45584	-.00085	.00005	.00181	-.00032	.00164	H354-05K
111	H354-05J	-.00003	86.834	.09140	-.00005	-.00022	.00032	-.00022	.00294	H354-05J

112	H381-04T	-.00011	625.02	.97041	-.00121	-.00009	.00508	.00356	.00334	H381-04T
113	H381-05T	-.00023	614.23	.95698	-.00206	.00038	.00488	.00349	.00024	H381-05T
114	H381-04T	-.00013	627.72	.97678	-.00137	.00007	.00553	.00337	.00147	H381-04T
115	ICSA2	.00082	.73396	.00079	-.00325	.00043	.00119	-.00072	.00079	ICSA2
116	ICSAB2	1.1103	87.093	.50351	.92927	.96898	.96341	.48572	1.0532	ICSAB2
117	CCV11	.52021	66.766*	.50160	2.4731	.49081	.49063	1.4966	2.6896	CCV11
118	CCB11	.00001	.10243	.00003	.00109	-.00030	.00067	.00001	-.00223	CCB11
119	IPI025SQ	.00010	.05944	.00013	.00088	.00030	.00008	.00001	.00011	IPI025SQ
120	IPI025SX	.48962	53.989	.47085	.49565	.52798	.49086	.49884	.54791	IPI025SX
121	IPI025SY	.48812	53.081	.46954	.49445	.52579	.50083	.49981	.55026	IPI025SY
122	H340-23A	.52105	55.027	.49065	.52943	.50787	.51342	.54202	5.5642	H340-23A
123	H340-23I	-.00008	.12181	.00337	-.00048	.00444	.00466	.00177	4.8169	H340-23I
124	H340-23J	-.00006	.05290	.00065	-.00003	.00092	.00111	.00031	.96985	H340-23J
125	H340-24I	-.00009	.08700	.00765	-.00085	.00683	.00457	.00178	4.6277	H340-24I
126	H340-25I	-.00017	.07905	.01403	-.00029	.00694	.00580	.00362	6.8663	H340-25I
127	H340-26I	-.00003	.08474	.00386	-.00049	.00590	.01251	.00327	26.735	H340-26I
128	H340-27I	-.00014	.07165	.00730	-.00056	.00691	.00578	.00263	10.329	H340-27I
129	CCV12	.52124	67.097*	.50266	2.4622	.49153	.49196	1.5044	2.6956	CCV12
130	CCB12	.00003	.04867	.00001	.00055	-.00037	.00034	.00009	-.00204	CCB12
131	H340-28I	-.00002	.06189	.00437	-.00014	.00588	.00519	.00205	3.2496	H340-28I
132	H340-29I	-.00006	.06401	.00624	-.00027	.00407	.00325	.00173	4.3617	H340-29I
133	H994-05W	-.00016	.14859	.00051	-.00220	.04522	.00103	.00011	.49475	H994-05W
134	H994-08T	-.00004	.34824	.00151	-.00758*	.00984	.00007	.00605	2.3787	H994-08T
135	CCV13	.52206	67.560*	.50623	2.4795	.48925	.49080	1.5022	2.6908	CCV13
136	CCB13	-.00002	.03515	-.00003	.00055	-.00027	.00003	-.00006	-.00236	CCB13
137	IPI024SQ	.00002	.01833	.00029	.00097	.00123	-.00013	-.00002	.00133	IPI024SQ
138	IPI024SX	.50003	55.368	.48209	.50412	.52977	.49278	.50837	.60170*	IPI024SX
139	IPI024SY	.49150	54.285	.47650	.49903	.53431	.49225	.49855	.55036	IPI024SY
140	H340-01A	.52102	55.389	.49810	.53776	.50363	.50609	.53236	7.7957	H340-01A
141	H340-01I	-.00003	.07075	.00444	-.00009	.00360	.00231	.00113	7.0157	H340-01I
142	H340-01J	-.00001	.02924	.00092	-.00005	.00088	.00059	.00023	1.4202	H340-01J
143	H340-01M	.05071	5.5091	.05306	.05264	.05386	.05042	.05170	4.0734	H340-01M
144	H340-01S	.05013	5.4182	.05367	.05113	.05337	.05129	.05137	4.4126	H340-01S
145	H340-02I	-.00004	.04446	.00233	-.00041	.00501	.00335	.00206	10.681	H340-02I
146	H340-03I	-.00012	.05081	.00657	-.00060	.00330	.00217	.00170	8.0484	H340-03I
147	CCV14	.52269	69.464*	.52010	2.4293	.49366	.49764	1.5222	2.6968	CCV14
148	CCB14	.00001	.02995	-.00009	.00027	-.00028	.00040	-.00015	-.00232	CCB14
149	H340-04I	-.00014	.06406	.00473	-.00005	.00374	.00281	.00216	6.9774	H340-04I
150	H340-05I	-.00003	.05717	.00360	.00036	.00365	.00223	.00145	7.8730	H340-05I
151	H340-06I	-.00006	.05588	.00550	-.00027	.00388	.00189	.00206	3.6665	H340-06I
152	H340-07I	-.00003	.03224	.00230	-.00032	.00352	.00305	.00136	14.818	H340-07I
153	H340-08I	.00002	.04223	.00149	-.00029	.00361	.00268	.00125	3.2402	H340-08I
154	H340-09I	-.00003	.04439	.00551	-.00028	.00317	.00189	.00147	11.569	H340-09I
155	H340-12I	-.00005	.04888	.00339	-.00045	.00298	.00190	.00193	9.6190	H340-12I
156	H340-13I	-.00015	.04166	.00301	-.00039	.00308	.00321	.00200	8.2579	H340-13I
157	H340-14I	-.00018	.04961	.00404	-.00028	.00340	.00257	.00218	10.517	H340-14I
158	H340-15I	-.00012	.03662	.00370	-.00066	.00246	.00291	.00172	6.6602	H340-15I
159	CCV15	.52640	69.581*	.51787	2.4782	.48969	.49298	1.5110	2.7012	CCV15
160	CCB15	.00003	.01718	.00000	.00050	-.00020	.00040	-.00004	-.00250	CCB15
161	H340-16I	.00005	.04712	.00291	.00018	.00298	.00405	.00256	7.5270	H340-16I
162	H340-17I	-.00021	.04481	.00555	.00013	.00367	.00380	.00180	11.368	H340-17I
163	H340-18I	-.00004	.04566	.00245	-.00041	.00444	.00296	.00170	8.0616	H340-18I
164	H340-19I	-.00011	.05318	.00424	-.00055	.00434	.00339	.00276	14.611	H340-19I
165	H340-20I	-.00008	.05364	.00465	-.00015	.00461	.00253	.00302	10.791	H340-20I
166	H340-21I	-.00013	.03701	.00257	-.00050	.00286	.00170	.00175	11.059	H340-21I
167	H340-22I	-.00006	.04232	.00284	-.00064	.00306	.00770	.00317	12.183	H340-22I
168	ICSA3	.00098	.05426	.00090	-.00189	.00074	.00133	-.00053	.00207	ICSA3

INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
169	ICSAB3	1.1091	90.695*	.52250	.90218	.96399	.96572	.49312	1.0484	ICSAB3
170	CCV16	.52476	69.740*	.52056	2.4437	.49033	.49740	1.5203	2.7016	CCV16
171	CCB16	.00009	.02187	-.00004	.00082	-.00017	.00017	-.00002	-.00255	CCB16
172	IPI027SB	.00013	.00536	.00016	.00100	.00016	.00006	.00000	.00456	IPI027SB
173	IPI027SL	.51302	56.667	.49130	.51650	.57683	.50107	.51916	.57159	IPI027SL
174	IPI027SC	.50315	55.987	.48777	.51052	.56175	.49712	.51042	.56740	IPI027SC
175	H637-01A	.47608	54.339	.47321	.48767	.46853	.47699	.48781	20.815	H637-01A
176	H637-01T	.00013	.10773	.00974	-.00025	.00493	.00632	.00546	21.041	H637-01T
177	H637-01J	.00003	.02729	.00199	-.00025	.00119	.00126	.00104	4.4785	H637-01J
178	H637-01M	.05268	5.7955	.05676	.05426	.05521	.04932	.05690	17.898	H637-01M
179	H637-01S	.05267	5.7554	.06243	.05257	.05492	.04877	.05762	23.633	H637-01S
180	H637-02T	.00001	.03689	.00821	-.00085	.00477	.01058	.00507	11.084	H637-02T
181	H637-03T	-.00017	.05276	.00517	-.00037	.00526	.00318	.00186	5.7861	H637-03T
182	CCV17	.52689	70.083*	.52155	2.4579	.49038	.49413	1.5213	2.7065	CCV17
183	CCB17	.00003	.02095	.00002	.00086	-.00034	.00056	.00010	-.00225	CCB17
184	H637-04T	-.00002	.05183	.00510	.00046	.00621	.00409	.00171	8.4168	H637-04T
185	H637-05T	-.00007	.05605	.00949	.00030	.00764	.01202	.00634	20.072	H637-05T
186	H637-06T	.00012	.05558	.01153	-.00016	.00645	.00789	.00491	11.524	H637-06T
187	H637-07T	-.00002	.06112	.01196	-.00030	.00498	.01053	.00905	11.708	H637-07T
188	H637-08T	-.00003	.01425	.00679	.00007	.00494	.02501	.00929	18.215	H637-08T
189	H637-09T	-.00006	.07269	.00716	-.00069	.00386	.00356	.00428	17.508	H637-09T
190	H637-10T	-.00004	.05564	.01590	-.00022	.00650	.00682	.00538	49.195*	H637-10T
191	H637-11T	-.00010	.03962	.00786	-.00080	.00288	.00374	.00259	11.573	H637-11T
192	H637-12T	-.00009	.03870	.00973	-.00021	.00634	.00421	.00347	18.266	H637-12T
193	H637-13T	-.00014	.03893	.00679	-.00027	.00207	.00291	.00306	9.8232	H637-13T
194	CCV18	.52178	68.882*	.51121	2.4134	.48615	.48905	1.5083	2.6696	CCV18
195	CCB18	-.00004	.00303	-.00003	.00042	-.00038	.00045	-.00006	-.00245	CCB18
196	H637-14T	.00001	.05259	.01106	.00043	.00432	.00886	.00443	17.670	H637-14T
197	H637-15T	-.00020	.05571	.01446	-.00002	.00455	.00520	.00399	24.078	H637-15T
198	H637-16T	-.00007	.05290	.01006	-.00026	.00457	.00377	.00345	11.704	H637-16T
199	H637-17T	-.00003	.03072	.00793	-.00034	.00501	.00381	.00264	18.835	H637-17T
200	H637-18T	.00002	.04542	.01489	-.00013	.00587	.00715	.00535	49.310*	H637-18T
201	H994-08I	.00000	.15033	.00074	-.00397	.00471	.00021	.00178	1.1347	H994-08I
202	H994-08W	-.00023	1.9052	.00857	-.04565*	.05661	.00107	*****	13.624	H994-08W
203	H994-08K	-.00007	.31359	.00148	-.00741*	.00979	.00010	.00466	2.3473	H994-08K
204	H637-10I	-.00001	.01443	.00755	-.00019	.00299	.00370	.00265	26.148	H637-10I
205	H637-18I	-.00003	.01267	.00737	-.00062	.00300	.00358	.00251	26.072	H637-18I
206	CCV19	.52150	69.033*	.51188	2.4321	.48443	.48714	1.5031	2.6763	CCV19
207	CCB19	.00010	-.00019	.00002	.00076	-.00012	.00037	-.00004	-.00251	CCB19

ID8I010 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	pH	Extract Volume (ml)
01	TPID 28 - WB	50	–	50
02	↓ WC	50	–	50
03	↓ - WC	50	–	50
04	H340 - 10	50	<2	50
05	- 11	50	<2	50
06	↓ - 30	50	<2	50
07	I036 - 19	50	<2	50
08	I065 - 01	50	<2	50
09	- 01M	50	<2	50
10	↓ - 01S	50	<2	50
11				
12				
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WC 9-7-10

Book#: EIP-091
Batch: TPI 028-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☑ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-7-10	12:40	90°c
END	9-7-10	15:40	90 °c

Standards	ID	Amount Added (ml)
LCS 1	SMIA - 013-01-28	0.25
LCS-2	SMIA - 1 - 1-29	0.25
LCS-3	SMIA - 1 - 1-30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWIA - 04 - 253	1.5+1.5
HCl	SWIA - 04 - 221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	N/A	
Digestate Location	TCP	
Extract Location		

Comments:
Reagent water SMSI-02-052

Prepared By: MC
Standard Added By: MC
Witnessed By: TH
Extract Rcvd By: TH
Checked By: TH 9/12/10
Date endorsed to waste Disposal:
Accepted By:

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I065

METHOD 7470A
MERCURY BY COLD VAPOR

One (1) water sample was received on 09/03/10 for Mercury analysis, Method 7470A in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HGI005WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
MERCURY BY COLD VAPOR

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101065
Instrument ID : TI047

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data Fk	Calibration Data Fk	Prep. Batch	Notes
MBLK1W	HG1C05WB	1	NA	09/07/1015:52	09/07/1012:30	M471003010	M471003008	HG1005W	Method Blank
LCS1W	HG1D05WL	1	NA	09/07/1015:54	09/07/1012:30	M471003011	M471003008	HG1005W	Lab Control Sample (LCS)
LCD1W	HG1D05WC	1	NA	09/07/1015:56	09/07/1012:30	M471003012	M471003008	HG1005W	LCS Duplicate
VSE CORP 75-011D	I024-32	1	NA	09/07/1016:31	09/07/1012:30	M471003028	M471003020	HG1005W	Field Sample
1-10M	I065-01	1	NA	09/07/1016:37	09/07/1012:30	M471003031	M471003020	HG1005W	Field Sample
VSE CORP 75-011DAS	I024-32A	1	NA	09/07/1016:56	09/07/1012:30	M471003034	M471003032	HG1005W	Analytical Spike Sample
VSE CORP 75-011D01	I024-32J	5	NA	09/07/1016:58	09/07/1012:30	M471003035	M471003032	HG1005W	Diluted Sample

Fk - Filename
% Moist - Percent Moisture

METHOD 7470A
MERCURY BY COLD VAPOR

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10:065

Matrix : WATER
Instrument ID : T1047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HG1005WB	ND	1	NA	0.500	0.100	09/07/1015:52	09/07/1012:30	M471003010	M471003008	HG1005W	NA	09/07/10
LCS1W	HG1005WL	4.96	1	NA	0.500	0.100	09/07/1015:54	09/07/1012:30	M471003011	M471003008	HG1005W	NA	09/07/10
LCD1W	HG1005WC	4.90	1	NA	0.500	0.100	09/07/1015:56	09/07/1012:30	M471003012	M471003008	HG1005W	NA	09/07/10
T-10M	1065-01	ND	1	NA	0.500	0.100	09/07/1016:37	09/07/1012:30	M471003031	M471003020	HG1005W	09/03/10	09/03/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSES

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101065
METHOD: METHOD 7470A

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1W				
CONTROL NO.:	HG1005WB	HG1005WL	HG1005WC		
LAB FILE ID:	M471003010	M471003011	M471003012		
DATTIME EXTRCTD:	09/07/1012:30	09/07/1012:30	09/07/1012:30	DATE COLLECTED:	NA
DATTIME ANALYZD:	09/07/1015:52	09/07/1015:54	09/07/1015:56	DATE RECEIVED:	09/07/10
PREP. BATCH:	HG1005W	HG1005W	HG1005W		
CALIB. REF:	M471003008	M471003008	M471003008		

ACCESSION:

PARAMETER	BLNK RSLT ug/L	SPIKE AMT ug/L	BS RSLT ug/L	BS % REC	SPIKE AMT ug/L	BSD RSLT ug/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	5.00	4.96	99	5.00	4.90	98	1	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101065
METHOD: METHOD 7470A

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 5
SAMPLE ID: VSE CORP 75-011D VSE CORP 75-011DDL
EMAX SAMP ID: 1024-32 1024-32J
LAB FILE ID: M471003028 M471003035
DATE EXTRACTED: 09/07/1012:30 09/07/1012:30 DATE COLLECTED: 08/31/10
DATE ANALYZED: 09/07/1016:31 09/07/1016:58 DATE RECEIVED: 09/01/10
PREP. BATCH: HGI005W HGI005W
CALIB. REF: M471003020 M471003032

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SERIAL DIL RSLT (ug/L)	DIF RSLT %	QC LIMIT (%)
Mercury	1.34	1.47J	NA	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101065
METHOD: METHOD 7470A

MATRIX: WATER % MOISTURE: NA
DILTN FACTR: 1 1
SAMPLE ID: VSE CORP 75-011D
CONTROL NO.: I024-32 I024-32A
LAB FILE ID: M471003028 M471003034
DATTIME EXTRCTD: 09/07/1012:30 09/07/1012:30 DATE COLLECTED: 08/31/10
DATTIME ANALYZD: 09/07/1016:31 09/07/1016:56 DATE RECEIVED: 09/01/10
PREP. BATCH: HGI005W HGI005W
CALIB. REF: M471003020 M471003032

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	AS RSLT (ug/L)	AS % REC	CC LIMIT (%)
Mercury	1.34	5.00	6.94	112	75-125

EMAX LABORATORIES, INC

ANALYSIS RUN LOG
for
MERCURY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/7/10 **Start Time:** 15:29

End Date: 9/7/10 **End Time:** 17:02

Book #: A47-73

Instrument No.: 47

Analytical Sequence/Batch: M47I003

Method File: Hg

Comments:

QC OK

I015-01 MS/MSD were out of QC limit. Due to matrix interference.

SOP #	Rev. #
☑ EMAX-7470	4
☐ EMAX-7471	5
☑ EMAX-245.1	2
☐ EMAX-	

STANDARDS ID	
S1	BLANK
S2	SM3B-09-395
S3	↓
S4	↓
S5	↓
S6	↓
CCV	↓
ICV	SM3B-09-396
LCS	↓
Analytical Spike	SM3B-09-370

Analyzed By: NT

Date: 9/7/10

"M47I003"

EMAXlfid	EMAXlsid	conc	Raw_resp	rsd/rf	adatetime	DF
M47I003000	STD1REP1	0	4171		09/07/1015:29	1
M47I003001	STD2REP1	.2	19355		09/07/1015:31	1
M47I003002	STD3REP1	1	91758		09/07/1015:33	1
M47I003003	STD4REP1	2	174714		09/07/1015:35	1
M47I003004	STD5REP1	5	436834		09/07/1015:38	1
M47I003005	STD6REP1	10	844363		09/07/1015:40	1
M47I003006	ICV	1.95	170202	0	09/07/1015:42	1
M47I003007	ICB	-.053	1701	0	09/07/1015:45	1
M47I003008	CCV1	5.05	432232	0	09/07/1015:47	1
M47I003009	CCB1	-.038	2936	0	09/07/1015:49	1
M47I003010	HGI005WB	-.049	2067	0	09/07/1015:52	1
M47I003011	HGI005WL	4.96	424196	0	09/07/1015:54	1
M47I003012	HGI005WC	4.9	418908	0	09/07/1015:56	1
M47I003013	H997-01A	5.51	470927	0	09/07/1015:58	1
M47I003014	H997-01	.022	7992	0	09/07/1016:01	1
M47I003015	H997-01J	-.002	6013	0	09/07/1016:03	5
M47I003016	H997-01M	5.75	490660	0	09/07/1016:05	1
M47I003017	H997-01S	5.74	490201	0	09/07/1016:07	1
M47I003018	ZZZZ	3.1	267378	0	09/07/1016:09	1
M47I003019	I015-01	-.041	2690	0	09/07/1016:11	1
M47I003020	CCV2	5.48	467710	0	09/07/1016:13	1
M47I003021	CCB2	-.012	5142	0	09/07/1016:16	1
M47I003022	ZZZZ	-.044	2450	0	09/07/1016:18	1
M47I003023	I015-01M	2.74	237005	0	09/07/1016:20	1
M47I003024	I015-01S	2.75	237914	0	09/07/1016:22	1
M47I003025	I015-02	-.093	-1643	0	09/07/1016:24	1
M47I003026	I015-04	-.091	-1521	0	09/07/1016:26	1
M47I003027	I015-05	-.076	-259	0	09/07/1016:28	1
M47I003028	I024-32	1.34	118855	0	09/07/1016:31	1
M47I003029	I028-08	-.01	5315	0	09/07/1016:33	1
M47I003030	I058-14	-.08	-573	0	09/07/1016:35	1
M47I003031	I065-01	-.075	-178	0	09/07/1016:37	1
M47I003032	CCV3	5.51	470860	0	09/07/1016:39	1
M47I003033	CCB3	-.019	4586	0	09/07/1016:41	1
M47I003034	I024-32A	6.94	591446	0	09/07/1016:56	1
M47I003035	I024-32J	.295	31067	0	09/07/1016:58	5
M47I003036	CCV4	5.41	461819	0	09/07/1017:00	1
M47I003037	CCB4	-.047	2175	0	09/07/1017:02	1
**********	**********	**********	**********	**********	**********	***
EMAXlfid	EMAXlsid	Xint	Yint	rrf	adatetime	DF
M47I003000	BLANK	-7.378688E-02	6218.704	.9998813	09/07/1017:02	1

RunProt: HGCOM

RunFold: M471003 Seq: 6 Batch:

Prnt: A/T On Pump: On

Rev: 4.2 15:40:40 07 Sep 2010 Xmit: Off Gas: 0.35 LPM

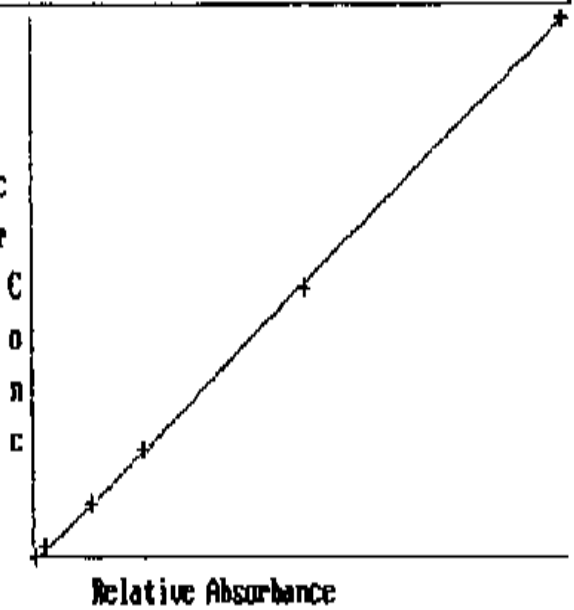
State: Idle User: MT/TH A/S: On

CALIBRATION: Line proto: HGCOM

	Hg Conc.	Calc.	Dev.	Accepted ->linear
S1	.000	-.024	-.024	Quadratic
S2	.200	.157	-.043	Wtdlinear
S3	1.00	1.02	.015	
S4	2.00	2.00	-.001	Accept
S5	5.00	5.11	.109	
S6	10.0	9.94	-.057	

A .0000000 r .999881

B 1.18625e-5 C -7.30492e-2



	Mean		
S1	4171	0 SD	4171
S2	19355	0 %RSD	19355
S3	91758	0 %RSD	91758
S4	174714	0 %RSD	174714
S5	436834	0 %RSD	436834
S6	844363	0 %RSD	844363

New cal coefficients stored

EMAX LABORATORIES, INC.

DIGESTION LOG
for
MERCURY

Sample Prep ID	Lab Sample ID	Sample Amount (g/1 ml)	pH	Extract Volume (ml)
01	S-0	0	N/A	80
02	0.2	0.2		80
03	1	1		80
04	2	2		80
05	5	5		80
06	10	10		80
07	ICV	2		80
08	ICB	0		80
09	CCV	5		80
10	CCB	0		80
11	HGI005WB	50		80
12	WL	50		80
13	WC	50		80
14	I015-01	50	<2	80
15	01M	50	<2	80
16	015	50	<2	80
17	02	50	<2	80
18	04	50	<2	80
19	05	50	<2	80
20	I024-32	50	<2	80
21	I028-08	50	<2	80
22	I058-14	50	<2	80
23	I065-01	50	<2	80
24	HG97-01	50	<2	80
25	01M	50	<2	80
26	015	50	<2	80
27				
28				
29				
30				
31			NT	
32			9/7/10	
33				
34				
35				
36				
37				
38				
39				
40				

Book#: E47-080
Batch: HGI005W
Matrix: Water

SOP #	Rev.#
☑ EMAX-7470	4
☐ EMAX-7471	5
☑ EMAX-245.1	2
☐ EMAX-	

	DATE	TIME
START	9/7/10	12:30
END	9/7/10	15:00

Standards	ID	Conc. (µg/L)	Amount Added (ml)
ICAL	SM38-09-395	50	0.2,1,2,5,10
CCV			5
ICV	SM38-09-396		2
LCS/MS			5
Reagent	ID		
HNO_3	SW1A-04-253		
HCl	N/A		
H_2SO_4	SW1A-04-100		
$KMnO_4$	SM5B-02-127		
$K_2S_2O_8$		128	
$NH_2OH.HCl$		125	
$SnCl_2$		124	
Temp of Digestion Bath:	95 °C		

Comments:
Dispenser calibrated using graduated cylinder.

Prepared By: NT
Standard Added By: NT Witnessed By: MC
Date endorsed to waste Disposal:
Accepted By:

TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I066**

SECTION		PAGE
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GC/MS-VOA	METHOD 5030B/8260B	2000 – 2083
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4034
GC-SVOA	**	5000 --
HPLC	**	6000 –
METALS	METHOD 3010A/6010B	7000 – 7046
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	METHOD SM5310B	8096 -- 8109
OTHERS	**	9000 --

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel. (310) 618-8889
Fax: (310) 618-0818

Date: 09-29-2010
EMAX Batch No.: 10I066

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/03/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PMW01A-A10	I066-01	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW01A-A10-D	I066-02	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW01B-A10	I066-05	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON

Sample ID	Control #	Col Date	Matrix	Analysis
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW06A-A10	1066-04	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW06B-A10	1066-05	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-38-A10	1066-06	09/03/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-09/03/10	1066-07	09/03/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.* 10I066
PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC, INC
PROJECT: NWS SEAL BEACH T2 SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-625-2300 FAX: 714-625-1211 EMAIL: NWEINBERGER@TETRA.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ECC, INC
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: YC MYINT

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; WP=Wipes; PP=Pure Products; AR=Air; O=
PRESERVATIVE CODE: IC=Ice; HC=HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); ANIONS/TDS/ALKALINITY/NH3 (300.0, 353.2, 2320B, 350.1); TPH (5310B); DISS. HYDROGEN SULFIDE (4500 F); DISS. METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B) HC	DISS. GASES HC	ANIONS/TDS/ALK/NH3 NP	TPH (5310B) HC	DISS. HYDROGEN SULFIDE NP	DISS. METALS HN			COMMENTS
1	MW-70-PMW01A-A10	IN 70	9/3/10	1008	8	VARIES	VARIES	GW	III	X	X	X	X					EFFLUENT WELL
2	MW-70-PMW01A-A10-D	↓	↓	1013	8	↓	↓	↓	↓	X	X	X	X					DUPLICATE, EFFLUENT WELL
3	MW-70-PMW01B-A10	↓	↓	1050	8	↓	↓	↓	↓	X	X	X	X					
4	MW-70-PMW06A-A10	↓	↓	1210	10	↓	↓	↓	↓	X	X	X	X	X	X			
5	MW-70-PMW06B-A10	IN 70	9/3/10	1245	10	VARIES	VARIES	GW	↓	X	X	X	X	X	X			
6	MW-70-38-A10	IN 70	9/3/10	1334	10	VARIES	VARIES	GW	↓	X	X	X	X	X	X			EFFLUENT WELL
7	TB-09/03/10	IN 70	9/3/10	0700	2	40mL	VOA	GW	III	X								TRIP BLANK
8																		
9																		
10																		

Instructions

Cooler #	Temp (°C)	Sample #s
1	3.7	

SAMPLER: CHASE BROSTON
COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[signature]	9/3/10	1430	Keith Stout	9/3/10	1500
Keith Stout	9/3/10	1527	[signature]		

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0900 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 5 business days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	ECN 10I066
☒ EMAX Courier	EF COC	Receipt J-LUNA
☐ Client Delivery		Date 9-13-10
☐ Third Party		Time 1527

COC Inspection

☒ Client Name ☒ Client PM/PC ☒ Sampler Name ☒ Sampling Date/Time/Location ☒ Sample ID ☒ Matrix
☒ Address ☒ Tel # / Fax # ☒ Courier Signature ☒ Analysis Required ☒ Preservative (if any) ☒ TAT

Safety Issues ☒ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container ☒ Cooler ☐ Box ☐ Other

Condition ☒ Custody Seal ☐ Intact ☐ Damaged

Packaging ☒ Bubble Pack ☐ Styrofoam ☐ Popcorn ☒ Sufficient ☐

Temperatures (Cool, 4±2 °C but not frozen) ☒ Cooler 1 3.7 °C ☐ Cooler 2 ____ °C ☐ Cooler 3 ____ °C ☐ Cooler 4 ____ °C ☐ Cooler 5 ____ °C
☐ Cooler 6 ____ °C ☐ Cooler 7 ____ °C ☐ Cooler 8 ____ °C ☐ Cooler 9 ____ °C ☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-04	025		F2	R5
-06	045		F2	R5
04 - 06		DISS METALS	H1	R2, R6

REVIEWS

Sample Labeling: Date 9/13/10 LF

SRF: Date 9/13/10

PM: Date 9/13/10

LEGEND

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-a-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	Analyze vials with no bubble first.
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	Inform client
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble >= 6mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1	NOTE: NO FILTRO INFO. (LABEL REQ'STD FOR METALS)		
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I066

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of seven (7) water samples were received on 09/03/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, four (4) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Four (4) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO05I12L/C were all within QC limits.
Percent recoveries for VO06I11L/C were all within QC limits.
Percent recoveries for VO06I12L/C were all within QC limits.
Percent recoveries for VO06I19L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to some analytes in samples I066-01R, -02R, -03R and -04 because of improper integration. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 10I066
Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V005I12B	1	NA	09/08/1015:43	09/08/1015:43	RIQ243	RHQ642	V005I12	Method Blank
LCS1W	V005I12L	1	NA	09/08/1014:14	09/08/1014:14	RIQ240	RHQ642	V005I12	Lab Control Sample (LCS)
LCD1W	V005I12C	1	NA	09/08/1014:44	09/08/1014:44	RIQ241	RHQ642	V005I12	LCS Duplicate
TB-09/03/10	I066-07	1	NA	09/08/1016:42	09/08/1016:42	RIQ245	RHQ642	V005I12	Field Sample
MW-70-PMW06A-A10	I066-04	1	NA	09/08/1023:43	09/08/1023:43	RIQ259	RHQ642	V005I12	Field Sample
MW-70-PMW06B-A10	I066-05	1	NA	09/09/1000:15	09/09/1000:15	RIQ260	RHQ642	V005I12	Field Sample
MBLK2W!	V006I11Q	1	NA	09/09/1013:23	09/09/1013:23	RIW206	RIW064	V006I11	Method Blank
LCS2W!	V006I11L	1	NA	09/09/1011:17	09/09/1011:17	RIW202	RIW064	V006I11	Lab Control Sample (LCS)
LCD2W!	V006I11C	1	NA	09/09/1011:48	09/09/1011:48	RIW203	RIW064	V006I11	LCS Duplicate
MW-70-PMW01B-A10DL!	I066-03T	100	NA	09/09/1015:09	09/09/1015:09	RIW209	RIW064	V006I11	Diluted Sample
MW-70-PMW06A-A10DL!	I066-04T	50	NA	09/09/1015:40	09/09/1015:40	RIW210	RIW064	V006I11	Diluted Sample
MW-70-PMW06B-A10DL!	I066-05T	100	NA	09/09/1016:11	09/09/1016:11	RIW211	RIW064	V006I11	Diluted Sample
MW-70-38-A10!	I066-06R	1	NA	09/09/1016:43	09/09/1016:43	RIW212	RIW064	V006I11	Field Sample
MBLK3W!	V006I12Q	1	NA	09/10/1008:16	09/10/1008:16	RIW241	RIW064	V006I12	Method Blank
LCS3W!	V006I12L	1	NA	09/10/1001:34	09/10/1001:34	RIW229	RIW064	V006I12	Lab Control Sample (LCS)
LCD3W!	V006I12C	1	NA	09/10/1002:05	09/10/1002:05	RIW230	RIW064	V006I12	LCS Duplicate
MW-70-PMW01A-A10-DDL!	I066-02T	100	NA	09/10/1008:47	09/10/1008:47	RIW242	RIW064	V006I12	Diluted Sample
MW-70-PMW01A-A10DL!	I066-01T	100	NA	09/10/1009:19	09/10/1009:19	RIW243	RIW064	V006I12	Diluted Sample
MW-70-PMW01A-A10-D!	I066-02R	1	NA	09/10/1009:50	09/10/1009:50	RIW244	RIW064	V006I12	Field Sample
MW-70-PMW01A-A10!	I066-01R	1	NA	09/10/1010:21	09/10/1010:21	RIW245	RIW064	V006I12	Field Sample
MBLK4W!	V006I19Q	1	NA	09/15/1015:23	09/15/1015:23	RIW350	RIW064	V006I19	Method Blank
LCS4W!	V006I19L	1	NA	09/15/1013:19	09/15/1013:19	RIW346	RIW064	V006I19	Lab Control Sample (LCS)
LCD4W!	V006I19C	1	NA	09/15/1013:50	09/15/1013:50	RIW347	RIW064	V006I19	LCS Duplicate
MW-70-PMW01B-A10!	I066-03R	1	NA	09/15/1023:42	09/15/1023:42	RIW366	RIW064	V006I19	Field Sample

! Instrument ID : T-006
FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/10/10 10:21
Sample ID:	MW-70-PMW01A-A10	Date Analyzed:	09/10/10 10:21
Lab Samp ID:	1066-01R	Dilution Factor:	1
Lab File ID:	R1W245	Matrix	: WATER
Ext Btch ID:	V006112	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	0.47J	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	1.1	1.0	0.20
FREON113	9.0	1.0	0.20
1,1-DICHLOROETHANE	5.4	1.0	0.20
1,1-DICHLOROETHENE	5.2	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.73	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	68	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	53	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	4.7	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	20	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1500E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	7.2	1.0	0.30
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	1.1	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	28	1.0	0.20
TRICHLOROETHENE	1100E	5.0	0.20
TRICHLOROFLUOROMETHANE	0.23J	2.0	0.20
VINYL CHLORIDE	400E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	87	70-130
TOLUENE-D8	90	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 10I066	Date Extracted:	09/10/10 09:19
Sample ID:	MW-70-PMW01A-A100L	Date Analyzed:	09/10/10 09:19
Lab Samp ID:	1066-01T	Dilution Factor:	100
Lab File ID:	RIW243	Matrix	: WATER
Ext Btch ID:	V006112	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	50
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	50
1,1-DICHLOROPROPENE	ND	100	50
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	50
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	4200	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	50
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	26J	100	20
TRICHLOROETHENE	1800	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	250	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/10/10 09:50
Sample ID:	MW-70-PMW01A-A10-D	Date Analyzed:	09/10/10 09:50
Lab Samp ID:	I066-02R	Dilution Factor:	1
Lab File ID:	RIW244	Matrix	: WATER
Ext Btch ID:	V006112	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	0.53J	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	1.1	1.0	0.20
FREON113	9.1	1.0	0.20
1,1-DICHLOROETHANE	5.5	1.0	0.20
1,1-DICHLOROETHENE	5.1	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.78	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	58	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	47	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	3.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	20	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1500E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	7.0	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	1.1	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	28	1.0	0.20
TRICHLOROETHENE	1100E	5.0	0.50
TRICHLOROFLUOROMETHANE	0.22J	2.0	0.20
VINYL CHLORIDE	410E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	86	70-130
TOLUENE-D8	89	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/10/10 08:47
Sample ID:	MW-70-PMW01A-A10-DDL	Date Analyzed:	09/10/10 08:47
Lab Samp ID:	1066-02T	Dilution Factor:	100
Lab File ID:	RIW246	Matrix	: WATER
Ext Btch ID:	V006112	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	20J	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	4400	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	50
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	28J	100	20
TRICHLOROETHENE	1800	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	260	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE D4	101	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/15/10 23:42
Sample ID:	MW-70-PMW01B-A10	Date Analyzed:	09/15/10 23:42
Lab Samp ID:	I066-03R	Dilution Factor:	1
Lab File ID:	RIW366	Matrix	: WATER
Ext Btch ID:	V006119	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	0.32J	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	1.0	1.0	0.20
FREON113	12	1.0	0.20
1,1-DICHLOROETHANE	4.8	1.0	0.20
1,1-DICHLOROETHENE	25	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.70	0.50	0.20
1,2-DICHLOROPROPANE	0.28J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	15	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	19	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	3.4	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.78J	2.0	0.20
CHLOROFORM	26	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1000E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	3.4	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.48J	1.0	0.20
TOLUENE	0.37J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	.86	1.0	0.20
TRICHLOROETHENE	580E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	960E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	93	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/09/10 15:09
Sample ID:	MW-70-PMW01B-A10DL	Date Analyzed:	09/09/10 15:09
Lab Samp ID:	1066-03T	Dilution Factor:	100
Lab File ID:	RIW209	Matrix	: WATER
Ext Btch ID:	V006111	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	24J	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	50
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	50
CHLOROFORM	22J	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	4900	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	82J	100	20
TRICHLOROETHENE	900	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	3000	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/08/10 23:43
Sample ID:	MW-70-PMW06A-A10	Date Analyzed:	09/08/10 23:43
Lab Samp ID:	1066-04	Dilution Factor:	1
Lab File ID:	R10259	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	2.0	1.0	0.20
1,1-DICHLOROETHENE	13	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	1.7	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS 1,2-DICHLOROETHENE	76E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	56	1.0	0.20
TRICHLOROETHENE	19	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	130E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/09/10 15:40
Sample ID:	MW-70-PMW06A-A10DL	Date Analyzed:	09/09/10 15:40
Lab Samp ID:	1066-04T	Dilution Factor:	50
Lab File ID:	RIW210	Matrix	: WATER
Ext Btch ID:	V006111	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: Y-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	11J	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	2700	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	27J	50	10
TRICHLOROETHENE	18J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	95	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/09/10 00:15
Sample ID:	MW-70-PMW06B-A10	Date Analyzed:	09/09/10 00:15
Lab Samp ID:	1066-05	Dilution Factor:	1
Lab File ID:	R10260	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	2.4	1.0	0.20
1,1-DICHLOROETHENE	9.8	0.50	0.50
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.1	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	270E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.30
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.30
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.30
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	51	1.0	0.20
TRICHLOROETHENE	160E	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	9.8	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/09/10 16:11
Sample ID:	MW-70-PMW06B-A100L	Date Analyzed:	09/09/10 16:11
Lab Samp ID:	1066-05T	Dilution Factor:	100
Lab File ID:	RIW211	Matrix	: WATER
Ext Btch ID:	V006111	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	430	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	46J	100	20
TRICHLOROETHENE	4400	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EFC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 1DI066	Date Extracted:	09/09/10 16:43
Sample ID:	MW-70-38-A10	Date Analyzed:	09/09/10 16:43
Lab Samp ID:	1066-06R	Dilution Factor:	1
Lab File ID:	RIW212	Matrix	: WATER
Ext Btch ID:	VD06111	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.40J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2 DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	8.7J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	2.1	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.53J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	17	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	8.0	1.0	0.20
TRICHLOROETHENE	1.3J	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.8	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	89	70-130
TOLUENE-D8	94	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/08/10 16:42
Sample ID:	TB-09/03/10	Date Analyzed:	09/08/10 16:42
Lab Samp ID:	1066-07	Dilution Factor:	1
Lab File ID:	R1Q245	Matrix	: WATER
Ext Btch ID:	V005112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.50
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	0.20
2-CHLOROTOLUENE	ND	1.0	5.0
2-HEXANONE	ND	10	0.20
2,2-DICHLOROPROPANE	ND	1.0	5.0
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	0.20
N-BUTYLBENZENE	ND	1.0	5.0
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	0.20
BENZENE	ND	1.0	5.0
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	1.0	0.20
BROMOFORM	ND	2.0	0.20
CARBON DISULFIDE	ND	1.0	0.30
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	0.50	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	2.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	2.0	0.20
DICHLORODIFLUOROMETHANE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	2.0	0.30
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	1.0	0.20
VINYL CHLORIDE	ND	2.0	0.20
XYLENES (TOTAL)	ND	0.50	0.20
M/P-XYLENES	ND	2.0	0.20
O-XYLENE	ND	1.0	0.50
		1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	105	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101066	Date Extracted:	09/08/10 15:45
Sample ID:	MBLK1W	Date Analyzed:	09/08/10 15:45
Lab Samp ID:	V0051128	Dilution Factor:	1
Lab File ID:	R10243	Matrix	: WATER
Ext Btch ID:	V0051112	% Moisture	: NA
Calib. Ref.:	RH0642	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.50
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	104	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLK1W
LAB SAMP ID: V005112B
LAB FILE ID: RIQ243
DATE EXTRACTED: 09/08/1015:43
DATE ANALYZED: 09/08/1015:43
PREP. BATCH: V005112
CALIB. REF: RHQ642

1
V005112L
RIQ240
09/08/1014:14
09/08/1014:14
V005112
RHQ642

1
V005112C
RIQ241
09/08/1014:44
09/08/1014:44
V005112
RHQ642

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 09/08/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.12	81	10.0	7.99	80	2	60-130	30
Benzene	ND	10.0	8.46	85	10.0	8.59	86	1	70-130	30
Chlorobenzene	ND	10.0	9.47	95	10.0	9.54	95	1	70-130	30
Toluene	ND	10.0	8.86	89	10.0	8.97	90	1	70-130	30
Trichloroethene	ND	10.0	8.29	83	10.0	8.35	83	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.55	95	10.0	10.1	101	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.2	102	70-130
Toluene-d8	10.0	10.5	105	10.0	10.6	106	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/09/10
Batch No.	: 101066	Date Extracted:	09/09/10 13:23
Sample ID:	MBLKZW	Date Analyzed:	09/09/10 13:23
Lab Samp ID:	V0061110	Dilution Factor:	1
Lab File ID:	RIW206	Matrix :	WATER
Ext Btch ID:	V0061111	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	Y-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.50
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.50
1,1-DICHLOROPROPENE	ND	1.0	0.50
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.50
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1DI066
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V0061110	V0061111L	V0061110		
LAB FILE ID:	RIW206	RIW202	RIW203		
DATE EXTRACTED:	09/09/1013:23	09/09/1011:17	09/09/1011:48	DATE COLLECTED:	NA
DATE ANALYZED:	09/09/1013:23	09/09/1011:17	09/09/1011:48	DATE RECEIVED:	09/09/10
PREP. BATCH:	V006111	V006111	V006111		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.2	102	10.0	9.94	99	3	60-130	30
Benzene	ND	10.0	9.82	98	10.0	9.61	96	2	70-130	30
Chlorobenzene	ND	10.0	10.3	103	10.0	10.1	101	2	70-120	30
Toluene	ND	10.0	10.0	100	10.0	9.82	98	2	70-130	30
Trichloroethene	ND	10.0	10.0	100	10.0	9.81	98	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.82	98	10.0	9.98	100	70-140
4-Bromofluorobenzene	10.0	9.41	94	10.0	9.41	94	70-130
Toluene-d8	10.0	9.66	97	10.0	9.61	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101066	Date Extracted:	09/10/10 08:16
Sample ID:	MBLK3W	Date Analyzed:	09/10/10 08:16
Lab Samp ID:	V0061120	Dilution Factor:	1
Lab File ID:	RIW241	Matrix	: WATER
Ext Btch ID:	V0061J2	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	97	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	V006I12Q	V006I12L	V006I12C		
LAB FILE ID:	RIW241	RIW229	RIW230		
DATE EXTRACTED:	09/10/1008:16	09/10/1001:34	09/10/1002:05	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1008:16	09/10/1001:34	09/10/1002:05	DATE RECEIVED:	09/10/10
PREP. BATCH:	V006I12	V006I12	V006I12		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.4	104	10.0	10.6	106	2	60-130	30
Benzene	ND	10.0	10.1	101	10.0	10.5	105	4	70-130	30
Chlorobenzene	ND	10.0	10.5	105	10.0	10.7	107	2	70-120	30
Toluene	ND	10.0	10.3	103	10.0	10.6	106	3	70-130	30
Trichloroethene	ND	10.0	10.3	103	10.0	10.6	106	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.5	105	10.0	10.3	103	70-140
4-Bromofluorobenzene	10.0	9.34	93	10.0	9.73	97	70-130
Toluene-d8	10.0	9.46	95	10.0	9.72	97	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/15/10
Batch No.	: 101066	Date Extracted:	09/15/10 15:23
Sample ID:	MBLK4W	Date Analyzed:	09/15/10 15:23
Lab Samp ID:	V0061190	Dilution Factor:	1
Lab File ID:	RIW350	Matrix	: WATER
Ext Btch ID:	V006119	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2 DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK4W				
LAB SAMP ID:	V006119Q	V006119L	V006119C		
LAB FILE ID:	RIW350	RIW346	RIW347		
DATE EXTRACTED:	09/15/1015:23	09/15/1013:19	09/15/1013:50	DATE COLLECTED:	NA
DATE ANALYZED:	09/15/1015:23	09/15/1013:19	09/15/1013:50	DATE RECEIVED:	09/15/10
PREP. BATCH:	V006119	V006119	V006119		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.99	100	10.0	9.99	100	0	60-130	30
Benzene	ND	10.0	10.3	103	10.0	10.5	105	2	70-130	30
Chlorobenzene	ND	10.0	11.0	110	10.0	11.1	111	1	70-120	30
Toluene	ND	10.0	10.6	106	10.0	10.8	108	2	70-130	30
Trichloroethene	ND	10.0	10.6	106	10.0	10.7	107	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.30	93	10.0	9.21	92	70-140
4-Bromofluorobenzene	10.0	9.50	95	10.0	9.43	94	70-130
Toluene-d8	10.0	9.43	94	10.0	9.48	95	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ636
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101066
BFB Injection Date : 08/20/10
BFB Injection Time : 17:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.49
75	30.0 - 60.0% of mass 95	42.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.90
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	74.45
175	5.0 - 9.0% of mass 174	5.40(7.3)1
176	95.0 - 101.0% of mass 174	71.18(95.6)1
177	5.0 - 9.0% of mass 176	4.81(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	VQ05H201	RHQ637	08/20/10	17:43
2	VSTD0.5	VQ05H202	RHQ638	08/20/10	18:13
3	VSTD01	VQ05H203	RHQ639	08/20/10	18:43
4	VSTD02	VQ05H204	RHQ640	08/20/10	19:14
5	VSTD05	VQ05H205	RHQ641	08/20/10	19:43
6	VSTD010	VQ05H206	RHQ642	08/20/10	20:13
7	VSTD020	VQ05H207	RHQ643	08/20/10	20:43
8	VSTD050	VQ05H208	RHQ644	08/20/10	21:13
9	VSTD040	VQ05H209	RHQ645	08/20/10	21:42
10	VSTD050	VQ05H2010	RHQ646	08/20/10	22:12
11	VSTD100	VQ05H2011	RHQ647	08/20/10	22:41

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHQ652
Instrument ID: TQ05
GC Column: RTX502.21D:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101066
BFB Injection Date : 08/21/10
BFB Injection Time : 08:48
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.44
75	30.0 - 60.0% of mass 95	44.36
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.09
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	71.79
175	5.0 - 9.0% of mass 174	5.44(7.6)1
176	95.0 - 101.0% of mass 174	71.48(99.6)1
177	5.0 - 9.0% of mass 176	4.77(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV005H2002	RHQ653	08/21/10	09:17

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

nstrument ID :T005
ginning Datetime :08/20/10 17:43
ike Units :PPB
File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/20/10 22:41
HPChem Method :V005H20

IDX	Parameters	.5 17:43 RHQ637	.5 18:13 RHQ638	1 18:43 RHQ639	2 19:14 RHQ640	5 19:43 RHQ641	10 20:13 RHQ642	20 20:43 RHQ643	30 21:13 RHQ644	40 21:42 RHQ645	50 22:12 RHQ646	100 22:41 RHQ647	Av_RRF	%_RSD	Av_Rt_M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1948
2	Dichlorodifluoromethane	0.301	0.355	0.287	0.358	0.367	0.362	0.371	0.403	0.378	0.405	0.386	0.361	10.32	2.0234
3	Chloromethane	0.351	0.475	0.397	0.481	0.508	0.486	0.489	0.545	0.501	0.553	0.557	0.486	13.02	2.2995
4	Vinyl chloride	0.292	0.408	0.338	0.404	0.416	0.369	0.349	0.373	0.340	0.375	0.340	0.364	10.19	2.4281
5	Bromomethane	0.268	0.275	0.229	0.234	0.253	0.262	0.281	0.321	0.297	0.344	0.339	0.282	13.96	2.9574
6	Chloroethane	0.229	0.307	0.256	0.307	0.317	0.315	0.318	0.343	0.325	0.351	0.331	0.309	11.69	3.0549
7	Dichlorofluoromethane	0.743	0.727	0.773	0.777	0.836	0.808	0.821	0.870	0.841	0.878	0.884	0.814	6.60	3.1036
8	Trichlorofluoromethane	0.352	0.453	0.370	0.471	0.495	0.483	0.488	0.525	0.500	0.530	0.528	0.472	12.72	3.3784
9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
10	Acrolein	------	0.013	0.011	0.011	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.012	5.74	3.8705
11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.177	0.179	0.190	0.188	0.214	0.207	0.213	0.219	0.214	0.219	0.213	0.203	8.01	3.9294
12	Acetone	------	0.044	0.034	0.033	0.033	0.032	0.033	0.033	0.034	0.036	0.036	0.035	9.97	3.9479
13	1,1-Dichloroethene	0.453	0.451	0.471	0.470	0.513	0.501	0.504	0.522	0.511	0.526	0.525	0.495	5.81	4.1243
14	tert-Butyl alcohol	------	------	0.009	0.011	0.013	0.012	0.011	0.013	0.012	0.013	0.013	0.012	11.33	4.2185
15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	------	------	0.138	0.238	0.345	0.371	0.415	0.446	0.436	0.458	0.410	0.362	29.80	4.5047
17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
18	Methylene chloride	0.470	0.439	0.412	0.405	0.401	0.383	0.393	0.407	0.389	0.404	0.400	0.409	6.06	4.7158
19	Carbon disulfide	------	1.117	1.069	1.338	1.375	1.283	1.333	1.460	1.416	1.561	1.501	1.345	11.69	4.7445
20	Acrylonitrile	0.044	0.038	0.042	0.047	0.048	0.048	0.051	0.051	0.052	0.056	0.057	0.049	11.67	4.8539
21	tert-Butyl methyl ether (MTBE)	0.537	0.468	0.459	0.513	0.544	0.516	0.528	0.536	0.528	0.552	0.541	0.520	5.83	4.9311
22	trans-1,2-Dichloroethene	0.447	0.458	0.476	0.475	0.517	0.501	0.504	0.520	0.514	0.526	0.512	0.495	5.41	5.1057
23	Isopropyl ether (DIPE)	1.024	0.943	0.933	0.985	1.060	1.016	1.026	1.054	1.042	1.076	1.063	1.020	4.71	5.5213
24	Vinyl acetate	------	0.275	0.226	0.339	0.364	0.356	0.337	0.355	0.335	0.362	0.340	0.329	13.46	5.6409
25	1,1-Dichloroethane	0.500	0.499	0.534	0.539	0.571	0.572	0.561	0.598	0.586	0.599	0.591	0.559	6.51	5.6513
26	2-Butanol	------	------	------	0.009	0.009	0.009	0.009	0.011	0.010	0.012	0.011	0.010	11.51	5.9399
27	tert-Butyl ethyl ether (ETBE)	0.693	0.659	0.700	0.776	0.818	0.791	0.798	0.823	0.801	0.834	0.836	0.776	8.00	6.0560
28	2-Butanone	0.058	0.046	0.050	0.056	0.058	0.057	0.058	0.058	0.059	0.064	0.065	0.057	9.58	6.1900
29	2,2-Dichloropropane	0.409	0.389	0.426	0.415	0.446	0.428	0.414	0.425	0.412	0.416	0.406	0.417	3.49	6.3972
30	cis-1,2-Dichloroethene	0.301	0.302	0.320	0.323	0.349	0.337	0.342	0.355	0.345	0.359	0.354	0.335	6.17	6.4499
31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
32	Chloroform	0.455	0.460	0.467	0.470	0.511	0.495	0.499	0.522	0.510	0.527	0.520	0.494	5.37	6.6638
33	Bromochloromethane	0.188	0.172	0.182	0.206	0.215	0.204	0.211	0.218	0.211	0.216	0.209	0.203	7.55	6.8736
34	Dibromofluoromethane	------	------	------	0.303	0.323	0.304	0.319	0.337	0.325	0.350	0.332	0.324	5.01	6.9487
35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	1,1,1-Trichloroethane	0.380	0.410	0.422	0.420	0.460	0.438	0.443	0.457	0.447	0.458	0.450	0.435	5.69	7.2161
37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
38	tert-Amyl methyl ether (TAME)	0.097	0.100	0.100	0.116	0.126	0.124	0.126	0.132	0.126	0.132	0.129	0.119	11.32	7.6073
39	1,2-Dichloroethane-d4	------	------	------	0.210	0.221	0.208	0.217	0.227	0.218	0.236	0.224	0.220	4.17	7.6337
40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.9206
41	1,1-Dichloropropene	0.190	0.187	0.196	0.196	0.213	0.206	0.202	0.212	0.202	0.204	0.198	0.200	4.14	7.4395
42	Carbon tetrachloride	0.429	0.445	0.449	0.462	0.488	0.473	0.469	0.491	0.464	0.472	0.460	0.464	3.90	7.5762
43	1,2-Dichloroethane	0.275	0.282	0.287	0.302	0.321	0.310	0.306	0.318	0.300	0.306	0.303	0.301	4.72	7.7657
44	Benzene	1.652	1.612	1.487	1.448	1.513	1.465	1.439	1.509	1.455	1.477	1.463	1.502	4.59	7.7996
45	Trichloroethene	0.375	0.399	0.425	0.413	0.448	0.442	0.433	0.451	0.435	0.444	0.435	0.427	5.46	8.6795
46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
47	1,2-Dichloropropane	0.339	0.324	0.327	0.330	0.354	0.345	0.341	0.356	0.343	0.352	0.347	0.342	3.18	8.9258
48	Bromodichloromethane	0.386	0.362	0.391	0.393	0.419	0.413	0.412	0.438	0.412	0.430	0.433	0.408	5.63	9.2629
49	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	10.20	9.2846
50	Dibromomethane	0.129	0.140	0.132	0.145	0.154	0.149	0.156	0.162	0.153	0.158	0.158	0.149	7.39	9.3360
51	2-Chloroethyl vinyl ether	------	------	0.077	0.083	0.101	0.095	0.101	0.111	0.102	0.114	0.114	0.100	13.07	9.7247
52	4-Methyl-2-pentanone	0.151	0.149	0.156	0.167	0.175	0.174	0.177	0.177	0.176	0.190	0.187	0.171	7.96	9.7773
53	cis-1,3-Dichloropropene	0.441	0.441	0.454	0.470	0.512	0.504	0.493	0.518	0.491	0.510	0.514	0.486	6.08	10.0900
54	Toluene-d8	------	------	------	1.140	1.221	1.165	1.200	1.316	1.236	1.337	1.267	1.235	5.59	10.4797
55	Toluene	1.302	1.315	1.352	1.325	1.449	1.402	1.409	1.509	1.438	1.494	1.500	1.409	5.45	10.6044
56	Ethyl methacrylate	0.241	0.240	0.232	0.254	0.272	0.264	0.266	0.281	0.263	0.279	0.274	0.261	6.38	10.8711
57	trans-1,3-Dichloropropene	0.314	0.297	0.308	0.335	0.371	0.366	0.363	0.384	0.361	0.382	0.381	0.351	9.08	10.8697
58	1,1,2-Trichloroethane	0.188	0.183	0.178	0.187	0.203	0.195	0.195	0.208	0.196	0.205	0.205	0.195	5.14	11.1188
59	2-Hexanone	0.099	0.084	0.084	0.100	0.107	0.106	0.109	0.110	0.111	0.118	0.114	0.104	10.70	11.1445
60	1,3-Dichloropropane	0.316	0.304	0.311	0.349	0.362	0.354	0.354	0.374	0.355	0.375	0.372	0.348	7.45	11.5222
61	Tetrachloroethene	0.275	0.273	0.272	0.277	0.304	0.295	0.294	0.314	0.298	0.309	0.305	0.292	5.25	11.6549
62	Dibromochloromethane	0.219	0.224	0.238	0.258	0.281	0.277	0.284	0.305	0.286	0.302	0.302	0.271	11.54	11.9446
63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

64	1,2-Dibromoethane	0.181	0.179	0.189	0.197	0.217	0.212	0.213	0.230	0.214	0.225	0.222	0.207	8.54	12.2776
65	1-Chlorohexane	0.606	0.597	0.559	0.575	0.662	0.652	0.652	0.690	0.664	0.680	0.669	0.637	7.04	12.5930
66	Chlorobenzene	0.861	0.860	0.875	0.865	0.955	0.938	0.928	0.992	0.952	0.984	0.969	0.925	5.52	12.9896
67	1,1,1,2-Tetrachloroethane	0.275	0.274	0.284	0.285	0.318	0.313	0.315	0.338	0.323	0.337	0.327	0.308	7.87	13.0641
68	Ethylbenzene	1.444	1.530	1.527	1.527	1.685	1.667	1.679	1.769	1.721	1.747	1.686	1.635	6.61	13.0898
69	m-Xylene & p-Xylene	1.125	1.125	1.162	1.159	1.269	1.258	1.262	1.343	1.287	1.313	------	1.230	6.52	13.2231
70	o-Xylene	1.057	1.097	1.130	1.128	1.246	1.231	1.218	1.287	1.243	1.267	1.240	1.195	6.47	13.9626
71	Styrene	0.808	0.843	0.858	0.886	1.015	0.994	0.983	1.050	1.011	1.026	1.015	0.954	9.08	14.0167
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7774
73	Bromoform	0.384	0.334	0.361	0.392	0.446	0.443	0.454	0.499	0.473	0.487	0.468	0.431	12.64	14.5677
74	Isopropylbenzene	4.830	5.002	4.969	4.975	5.573	5.433	5.461	5.957	5.637	5.712	5.414	5.360	6.81	14.5947
75	1,1,2,2-Tetrachloroethane	0.661	0.660	0.651	0.689	0.742	0.733	0.729	0.792	0.737	0.762	0.723	0.716	6.35	14.8668
76	4-Bromofluorobenzene	1.540	1.357	1.336	1.284	1.380	1.305	1.368	1.506	1.413	1.510	1.344	1.395	6.23	15.0076
77	1,2,3-Trichloropropane	------	0.156	0.156	0.169	0.192	0.182	0.191	0.201	0.189	0.196	0.186	0.182	8.80	15.1244
78	trans-1,4-Dichloro-2-butene	------	0.154	0.161	0.170	0.185	0.190	0.192	0.211	0.196	0.200	------	0.184	10.34	15.2541
79	n-Propylbenzene	5.863	6.118	6.054	6.047	6.830	6.749	6.706	7.291	6.930	7.095	------	6.568	7.67	15.3003
80	Bromobenzene	0.988	0.960	0.994	0.991	1.091	1.073	1.097	1.181	1.120	1.155	------	1.065	7.26	15.3390
81	1,3,5-Trimethylbenzene	3.692	3.864	3.876	3.848	4.325	4.260	4.184	4.523	4.333	4.434	4.151	4.135	6.63	15.5858
82	2-Chlorotoluene	3.834	3.678	3.650	3.746	4.062	4.045	4.028	4.277	4.105	4.155	4.026	3.964	5.19	15.5871
83	4-Chlorotoluene	3.176	3.341	3.265	3.282	3.578	3.474	3.462	3.808	3.616	3.772	3.398	3.470	5.93	15.6765
84	tert-Butylbenzene	0.829	0.850	0.820	0.822	0.977	0.956	0.950	1.018	0.974	0.996	0.947	0.922	8.20	16.2152
85	1,2,4-Trimethylbenzene	3.712	3.661	3.660	3.703	4.135	4.083	4.063	4.380	4.206	4.317	4.097	4.002	6.74	16.2802
86	sec-Butylbenzene	5.064	5.282	5.055	5.215	6.065	5.939	5.915	6.344	6.139	6.254	5.810	5.735	8.51	16.5983
87	p-Isopropyltoluene	4.104	4.151	3.915	4.170	4.819	4.745	4.720	5.031	4.892	4.965	4.719	4.567	8.73	16.8515
88	1,3-Dichlorobenzene	1.776	1.859	1.833	1.827	2.074	2.046	2.057	2.237	2.132	2.199	2.093	2.012	7.99	16.9828
89	1,4-Dichlorobenzene	1.778	1.835	1.714	1.760	1.986	1.984	1.987	2.121	2.049	2.109	2.012	1.940	7.39	17.1736
90	Benzyl Chloride	0.826	0.782	0.829	0.900	1.040	1.018	0.989	1.058	0.981	1.014	0.955	0.945	10.14	17.3767
91	n-Butylbenzene	3.724	3.677	3.489	3.666	4.310	4.286	4.241	4.521	4.411	4.503	4.233	4.097	9.25	17.5933
92	1,2-Dichlorobenzene	1.492	1.476	1.431	1.485	1.645	1.629	1.655	1.763	1.698	1.750	1.654	1.607	7.25	17.8248
93	1,2-Dibromo-3-chloropropane	------	------	0.068	0.087	0.094	0.095	0.098	0.106	0.103	0.108	0.106	0.096	13.00	18.9533
94	1,2,4-Trichlorobenzene	0.747	0.758	0.719	0.802	0.953	0.963	0.981	1.034	1.020	1.066	0.986	0.912	14.10	19.9352
95	Hexachlorobutadiene	0.522	0.580	0.507	0.508	0.631	0.619	0.619	0.644	0.636	0.664	0.616	0.595	9.58	20.0922
96	Naphthalene	------	1.168	1.051	1.201	1.432	1.446	1.507	1.589	1.586	1.681	1.585	1.425	14.94	20.1844
97	1,2,3-Trichlorobenzene	0.568	0.589	0.550	0.613	0.723	0.740	0.752	0.767	0.780	0.799	0.731	0.692	13.38	20.4401

ɔike Amount = Nominal Amount * M
ve_%RSD : 8.3 Max_%RSD : 29.8

: Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
sp_Ratio = xo + x1 * Amt_Ratio

	Parameter	x0	x1	CCF
(	Iodomethane	-0.03378	0.43470	0.9985

SW 8/24/10

2028

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

istrument ID :T005
-ginning DateTime :08/20/10 17:43
ike Units :PPB
: File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/20/10 22:41
HPChem Method :V005H20

IDX	Parameters	.5 17:43 RHQ637	.5 18:13 RHQ638	1 18:43 RHQ639	2 19:14 RHQ640	5 19:43 RHQ641	10 20:13 RHQ642	20 20:43 RHQ643	30 21:13 RHQ644	40 21:42 RHQ645	50 22:12 RHQ646	100 22:41 RHQ647	AvDRec	% RSD	Av Rt M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1948
2	Dichlorodifluoromethane	83	98	80	99	102	100	103	112	105	112	107	7.3	10.32	2.0234
3	Chloromethane	72	98	82	99	105	100	101	112	103	114	115	8.9	13.02	2.2995
4	Vinyl chloride	80	112	93	111	114	101	96	102	93	103	93	8	10.19	2.4281
5	Bromomethane	95	98	81	83	90	93	100	114	105	122	120	11.1	13.96	2.9574
6	Chloroethane	74	99	83	99	103	102	103	111	105	114	107	8.1	11.69	3.0549
7	Dichlorofluoromethane	91	89	95	95	103	99	101	107	103	108	109	5.5	6.60	3.1036
8	Trichlorofluoromethane	75	96	78	100	105	102	103	111	106	112	112	9.4	12.72	3.3784
9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
10	Acrolein	------	108	92	92	100	100	100	100	100	108	108	4.2	5.74	3.8705
11	1,1,2-Trichloro-1,2,2-trifluoroethane	87	88	94	93	105	102	105	108	105	108	105	7	8.01	3.9294
12	Acetone	------	126	97	94	94	91	94	94	97	103	103	6.9	9.97	3.9479
13	1,1-Dichloroethene	92	91	95	95	104	101	102	105	103	106	106	5	5.81	4.1243
14	tert-Butyl alcohol	------	------	75	92	108	100	92	108	100	108	108	8.3	11.33	4.2185
15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	------	------	109	94	95	93	99	105	102	107	95	5.2	6.2	4.5047
17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
18	Methylene chloride	115	107	101	99	98	94	96	100	95	99	98	4.1	6.06	4.7158
19	Carbon disulfide	------	83	79	99	102	95	99	109	105	116	112	8.7	11.69	4.7445
20	Acrylonitrile	90	78	86	96	98	98	104	104	106	114	116	9.1	11.67	4.8539
21	tert-Butyl methyl ether (MTBE)	103	90	88	99	105	99	102	103	102	106	104	4.4	5.83	4.9311
22	trans-1,2-Dichloroethene	90	93	96	96	104	101	102	105	104	106	103	4.6	5.41	5.1057
23	Isopropyl ether (DIPE)	100	92	91	97	104	100	101	103	102	105	104	3.6	4.71	5.5213
24	Vinyl acetate	------	84	69	103	111	108	102	108	102	110	103	9.5	13.46	5.6409
25	1,1-Dichloroethane	89	89	96	96	102	102	100	107	105	107	106	5.4	6.51	5.6513
26	2-Butanol	------	------	------	90	90	90	90	110	100	120	110	10	11.51	5.9399
27	tert-Butyl ethyl ether (ETBE)	89	85	90	100	105	102	103	106	103	107	108	6.4	8.00	6.0560
28	2-Butanone	102	81	88	98	102	100	102	102	104	112	114	6.4	9.58	6.1900
29	2,2-Dichloropropane	98	93	102	100	107	103	99	102	99	100	97	2.5	3.49	6.3972
30	cis-1,2-Dichloroethene	90	90	96	96	104	101	102	106	103	107	106	5.2	6.17	6.4499
31	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
32	Chloroform	92	93	95	95	103	100	101	106	103	107	105	4.6	5.37	6.6638
33	Bromochloromethane	93	85	90	101	106	100	104	107	104	106	103	6	7.55	6.8736
34	Dibromofluoromethane	------	------	------	94	100	94	98	104	100	108	102	3.7	5.01	6.9487
35	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	1,1,1-Trichloroethane	87	94	97	97	106	101	102	105	103	105	103	4.5	5.69	7.2161
37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
38	tert-Amyl methyl ether (TAME)	82	84	84	97	106	104	106	111	106	111	108	9.5	11.32	7.6073
39	1,2-Dichloroethane-d4	------	------	------	95	100	95	99	103	99	107	102	3.1	4.17	7.6337
40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	12.9206
41	1,1-Dichloropropene	95	94	98	98	106	103	101	106	101	102	99	3.3	4.14	7.4395
42	Carbon tetrachloride	92	96	97	100	105	102	101	106	100	102	99	2.9	3.90	7.5762
43	1,2-Dichloroethane	91	94	95	100	107	103	102	106	100	102	101	3.6	4.72	7.7657
44	Benzene	110	107	99	96	101	98	96	100	97	98	97	3.4	4.59	7.7996
45	Trichloroethene	88	93	100	97	105	104	101	106	102	104	102	4.2	5.46	8.6795
46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
47	1,2-Dichloropropane	99	95	96	96	104	101	100	104	100	103	101	2.5	3.18	8.9258
48	Bromodichloromethane	95	89	96	96	103	101	101	107	101	105	106	4.5	5.63	9.2629
49	1,4-Dioxane	------	------	100	100	100	100	100	100	100	100	100	0	10.20	9.2846
50	Dibromomethane	87	94	89	97	103	100	105	109	103	106	106	5.9	7.39	9.3360
51	2-Chloroethyl vinyl ether	------	------	77	83	101	95	101	111	102	114	114	9.8	13.07	9.7247
52	4-Methyl-2-pentanone	88	87	91	98	102	102	104	104	103	111	109	6.4	7.96	9.7773
53	cis-1,3-Dichloropropene	91	91	93	97	105	104	101	107	101	105	106	5.2	6.08	10.0900
54	Toluene-d8	------	------	------	92	99	94	97	107	100	108	103	4.4	5.59	10.4797
55	Toluene	92	93	96	94	103	100	100	107	102	106	106	4.5	5.45	10.6044
56	Ethyl methacrylate	92	92	89	97	104	101	102	108	101	107	105	5.2	6.38	10.8711
57	trans-1,3-Dichloropropene	89	85	88	95	106	104	103	109	103	109	109	7.8	9.08	10.8697
58	1,1,2-Trichloroethane	96	94	91	96	104	100	100	107	101	105	105	4	5.14	11.1188
59	2-Hexanone	95	81	81	96	103	102	105	106	107	113	110	8.4	10.70	11.1445
60	1,3-Dichloropropane	91	87	89	100	104	102	102	107	102	108	107	5.9	7.45	11.5222
61	Tetrachloroethene	94	93	93	95	104	101	101	108	102	106	104	4.5	5.25	11.6549
62	Dibromochloromethane	81	83	88	95	104	102	105	113	106	111	111	9.6	11.54	11.9446
63	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000

64	1,2-Dibromoethane	87	86	91	95	105	102	103	111	103	109	107	7.3	8.54	12.2776
65	1-Chlorohexane	95	94	88	90	104	102	102	108	104	107	105	6	7.04	12.5930
66	Chlorobenzene	93	93	95	94	103	101	100	107	103	106	105	4.7	5.52	12.9896
67	1,1,1,2-Tetrachloroethane	89	89	92	93	103	102	102	110	105	109	106	6.8	7.87	13.0641
68	Ethylbenzene	88	94	93	93	103	102	103	108	105	107	103	5.7	6.61	13.0898
69	m-Xylene & p-Xylene	91	91	94	94	103	102	103	109	105	107	------	5.7	6.52	13.2231
70	o-Xylene	88	92	95	94	104	103	102	108	104	106	104	5.6	6.47	13.9626
71	Styrene	85	88	90	93	106	104	103	110	106	108	106	8	9.08	14.0167
72	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	17.7774
73	Bromoform	89	77	84	91	103	103	105	116	110	113	109	10.7	12.64	14.5677
74	Isopropylbenzene	90	93	93	93	104	101	102	111	105	107	101	5.6	6.81	14.5947
75	1,1,2,2-Tetrachloroethane	92	92	91	96	104	102	102	111	103	106	101	5.2	6.35	14.8668
76	4-Bromofluorobenzene	110	97	96	92	99	94	98	108	101	108	96	5.1	6.23	15.0076
77	1,2,3-Trichloropropane	------	86	86	93	105	100	105	110	104	108	102	7	8.80	15.1244
78	trans-1,4-Dichloro-2-butene	------	84	88	92	101	103	104	115	107	109	------	8.3	10.34	15.2541
79	n-Propylbenzene	89	93	92	92	104	103	102	111	106	108	------	6.7	7.67	15.3003
80	Bromobenzene	93	90	93	93	102	101	103	111	105	108	------	6.1	7.26	15.3390
81	1,3,5-Trimethylbenzene	89	93	94	93	105	103	101	109	105	107	100	5.6	6.63	15.5858
82	2-Chlorotoluene	97	93	92	95	102	102	102	108	104	105	102	4.4	5.19	15.5871
83	4-Chlorotoluene	92	96	94	95	103	100	100	110	104	109	98	4.7	5.93	15.6765
84	tert-Butylbenzene	90	92	89	89	106	104	103	110	106	108	103	7.2	8.20	16.2152
85	1,2,4-Trimethylbenzene	93	91	91	93	103	102	102	109	105	108	102	5.8	6.74	16.2802
86	sec-Butylbenzene	88	92	88	91	106	104	103	111	107	109	101	7.4	8.51	16.5983
87	p-Isopropyltoluene	90	91	86	91	106	104	103	110	107	109	103	7.7	8.73	16.8515
88	1,3-Dichlorobenzene	88	92	91	91	103	102	102	111	106	109	104	6.8	7.99	16.9828
89	1,4-Dichlorobenzene	92	95	88	91	102	102	102	109	106	109	104	6.3	7.39	17.1736
90	Benzyl Chloride	87	83	88	95	110	108	105	112	104	107	101	8.5	10.14	17.3767
91	n-Butylbenzene	91	90	85	89	105	105	104	110	108	110	103	8.1	9.25	17.5933
92	1,2-Dichlorobenzene	93	92	89	92	102	101	103	110	106	109	103	6.2	7.25	17.8248
93	1,2-Dibromo-3-chloropropane	------	------	71	91	98	99	102	110	107	112	110	9.4	13.00	18.9533
94	1,2,4-Trichlorobenzene	82	83	79	88	104	106	108	113	112	117	108	12.4	14.10	19.9352
95	Hexachlorobutadiene	88	97	85	85	106	104	104	108	107	112	104	8.1	9.58	20.0922
96	Naphthalene	------	82	74	84	100	101	106	112	111	118	111	12	14.94	20.1844
97	1,2,3-Trichlorobenzene	82	85	79	89	104	107	109	111	113	115	106	11.8	13.38	20.4401

2031

SECOND SOURCE VERIFICATION

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1W058
Instrument ID: 1006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70,
SAS No.: SDG No.: 101066
BFB Injection Date : 09/02/10
BFB Injection Time : 17:36
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.24
75	30.0 - 60.0% of mass 95	43.63
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.40
175	5.0 - 9.0% of mass 174	6.87(7.9)1
176	95.0 - 101.0% of mass 174	83.81(97.0)1
177	5.0 - 9.0% of mass 176	5.57(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V0061021	R1W059	09/02/10	18:08
2	VSTD0.5	V0061022	R1W060	09/02/10	18:39
3	VSTD01	V0061023	R1W061	09/02/10	19:12
4	VSTD02	V0061024	R1W062	09/02/10	19:45
5	VSTD05	V0061025	R1W063	09/02/10	20:18
6	VSTD010	V0061026	R1W064	09/02/10	20:49
7	VSTD020	V0061027	R1W065	09/02/10	21:22
8	VSTD030	V0061028	R1W066	09/02/10	21:54
9	VSTD040	V0061029	R1W067	09/02/10	22:26
10	VSTD050	V0610210	R1W068	09/02/10	22:57
11	VSTD100	V0610211	R1W069	09/02/10	23:29

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXI Case No.:
Lab File ID: RIW199
Instrument ID: TQ06
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70,
SAS No.: SDG No.: 101066
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.15
175	5.0 - 9.0% of mass 174	5.90(7.2)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV0061020 3	RIW200	09/09/10	10:05

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :MD06
Beginning DateTime :09/02/10 18:08
Spike Units :PPB
IC File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V006102

*	IDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	0.236	0.295	0.295	0.308	0.330	0.314	0.315	0.349	0.318	0.301	0.323	0.308	9.31	1.9159
	3	Chloromethane	0.361	0.325	0.355	0.393	0.407	0.406	0.426	0.461	0.438	0.416	0.431	0.402	10.04	2.1753
	4	Vinyl chloride	0.276	0.327	0.367	0.384	0.386	0.359	0.297	0.272	------	------	------	0.334	14.14	2.3165
	5	Bromomethane	------	0.216	0.245	0.277	0.259	0.264	0.272	0.286	0.279	0.272	0.283	0.265	8.02	2.8413
	6	Chloroethane	0.185	0.199	0.251	0.252	0.247	0.245	0.241	0.255	0.247	0.239	0.246	0.237	9.68	2.9386
	7	Dichlorofluoromethane	0.538	0.545	0.592	0.515	0.577	0.586	0.582	0.580	0.576	0.556	0.574	0.565	4.25	2.9818
	8	Trichlorofluoromethane	------	0.325	0.339	0.379	0.400	0.384	0.388	0.426	0.398	0.377	0.399	0.382	7.81	3.2500
5	9	Acrolein	------	------	------	0.004	0.005	0.005	0.006	0.007	0.006	0.006	------	0.006	15.72	3.7679
5	10	Acetone	------	------	------	0.031	0.034	0.030	0.029	0.035	0.028	0.028	0.030	0.031	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.185	0.172	0.175	0.159	0.181	0.182	0.182	0.190	0.182	0.174	0.187	0.179	4.84	3.8019
	12	1,1-Dichloroethene	0.411	0.415	0.451	0.428	0.457	0.457	0.459	0.471	0.456	0.429	0.453	0.444	4.48	4.0194
5	13	tert-Butyl alcohol	------	0.013	0.020	0.015	0.017	0.017	0.017	0.018	0.016	0.015	0.017	0.017	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	0.452	0.480	0.538	0.490	0.525	0.539	0.549	0.539	0.550	0.528	0.564	0.521	6.57	4.4247
	17	Methylene chloride	------	0.464	0.427	0.384	0.389	0.386	0.382	0.372	0.360	0.341	0.353	0.386	9.34	4.6529
5	18	Acrylonitrile	0.046	0.043	0.061	0.046	0.057	0.049	0.050	0.061	0.048	0.047	0.052	0.051	12.28	4.8138
	19	Carbon disulfide	------	0.933	1.162	1.089	1.197	1.140	1.180	1.292	1.259	1.202	1.254	1.171	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	0.393	0.391	0.435	0.390	0.446	0.428	0.429	0.471	0.441	0.421	0.473	0.429	6.81	4.8476
	21	trans-1,2-Dichloroethene	0.412	0.424	0.467	0.439	0.466	0.470	0.469	0.462	0.463	0.436	0.454	0.451	4.49	5.0407
	22	Isopropyl ether (DIPE)	0.994	0.940	1.015	0.984	1.039	1.086	1.099	1.008	1.054	0.997	1.036	1.023	4.51	5.4663
	23	Vinyl acetate	------	0.265	0.314	0.269	0.306	0.282	0.283	0.337	0.282	0.266	0.288	0.289	8.03	5.6277
	24	1,1-Dichloroethane	0.527	0.499	0.515	0.512	0.546	0.560	0.565	0.541	0.554	0.521	0.543	0.535	4.03	5.6284
5	25	2-Butanol	------	------	------	0.011	0.012	0.010	0.011	0.014	0.011	0.011	0.013	0.011	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	0.499	0.513	0.524	0.517	0.553	0.573	0.593	0.584	0.599	0.587	0.641	0.562	7.91	6.0364
5	27	2-Butanone	------	------	0.078	0.061	0.073	0.062	0.064	0.079	0.062	0.060	0.067	0.067	11.17	6.2094
	28	2,2-Dichloropropane	0.276	0.284	0.285	0.262	0.291	0.269	0.275	0.277	0.263	0.242	0.251	0.271	5.57	6.4147
	29	cis-1,2-Dichloroethene	0.357	0.370	0.355	0.341	0.360	0.364	0.366	0.353	0.358	0.342	0.355	0.356	2.52	6.4863
	30	Chloroform	0.469	0.464	0.488	0.470	0.491	0.510	0.512	0.484	0.498	0.472	0.492	0.486	3.36	6.7106
	31	Bromochloromethane	0.205	0.207	0.229	0.205	0.230	0.229	0.227	0.234	0.220	0.208	0.219	0.219	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	0.299	0.307	0.314	0.325	0.325	0.329	0.314	0.316	0.316	3.23	7.0218
	34	1,1,1-Trichloroethane	0.343	0.321	0.355	0.342	0.380	0.385	0.393	0.388	0.388	0.365	0.389	0.368	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	0.073	0.080	0.081	0.087	0.092	0.099	0.102	0.099	0.098	0.110	0.092	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	0.220	0.235	0.217	0.222	0.243	------	------	------	0.228	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	0.142	0.161	0.179	0.164	0.185	0.180	0.186	0.189	0.189	0.177	0.196	0.177	8.90	7.5266
	40	Carbon tetrachloride	0.284	0.295	0.326	0.324	0.370	0.369	0.376	0.387	0.389	0.364	0.404	0.353	11.28	7.6766
	41	1,2-Dichloroethane	0.273	0.260	0.311	0.266	0.303	0.285	0.286	0.302	0.275	0.259	0.284	0.282	6.24	7.9076
	42	Benzene	1.457	1.429	1.438	1.402	1.476	1.451	1.470	1.419	1.459	1.374	1.465	1.440	2.19	7.9319
	43	Trichloroethene	0.392	0.368	0.389	0.389	0.411	0.419	0.430	0.419	0.433	0.411	0.450	0.410	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	0.314	0.327	0.336	0.325	0.346	0.355	0.361	0.346	0.355	0.336	0.362	0.342	4.68	9.1505
23	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	0.297	0.307	0.339	0.328	0.369	0.377	0.400	0.391	0.398	0.381	0.425	0.365	11.32	9.5288
	48	Dibromomethane	0.141	0.128	0.150	0.138	0.168	0.149	0.157	0.171	0.153	0.146	0.164	0.151	8.67	9.6193

See
CVT110

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	0.214	0.158	0.203	0.172	0.176	0.215	0.173	0.170	0.194	0.186	11.18	10.0683
51	cis-1,3-Dichloropropene	0.374	0.362	0.394	0.396	0.453	0.468	0.487	0.486	0.488	0.468	0.517	0.445	12.05	10.4218
52	Toluene-d8	------	------	------	1.327	1.355	1.327	1.381	1.363	1.418	1.333	1.357	1.357	2.27	10.8262
53	Toluene	1.433	1.393	1.451	1.412	1.507	1.514	1.528	1.456	1.502	1.417	1.499	1.465	3.22	10.9636
54	Ethyl methacrylate	------	0.199	0.249	0.219	0.283	0.255	0.266	0.300	0.269	0.260	0.303	0.260	12.58	11.2526
55	trans-1,3-Dichloropropene	------	0.234	0.284	0.262	0.321	0.325	0.343	0.355	0.343	0.327	0.368	0.316	13.56	11.2750
5 56	2-Hexanone	------	------	0.128	0.102	0.131	0.112	0.114	0.141	0.113	0.110	0.128	0.120	10.54	11.5527
57	1,1,2-Trichloroethane	0.185	0.175	0.222	0.191	0.226	0.207	0.209	0.224	0.204	0.194	0.218	0.205	8.34	11.5445
58	1,3-Dichloropropane	0.343	0.345	0.412	0.352	0.416	0.387	0.394	0.422	0.390	0.367	0.412	0.386	7.66	11.9890
59	Tetrachloroethene	0.293	0.279	0.290	0.295	0.329	0.329	0.329	0.323	0.327	0.304	0.326	0.311	6.14	12.1011
60	Dibromochloromethane	------	0.179	0.199	0.187	0.230	0.234	0.255	0.267	0.257	0.246	------	0.228	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	0.188	0.178	0.201	0.184	0.223	0.206	0.212	0.237	0.213	0.203	0.234	0.207	9.33	12.8198
63	1-Chlorohexane	0.479	0.476	0.533	0.528	0.633	0.619	0.629	0.628	0.608	0.558	0.588	0.571	10.42	13.1089
64	Chlorobenzene	0.901	0.876	0.905	0.889	0.948	0.969	0.989	0.943	0.973	0.917	0.977	0.935	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	0.245	0.228	0.243	0.258	0.283	0.295	0.307	0.288	0.303	0.288	0.315	0.278	10.51	13.6574
66	Ethylbenzene	1.487	1.479	1.530	1.536	1.652	1.668	1.683	1.599	1.605	1.476	1.507	1.566	5.01	13.6764
2 67	m-Xylene & p-Xylene	1.123	1.113	1.118	1.155	1.221	1.240	1.246	1.182	1.207	1.120	1.132	1.169	4.46	13.8142
68	o-Xylene	1.080	1.125	1.116	1.153	1.241	1.277	1.300	1.229	1.257	1.165	1.220	1.197	6.07	14.6315
69	Styrene	------	0.634	0.693	0.727	0.844	0.888	0.940	0.908	0.947	0.901	0.975	0.846	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	3.643	3.663	3.630	3.826	4.317	4.248	4.363	4.083	4.255	3.982	4.046	4.005	6.95	15.3124
72	Bromoform	------	0.189	0.278	0.242	0.312	0.290	0.325	0.371	0.353	0.345	------	0.301	19.34	15.3411
73	1,1,2,2-Tetrachloroethane	0.556	0.564	0.737	0.581	0.729	0.626	0.646	0.742	0.659	0.637	0.722	0.654	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	1.104	1.145	1.111	1.181	1.149	1.225	1.168	1.166	1.156	3.35	15.7898
75	1,2,3-Trichloropropane	------	0.141	0.203	0.150	0.186	0.159	0.162	0.191	0.167	0.162	0.184	0.170	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	0.132	0.093	0.127	0.109	0.125	0.141	0.129	0.127	0.137	0.124	11.87	15.4051
77	n-Propylbenzene	4.415	4.440	4.487	4.702	5.440	5.343	5.425	5.084	5.189	4.817	4.891	4.930	7.94	16.0839
78	Bromobenzene	0.840	0.836	0.903	0.906	0.958	0.946	0.972	0.937	0.991	0.948	0.992	0.930	5.77	16.1649
79	1,3,5-Trimethylbenzene	2.733	2.618	2.724	2.910	3.290	3.349	3.356	3.071	3.188	2.978	3.123	3.031	8.60	16.3878
80	2-Chlorotoluene	3.082	2.995	3.010	3.079	3.434	3.404	3.224	3.156	3.121	3.136	3.143	3.162	4.50	16.4230
81	4-Chlorotoluene	2.653	2.511	2.503	2.580	2.651	2.672	2.945	2.555	2.950	2.530	2.641	2.654	5.92	16.5148
82	tert-Butylbenzene	0.644	0.648	0.654	0.696	0.832	0.831	0.843	0.783	0.799	0.751	0.824	0.755	10.65	17.0822
83	1,2,4-Trimethylbenzene	2.726	2.675	2.691	2.846	3.171	3.229	3.277	2.971	3.083	2.898	3.023	2.963	7.25	17.1566
84	sec-Butylbenzene	3.641	3.537	3.562	3.833	4.660	4.627	4.609	4.304	4.270	4.019	4.338	4.127	10.46	17.4997
85	p-Isopropyltoluene	------	2.648	2.625	2.882	3.500	3.579	3.595	3.277	3.318	3.121	3.389	3.193	11.38	17.7692
86	1,3-Dichlorobenzene	1.719	1.655	1.673	1.664	1.843	1.884	1.927	1.775	1.868	1.770	1.846	1.784	5.40	17.9401
87	1,4-Dichlorobenzene	1.681	1.580	1.566	1.623	1.785	1.830	1.851	1.722	1.804	1.700	1.790	1.721	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	2.188	2.245	2.533	3.156	3.333	3.294	3.015	2.980	2.828	3.020	2.859	14.28	18.4736
90	1,2-Dichlorobenzene	1.405	1.323	1.377	1.383	1.525	1.540	1.573	1.472	1.522	1.443	1.533	1.463	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	0.068	0.063	0.087	0.074	0.087	0.108	0.093	0.093	------	0.084	17.73	19.8122
92	1,2,4-Trichlorobenzene	------	0.607	0.631	0.654	0.803	0.893	0.907	0.843	0.850	0.807	0.875	0.787	14.39	20.9153
93	Hexachlorobutadiene	------	0.386	0.386	0.451	0.538	0.575	0.553	0.496	0.544	0.529	0.591	0.505	14.67	21.0907
94	Naphthalene	------	------	0.927	0.827	1.105	1.067	1.146	1.351	1.170	1.158	1.285	1.115	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	0.442	0.473	0.473	0.583	0.640	0.656	0.644	0.622	0.609	0.656	0.580	14.53	21.5870

Spike Amount = Nominal Amount * M

Ave_%RSD : 8.6 Max_%RSD : 19.3

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = xo + x1 * Amt_Ratio

SL 9/17/10

ID	Parameter	x0	x1	CCF
9	Acrolein	-0.00260	0.00637	0.9952
72	Bromoform	-0.01112	0.34910	0.9982
91	1,2-Dibromo-3-chloropropane	-0.00473	0.09553	0.9953

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

nstrument ID :TQ06
eginning DateTime :09/02/10 18:08
pike Units :PPB
C File :R1W064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
KPChem Method :VOC6ID2

	IDX	Parameters	.3 18:38 R1W059	.5 18:39 R1W060	1 19:12 R1W061	2 19:45 R1W062	5 20:18 R1W063	10 20:49 R1W064	20 21:22 R1W065	30 21:54 R1W066	40 22:26 R1W067	50 22:57 R1W068	100 23:29 R1W069	AvORec	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	77	96	96	100	107	102	102	113	103	98	105	6.1	9.31	1.9159
	3	Chloromethane	90	87	88	98	101	101	106	115	109	103	107	7.8	10.04	2.1753
	4	Vinyl chloride	83	98	110	115	116	107	89	81	------	------	------	12.1	14.14	2.3165
	5	Bromomethane	------	82	92	105	98	100	103	108	105	103	107	5.8	8.02	2.8413
	6	Chloroethane	78	84	106	106	104	103	102	108	104	101	104	6.9	9.68	2.9386
	7	Dichlorofluoromethane	95	96	105	91	102	104	103	103	102	98	102	3.5	4.25	2.9818
	8	Trichlorofluoromethane	------	85	89	99	105	101	102	112	104	99	104	5.5	7.81	3.2500
5	9	Acrolein	------	------	------	108	100	91	91	115	96	100	------	6.4	8.9	3.7679
5	10	Acetone	------	------	------	100	110	97	94	113	90	90	97	6.9	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	103	96	98	89	101	102	102	106	102	97	104	3.7	4.84	3.8019
	12	1,1-Dichloroethene	93	93	102	96	103	103	103	106	103	97	102	3.9	4.48	4.0194
5	13	tert-Butyl alcohol	------	76	118	88	100	100	100	106	94	88	100	7.6	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	87	92	98	94	101	103	105	103	106	101	108	5.3	6.57	4.4247
	17	Methylene chloride	------	120	111	99	101	100	99	96	93	88	91	6.4	9.34	4.6529
5	18	Acrylonitrile	90	84	120	90	112	96	98	120	94	92	102	9.6	12.28	4.8138
	19	Carbon disulfide	------	83	99	93	102	97	101	110	108	103	107	6.1	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	92	91	101	91	104	100	100	110	103	98	110	5.1	6.81	4.8476
	21	trans-1,2-Dichloroethene	91	94	104	97	103	104	104	102	103	97	101	3.8	4.49	5.0407
	22	Isopropyl ether (DIPE)	97	92	99	96	102	106	107	99	103	97	101	3.5	4.51	5.4663
	23	Vinyl acetate	------	92	109	93	106	98	98	117	98	92	100	6.1	8.03	5.6277
	24	1,1-Dichloroethane	99	93	96	96	102	105	106	101	104	97	101	3.4	4.03	5.6284
5	25	2-Butanol	------	------	------	100	109	91	100	127	100	100	118	8	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	89	91	93	92	98	102	106	104	107	104	114	6.6	7.91	6.0364
5	27	2-Butanone	------	------	116	91	109	93	96	118	93	90	100	9.1	11.17	6.2094
	28	2,2-Dichloropropane	102	105	105	97	107	99	101	102	97	89	93	4.4	5.57	6.4147
	29	cis-1,2-Dichloroethene	100	104	100	96	101	102	103	99	101	96	100	1.9	2.52	6.4863
	30	Chloroform	97	95	100	97	101	105	105	100	102	97	101	2.7	3.36	6.7106
	31	Bromochloromethane	94	95	105	94	105	105	104	107	100	95	100	4.4	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	95	97	99	103	103	104	99	100	2.4	3.23	7.0218
	34	1,1,1-Trichloroethane	93	87	96	93	103	105	107	105	105	99	106	5.7	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	79	87	88	95	100	108	111	108	107	120	10.3	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	96	103	95	97	107	------	------	------	4.1	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	80	91	101	93	105	102	105	107	107	100	111	6.6	8.90	7.5266
	40	Carbon tetrachloride	80	84	92	92	105	105	107	110	110	103	114	9.6	11.28	7.6766
	41	1,2-Dichloroethane	97	92	110	94	107	101	101	107	98	92	101	5	6.24	7.9076
	42	Benzene	101	99	100	97	102	101	102	99	101	95	102	1.7	2.19	7.9319
	43	Trichloroethene	96	90	95	95	100	102	105	102	106	100	110	4.5	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	92	96	98	95	101	104	106	101	104	98	106	3.9	4.68	9.1505
0	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	81	84	93	90	101	103	110	107	109	104	116	9.3	11.32	9.5288
	48	Dibromomethane	93	85	99	91	111	99	104	113	101	97	109	6.7	8.67	9.6193

SW
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49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	115	85	109	92	95	116	93	91	104	9.7	11.18	10.0683
51	cis-1,3-Dichloropropene	84	81	89	89	102	105	109	109	110	105	116	10.3	12.05	10.4218
52	Toluene-d8	------	------	------	98	100	98	102	100	104	98	100	1.6	2.27	10.8262
53	Toluene	98	95	99	96	103	103	104	99	103	97	102	2.8	3.22	10.9636
54	Ethyl methacrylate	------	77	96	84	109	98	102	115	103	100	117	9.2	12.58	11.2526
55	trans-1,3-Dichloropropene	------	74	90	83	102	103	109	112	109	103	116	10.7	13.56	11.2750
5 56	2-Hexanone	------	------	107	85	109	93	95	118	94	92	107	9	10.54	11.5527
57	1,1,2-Trichloroethane	90	85	108	93	110	101	102	109	100	95	106	6.7	8.34	11.5445
58	1,3-Dichloropropane	89	89	107	91	108	100	102	109	101	95	107	6.3	7.66	11.9890
59	Tetrachloroethene	94	90	93	95	106	106	106	104	105	98	105	5.6	6.14	12.1011
60	Dibromochloromethane	------	79	87	82	101	103	112	117	113	108	------	11.7	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	91	86	97	89	108	100	102	114	103	98	113	7.3	9.33	12.8198
63	1-Chlorohexane	84	83	93	92	111	108	110	110	106	98	103	8.9	10.42	13.1089
64	Chlorobenzene	96	94	97	95	101	104	106	101	104	98	104	3.7	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	88	82	87	93	102	106	110	104	109	104	113	8.9	10.51	13.6574
66	Ethylbenzene	95	94	98	98	105	107	107	102	102	94	96	4.4	5.01	13.6764
2 67	m-Xylene & p-Xylene	96	95	96	99	104	106	107	101	103	96	97	3.9	4.46	13.8142
68	o-Xylene	90	94	93	96	104	107	109	103	105	97	102	5.2	6.07	14.6315
69	Styrene	------	75	82	86	100	105	111	107	112	107	115	11.5	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	91	91	91	96	108	106	109	102	106	99	101	5.8	6.95	15.3124
72	Bromoform	------	118	112	85	96	86	95	107	102	100	------	8.6	11	15.3411
73	1,1,2,2-Tetrachloroethane	85	86	113	89	111	96	99	113	101	97	110	8.8	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	96	99	96	102	99	106	101	101	2.5	3.35	15.7898
75	1,2,3-Trichloropropane	------	83	119	88	109	94	95	112	98	95	108	9.6	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	106	75	102	88	101	114	104	102	110	8.6	11.87	15.4051
77	n-Propylbenzene	90	90	91	95	110	108	110	103	105	98	99	6.7	7.94	16.0839
78	Bromobenzene	90	90	97	97	103	102	105	101	107	102	107	4.6	5.77	16.1649
79	1,3,5-Trimethylbenzene	90	86	90	96	109	110	111	101	105	98	103	7.1	8.60	16.3878
80	2-Chlorotoluene	97	95	95	97	109	108	102	100	99	99	99	3.3	4.50	16.4230
81	4-Chlorotoluene	100	95	94	97	100	101	111	96	111	95	100	4.2	5.92	16.5148
82	tert-Butylbenzene	85	86	87	92	110	110	112	104	106	99	109	9.2	10.65	17.0822
83	1,2,4-Trimethylbenzene	92	90	91	96	107	109	111	100	104	98	102	6	7.25	17.1566
84	sec-Butylbenzene	88	86	86	93	113	112	112	104	103	97	105	9	10.46	17.4997
85	p-Isopropyltoluene	------	83	82	90	110	112	113	103	104	98	106	9.4	11.38	17.7692
86	1,3-Dichlorobenzene	96	93	94	93	103	106	108	99	105	99	103	4.6	5.40	17.9401
87	1,4-Dichlorobenzene	98	92	91	94	104	106	108	100	105	99	104	4.8	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	77	79	89	110	117	115	105	104	99	106	11.5	14.28	18.4736
90	1,2-Dichlorobenzene	96	90	94	95	104	105	108	101	104	99	105	4.8	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	121	91	101	83	93	115	99	98	------	9.1	12.5	19.8122
92	1,2,4-Trichlorobenzene	------	77	80	83	102	113	115	107	108	103	111	11.9	14.39	20.9153
93	Hexachlorobutadiene	------	76	76	89	107	114	110	98	108	105	117	11.9	14.67	21.0907
94	Naphthalene	------	------	83	74	99	96	103	121	105	104	115	10.7	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	76	82	82	101	110	113	111	107	105	113	12.1	14.53	21.5870

Su
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SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TQ05
IC Beginning DateTime :08/20/10 17:43
Spike Amount :10 PPB
CC/CV File :RHQ653
IC File :RHQ642

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :08/20/10 22:41
HPChem Method :VO05H20
Date_Time :08/21/10 09:17

*M	IDX	Parameters	CC Con	CC% D	CC Resp	CCRRF	AVRRF	CC RTM	AVRTM	% RSD	C0 X0	C0 X1	C0 X2	C0 Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1347929	1	1	8.181	8.195	0				
	2	Dichlorodifluoromethane	10.247	2.5	498658	0.370	0.361	5.016	5.023	10.32				
	3	Chloromethane	10.644	6.4	696649	0.517	0.486	5.299	5.299	13.05				
	4	Vinyl chloride	10.621	6.2	521087	0.387	0.364	5.418	5.428	10.19				
	5	Bromomethane	9.273	-7.3	352463	0.261	0.282	4.954	4.957	13.96				
	6	Chloroethane	10.441	4.4	432987	0.333	0.309	3.059	3.055	11.69				
	7	Dichlorofluoromethane	9.826	-1.7	1078650	0.800	0.814	3.103	3.104	6.60				
	8	Trichlorofluoromethane	10.248	2.5	652531	0.484	0.472	3.371	3.378	12.72				
	9	sec-Propyl alcohol												
5	10	Acrolein	46.204	-7.6	75164	0.011	0.012	3.863	3.871	5.74				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	10.843	8.4	297150	0.220	0.203	3.922	3.929	8.01				
5	12	Acetone	45.480	-9.0	413444	0.032	0.035	3.937	3.948	8.97				
	13	1,1-Dichloroethene	9.306	-7.9	614580	0.456	0.495	4.116	4.124	5.81				
5	14	tert-Butyl alcohol	44.272	-11.5	70724	0.010	0.012	4.205	4.219	11.33				
	15	Acetonitrile												
	16	Iodomethane	8.393	-16.1	446243	0.331	0.362	4.488	4.505	29.80	-0.0338	0.4347		0.9985
	17	Methyl acetate												
	18	Methylene chloride	9.287	-7.1	512319	0.380	0.409	4.712	4.716	6.06				
	19	Carbon disulfide	9.662	-3.4	1752293	1.300	1.345	4.741	4.745	11.69				
6	20	Acrylonitrile	56.777	-5.4	371563	0.046	0.049	4.846	4.854	11.67				
	21	tert-Butyl methyl ether (MTBE)	8.889	-14.1	623235	0.462	0.528	4.920	4.931	5.83				
	22	trans-1,2-Dichloroethene	8.694	-13.1	580679	0.431	0.493	5.099	5.106	5.41				
	23	Isopropyl ether (DIPE)	9.381	-6.2	1289936	0.957	1.020	5.516	5.521	4.71				
	24	Vinyl acetate	9.381	-6.2	415886	0.309	0.329	5.635	5.641	13.46				
	25	1,1-Dichloroethane	10.425	4.3	785805	0.583	0.559	5.335	5.351	6.51				
5	26	2-Butanol	43.619	-12.8	28206	0.009	0.010	5.918	5.940	11.51				
	27	tert-Butyl ethyl ether (ETBE)	9.314	-6.9	973709	0.722	0.776	6.052	6.056	8.00				
5	28	2-Butanone	47.840	-4.3	346383	0.055	0.057	6.171	6.190	9.58				
	29	2,2-Dichloropropane	11.025	10.3	619609	0.460	0.417	6.394	6.397	3.49				
	30	cis-1,2-Dichloroethene	9.765	-2.3	441188	0.327	0.335	6.439	6.450	6.17				
	31	tert-Butyl formate (TBF)												
	32	Chloroform	10.561	5.6	703494	0.522	0.494	6.647	6.664	5.37				
	33	Bromochloromethane	9.697	-3.0	262117	0.197	0.203	6.871	6.874	7.55				
	34	Dibromofluoromethane	10.027	0.3	438202	0.325	0.324	6.945	6.949	5.01				
	35	Tetrahydrofuran												
	36	1,1,1-Trichloroethane	9.982	-0.2	585338	0.434	0.435	7.213	7.216	5.69				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.144	-8.6	144435	0.109	0.119	7.600	7.607	11.32				
	39	1,2-Dichloroethane-d4	9.614	-3.9	285239	0.212	0.220	7.615	7.634	4.17				
	40	CHLOROBENZENE-D5	10.000	0	1109857	1	1	12.916	12.921	0				
	41	1,1-Dichloropropene	9.219	-7.8	205088	0.185	0.200	7.437	7.439	4.14				
	42	Carbon tetrachloride	9.773	-2.7	501000	0.451	0.464	7.571	7.576	3.90				
	43	1,2-Dichloroethane	9.612	-3.9	321012	0.289	0.301	7.749	7.766	4.72				
	44	Benzene	9.039	-9.6	1506750	1.358	1.502	7.794	7.800	4.59				
	45	Trichloroethene	9.580	-4.2	454433	0.409	0.427	8.672	8.679	5.46				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.104	1.0	383066	0.345	0.342	8.911	8.926	3.18				
	48	Bromodichloromethane	9.636	-3.6	436707	0.393	0.408	9.253	9.263	5.63				
20	49	1,4-Dioxane	186.232	-6.8	27404	0.001	0.001	9.268	9.285	10.20				
	50	Dibromomethane	9.411	-5.9	155544	0.140	0.149	9.328	9.336	7.39				
	51	2-Chloroethyl vinyl ether												
5	52	4-Methyl-2-pentanone	44.500	-11.0	843755	0.152	0.171	9.759	9.777	7.96				
	53	cis-1,3-Dichloropropene	9.604	-4.0	518185	0.467	0.486	10.072	10.090	6.08				
	54	Toluene-d8	10.096	1.0	1384005	1.247	1.235	10.474	10.480	5.59				
	55	Toluene	9.472	-5.3	1480939	1.334	1.409	10.593	10.604	5.45				
	56	Ethyl methacrylate	9.198	-8.0	266038	0.240	0.261	10.861	10.871	6.38				
	57	trans-1,3-Dichloropropene	10.049	0.5	391709	0.353	0.351	10.861	10.870	9.08				
	58	1,1,2-Trichloroethane	9.378	-6.2	202843	0.183	0.195	11.100	11.119	5.14				
5	59	2-Hexanone	48.214	-3.6	555733	0.100	0.104	11.129	11.144	10.70				
	60	1,3-Dichloropropane	9.560	-4.4	368858	0.332	0.348	11.517	11.522	7.42				
	61	Tetrachloroethene	9.420	-5.8	305415	0.275	0.292	11.636	11.655	5.65				
	62	Dibromochloromethane	9.739	-2.6	292423	0.263	0.271	11.934	11.945	11.54				
	63	2-Ethyl-1-butanol												
	64	1,2-Dibromoethane	9.353	-6.5	215107	0.194	0.207	12.261	12.278	8.54				
	65	1-Chlorohexane	8.669	-10.3	633975	0.571	0.637	12.574	12.593	7.04				
	66	Chlorobenzene	9.977	-0.2	1024522	0.923	0.925	12.976	12.990	5.53				
	67	1,1,1,2-Tetrachloroethane	10.146	1.5	326917	0.313	0.308	13.050	13.064	7.87				
	68	Ethylbenzene	9.836	-1.6	1784675	1.608	1.633	13.080	13.090	6.21				
2	69	m-Xylene & p-Xylene	19.221	-1.9	2679282	1.207	1.230	13.214	13.233	6.52				
	70	o-Xylene	9.887	-1.1	1311154	1.181	1.195	13.944	13.963	6.47				
	71	Styrene	10.133	1.3	1072468	0.966	0.954	14.003	14.017	9.08				
	72	1,2-DICHLOROBENZENE-D4	10.000	0	304122	1	1	17.771	17.777	0				
	73	Bromoform	10.159	1.6	133195	0.438	0.431	14.554	14.568	12.64				
	74	Isopropylbenzene	11.155	11.5	1818478	5.979	5.360	14.584	14.595	6.81				
	75	1,1,2,2-Tetrachloroethane	10.065	0.6	219160	0.721	0.716	14.853	14.867	6.35				
	76	4-Bromofluorobenzene	10.444	4.4	442043	1.457	1.493	15.001	15.008	6.33				
	77	1,2,3-Trichloropropane	10.374	3.7	57330	0.189	0.182	15.140	15.164	8.80				
	78	trans-1,4-Dichloro-2-butene	10.603	6.0	59445	0.195	0.184	15.239	15.254	10.34				
	79	n-Propylbenzene	10.828	8.3	2163096	7.113	6.568	15.284	15.300	7.67				
	80	Bromobenzene	10.541	5.4	341432	1.124	1.065	15.319	15.339	7.36				
	81	1,3,5-Trimethylbenzene	10.650	6.5	1339513	4.405	4.135	15.567	15.586	6.63				
	82	2-Chlorotoluene	10.613	6.1	1310614	4.310	3.964	15.582	15.587	5.19				
	83	4-Chlorotoluene	10.345	3.5	1091811	3.590	3.470	15.671	15.677	5.93				
	84	tert-Butylbenzene	11.036	10.4	309410	1.017	0.922	16.207	16.215	8.20				
	85	1,2,4-Trimethylbenzene	10.468	4.7	1273963	4.189	4.006	16.667	16.680	6.74				
	86	sec-Butylbenzene	11.006	10.1	1919708	6.312	5.735	16.594	16.598	8.51				
	87	p-Isopropyltoluene	11.133	11.3	1546255	5.084	4.567	16.847	16.851	8.73				
	88	1,3-Dichlorobenzene	10.439	4.4	638785	2.100	2.012	16.967	16.983	7.99				
	89	1,4-Dichlorobenzene	10.626	6.3	626817	2.061	1.940	17.160	17.174	7.39				
	90	Benzyl Chloride	10.724	7.2	308139	1.013	0.945	17.369	17.377	10.14				
	91	n-Butylbenzene	11.190	11.6	1394095	4.584	4.097	17.577	17.593	9.25				
	92	1,2-Dichlorobenzene	10.401	4.0	508330	1.671	1.607	17.815	17.825	7.25				
	93	1,2-Dibromo-3-chloropropane	9.100	-9.0	26580	0.087	0.096	18.947	18.953	13.00				
	94	1,2,4-Trichlorobenzene	11.194	11.9	310395	1.021	0.912	19.930	19.935	14.10				
	95	Hexachlorobutadiene	10.964	9.6	198462	0.653	0.595	20.079	20.092	9.58				
	96	Naphthalene	9.581	-4.2	415103	1.366	1.425	20.168	20.184	14.94				
	97	1,2,3-Trichlorobenzene	10.156	1.6	215696	0.703	0.692	20.436	20.440	13.38				

Spike Amount = Nominal Amount * M

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TQ06
IC_Beginning DateTime :09/02/10 18:08
Spike Amount :10 PPB
CC/CV File :R1W200
IC File :R1W064

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :09/02/10 23:29
HPChem Method :VD06102
Date_Time :09/09/10 10:05

M	IDX	Parameters	CC_Con	CC%_D	CC_Resp	CCRRF	AvRRF	CC_Rtm	AvRtm	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1276501	1	1	8.344	8.356	0				
	2	Dichlorodifluoromethane	10.711	7.1	420652	0.330	0.308	1.909	1.916	9.31				
	3	Chloromethane	9.249	-7.5	474307	0.372	0.402	2.176	2.175	10.04				
	4	Vinyl chloride	10.778	7.8	458988	0.360	0.334	2.310	2.316	14.14				
	5	Bromomethane	9.135	-8.6	309347	0.242	0.265	2.830	2.841	8.02				
	6	Chloroethane	9.723	-2.8	294152	0.230	0.237	2.934	2.939	9.68				
	7	Dichlorofluoromethane	10.345	3.5	746703	0.585	0.565	2.979	2.982	4.25				
	8	Trichlorofluoromethane	10.524	5.2	512537	0.402	0.382	3.246	3.250	7.81				
5	9	Acrolein	48.933	-2.1	36473	0.006	0.006	3.766	3.768	15.72	-0.0026	0.0064		0.9952
5	10	Acetone	53.988	8.0	210863	0.033	0.031	3.841	3.847	9.41				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.936	19.4	272582	0.214	0.179	3.796	3.802	4.84				
	12	1,1-Dichloroethene	10.423	4.2	591035	0.463	0.444	4.019	4.019	4.48				
5	13	tert-Butyl alcohol	46.927	-6.1	98962	0.016	0.017	4.123	4.121	11.42				
	14	Acetonitrile												
	15	Methyl acetate												
	16	Iodomethane	9.290	-7.1	617362	0.484	0.521	4.420	4.425	6.57				
	17	Methylene chloride	9.781	-2.2	481705	0.377	0.386	4.643	4.653	9.34				
6	18	Acrylonitrile	57.362	-4.4	372689	0.049	0.051	4.807	4.814	12.28				
	19	Carbon disulfide	8.546	-14.5	1277288	1.001	1.171	4.658	4.668	8.80				
	20	tert-Butyl methyl ether (MTBE)	9.485	-5.2	519217	0.407	0.429	4.837	4.848	6.81				
	21	trans-1,2-Dichloroethene	9.439	-5.6	543555	0.426	0.451	5.030	5.041	4.49				
	22	Isopropyl ether (DIPE)	9.163	-8.4	1196615	0.937	1.023	5.461	5.466	4.51				
	23	Vinyl acetate	9.625	-3.8	355365	0.278	0.289	5.624	5.628	8.03				
	24	1,1-Dichloroethane	10.413	4.1	710875	0.557	0.535	5.624	5.628	4.03				
5	25	2-Butanol	41.021	-18.0	60186	0.009	0.011	5.921	5.928	12.64				
	26	tert-Butyl ethyl ether (ETBE)	8.780	-12.2	629847	0.493	0.562	6.025	6.036	7.91				
5	27	2-Butanone	50.479	1.0	433704	0.068	0.067	6.204	6.209	11.17				
	28	2,2-Dichloropropane	12.306	23.1	424970	0.333	0.271	6.412	6.415	5.57				
	29	cis-1,2-Dichloroethene	9.414	-5.9	428327	0.336	0.356	6.471	6.486	2.52				
	30	Chloroform	10.527	5.3	653630	0.512	0.486	6.694	6.711	3.36				
	31	Bromochloromethane	10.108	1.1	283018	0.222	0.219	6.947	6.950	5.17				
	32	Tetrahydrofuran												
	33	Dibromofluoromethane	9.395	-6.0	378840	0.297	0.316	7.021	7.022	3.23				
	34	1,1,1-Trichloroethane	10.939	9.4	513845	0.403	0.368	7.289	7.293	6.68				
	35	Cyclohexane												
	36	tert-Amyl methyl ether (TAME)	8.873	-11.3	104265	0.082	0.092	7.675	7.692	12.51				
	37	1,2-Dichloroethane-d4	9.688	-3.1	281379	0.220	0.228	7.749	7.763	5.01				
	38	CHLOROBENZENE-D5	10.000	0	1110030	1	1	13.500	13.509	0				
	39	1,1-Dichloropropene	10.305	3.1	202633	0.183	0.177	7.511	7.527	8.90				
	40	Carbon tetrachloride	11.157	11.6	437728	0.394	0.353	7.660	7.677	11.28				
	41	1,2-Dichloroethane	10.375	3.8	325071	0.293	0.282	7.898	7.908	6.24				
	42	Benzene	9.527	-4.7	1522974	1.372	1.440	7.928	7.932	2.19				
	43	Trichloroethene	9.861	-1.4	448973	0.404	0.410	8.864	8.872	5.77				
	44	Methylcyclohexane												
	45	1,2-Dichloropropane	9.968	-0.3	378539	0.341	0.342	9.146	9.151	4.68				
20	46	1,4-Dioxane												
	47	Bromodichloromethane	9.941	-0.6	402525	0.363	0.365	9.518	9.529	11.32				
	48	Dibromomethane	10.103	1.0	169809	0.153	0.151	9.607	9.619	8.67				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	48.673	-2.7	1005280	0.181	0.186	10.053	10.068	11.18				
	51	cis-1,3-Dichloropropene	10.220	2.2	504647	0.455	0.445	10.409	10.422	12.05				
	52	Toluene-d8	9.702	-3.0	1461977	1.317	1.357	10.825	10.826	2.27				
	53	Toluene	9.806	-1.9	1594327	1.436	1.465	10.959	10.964	3.22				
	54	Ethyl methacrylate	8.886	-11.1	256827	0.231	0.260	11.242	11.253	12.58				
	55	trans-1,3-Dichloropropene	10.695	6.9	375396	0.338	0.316	11.256	11.275	13.56				
5	56	2-Hexanone	47.918	-4.2	636964	0.115	0.120	11.539	11.553	10.54				
	57	1,1,2-Trichloroethane	10.232	2.3	232957	0.210	0.205	11.539	11.545	8.34				
	58	1,3-Dichloropropane	10.202	2.0	436670	0.393	0.386	11.985	11.989	7.66				
	59	Tetrachloroethene	10.116	1.2	349639	0.315	0.311	12.089	12.101	6.14				
	60	Dibromochloromethane	10.018	0.2	253819	0.229	0.228	12.445	12.461	14.12				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.128	1.3	232783	0.210	0.207	12.802	12.820	9.33				
	63	1-Chlorohexane	9.686	-3.1	613630	0.553	0.571	13.099	13.109	10.42				
	64	Chlorobenzene	9.978	-0.2	1035740	0.933	0.935	13.560	13.578	4.23				

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65	1,1,1,2-Tetrachloroethane	10.188	1.9	313941	0.283	0.278	13.649	13.657	10.51					
66	Ethylbenzene	10.326	3.3	1794864	1.617	1.566	13.664	13.676	5.01					
2 67	m-Xylene & p-Xylene	20.006	0.0	2595918	1.169	1.169	13.798	13.814	4.46					
68	o-Xylene	9.862	-1.4	1309965	1.180	1.197	14.615	14.632	6.07					
69	Styrene	9.168	-8.3	860779	0.775	0.846	14.689	14.699	14.04					
70	1,2-DICHLOROBENZENE-D4	10.000	0	412452	1	1	18.672	18.679	0					
71	Isopropylbenzene	10.626	6.3	1755477	4.256	4.005	15.299	15.312	6.95					
72	Bromoform	9.045	-9.5	125664	0.305	0.301	15.328	15.341	19.34	-0.0111	0.3491		0.9982	
73	1,1,2,2-Tetrachloroethane	10.056	0.6	271430	0.658	0.654	15.626	15.645	10.71					
74	4-Bromofluorobenzene	9.501	-5.0	453055	1.098	1.156	15.774	15.790	3.35					
75	1,2,3-Trichloropropane	10.028	0.3	70472	0.171	0.170	15.923	15.925	11.54					
76	trans-1,4-Dichloro-2-butene	9.174	-8.3	47035	0.114	0.124	15.403	15.405	11.87					
77	n-Propylbenzene	10.194	1.9	2073104	5.026	4.930	16.071	16.084	7.94					
78	Bromobenzene	9.771	-2.3	374777	0.909	0.930	16.146	16.165	5.77					
79	1,3,5-Trimethylbenzene	10.127	1.3	1266090	3.070	3.031	16.369	16.388	8.60					
80	2-Chlorotoluene	10.037	0.4	1309162	3.174	3.162	16.413	16.423	4.50					
81	4-Chlorotoluene	9.589	-4.1	1049657	2.545	2.654	16.502	16.515	5.92					
82	tert-Butylbenzene	10.647	6.5	331575	0.804	0.755	17.067	17.082	10.65					
83	1,2,4-Trimethylbenzene	9.952	-0.5	1216215	2.949	2.963	17.141	17.157	7.25					
84	sec-Butylbenzene	10.645	6.5	1812107	4.393	4.127	17.483	17.500	10.46					
85	p-Isopropyltoluene	10.460	4.6	1377824	3.341	3.193	17.751	17.769	11.38					
86	1,3-Dichlorobenzene	9.786	-2.1	720076	1.746	1.784	17.929	17.940	5.40					
87	1,4-Dichlorobenzene	9.806	-1.9	696056	1.688	1.721	18.122	18.127	5.82					
88	Benzyl chloride													
89	n-Butylbenzene	10.492	4.9	1237312	3.000	2.859	18.464	18.474	14.28					
90	1,2-Dichlorobenzene	9.826	-1.7	593011	1.438	1.463	18.717	18.721	5.61					
91	1,2-Dibromo-3-chloropropane	8.652	-13.5	32142	0.078	0.084	19.802	19.812	17.73	-0.0047	0.0955		0.9953	
92	1,2,4-Trichlorobenzene	9.763	-2.4	316910	0.768	0.787	20.901	20.915	14.39					
93	Hexachlorobutadiene	9.703	-3.0	202088	0.490	0.505	21.080	21.091	14.67					
94	Naphthalene	8.556	-14.4	393534	0.954	1.115	21.243	21.259	14.56					
95	1,2,3-Trichlorobenzene	9.044	-9.6	216231	0.524	0.580	21.570	21.587	14.53					

Spike Amount = Nominal Amount * N

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIQ238
Instrument ID: TQ05
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: I0I066
BFB Injection Date : 09/08/10
BFB Injection Time : 15:10
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.99
75	30.0 - 60.0% of mass 95	42.40
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.52
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	75.56
175	5.0 - 9.0% of mass 174	5.66(7.5)1
176	95.0 - 101.0% of mass 174	71.90(95.4)1
177	5.0 - 9.0% of mass 176	4.66(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005H2029	RIQ239	09/08/10	13:44
2	MBLK1W	V005I12B	RIQ243	09/08/10	15:43
3	LCS1W	V005I12L	RIQ240	09/08/10	14:14
4	ICO1W	V005I12C	RIQ241	09/08/10	14:44
5	TB-09/03/10	I066-07	RIQ245	09/08/10	16:42
6	MW-70-PMW06A-A10	I066-04	RIQ259	09/08/10	23:43
7	MW-70-PMW06B-A10	I066-05	RIQ260	09/09/10	00:15

FORM V VOA OLM02.0

BA
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0642
Instrument ID: T005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101060
Date Analyzed: 08/20/10
Time Analyzed: 20:13
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1360659	8.19	1115899	12.92	329623	17.78
	UPPER LIMIT	2721318	8.69	2231798	13.42	659246	18.28
	LOWER LIMIT	680330	7.69	557950	12.42	164812	17.28
	SAMPLE ID						
1	VSTD010	1531651	8.18	1225642	12.92	359195	17.77
2	MBLK1W	1684751	8.19	1379400	12.92	393744	17.78
3	LCS1W	1630648	8.19	1290576	12.92	364219	17.78
4	LCD1W	1688736	8.18	1320996	12.92	374703	17.77
5	TB-09/03/10	1674994	8.18	1313452	12.92	358356	17.77
6	MW-70-PMW06A-A10	1709727	8.19	1403234	12.91	394080	17.77
7	MW-70-PMW06B-A10	1749237	8.18	1433269	12.92	374585	17.77

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000		0.0	113	0.00
2	T	Dichlorodifluoromethane	10.000	11.038		-10.4	124	0.00
3	P,T	Chloromethane	10.000	11.359		-13.6	128	0.00
4	C,T	Vinyl chloride	10.000	10.660		-6.6	118	0.00
5	T	Bromomethane	10.000	8.088		19.1	98	0.00
6	T	Chloroethane	10.000	11.991		-19.9	132	-0.02
7	T	Dichlorofluoromethane	10.000	10.221		-2.2	116	0.00
8	T	Trichlorofluoromethane	10.000	10.753		-7.5	118	0.00
9	T	sec-Propyl alcohol	-1.000	0.000		0.0	0	0.00
10	T	Acrolein	50.000	28.818	NT	42.4#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.918		10.8	99	0.00
12	T	Acetone	50.000	47.936		4.1	118	0.00
13	C,T,M	1,1-Dichloroethene	10.000	9.355		6.4	104	0.00
14	T	tert-Butyl alcohol	50.000	47.257		5.5	108	0.00
15	T	Acetonitrile	-1.000	0.000		0.0	0	0.00
16	T	Iodomethane	10.000	5.411	NT	45.9#	61	-0.02
17	T	Methyl acetate	10.000	0.000		100.0#	0	-4.51#
18	T	Methylene chloride	10.000	10.685		-6.9	129	0.00
19	T	Carbon disulfide	10.000	10.220		-2.2	121	0.00
20	T	Acrylonitrile	50.000	53.059		-6.1	121	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.428		5.7	107	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.568		4.3	107	0.00
23	T	Isopropyl ether (DIPE)	10.000	11.016		-10.2	125	0.00
24	T	Vinyl acetate	10.000	7.630	NT	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	10.000	10.761		-7.6	118	-0.02
26	T	2-Butanol	50.000	45.702		8.6	110	0.00
27	T	tert-Butyl ethyl ether (ETB	10.000	10.083		-0.8	111	0.00
28	T	2-Butanone	50.000	51.911		-3.8	118	-0.02
29	T	2,2-Dichloropropane	10.000	10.238		-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	10.000	10.017		-0.2	112	0.00
31	T	tert-Butyl formate (TBF)	-1.000	0.000		0.0	0	0.00
32	C,T	Chloroform	10.000	9.962		0.4	112	-0.02
33	T	Bromochloromethane	10.000	11.282		-12.8	127	0.00
34	S	Dibromofluoromethane	10.000	9.803		2.0	118	0.00
35	T	Tetrahydrofuran	-1.000	0.000		0.0	0	0.00
36	T	1,1,1-Trichloroethane	10.000	9.552		4.5	107	0.00
37	T	Cyclohexane	10.000	0.000		100.0#	0	-7.25#
38	T	tert-Amyl methyl ether (TAM	10.000	9.578		4.2	104	0.00
39	S	1,2-Dichloroethane-d4	10.000	10.059		-0.6	120	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000		0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D
Acq On : 8 Sep 2010 1:44 pm
Sample : CVO05H2029
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.629	3.7	103	0.00
42	T	Carbon tetrachloride	10.000	9.267	7.3	100	0.00
43	T	1,2-Dichloroethane	10.000	10.463	-4.6	112	-0.02
44	T,M	Benzene	10.000	9.375	6.3	106	0.00
45	T,M	Trichloroethene	10.000	9.043	9.6	96	0.00
46	T	Methylcyclohexane	10.000	0.000	100.0#	0	-8.79#
47	C,T	1,2-Dichloropropane	10.000	11.038	-10.4	120	-0.02
48	T	Bromodichloromethane	10.000	9.831	1.7	107	0.00
49	T	1,4-Dioxane	200.000	207.544	-3.8	117	0.00
50	T	Dibromomethane	10.000	10.430	-4.3	114	0.00
51	T	2-Chloroethyl vinyl ether	10.000	3.529	NT 64.7#	41	0.00
52	T	4-Methyl-2-pentanone	50.000	51.502	-3.0	111	-0.02
53	T	cis-1,3-Dichloropropene	10.000	9.768	2.3	104	0.00
54	S	Toluene-d8	10.000	10.419	-4.2	121	0.00
55	C,T,M	Toluene	10.000	9.666	3.3	107	0.00
56	T	Ethyl methacrylate	10.000	9.705	2.9	105	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.498	5.0	100	0.00
58	T	1,1,2-Trichloroethane	10.000	10.456	-4.6	115	-0.02
59	T	2-Hexanone	50.000	53.139	-6.3	114	0.00
60	T	1,3-Dichloropropane	10.000	10.229	-2.3	110	0.00
61	T	Tetrachloroethene	10.000	8.796	12.0	96	0.00
62	T	Dibromochloromethane	10.000	8.867	11.3	95	0.00
63	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
64	T	1,2-Dibromoethane	10.000	9.756	2.4	105	-0.02
65	T	1-Chlorohexane	10.000	9.916	0.8	106	0.00
66	P,M	Chlorobenzene	10.000	9.877	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.113	8.9	99	0.00
68	C,T	Ethylbenzene	10.000	9.793	2.1	105	0.00
69	T	m-Xylene & p-Xylene	20.000	19.523	2.4	105	0.00
70	T	o-Xylene	10.000	9.978	0.2	106	0.00
71	T	Styrene	10.000	10.083	-0.8	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	109	0.00
73	P,T	Bromoform	10.000	8.613	13.9	91	0.00
74	T	Isopropylbenzene	10.000	10.220	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	10.000	10.599	-6.0	113	0.00
76	S	4-Bromofluorobenzene	10.000	10.085	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	10.000	10.448	-4.5	114	0.00
78	T	trans-1,4-Dichloro-2-butene	10.000	9.945	0.5	105	0.00
79	T	n-Propylbenzene	10.000	10.372	-3.7	110	0.00
80	T	Bromobenzene	10.000	9.356	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	10.000	10.125	-1.3	107	0.00
82	T	2-Chlorotoluene	10.000	10.345	-3.5	110	0.00
83	T	4-Chlorotoluene	10.000	9.960	0.4	108	0.00
84	T	tert-Butylbenzene	10.000	9.919	0.8	104	0.00
85	T	1,2,4-Trimethylbenzene	10.000	10.078	-0.8	108	0.00
86	T	sec-Butylbenzene	10.000	10.496	-5.0	110	0.00
87	T	p-Isopropyltoluene	10.000	9.953	0.5	104	0.00
88	T	1,3-Dichlorobenzene	10.000	9.559	4.4	102	0.00
89	T	1,4-Dichlorobenzene	10.000	9.593	4.1	102	0.00
90	T	Benzyl Chloride	10.000	8.619	13.8	87	0.00
91	T	n-Butylbenzene	10.000	10.459	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	10.000	9.557	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	10.000	7.993	20.1#	88	0.00
94	T	1,2,4-Trichlorobenzene	10.000	9.749	2.5	101	0.00
95	T	Hexachlorobutadiene	10.000	9.367	6.3	98	0.01
96	T	Naphthalene	10.000	8.209	17.9	88	0.01
97	T	1,2,3-Trichlorobenzene	10.000	9.593	4.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.361	0.399	-10.5	124	0.00
3	P,T	Chloromethane	0.486	0.552	-13.6	128	0.00
4	C,T	Vinyl chloride	0.364	0.388	-6.6	118	0.00
5	T	Bromomethane	0.282	0.228	19.1	98	0.00
6	T	Chloroethane	0.309	0.371	-20.1#	132	-0.02
7	T	Dichlorofluoromethane	0.814	0.832	-2.2	116	0.00
8	T	Trichlorofluoromethane	0.472	0.508	-7.6	118	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
10	T	Acrolein	0.012	0.007	41.7#	65	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.203	0.181	10.8	99	0.00
12	T	Acetone	0.035	0.033	5.7	118	0.00
13	C,T,M	1,1-Dichloroethene	0.495	0.463	6.5	104	0.00
14	T	tert-Butyl alcohol	0.012	0.011	8.3	108	0.00
15	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
16	T	Iodomethane	0.362	0.201	44.5#	61	-0.02
17	T	Methyl acetate	0.000	0.000	0.0	0#	-4.51#
18	T	Methylene chloride	0.409	0.437	-6.8	129	0.00
19	T	Carbon disulfide	1.345	1.375	-2.2	121	0.00
20	T	Acrylonitrile	0.049	0.051	-4.1	121	0.00
21	T	tert-Butyl methyl ether (MT	0.520	0.490	5.8	107	0.00
22	T	trans-1,2-Dichloroethene	0.495	0.474	4.2	107	0.00
23	T	Isopropyl ether (DIPE)	1.020	1.124	-10.2	125	0.00
24	T	Vinyl acetate	0.329	0.251	23.7#	79	0.00
25	P,T	1,1-Dichloroethane	0.559	0.602	-7.7	118	-0.02
26	T	2-Butanol	0.010	0.009	10.0	110	0.00
27	T	tert-Butyl ethyl ether (ETB	0.776	0.782	-0.8	111	0.00
28	T	2-Butanone	0.057	0.059	-3.5	118	-0.02
29	T	2,2-Dichloropropane	0.417	0.427	-2.4	112	0.00
30	T	cis-1,2-Dichloroethene	0.335	0.336	-0.3	112	0.00
31	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	0#	0.00
32	C,T	Chloroform	0.494	0.492	0.4	112	-0.02
33	T	Bromochloromethane	0.203	0.229	-12.8	127	0.00
34	S	Dibromofluoromethane	0.324	0.318	1.9	118	0.00
35	T	Tetrahydrofuran	0.000	0.000	0.0	0#	0.00
36	T	1,1,1-Trichloroethane	0.435	0.416	4.4	107	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-7.25#
38	T	tert-Amyl methyl ether (TAM	0.119	0.114	4.2	104	0.00
39	S	1,2-Dichloroethane-d4	0.220	0.221	-0.5	120	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.200	0.193	3.5	103	0.00
42	T	Carbon tetrachloride	0.464	0.430	7.3	100	0.00
43	T	1,2-Dichloroethane	0.301	0.315	-4.7	112	-0.02
44	T,M	Benzene	1.502	1.408	6.3	106	0.00
45	T,M	Trichloroethene	0.427	0.386	9.6	96	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-8.79#
47	C,T	1,2-Dichloropropane	0.342	0.377	-10.2	120	-0.02
48	T	Bromodichloromethane	0.408	0.401	1.7	107	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	117	0.00
50	T	Dibromomethane	0.149	0.155	-4.0	114	0.00
51	T	2-Chloroethyl vinyl ether	0.100	0.035	65.0#	41#	0.00
52	T	4-Methyl-2-pentanone	0.171	0.176	-2.9	111	-0.02
53	T	cis-1,3-Dichloropropene	0.486	0.475	2.3	104	0.00
54	S	Toluene-d8	1.235	1.287	-4.2	121	0.00
55	C,T,M	Toluene	1.409	1.362	3.3	107	0.00
56	T	Ethyl methacrylate	0.261	0.253	3.1	105	0.00
57	T	trans-1,3-Dichloropropene	0.351	0.334	4.8	100	0.00
58	T	1,1,2-Trichloroethane	0.195	0.204	-4.6	115	-0.02
59	T	2-Hexanone	0.104	0.110	-5.8	114	0.00
60	T	1,3-Dichloropropane	0.348	0.356	-2.3	110	0.00
61	T	Tetrachloroethene	0.292	0.257	12.0	96	0.00
62	T	Dibromochloromethane	0.271	0.240	11.4	95	0.00
63	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
64	T	1,2-Dibromoethane	0.207	0.202	2.4	105	-0.02
65	T	1-Chlorohexane	0.637	0.631	0.9	106	0.00
66	P,M	Chlorobenzene	0.925	0.914	1.2	107	0.00
67	T	1,1,1,2-Tetrachloroethane	0.308	0.281	8.8	99	0.00
68	C,T	Ethylbenzene	1.635	1.601	2.1	105	0.00
69	T	m-Xylene & p-Xylene	1.230	1.201	2.4	105	0.00
70	T	o-Xylene	1.195	1.192	0.3	106	0.00
71	T	Styrene	0.954	0.961	-0.7	106	0.00
72	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	109	0.00
73	P,T	Bromoform	0.431	0.371	13.9	91	0.00
74	T	Isopropylbenzene	5.360	5.478	-2.2	110	0.00
75	P,T	1,1,2,2-Tetrachloroethane	0.716	0.759	-6.0	113	0.00
76	S	4-Bromofluorobenzene	1.395	1.407	-0.9	117	0.00
77	T	1,2,3-Trichloropropane	0.182	0.190	-4.4	114	0.00
78	T	trans-1,4-Dichloro-2-butene	0.184	0.183	0.5	105	0.00
79	T	n-Propylbenzene	6.568	6.813	-3.7	110	0.00
80	T	Bromobenzene	1.065	0.997	6.4	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RIQ239.D Vial: 2
Acq On : 8 Sep 2010 1:44 pm Operator: SD
Sample : CVO05H2029 Inst : TO05
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO05H20.M (RTE Integrator)
Title : METHOD 8260
Last Update : Sat Aug 21 07:41:48 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	1,3,5-Trimethylbenzene	4.135	4.187	-1.3	107	0.00
82	T	2-Chlorotoluene	3.964	4.101	-3.5	110	0.00
83	T	4-Chlorotoluene	3.470	3.456	0.4	108	0.00
84	T	tert-Butylbenzene	0.922	0.914	0.9	104	0.00
85	T	1,2,4-Trimethylbenzene	4.002	4.033	-0.8	108	0.00
86	T	sec-Butylbenzene	5.735	6.019	-5.0	110	0.00
87	T	p-Isopropyltoluene	4.567	4.545	0.5	104	0.00
88	T	1,3-Dichlorobenzene	2.012	1.923	4.4	102	0.00
89	T	1,4-Dichlorobenzene	1.940	1.861	4.1	102	0.00
90	T	Benzyl Chloride	0.945	0.814	13.9	87	0.00
91	T	n-Butylbenzene	4.097	4.284	-4.6	109	0.00
92	T	1,2-Dichlorobenzene	1.607	1.536	4.4	103	0.00
93	T	1,2-Dibromo-3-chloropropane	0.096	0.077	19.8	88	0.00
94	T	1,2,4-Trichlorobenzene	0.912	0.889	2.5	101	0.00
95	T	Hexachlorobutadiene	0.595	0.558	6.2	98	0.01
96	T	Naphthalene	1.425	1.169	18.0	88	0.01
97	T	1,2,3-Trichlorobenzene	0.692	0.664	4.0	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW199
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101066
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.15
175	5.0 - 9.0% of mass 174	5.90(7.5)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV0610207	RIW201	09/09/10	10:46
2	MBLK2W	V006111Q	RIW206	09/09/10	13:23
3	LCS2W	V006111L	RIW202	09/09/10	11:17
4	ICD2W	V006111C	RIW203	09/09/10	11:48
5	MW-70-PMW01B-A10DL	I066-03T	RIW209	09/09/10	15:09
6	MW-70-PMW06A-A10DL	I066-04T	RIW210	09/09/10	15:40
7	MW-70-PMW06B-A10DL	I066-05T	RIW211	09/09/10	16:11
8	MW-70-38-A10	I066-06R	RIW212	09/09/10	16:43

FORM V VOA

OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIW064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101066
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
SAMPLE ID						
1 VSTD010	1201952	8.34	1046720	13.50	388546	18.67
2 MBLKZW	1130173	8.34	975485	13.50	370423	18.67
3 LCS2W	1251735	8.34	1089580	13.50	408431	18.67
4 LCD2W	1305804	8.34	1142652	13.50	432564	18.67
5 MW-70-PMW018-A10DL	1269023	8.35	1091289	13.51	386972	18.68
6 MW-70-PMW06A-A10DL	1301295	8.36	1136810	13.50	387704	18.67
7 MW-70-PMW068-A10DL	1299698	8.34	1127154	13.50	395045	18.67
8 MW-70-58-A10	1299489	8.35	1147014	13.51	443130	18.68

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000		0.0	83	-0.02
2	T	Dichlorodifluoromethane	10.000	10.733		-7.3	88	-0.02
3	P,T	Chloromethane	10.000	9.751		2.5	80	0.00
4	C,T	Vinyl chloride	10.000	10.665		-6.6	83	-0.01
5	T	Bromomethane	10.000	9.310		6.9	78	0.00
6	T	Chloroethane	10.000	9.655		3.5	78	-0.02
7	T	Dichlorofluoromethane	10.000	10.609		-6.1	85	0.00
8	T	Trichlorofluoromethane	10.000	10.331		-3.3	85	0.00
9	T	Acrolein	50.000	35.819	NT	28.4#	64	0.00
10	T	Acetone	50.000	53.017		-6.0	91	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.896		1.0	81	-0.02
12	CMT	1,1-Dichloroethene	10.000	10.369		-3.7	84	0.00
13	T	tert-Butyl alcohol	50.000	48.362		3.3	79	-0.01
14	T	Acetonitrile	-1.000	0.000		0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000		0.0	0	-6.58#
16	T	Iodomethane	10.000	9.360		6.4	75	0.00
17	T	Methylene chloride	10.000	9.935		0.6	83	-0.01
18	T	Acrylonitrile	50.000	50.759		-1.5	87	-0.02
19	T	Carbon disulfide	10.000	9.301		7.0	80	-0.01
20	T	tert-Butyl methyl ether (MT	10.000	8.506		14.9	71	-0.02
21	T	trans-1,2-Dichloroethene	10.000	10.010		-0.1	80	-0.02
22	T	Isopropyl ether (DIPE)	10.000	9.722		2.8	76	0.00
23	T	Vinyl acetate	10.000	9.457		5.4	81	0.00
24	P,T	1,1-Dichloroethane	10.000	9.920		0.8	79	0.00
25	T	2-Butanol	50.000	41.498		17.0	83	-0.02
26	T	tert-Butyl ethyl ether (ETB	10.000	5.825	NT	41.8#	48	-0.02
27	T	2-Butanone	50.000	50.201		-0.4	90	-0.02
28	T	2,2-Dichloropropane	10.000	10.107		-1.1	85	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.647		3.5	79	-0.02
30	C,T	Chloroform	10.000	9.947		0.5	79	-0.02
31	T	Bromochloromethane	10.000	10.384		-3.8	83	-0.02
32	T	Tetrahydrofuran	-1.000	0.000		0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	9.591		4.1	81	0.00
34	T	1,1,1-Trichloroethane	10.000	10.312		-3.1	82	0.00
35	T	Cyclohexane	-1.000	0.000		0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	4.894	NT	51.1#	41	-0.01
37	S	1,2-Dichloroethane-d4	10.000	9.749		2.5	85	-0.01
38	I	CHLOROBENZENE-D5	10.000	10.000		0.0	82	-0.02
39	T	1,1-Dichloropropene	10.000	10.335		-3.4	83	-0.02
40	T	Carbon tetrachloride	10.000	10.379		-3.8	81	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.355	-3.6	84	-0.02
42	TM	Benzene	10.000	9.659	3.4	78	-0.02
43	TM	Trichloroethene	10.000	9.782	2.2	78	-0.02
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.220	-2.2	80	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	10.118	-1.2	80	-0.02
48	T	Dibromomethane	10.000	10.624	-6.2	88	-0.02
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-0.02
50	T	4-Methyl-2-pentanone	50.000	48.732	2.5	86	-0.02
51	T	cis-1,3-Dichloropropene	10.000	10.411	-4.1	81	-0.02
52	S	Toluene-d8	10.000	9.571	4.3	80	0.00
53	CMT	Toluene	10.000	9.979	0.2	79	0.00
54	T	Ethyl methacrylate	10.000	9.150	8.5	76	-0.01
55	T	trans-1,3-Dichloropropene	10.000	10.329	-3.3	82	-0.01
56	T	2-Hexanone	50.000	48.348	3.3	85	-0.02
57	T	1,1,2-Trichloroethane	10.000	10.590	-5.9	85	-0.02
58	T	1,3-Dichloropropane	10.000	10.599	-6.0	86	0.00
59	T	Tetrachloroethene	10.000	10.099	-1.0	78	-0.02
60	T	Dibromochloromethane	10.000	10.255	-2.6	81	-0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.444	-4.4	85	-0.02
63	T	1-Chlorohexane	10.000	10.571	-5.7	79	-0.02
64	PM	Chlorobenzene	10.000	9.931	0.7	78	-0.02
65	T	1,1,1,2-Tetrachloroethane	10.000	10.187	-1.9	78	-0.02
66	C,T	Ethylbenzene	10.000	10.242	-2.4	78	-0.02
67	T	m-Xylene & p-Xylene	20.000	20.245	-1.2	78	-0.02
68	T	o-Xylene	10.000	9.992	0.1	76	-0.02
69	T	Styrene	10.000	8.952	10.5	69	-0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	81	0.00
71	T	Isopropylbenzene	10.000	10.211	-2.1	78	-0.02
72	P,T	Bromoform	10.000	9.051	9.5	85	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.415	-4.1	88	-0.02
74	S	4-Bromofluorobenzene	10.000	9.380	6.2	79	-0.01
75	T	1,2,3-Trichloropropane	10.000	10.203	-2.0	89	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	9.510	4.9	88	-0.02
77	T	n-Propylbenzene	10.000	10.286	-2.9	77	-0.02
78	T	Bromobenzene	10.000	9.841	1.6	78	-0.02
79	T	1,3,5-Trimethylbenzene	10.000	10.144	-1.4	74	0.00
80	T	2-Chlorotoluene	10.000	10.054	-0.5	75	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	9.855	1.4	79	-0.02
82	T	tert-Butylbenzene	10.000	10.458	-4.6	77	-0.02
83	T	1,2,4-Trimethylbenzene	10.000	10.008	-0.1	74	-0.02
84	T	sec-Butylbenzene	10.000	10.424	-4.2	75	-0.02
85	T	p-Isopropyltoluene	10.000	10.169	-1.7	73	0.00
86	T	1,3-Dichlorobenzene	10.000	9.856	1.4	75	-0.02
87	T	1,4-Dichlorobenzene	10.000	9.943	0.6	76	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	10.471	-4.7	73	-0.01
90	T	1,2-Dichlorobenzene	10.000	9.997	0.0	77	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.363	6.4	92	-0.01
92	T	1,2,4-Trichlorobenzene	10.000	10.055	-0.5	72	-0.01
93	T	Hexachlorobutadiene	10.000	9.925	0.7	70	-0.01
94	T	Naphthalene	10.000	10.155	-1.5	86	-0.01
95	T	1,2,3-Trichlorobenzene	10.000	9.888	1.1	72	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	83	-0.02
2	T	Dichlorodifluoromethane	0.308	0.330	-7.1	88	-0.02
3	P,T	Chloromethane	0.402	0.392	2.5	80	0.00
4	C,T	Vinyl chloride	0.334	0.356	-6.6	83	-0.01
5	T	Bromomethane	0.265	0.247	6.8	78	0.00
6	T	Chloroethane	0.237	0.229	3.4	78	-0.02
7	T	Dichlorofluoromethane	0.565	0.600	-6.2	85	0.00
8	T	Trichlorofluoromethane	0.382	0.394	-3.1	85	0.00
9	T	Acrolein	0.006	0.004	33.3#	64	0.00
10	T	Acetone	0.031	0.032	-3.2	91	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.177	1.1	81	-0.02
12	CMT	1,1-Dichloroethene	0.444	0.461	-3.8	84	0.00
13	T	tert-Butyl alcohol	0.017	0.016	5.9	79	-0.01
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.487	6.5	75	0.00
17	T	Methylene chloride	0.386	0.383	0.8	83	-0.01
18	T	Acrylonitrile	0.051	0.052	-2.0	87	-0.02
19	T	Carbon disulfide	1.171	1.089	7.0	80	-0.01
20	T	tert-Butyl methyl ether (MT	0.429	0.365	14.9	71	-0.02
21	T	trans-1,2-Dichloroethene	0.451	0.452	-0.2	80	-0.02
22	T	Isopropyl ether (DIPE)	1.023	0.994	2.8	76	0.00
23	T	Vinyl acetate	0.289	0.274	5.2	81	0.00
24	P,T	1,1-Dichloroethane	0.535	0.531	0.7	79	0.00
25	T	2-Butanol	0.011	0.010	9.1	83	-0.02
26	T	tert-Butyl ethyl ether (ETB	0.562	0.327	41.8#	48#	-0.02
27	T	2-Butanone	0.067	0.068	-1.5	90	-0.02
28	T	2,2-Dichloropropane	0.271	0.273	-0.7	85	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.344	3.4	79	-0.02
30	C,T	Chloroform	0.486	0.484	0.4	79	-0.02
31	T	Bromochloromethane	0.219	0.228	-4.1	83	-0.02
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.303	4.1	81	0.00
34	T	1,1,1-Trichloroethane	0.368	0.379	-3.0	82	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.045	51.1#	41#	-0.01
37	S	1,2-Dichloroethane-d4	0.228	0.222	2.6	85	-0.01
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	82	-0.02
39	T	1,1-Dichloropropene	0.177	0.183	-3.4	83	-0.02
40	T	Carbon tetrachloride	0.353	0.367	-4.0	81	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.292	-3.5	84	-0.02
42	TM	Benzene	1.440	1.391	3.4	78	-0.02
43	TM	Trichloroethene	0.410	0.401	2.2	78	-0.02
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.350	-2.3	80	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.369	-1.1	80	-0.02
48	T	Dibromomethane	0.151	0.161	-6.6	88	-0.02
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-0.02
50	T	4-Methyl-2-pentanone	0.186	0.181	2.7	86	-0.02
51	T	cis-1,3-Dichloropropene	0.445	0.463	-4.0	81	-0.02
52	S	Toluene-d8	1.357	1.299	4.3	80	0.00
53	CMT	Toluene	1.465	1.462	0.2	79	0.00
54	T	Ethyl methacrylate	0.260	0.238	8.5	76	-0.01
55	T	trans-1,3-Dichloropropene	0.316	0.327	-3.5	82	-0.01
56	T	2-Hexanone	0.120	0.116	3.3	85	-0.02
57	T	1,1,2-Trichloroethane	0.205	0.217	-5.9	85	-0.02
58	T	1,3-Dichloropropane	0.386	0.409	-6.0	86	0.00
59	T	Tetrachloroethene	0.311	0.314	-1.0	78	-0.02
60	T	Dibromochloromethane	0.228	0.234	-2.6	81	-0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.216	-4.3	85	-0.02
63	T	1-Chlorohexane	0.571	0.603	-5.6	79	-0.02
64	PM	Chlorobenzene	0.935	0.929	0.6	78	-0.02
65	T	1,1,1,2-Tetrachloroethane	0.278	0.283	-1.8	78	-0.02
66	C,T	Ethylbenzene	1.566	1.604	-2.4	78	-0.02
67	T	m-Xylene & p-Xylene	1.169	1.183	-1.2	78	-0.02
68	T	o-Xylene	1.197	1.196	0.1	76	-0.02
69	T	Styrene	0.846	0.757	10.5	69	-0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	81	0.00
71	T	Isopropylbenzene	4.005	4.090	-2.1	78	-0.02
72	P,T	Bromoform	0.301	0.305	-1.3	85	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.682	-4.3	88	-0.02
74	S	4-Bromofluorobenzene	1.156	1.084	6.2	79	-0.01
75	T	1,2,3-Trichloropropane	0.170	0.174	-2.4	89	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.118	4.8	88	-0.02
77	T	n-Propylbenzene	4.930	5.071	-2.9	77	-0.02
78	T	Bromobenzene	0.930	0.915	1.6	78	-0.02
79	T	1,3,5-Trimethylbenzene	3.031	3.074	-1.4	74	0.00
80	T	2-Chlorotoluene	3.162	3.179	-0.5	75	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW201.D Vial: 3
Acq On : 9 Sep 2010 10:46 am Operator: SD
Sample : CVO06I0207 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.615	1.5	79	-0.02
82	T	tert-Butylbenzene	0.755	0.790	-4.6	77	-0.02
83	T	1,2,4-Trimethylbenzene	2.963	2.965	-0.1	74	-0.02
84	T	sec-Butylbenzene	4.127	4.302	-4.2	75	-0.02
85	T	p-Isopropyltoluene	3.193	3.247	-1.7	73	0.00
86	T	1,3-Dichlorobenzene	1.784	1.758	1.5	75	-0.02
87	T	1,4-Dichlorobenzene	1.721	1.711	0.6	76	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	2.994	-4.7	73	-0.01
90	T	1,2-Dichlorobenzene	1.463	1.463	0.0	77	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.085	-1.2	92	-0.01
92	T	1,2,4-Trichlorobenzene	0.787	0.791	-0.5	72	-0.01
93	T	Hexachlorobutadiene	0.505	0.501	0.8	70	-0.01
94	T	Naphthalene	1.115	1.132	-1.5	86	-0.01
95	T	1,2,3-Trichlorobenzene	0.580	0.573	1.2	72	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: FMAX Inc
Lab Code: EMXI Case No.:
Lab File ID: RIW227
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101066
BFB Injection Date : 09/10/10
BFB Injection Time : 00:32
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.31
75	30.0 - 60.0% of mass 95	42.68
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.22
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	87.01
175	5.0 - 9.0% of mass 174	5.96(6.8)1
176	95.0 - 101.0% of mass 174	86.85(99.8)1
177	5.0 - 9.0% of mass 176	5.46(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV00610208	RIW228	09/10/10	01:03
2	MBLK5W	V0061129	RIW241	09/10/10	08:16
3	LCS5W	V0061121	RIW229	09/10/10	01:34
4	LCD5W	V0061120	RIW230	09/10/10	02:05
5	MW-70-PMW01A-A10-DDL	I066-02T	RIW242	09/10/10	08:47
6	MW-70-PMW01A-A10DL	I066-01T	RIW243	09/10/10	09:19
7	MW-70-PMW01A-A10-D	I066-02R	RIW244	09/10/10	09:50
8	MW-70-PMW01A-A10	I066-01R	RIW245	09/10/10	10:21

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1W064
Instrument ID: IQ06
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101066
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1150769	8.34	1016259	13.50	374439	18.67
2	MBLK3W	1369063	8.34	1133863	13.50	361070	18.67
3	LCS3W	1105522	8.35	977743	13.50	364060	18.67
4	LCD3W	1090685	8.34	946072	13.50	342089	18.67
5	MW-70-PMW01A-A10-DDL	1187137	8.34	1015738	13.49	347090	18.67
6	MW-70-PMW01A-A10DL	1242803	8.34	1061403	13.49	369083	18.67
7	MW-70-PMW01A-A10-D	783481	8.34	710078	13.48	292324	18.67
8	MW-70-PMW01A-A10	767770	8.34	697215	13.49	296772	18.67

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000		0.0	80	-0.02
2	T	Dichlorodifluoromethane	10.000	10.014		-0.1	78	-0.02
3	P,T	Chloromethane	10.000	9.671		3.3	76	0.00
4	C,T	Vinyl chloride	10.000	10.366		-3.7	77	-0.02
5	T	Bromomethane	10.000	9.507		4.9	76	0.00
6	T	Chloroethane	10.000	9.945		0.5	77	-0.02
7	T	Dichlorofluoromethane	10.000	10.597		-6.0	82	0.00
8	T	Trichlorofluoromethane	10.000	9.659		3.4	77	0.00
9	T	Acrolein	50.000	34.617	NT	30.8#	59	0.00
10	T	Acetone	50.000	59.423		-18.8	97	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.288		-2.9	81	0.00
12	CMT	1,1-Dichloroethene	10.000	10.358		-3.6	80	0.00
13	T	tert-Butyl alcohol	50.000	53.714		-7.4	84	0.00
14	T	Acetonitrile	-1.000	0.000		0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000		0.0	0	-6.58#
16	T	Iodomethane	10.000	9.857		1.4	76	0.00
17	T	Methylene chloride	10.000	10.483		-4.8	84	-0.02
18	T	Acrylonitrile	50.000	55.438		-10.9	91	-0.02
19	T	Carbon disulfide	10.000	9.319		6.8	76	0.00
20	T	tert-Butyl methyl ether (MT	10.000	11.053		-10.5	88	0.00
21	T	trans-1,2-Dichloroethene	10.000	10.593		-5.9	81	0.00
22	T	Isopropyl ether (DIPE)	10.000	10.269		-2.7	77	0.00
23	T	Vinyl acetate	10.000	9.440		5.6	77	0.00
24	P,T	1,1-Dichloroethane	10.000	10.551		-5.5	80	0.00
25	T	2-Butanol	50.000	0.000		100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	10.016		-0.2	78	-0.02
27	T	2-Butanone	50.000	55.588		-11.2	96	-0.02
28	T	2,2-Dichloropropane	10.000	9.970		0.3	80	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.094		-0.9	79	0.00
30	C,T	Chloroform	10.000	10.567		-5.7	80	0.00
31	T	Bromochloromethane	10.000	10.976		-9.8	84	0.00
32	T	Tetrahydrofuran	-1.000	0.000		0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	9.771		2.3	79	0.00
34	T	1,1,1-Trichloroethane	10.000	10.557		-5.6	81	0.00
35	T	Cyclohexane	-1.000	0.000		0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	10.104		-1.0	80	-0.02
37	S	1,2-Dichloroethane-d4	10.000	10.371		-3.7	87	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000		0.0	79	-0.02
39	T	1,1-Dichloropropene	10.000	10.234		-2.3	80	0.00
40	T	Carbon tetrachloride	10.000	10.289		-2.9	78	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	11.010	-10.1	86	-0.02
42	TM	Benzene	10.000	10.093	-0.9	79	0.00
43	TM	Trichloroethene	10.000	10.272	-2.7	80	-0.02
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.665	-6.6	81	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	10.577	-5.8	81	-0.02
48	T	Dibromomethane	10.000	11.051	-10.5	89	-0.02
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-0.02
50	T	4-Methyl-2-pentanone	50.000	52.888	-5.8	91	-0.02
51	T	cis-1,3-Dichloropropene	10.000	10.600	-6.0	80	-0.02
52	S	Toluene-d8	10.000	9.524	4.8	77	0.00
53	CMT	Toluene	10.000	10.378	-3.8	79	0.00
54	T	Ethyl methacrylate	10.000	10.254	-2.5	83	-0.01
55	T	trans-1,3-Dichloropropene	10.000	10.368	-3.7	80	0.00
56	T	2-Hexanone	50.000	53.113	-6.2	90	-0.02
57	T	1,1,2-Trichloroethane	10.000	11.165	-11.6	88	-0.02
58	T	1,3-Dichloropropane	10.000	11.300	-13.0	89	0.00
59	T	Tetrachloroethene	10.000	10.309	-3.1	77	-0.02
60	T	Dibromochloromethane	10.000	10.768	-7.7	83	-0.02
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	11.242	-12.4	89	0.00
63	T	1-Chlorohexane	10.000	10.541	-5.4	77	-0.02
64	PM	Chlorobenzene	10.000	10.357	-3.6	79	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	10.571	-5.7	79	-0.02
66	C,T	Ethylbenzene	10.000	10.590	-5.9	79	-0.02
67	T	m-Xylene & p-Xylene	20.000	20.697	-3.5	77	0.00
68	T	o-Xylene	10.000	10.397	-4.0	77	-0.02
69	T	Styrene	10.000	9.814	1.9	74	-0.02
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	78	0.00
71	T	Isopropylbenzene	10.000	10.708	-7.1	79	-0.02
72	P,T	Bromoform	10.000	9.858	1.4	90	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	10.000	11.235	-12.3	91	0.00
74	S	4-Bromofluorobenzene	10.000	9.498	5.0	77	0.00
75	T	1,2,3-Trichloropropane	10.000	11.522	-15.2	96	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	9.392	6.1	84	0.00
77	T	n-Propylbenzene	10.000	10.669	-6.7	77	-0.02
78	T	Bromobenzene	10.000	10.361	-3.6	79	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.683	-6.8	75	0.00
80	T	2-Chlorotoluene	10.000	10.422	-4.2	75	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.382	-3.8	80	-0.02
82	T	tert-Butylbenzene	10.000	10.783	-7.8	76	-0.02
83	T	1,2,4-Trimethylbenzene	10.000	10.507	-5.1	75	-0.02
84	T	sec-Butylbenzene	10.000	10.815	-8.1	75	-0.02
85	T	p-Isopropyltoluene	10.000	10.527	-5.3	73	0.00
86	T	1,3-Dichlorobenzene	10.000	10.289	-2.9	76	-0.02
87	T	1,4-Dichlorobenzene	10.000	10.268	-2.7	75	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	10.249	-2.5	68	-0.02
90	T	1,2-Dichlorobenzene	10.000	10.466	-4.7	77	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.403	6.0	89	-0.01
92	T	1,2,4-Trichlorobenzene	10.000	9.613	3.9	66	-0.02
93	T	Hexachlorobutadiene	10.000	9.867	1.3	67	-0.01
94	T	Naphthalene	10.000	9.242	7.6	75	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.367	6.3	66	-0.02

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	-0.02
2	T	Dichlorodifluoromethane	0.308	0.308	0.0	78	-0.02
3	P,T	Chloromethane	0.402	0.388	3.5	76	0.00
4	C,T	Vinyl chloride	0.334	0.346	-3.6	77	-0.02
5	T	Bromomethane	0.265	0.252	4.9	76	0.00
6	T	Chloroethane	0.237	0.236	0.4	77	-0.02
7	T	Dichlorofluoromethane	0.565	0.599	-6.0	82	0.00
8	T	Trichlorofluoromethane	0.382	0.368	3.7	77	0.00
9	T	Acrolein	0.006	0.004	33.3#	59	0.00
10	T	Acetone	0.031	0.036	-16.1	97	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.184	-2.8	81	0.00
12	CMT	1,1-Dichloroethene	0.444	0.460	-3.6	80	0.00
13	T	tert-Butyl alcohol	0.017	0.018	-5.9	84	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.513	1.5	76	0.00
17	T	Methylene chloride	0.386	0.404	-4.7	84	-0.02
18	T	Acrylonitrile	0.051	0.056	-9.8	91	-0.02
19	T	Carbon disulfide	1.171	1.091	6.8	76	0.00
20	T	tert-Butyl methyl ether (MT	0.429	0.474	-10.5	88	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.478	-6.0	81	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.050	-2.6	77	0.00
23	T	Vinyl acetate	0.289	0.273	5.5	77	0.00
24	P,T	1,1-Dichloroethane	0.535	0.564	-5.4	80	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.563	-0.2	78	-0.02
27	T	2-Butanone	0.067	0.075	-11.9	96	-0.02
28	T	2,2-Dichloropropane	0.271	0.270	0.4	80	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.360	-1.1	79	0.00
30	C,T	Chloroform	0.486	0.514	-5.8	80	0.00
31	T	Bromochloromethane	0.219	0.241	-10.0	84	0.00
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.309	2.2	79	0.00
34	T	1,1,1-Trichloroethane	0.368	0.388	-5.4	81	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.093	-1.1	80	-0.02
37	S	1,2-Dichloroethane-d4	0.228	0.236	-3.5	87	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	79	-0.02
39	T	1,1-Dichloropropene	0.177	0.181	-2.3	80	0.00
40	T	Carbon tetrachloride	0.353	0.364	-3.1	78	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.311	-10.3	86	-0.02
42	TM	Benzene	1.440	1.453	-0.9	79	0.00
43	TM	Trichloroethene	0.410	0.421	-2.7	80	-0.02
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.365	-6.7	81	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.386	-5.8	81	-0.02
48	T	Dibromomethane	0.151	0.167	-10.6	89	-0.02
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-0.02
50	T	4-Methyl-2-pentanone	0.186	0.197	-5.9	91	-0.02
51	T	cis-1,3-Dichloropropene	0.445	0.472	-6.1	80	-0.02
52	S	Toluene-d8	1.357	1.293	4.7	77	0.00
53	CMT	Toluene	1.465	1.520	-3.8	79	0.00
54	T	Ethyl methacrylate	0.260	0.267	-2.7	83	-0.01
55	T	trans-1,3-Dichloropropene	0.316	0.328	-3.8	80	0.00
56	T	2-Hexanone	0.120	0.127	-5.8	90	-0.02
57	T	1,1,2-Trichloroethane	0.205	0.229	-11.7	88	-0.02
58	T	1,3-Dichloropropane	0.386	0.436	-13.0	89	0.00
59	T	Tetrachloroethene	0.311	0.321	-3.2	77	-0.02
60	T	Dibromochloromethane	0.228	0.246	-7.9	83	-0.02
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.233	-12.6	89	0.00
63	T	1-Chlorohexane	0.571	0.602	-5.4	77	-0.02
64	PM	Chlorobenzene	0.935	0.969	-3.6	79	0.00
65	T	1,1,1,2-Tetrachloroethane	0.278	0.293	-5.4	79	-0.02
66	C,T	Ethylbenzene	1.566	1.658	-5.9	79	-0.02
67	T	m-Xylene & p-Xylene	1.169	1.210	-3.5	77	0.00
68	T	o-Xylene	1.197	1.244	-3.9	77	-0.02
69	T	Styrene	0.846	0.830	1.9	74	-0.02
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	78	0.00
71	T	Isopropylbenzene	4.005	4.289	-7.1	79	-0.02
72	P,T	Bromoform	0.301	0.333	-10.6	90	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.735	-12.4	91	0.00
74	S	4-Bromofluorobenzene	1.156	1.098	5.0	77	0.00
75	T	1,2,3-Trichloropropane	0.170	0.196	-15.3	96	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.117	5.6	84	0.00
77	T	n-Propylbenzene	4.930	5.260	-6.7	77	-0.02
78	T	Bromobenzene	0.930	0.963	-3.5	79	0.00
79	T	1,3,5-Trimethylbenzene	3.031	3.238	-6.8	75	0.00
80	T	2-Chlorotoluene	3.162	3.296	-4.2	75	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RIW228.D Vial: 3
Acq On : 10 Sep 2010 1:03 am Operator: SD
Sample : CVO06I0208 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.755	-3.8	80	-0.02
82	T	tert-Butylbenzene	0.755	0.814	-7.8	76	-0.02
83	T	1,2,4-Trimethylbenzene	2.963	3.113	-5.1	75	-0.02
84	T	sec-Butylbenzene	4.127	4.463	-8.1	75	-0.02
85	T	p-Isopropyltoluene	3.193	3.362	-5.3	73	0.00
86	T	1,3-Dichlorobenzene	1.784	1.836	-2.9	76	-0.02
87	T	1,4-Dichlorobenzene	1.721	1.767	-2.7	75	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	2.930	-2.5	68	-0.02
90	T	1,2-Dichlorobenzene	1.463	1.531	-4.6	77	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.085	-1.2	89	-0.01
92	T	1,2,4-Trichlorobenzene	0.787	0.757	3.8	66	-0.02
93	T	Hexachlorobutadiene	0.505	0.498	1.4	67	-0.01
94	T	Naphthalene	1.115	1.031	7.5	75	0.00
95	T	1,2,3-Trichlorobenzene	0.580	0.543	6.4	66	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1W344
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101066
BFB Injection Date : 09/15/10
BFB Injection Time : 12:17
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.61
75	30.0 - 60.0% of mass 95	43.01
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.79
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	87.55
175	5.0 - 9.0% of mass 174	6.28(7.2)1
176	95.0 - 101.0% of mass 174	84.85(96.9)1
177	5.0 - 9.0% of mass 176	5.04(5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006I0214	R1W345	09/15/10	12:48
2	MBLK4W	V006I19Q	R1W350	09/15/10	15:23
3	LCS4W	V006I19L	R1W346	09/15/10	13:19
4	LCD4W	V006I19C	R1W347	09/15/10	13:50
5	MW-70-PMW01B-A10	I066-03R	R1W366	09/15/10	23:42

FORM V VOA OLM02.0

BA

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1W064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101066
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1637462	8.35	1440307	13.50	540915	18.67
2	MBLK4W	1627025	8.36	1387479	13.50	496237	18.67
3	LCS4W	1709018	8.35	1489547	13.50	549712	18.67
4	LCD4W	1695990	8.34	1482469	13.50	556903	18.67
5	MW-70-PMW01B-A10	1467043	8.36	1347862	13.50	525225	18.67

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	114	-0.01
2	T	Dichlorodifluoromethane	10.000	9.985	0.2	111	0.00
3	P,T	Chloromethane	10.000	8.843	11.6	99	0.02
4	C,T	Vinyl chloride	10.000	9.069	9.3	96	0.00
5	T	Bromomethane	10.000	9.026	9.7	103	0.00
6	T	Chloroethane	10.000	9.726	2.7	107	0.00
7	T	Dichlorofluoromethane	10.000	10.069	-0.7	110	0.02
8	T	Trichlorofluoromethane	10.000	10.461	-4.6	118	0.02
9	T	Acrolein	50.000	46.278	7.4	116	0.02
10	T	Acetone	50.000	52.469	-4.9	122	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.457	-4.6	117	0.00
12	CMT	1,1-Dichloroethene	10.000	10.376	-3.8	114	0.00
13	T	tert-Butyl alcohol	50.000	55.492	-11.0	124	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	10.005	-0.1	110	0.02
17	T	Methylene chloride	10.000	10.547	-5.5	120	0.00
18	T	Acrylonitrile	50.000	51.251	-2.5	120	0.00
19	T	Carbon disulfide	10.000	8.508	14.9	99	0.00
20	T	tert-Butyl methyl ether (MT	10.000	10.365	-3.7	118	0.00
21	T	trans-1,2-Dichloroethene	10.000	10.517	-5.2	114	0.00
22	T	Isopropyl ether (DIPE)	10.000	11.185	-11.9	120	0.00
23	T	Vinyl acetate	10.000	10.185	-1.9	118	0.00
24	P,T	1,1-Dichloroethane	10.000	11.062	-10.6	120	0.00
25	T	2-Butanol	50.000	47.814	4.4	130	-0.02
26	T	tert-Butyl ethyl ether (ETB	10.000	9.879	1.2	110	0.00
27	T	2-Butanone	50.000	49.037	1.9	120	-0.01
28	T	2,2-Dichloropropane	10.000	11.406	-14.1	130	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.663	-6.6	118	0.00
30	C,T	Chloroform	10.000	11.123	-11.2	120	0.00
31	T	Bromochloromethane	10.000	10.944	-9.4	119	0.00
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	9.849	1.5	113	0.00
34	T	1,1,1-Trichloroethane	10.000	11.264	-12.6	122	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	9.605	3.9	109	0.00
37	S	1,2-Dichloroethane-d4	10.000	9.509	4.9	113	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	112	-0.01
39	T	1,1-Dichloropropene	10.000	10.920	-9.2	120	0.00
40	T	Carbon tetrachloride	10.000	11.606	-16.1	125	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.998	-10.0	122	-0.01
42	TM	Benzene	10.000	10.467	-4.7	117	0.00
43	TM	Trichloroethene	10.000	10.659	-6.6	117	-0.01
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	11.341	-13.4	122	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.838	-18.4	129	-0.01
48	T	Dibromomethane	10.000	10.856	-8.6	124	-0.01
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-0.03
50	T	4-Methyl-2-pentanone	50.000	49.559	0.9	120	-0.01
51	T	cis-1,3-Dichloropropene	10.000	11.837	-18.4	126	-0.01
52	S	Toluene-d8	10.000	9.389	6.1	108	-0.01
53	CMT	Toluene	10.000	10.839	-8.4	118	0.00
54	T	Ethyl methacrylate	10.000	10.671	-6.7	122	-0.01
55	T	trans-1,3-Dichloropropene	10.000	11.707	-17.1	128	-0.01
56	T	2-Hexanone	50.000	49.288	1.4	119	-0.01
57	T	1,1,2-Trichloroethane	10.000	11.110	-11.1	123	-0.01
58	T	1,3-Dichloropropane	10.000	11.103	-11.0	124	-0.01
59	T	Tetrachloroethene	10.000	11.003	-10.0	117	-0.01
60	T	Dibromochloromethane	10.000	11.846	-18.5	129	-0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.753	-7.5	121	-0.01
63	T	1-Chlorohexane	10.000	11.471	-14.7	119	-0.01
64	PM	Chlorobenzene	10.000	10.877	-8.8	118	-0.01
65	T	1,1,1,2-Tetrachloroethane	10.000	11.706	-17.1	123	-0.01
66	C,T	Ethylbenzene	10.000	11.053	-10.5	116	-0.01
67	T	m-Xylene & p-Xylene	20.000	22.056	-10.3	117	-0.01
68	T	o-Xylene	10.000	11.133	-11.3	117	-0.01
69	T	Styrene	10.000	10.900	-9.0	116	-0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	112	0.00
71	T	Isopropylbenzene	10.000	11.071	-10.7	117	-0.01
72	P,T	Bromoform	10.000	10.672	-6.7	140	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.799	-8.0	127	-0.01
74	S	4-Bromofluorobenzene	10.000	9.541	4.6	112	-0.01
75	T	1,2,3-Trichloropropane	10.000	10.290	-2.9	124	-0.01
76	T	trans-1,4-Dichloro-2-butene	10.000	11.306	-13.1	146	-0.01
77	T	n-Propylbenzene	10.000	11.081	-10.8	115	-0.01
78	T	Bromobenzene	10.000	10.941	-9.4	121	-0.01
79	T	1,3,5-Trimethylbenzene	10.000	11.129	-11.3	113	-0.01
80	T	2-Chlorotoluene	10.000	11.362	-13.6	119	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.541	-5.4	118	-0.01
82	T	tert-Butylbenzene	10.000	11.336	-13.4	116	-0.01
83	T	1,2,4-Trimethylbenzene	10.000	11.069	-10.7	114	-0.01
84	T	sec-Butylbenzene	10.000	11.329	-13.3	114	-0.01
85	T	p-Isopropyltoluene	10.000	11.038	-10.4	111	-0.01
86	T	1,3-Dichlorobenzene	10.000	11.103	-11.0	118	-0.01
87	T	1,4-Dichlorobenzene	10.000	11.087	-10.9	117	-0.01
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	11.190	-11.9	108	-0.01
90	T	1,2-Dichlorobenzene	10.000	11.063	-10.6	118	-0.01
91	T	1,2-Dibromo-3-chloropropane	10.000	10.205	-2.1	140	-0.01
92	T	1,2,4-Trichlorobenzene	10.000	11.319	-13.2	112	-0.01
93	T	Hexachlorobutadiene	10.000	11.552	-15.5	114	-0.01
94	T	Naphthalene	10.000	9.917	0.8	117	-0.01
95	T	1,2,3-Trichlorobenzene	10.000	11.012	-10.1	112	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	114	-0.01
2	T	Dichlorodifluoromethane	0.308	0.307	0.3	111	0.00
3	P,T	Chloromethane	0.402	0.355	11.7	99	0.02
4	C,T	Vinyl chloride	0.334	0.303	9.3	96	0.00
5	T	Bromomethane	0.265	0.239	9.8	103	0.00
6	T	Chloroethane	0.237	0.230	3.0	107	0.00
7	T	Dichlorofluoromethane	0.565	0.569	-0.7	110	0.02
8	T	Trichlorofluoromethane	0.382	0.399	-4.5	118	0.02
9	T	Acrolein	0.006	0.005	16.7	116	0.02
10	T	Acetone	0.031	0.032	-3.2	122	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.187	-4.5	117	0.00
12	CMT	1,1-Dichloroethene	0.444	0.461	-3.8	114	0.00
13	T	tert-Butyl alcohol	0.017	0.018	-5.9	124	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.521	0.0	110	0.02
17	T	Methylene chloride	0.386	0.407	-5.4	120	0.00
18	T	Acrylonitrile	0.051	0.052	-2.0	120	0.00
19	T	Carbon disulfide	1.171	0.996	14.9	99	0.00
20	T	tert-Butyl methyl ether (MT	0.429	0.444	-3.5	118	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.474	-5.1	114	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.144	-11.8	120	0.00
23	T	Vinyl acetate	0.289	0.295	-2.1	118	0.00
24	P,T	1,1-Dichloroethane	0.535	0.592	-10.7	120	0.00
25	T	2-Butanol	0.011	0.011	0.0	130	-0.02
26	T	tert-Butyl ethyl ether (ETB	0.562	0.555	1.2	110	0.00
27	T	2-Butanone	0.067	0.066	1.5	120	-0.01
28	T	2,2-Dichloropropane	0.271	0.309	-14.0	130	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.380	-6.7	118	0.00
30	C,T	Chloroform	0.486	0.541	-11.3	120	0.00
31	T	Bromochloromethane	0.219	0.240	-9.6	119	0.00
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.311	1.6	113	0.00
34	T	1,1,1-Trichloroethane	0.368	0.414	-12.5	122	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.088	4.3	109	0.00
37	S	1,2-Dichloroethane-d4	0.228	0.216	5.3	113	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	112	-0.01
39	T	1,1-Dichloropropene	0.177	0.193	-9.0	120	0.00
40	T	Carbon tetrachloride	0.353	0.410	-16.1	125	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.310	-9.9	122	-0.01
42	TM	Benzene	1.440	1.507	-4.7	117	0.00
43	TM	Trichloroethene	0.410	0.437	-6.6	117	-0.01
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.388	-13.5	122	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.432	-18.4	129	-0.01
48	T	Dibromomethane	0.151	0.164	-8.6	124	-0.01
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-0.03
50	T	4-Methyl-2-pentanone	0.186	0.184	1.1	120	-0.01
51	T	cis-1,3-Dichloropropene	0.445	0.527	-18.4	126	-0.01
52	S	Toluene-d8	1.357	1.275	6.0	108	-0.01
53	CMT	Toluene	1.465	1.587	-8.3	118	0.00
54	T	Ethyl methacrylate	0.260	0.278	-6.9	122	-0.01
55	T	trans-1,3-Dichloropropene	0.316	0.370	-17.1	128	-0.01
56	T	2-Hexanone	0.120	0.118	1.7	119	-0.01
57	T	1,1,2-Trichloroethane	0.205	0.228	-11.2	123	-0.01
58	T	1,3-Dichloropropane	0.386	0.428	-10.9	124	-0.01
59	T	Tetrachloroethene	0.311	0.343	-10.3	117	-0.01
60	T	Dibromochloromethane	0.228	0.270	-18.4	129	-0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.223	-7.7	121	-0.01
63	T	1-Chlorohexane	0.571	0.655	-14.7	119	-0.01
64	PM	Chlorobenzene	0.935	1.017	-8.8	118	-0.01
65	T	1,1,1,2-Tetrachloroethane	0.278	0.325	-16.9	123	-0.01
66	C,T	Ethylbenzene	1.566	1.731	-10.5	116	-0.01
67	T	m-Xylene & p-Xylene	1.169	1.289	-10.3	117	-0.01
68	T	o-Xylene	1.197	1.332	-11.3	117	-0.01
69	T	Styrene	0.846	0.922	-9.0	116	-0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	112	0.00
71	T	Isopropylbenzene	4.005	4.434	-10.7	117	-0.01
72	P,T	Bromoform	0.301	0.361	-19.9	140	-0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.707	-8.1	127	-0.01
74	S	4-Bromofluorobenzene	1.156	1.103	4.6	112	-0.01
75	T	1,2,3-Trichloropropane	0.170	0.175	-2.9	124	-0.01
76	T	trans-1,4-Dichloro-2-butene	0.124	0.141	-13.7	146	-0.01
77	T	n-Propylbenzene	4.930	5.463	-10.8	115	-0.01
78	T	Bromobenzene	0.930	1.017	-9.4	121	-0.01
79	T	1,3,5-Trimethylbenzene	3.031	3.373	-11.3	113	-0.01
80	T	2-Chlorotoluene	3.162	3.593	-13.6	119	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RIW345.D Vial: 2
Acq On : 15 Sep 2010 12:48 pm Operator: SD
Sample : CVO06I0214 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Fri Sep 03 08:59:08 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.797	-5.4	118	-0.01
82	T	tert-Butylbenzene	0.755	0.856	-13.4	116	-0.01
83	T	1,2,4-Trimethylbenzene	2.963	3.280	-10.7	114	-0.01
84	T	sec-Butylbenzene	4.127	4.676	-13.3	114	-0.01
85	T	p-Isopropyltoluene	3.193	3.525	-10.4	111	-0.01
86	T	1,3-Dichlorobenzene	1.784	1.981	-11.0	118	-0.01
87	T	1,4-Dichlorobenzene	1.721	1.908	-10.9	117	-0.01
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.199	-11.9	108	-0.01
90	T	1,2-Dichlorobenzene	1.463	1.619	-10.7	118	-0.01
91	T	1,2-Dibromo-3-chloropropane	0.084	0.093	-10.7	140	-0.01
92	T	1,2,4-Trichlorobenzene	0.787	0.891	-13.2	112	-0.01
93	T	Hexachlorobutadiene	0.505	0.583	-15.4	114	-0.01
94	T	Naphthalene	1.115	1.106	0.8	117	-0.01
95	T	1,2,3-Trichlorobenzene	0.580	0.638	-10.0	112	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/15/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06 -045

BATCH V006 9/15/10

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RZD344	RFB06Z19	5mL					12:17pm
02	345	CV006Z02-14	5/5/1/1/25					
03	346	V006Z19L	5/5/1/1/25					
04	347	↓ C	↓					
05	348	R1258	25mL					
06	349	V006Z19B						
07	350	↓ Q						
08	351	10Z115-01R		1.0	✓	✓		TB-02-04-16
09	352	10Z152-01R			✓	✓		TB-02-05-44
10	353	10Z188-01			✓	✓		TB-02-05-44
11	354	-02			✓	✓		
12	355	↓ -03			✓	✓		
13	356	10Z198-02R 9/14/10			✓	✓		TB-02-04-19 water cont
14	357	-07			✓	✓		TB-02-04-20 small bubble cont
15	358	-08			✓	✓		
16	359	-09			✓	✓		
17	360	-04			✓	✓		
18	361	↓ -05			✓	✓		
19	362	R1258			[illegible]			
20	363	10Z152-27T	1.0mL	25	✓	✓		
21	364	-14T	0.5mL	10	✓	✓		
22	365	↓ -08	25mL	1.0	✓	✓		
23	366	10Z066-03R	25mL	1.0	✓	✓		11:42pm
24	↓367-371	R1258	*SG 9/16/10					
25								SG 9/16/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006Z02
STANDARDS	

NAME	ID	CONC. (ug/L)
DCC	SV1-16-34-2	
DCC	-27-3	
DCC	-21-1	
BFB	-21-3	
IS/SURR	-36-2	50/250
LCS	-33-1	1000/1250
LCS	-25-3	
LCS	SV1-15-100-1	
	SV1-16-35-3	
	SV1-13-[illegible]	

SOLVENT	ID
METHANOL	
DATA FILE	10Z 15

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: GG

Date Disposed: 9/16/10

Disposed By: GG

2877

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/20/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H20

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01		RHQ636	RRB05H30	3mL	N/A	N/A	N/A		5:10 pm
02		637	V005H201	.05/.25/.03/.03mL					0.3 / 1.5
03		638	2	.25/.25/.05/.05/.05mL					0.5 / 2.5
04		639	3	.5/.5/.1/.1mL					1.0 / 5.0
05		640	4	1/1/.2/.2mL					2.0 / 10
06		641	5	2.5/2.5/.5/.5mL					5.0 / 25
07		642	6	5/5/1/1mL					10 / 50
08		643	7	10/10/2/2mL					20 / 100
09		644	8	15/15/3/3mL					30 / 150
10		645	9	20/20/4/4mL					40 / 200
11		646	10	25/25/5/5mL					50 / 250
12		647	11	50/50/10/10mL					100 / 500
13		648	RS/SS						
14		649	~~V005H200~~ V005H30B						
15		650	V005H200/*	5ml/1mL	N/A	N/A	N/A		10 / 50 / 10 / 12:10pm
16		651	RINSE						
17									
18									
19									
20									
21									
22									
23									
24									
25									8/21/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20

STANDARDS

NAME	ID		CONC (ug/L)
DCC KET-ACR-ACN	V01-10-25-2		250
DCC 8260(ACN) CS2		-21-2 -22-1	50/250 250
DCC 624BS 2-Butanol		-20-2 -19-1	250 1250
BFB		-24-2	50
IS/SURR. IS SS		-18-2 -18-3	250 250
LCS KET-ACR-ACN		-25-3	250
LCS 8260(ACN)		-100-1	50/250
LCS 624BS 2-Butanol	V01-12-7	-26-1	250 1000

SOLVENT	ID
METHANOL	
DATA FILE	10H20

Electronic Data Archival

Location	Date
NPCHEM_VOA/TOOS	

Comments: *Not valid for acrolein, 1,1,2-trichloro-1,2,2-trifluoroethane and 2-butanol verification

Analyzed By: [illegible]

Date Disposed: 8/21/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev. No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 8/21/12 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H200

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	Df	Matrix W pH	Matrix W Conc	Matrix S	Notes
01	RHQ652	BMB25H31	25mL					5:45am
02	653	IV005H2002*	25mL					
03	654	CC005H2001	25mL					
04	655	V005H31A	25mL					
05	656	C						
06	657	RINSE	25mL					
07	658	V005H31B						
08	659	10H194-13		1.0	12	15		RE for conf. 78-12-04-26
09	660	-21			12	15		
10	661	10H221-08			12	15		Dilute 1:10
11	662	-09			12	15		
12	663	10H230-05			12	15		78-12-04-14
13	664	10H222-05			12	15		
14	665	-01			12	15		
15	666	-04			12	15		
16	667	-02			12	15		
17	668	-03			12	15		
18	669	-06			12	15		
19	670	10H230-01			12	15		
20	671	-02			12	15		
21	672	-03			12	15		
22	673	-04			12	15		
23	674	-04MS			12	15		
24	675	-04S			12	15		8:38pm
25	676	RINSE						8/23/10

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/12
ICAL ID	V005H20

STANDARDS

NAME	ID	Conc (ug/L)
DCC RET-AIR ALR	8V1-16-25-2	250
DCC RECONFIG CS2	-21-2 -27-1	50/250 250
DCC GASES & ALDEHYDES	-20-2 -19-1	250 1250
BFB	-26-2	50
IS/SURR.	-23-1	250
RET. CS ACR ACN	-25-3	250
LCS RET CS (MeOH)	8V1-16-19-3	50/250
LCS GASES & ALDEHYDES	8V1-16-26-1 5V1-12-28-1	250 1000

SOLVENT	ID
METHANOL	
DATA FILE	10H21

Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOOS	

Comments: * ICV not valid for 2-CLEVE verification

Analyzed By: [illegible]

Date Disposed: 8/23/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No. 0 ☐

Start Date: 9/8/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -054

BATCH V005H2029

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W σ (µm)	Matrix S	Notes
01	RFQ238	RFB05712	5mL					1:10DM
02	239	V005H2029	5ml/1/gal					
03	240	V005712L	5ml/1.25L					
04	241	↓ C	↓					
05	242	RINS5	25mL					
06	243	V005712R	↓					
07	244	102067-02R	↓	1.0	<2	<5		TB-02-07-40
08	245	102066-07	↓		<2	<5		TB-02-07-03
09	246	102019-01T	1.0mL	25	<2	<5		
10	247	↓ -02T	2.5mL	10	<2	<5		
11	248	↓ -03T	0.50mL	50	<2	<5		
12	249	↓ -04T	↓	↓	<2	<5		
13	250	102043-03T	↓	↓	<2	<5		
14	251	↓ -04T	25mL	10	<2	<5		
15	252	↓ -05T	0.25mL	100	<2	<5		
16	253	102080-02	25mL	1.0	<2	<5		
17	254	102043-01R	↓	↓	<2	<5		
18	255	↓ -02R	↓	↓	<2	<5		
19	256	102066-01	↓	↓	<2	<5		250X
20	257	↓ -02	↓	↓	<2	<5		250X
21	258	↓ -03	↓	↓	<2	<5		100X
22	259	↓ -04	↓	↓	<2	<5		50X
23	260	↓ -05	↓	↓	<2	<5		100X
24	↓ 261	↓ -06	↓	↓	<2	<5		RR 12:44am
25			rd 9/9/10					

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	8/20/10
ICAL ID	V005H20

STANDARDS

NAME	ID	CONC. (ng/L)
DCC	SVI-16-25-2	
DCC	↓ -21-2 -27-1	
DCC	↓ ~~-28-2~~ -33-3 -49-1 9/9/10	
BFB	↓ -26-2	50/250
IS/SURR	↓ -38-2	200/~~250~~
LCS	↓ -25-3	125
LCS	SVI-15-99-3	
LCS	SVI-16-26-1 SVI-12-28-0	

SOLVENT	ID
METHANOL	
DATA FILE	10208

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: rd

Date Disposed: 9/9/10

Disposed By: rd

ANALYSIS LOG FOR VOLATILES

Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Purge ☑ 25-ml Purge

Book # A06 -044

Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O_2	Matrix S	Notes
01	RD058	RFB06I04	2mL	N/A	N/A	N/A		5:36pm
02	059	V006I021						0.3 / 1.5
03	060	2						2.5 / 2.5
04	061	3						1.0 / 5.0
05	062	4						2.0 / 10
06	063	5						5.0 / 25
07	064	6						10 / 50
08	065	7						20 / 100
09	066	8						30 / 150
10	067	9						40 / 200
11	068	10						50 / 250
12	069	11						100 / 500
13	070	N/SS						
14	071	V006I04A						
15	072	V006I025		N/A	N/A	N/A		10 / 50 / 60
16	073	RINSE						1:37am
17	074	TEST						
18	075							
19								
20								
21								
22								
23								
24								
25								sd 9/3/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V06I02

STANDARDS

NAME	ID	CONC. (ug/L)
DCC RFT-A-ACN	811-16-34-2	50
DCC 8260MS CS2	-21-3 -27-1	50/250 250
DCC 624MS 2-BA	-21-1 -21-3	250 1250
BFB	-26-2	50
IS/SURR IS SS	-30-3 -31-2/15/2010	250 250
LCS RFT-A-ACN	-25-3	250
LCS 8260 Standard	-23-2	50/250
LCS 624MS 2-BA	-35-3 811-12-38-0	250 1500

SOLVENT	ID
METHANOL	
DATA FILE	10I02

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: sd

Date Disposed: 9/3/10

Disposed By: sd

BATCH 2081

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH CV006Z02-07

Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl	Matrix S	Notes
01	RW199	RB06Z11	5ml					9:34am
02	200	IV006Z02 03**	[illegible]					
03	201	CV006Z0207	[illegible]					
04	202	V006Z11L	[illegible]					
05	203	↓ C	↓					
06	204	RINSE	25mL					
07	205	V006Z11B						
08	206	↓ Q	↓					
09	207	102066-01Z	0.10mL	250	<2	<5		
10	208	-02Z	↓	↓	<2	<5		
11	209	-03T	0.25mL	100	<2	<5		
12	210	-04T	0.50mL	50	<2	<5		
13	211	-05T	0.25mL	100	<2	<5		
14	212	-06R	25mL	1.0	<2	<5		
15	213	RINSE						
16	214	102093-06	25mL	1.0	<2	<5		
17	215	-07T	0.50mL	50	<2	<5		
18	216	-01	25mL	1.0	<2	<5		
19	217	-02			<2	<5		
20	218	-03			<2	<5		
21	219	-04			<2	<5		
22	220	-05	↓	↓	<2	<5		
23	221	RINSE						9:26pm
24	222	102093-07	25mL	1.0	<2	<5		9:56pm
25	223-226	RINSE						SCJ 9/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006Z02

STANDARDS

NAME	ID	CONC (ug/L)
DOC	[redacted]	250
DOC	[redacted]	50/250 250
DOC GASES 2-BA	[redacted]	250 1250
BFB	-26-2	50
IS/SURR	-33-1	250
LCS KET-A-MCN	-35-1 ICV only -25-3 ACC only	250 250
LCS 8260 STD MCN	CV1-15-100-1	50/250
LCS GASES 2-BA	CV1-16-35-3 CV1-13-33-0	250 1000
SOLVENT	ID	
METHANOL		
DATA FILE	10209	

Electronic Data Archival

Location	Date
HPCHEM_VOA/TOOS	

Comments: **Not valid for projects requiring verification of 2,2-Dichloropropane at +/-20%

Analyzed By: SCJ

Date Disposed: 9/10/10

Disposed By: SCJ

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/10/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH CV006202208

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl	Matrix S	Notes
01	RD227	RFA06212	5mL					12:32am
02	228	CV006202208	25mL/pal					
03	229	V006212L	25mL/pal					
04	230	↓ C	↓					seq. incorrectly loaded; wrong acq method used=requeued.
05	231	RINSE	25mL					
06	232	V006212R	↓					
07	233	102093-01T	1.0mL	25	<2	<5		
08	234	-02T	↓	↓	<2	<5		
09	235	-03T			<2	<5		
10	236	-04T			<2	<5		
11	237	-05T	↓	↓	<2	<5		
12	238	TEST						
13	239	RINSE						
14	240	102093-07R	25mL	1.0	<2	<5		
15	241	V006212Q	↓		<2	<5 9/10/10		
16	242	102066-02T	0.25mL	100	<2	<5		
17	243	-01T	↓	↓	<2	<5		
18	244	-02R	25mL	1.0	<2	<5		
19	245	-01R	↓	↓	<2	<5		10:21am
20	246-248	RINSE						
21								
22								
23								
24								
25								9/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006202

STANDARDS NAME	ID	CONC. (ug/L)
DCC	8V1-16-39-2	
DCC	-21-3	
DCC	-27-1	
DCC	-21-1	
BFB	-26-2	50/250
IS/SURR.	-33-1	
LCS	-25-3	
LCS	8V1-15-100-1	
LCS	8V1-16-35-3	

SOLVENT	ID
METHANOL	
DATA FILE	13209

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/10/10

Disposed By: [illegible]

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I066

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD RSK-175
DISSOLVED GASES

A total of six (6) water samples were received on 09/03/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI009WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT SEC, INC. SDG NO. : 1010066
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : GC7010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DG1009W8	1	NA	09/15/1011:18	09/15/1009:45	F115003A	F115002A	DG1009W	Method Blank
LCS1W	DG1009WL	1	NA	09/15/1011:32	09/15/1009:45	F115004A	F115002A	DG1009W	Lab Control Sample (LCS)
LCD1W	DG1009WC	1	NA	09/15/1011:46	09/15/1009:45	F115005A	F115002A	DG1009W	LCS Duplicate
MW-70-PMW01A-A10	1066-01	1	NA	09/15/1012:32	09/15/1009:45	F115036A	F115002A	DG1009W	Field Sample
MW-70-PMW01A-A10DL	1066-01T	5	NA	09/15/1012:37	09/15/1009:45	F115038A	F115002A	DG1009W	Diluted Sample
MW-70-PMW01A-A10-D	1066-02	1	NA	09/15/1012:19	09/15/1009:45	F115037A	F115002A	DG1009W	Field Sample
MW-70-PMW01A-A10-DDL	1066-02T	5	NA	09/15/1013:08	09/15/1009:45	F115010A	F115002A	DG1009W	Diluted Sample
MW-70-PMW01B-A10	1066-03	1	NA	09/15/1012:52	09/15/1009:45	F115009A	F115002A	DG1009W	Field Sample
MW-70-PMW01B-A10DL	1066-03T	100	NA	09/15/1013:36	09/15/1009:45	F115012A	F115002A	DG1009W	Diluted Sample
MW-70-PMW06A-A10	1066-04	1	NA	09/15/1013:23	09/15/1009:45	F115011A	F115002A	DG1009W	Field Sample
MW-70-PMW06A-A10DL	1066-04T	20	NA	09/15/1014:06	09/15/1009:45	F115014A	F115002A	DG1009W	Diluted Sample
MW-70-PMW06B-A10	1066-05	1	NA	09/15/1013:54	09/15/1009:45	F115013A	F115002A	DG1009W	Field Sample
MW-70-38-A10	1066-06	1	NA	09/15/1014:46	09/15/1009:45	F115016A	F115015A	DG1009W	Field Sample
MW-70-38-A10DL1	1066-06T	10	NA	09/15/1015:08	09/15/1009:45	F115017A	F115015A	DG1009W	Diluted Sample
MW-70-38-A10DL2	1066-06D	1000	NA	09/15/1016:18	09/15/1009:45	F115021A	F115015A	DG1009W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW01A-A10	Date Analyzed:	09/15/10 12:02
Lab Samp ID:	I066-01	Dilution Factor:	1
Lab File ID:	F115006A	Matrix	: WATER
Ext Btch ID:	DGI009W	% Moisture	: NA
Calib. Ref.:	F115002A	Instrument ID	: GCTD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.1	2.0	0.60
ETHENE	31	2.0	0.60
METHANE	75E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW01A-A10DL	Date Analyzed:	09/15/10 12:37
Lab Samp ID:	1066-01Y	Dilution Factor:	5
Lab File ID:	F115008A	Matrix	: WATER
Ext Btch ID:	DGI009W	% Moisture	: NA
Calib. Ref.:	F115002A	Instrument ID	: GCF010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.4J	10	3.0
ETHENE	32	10	3.0
METHANE	94	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW01A-A10-D	Date Analyzed:	09/15/10 12:19
Lab Samp ID:	1066-02	Dilution Factor:	1
Lab File ID:	FI15007A	Matrix	: WATER
Ext Btch ID:	OGT009W	% Moisture	: NA
Calib. Ref.:	FI15002A	Instrument ID	: GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.0	2.0	0.60
ETHENE	28	2.0	0.60
METHANE	70E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT GEO, INC.	Date Collected: 09/03/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/03/10
Batch No. : 101066	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW01A-A10-DDL	Date Analyzed: 09/15/10 13:08
Lab Samp ID: I066-02T	Dilution Factor: 5
Lab File ID: FI15010A	Matrix : WATER
Ext Btch ID: DGI009W	% Moisture : NA
Calib. Ref.: FI15002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.3J	10	3.0
ETHENE	30	10	3.0
METHANE	88	10	5.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066
Sample ID: MW-70-PMW018-A10
Lab Samp ID: 1066-03
Lab File ID: FI15009A
Ext Btch ID: DGI009W
Calib. Ref.: FI15002A

Date Collected: 09/03/10
Date Received: 09/03/10
Date Extracted: 09/15/10 09:45
Date Analyzed: 09/15/10 12:52
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	16	2.0	0.60
ETHENE	460E	2.0	0.60
METHANE	240E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/03/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/03/10
Batch No. : 101066	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW018-A10DL	Date Analyzed: 09/15/10 13:36
Lab Samp ID: 1066-03T	Dilution Factor: 100
Lab File ID: FI15012A	Matrix : WATER
Ext Btch ID: DGI009W	% Moisture : NA
Calib. Ref.: FI15002A	Instrument ID : GCI010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	200	60
ETHENE	990	200	60
METHANE	3000	200	60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/03/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/03/10
Batch No. : 101066	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW06A-A10	Date Analyzed: 09/15/10 15:25
Lab Samp ID: 1066-04	Dilution Factor: 1
Lab File ID: F115011A	Matrix : WATER
Ext Btch ID: DGI009W	% Moisture : NA
Calib. Ref.: F115002A	Instrument ID : GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.8J	2.0	0.60
ETHENE	6.5	2.0	0.60
METHANE	120E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 10I066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW06A-A10DL	Date Analyzed:	09/15/10 14:06
Lab Samp ID:	1066-04T	Dilution Factor:	20
Lab File ID:	F115014A	Matrix	: WATER
Ext Btch ID:	DGI009W	% Moisture	: NA
Calib. Ref.:	F115002A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	40	12
ETHENE	ND	40	12
METHANE	200	40	12

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/03/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/03/10
Batch No. : 101066	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW068-A10	Date Analyzed: 09/15/10 13:54
Lab Samp ID: I066-05	Dilution Factor: 1
Lab File ID: FI15015A	Matrix : WATER
Ext Btch ID: DG1009W	% Moisture : NA
Calib. Ref.: FI15002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.64J	2.0	0.60
METHANE	12	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 101066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-38-A10	Date Analyzed:	09/15/10 14:46
Lab Samp ID:	1066-06	Dilution Factor:	1
Lab File ID:	F115016A	Matrix :	WATER
Ext Btch ID:	DGI009W	% Moisture :	NA
Calib. Ref.:	F115015A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.71J	2.0	0.60
ETHENE	200E	2.0	0.60
METHANE	600E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/03/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
Batch No.	: 10I066	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-38-A10DL1	Date Analyzed:	09/15/10 15:08
Lab Samp ID:	1066-06T	Dilution Factor:	10
Lab File ID:	F115017A	Matrix	: WATER
Ext Btch ID:	DGI009W	% Moisture	: NA
Calib. Ref.:	F115015A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	200	20	6.0
METHANE	2300E	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1DI066
Sample ID: MW-70-38-A10DL2
Lab Samp ID: 1066-06I
Lab File ID: FI15021A
Ext Btch ID: DGI009W
Calib. Ref.: FI15015A

Date Collected: 09/03/10
Date Received: 09/03/10
Date Extracted: 09/15/10 09:45
Date Analyzed: 09/15/10 16:18
Dilution Factor: 1000
Matrix : WATER
% Moisture : NA
Instrument ID : GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066
Sample ID: MBLK1W
Lab Samp ID: DG1009W8
Lab File ID: FI15003A
Ext Btch ID: DG1009W
Calib. Ref.: FI15002A

Date Collected: NA
Date Received: 09/15/10
Date Extracted: 09/15/10 09:45
Date Analyzed: 09/15/10 11:18
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : GCI010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DG1009WB	DG1009WL	DG1009WC		
LAB FILE ID:	FI15003A	FI15004A	FI15005A		
DATE EXTRACTED:	09/15/1009:45	09/15/1009:45	09/15/1009:45	DATE COLLECTED:	NA
DATE ANALYZED:	09/15/1011:18	09/15/1011:32	09/15/1011:46	DATE RECEIVED:	09/15/10
PREP. BATCH:	DG1009W	DG1009W	DG1009W		
CALIB. REF:	FI15002A	FI15002A	FI15002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	24.1	95	25.4	23.3	92	3	70-140	30
Ethene	ND	23.7	22.3	94	23.7	21.8	92	2	70-140	30
Methane	ND	13.6	12.5	92	13.6	11.8	86	6	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT01D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.5	28066.5	954434	34.01	-9		15

DG10F08.MET

C6/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : FMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI15002A 09/15/2010 11:01
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	374061	12.55	-7		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	402555	22.31	-6		15
Ethane	3.092	3.042	3.142	25.4	26515.2	632370	23.85	-6		15
Propane	5.975	5.888	6.062	37.3	28066.5	1004588	35.79	-4		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI15015A 09/15/2010 14:29
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	29810.9	399858	13.41	-1		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	429441	23.80	0		15
Ethane	3.117	3.067	3.167	25.4	26515.2	674215	25.43	0		15
Propane	6.008	5.921	6.095	37.3	28066.5	1066607	38.00	2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : FMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F115D26A 09/15/2010 17:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	382690	12.84	-5		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	411306	22.79	-4		15
Ethane	3.117	3.067	3.167	25.4	26515.2	641745	24.20	-5		15
Propane	6.000	5.913	6.087	37.3	28066.5	986370	35.14	-6		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (ug/L)
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: Ff08.seq Data: Ff08.009 - [Batch: ff08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Calculator | Method: Dg10f08.met - B... | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGI009 : I066, I091

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FI15
Method File:	DG10F08
Analytical Batch:	CDG10F08332

SOP #	Rev. #
☐ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAe, DCC SSSB-06-40-2	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/15/10

Disposed By: SC

Date Disposed: 9/15/10

Method: Dg10f08.met Batch: Fi15.seq Data: Fi15.033 - [Batch: fi15.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.		ISTD Amt.	Mult.
1	Unknown	IB101332	dg10f08.met	FI15.001	0	100ul	1	0	1
2	Unknown	CDG10F08332	dg10f08.met	FI15.002	0		1	0	1
3	Unknown	DG1009V8	dg10f08.met	FI15.003	0		1	0	1
4	Unknown	DG1009VL	dg10f08.met	FI15.004	0		1	0	1
5	Unknown	DG1009VC	dg10f08.met	FI15.005	0		1	0	1
6	Unknown	10I066-01 RR CH4E	dg10f08.met	FI15.006	0		1	0	1
7	Unknown	10I066-02 RR CH4E	dg10f08.met	FI15.007	0		1	0	1
8	Unknown	10I066-01T DF=5	dg10f08.met	FI15.008	0	20ul	1	0	5
9	Unknown	10I066-03 RR CH4,C2H4E	dg10f08.met	FI15.009	0	100ul	1	0	1
10	Unknown	10I066-02T DF=5	dg10f08.met	FI15.010	0	20ul	1	0	5
11	Unknown	10I066-04 RA CH4E	dg10f08.met	FI15.011	0	100ul	1	FINAL 0	1
12	Unknown	10I066-03T DF=100	dg10f08.met	FI15.012	0	100ul (10x)	1	0	100
13	Unknown	10I066-05	dg10f08.met	FI15.013	0	100ul	1	0	1
14	Unknown	10I066-04T DF=20	dg10f08.met	FI15.014	0	5ul	1	0	20
15	Unknown	CDG10F08333	dg10f08.met	FI15.015	0	100ul	1	0	1
16	Unknown	10I066-06 RR CH4,C2H4E	dg10f08.met	FI15.016	0		1	0	1
17	Unknown	10I066-06T DF=10 RR CH4E	dg10f08.met	FI15.017	0	10ul	1	0	10
18	Unknown	10I091-01 RR CH4E	dg10f08.met	FI15.018	0	100ul	1	0	1
19	Unknown	10I091-02 RR CH4,C2H4E	dg10f08.met	FI15.019	0		1	0	1
20	Unknown	10I091-02T DF=5 RR CH4E	dg10f08.met	FI15.020	0	20ul	1	0	5
21	Unknown	10I066-06I DF=1000	dg10f08.met	FI15.021	0	2ul (20x)	1	0	1000
22	Unknown	10I091-03 RR CH4E	dg10f08.met	FI15.022	0	100ul	1	0	1
23	Unknown	10I091-04 RR CH4E	dg10f08.met	FI15.023	0		1	0	1
24	Unknown	10I091-05 RR CH4E	dg10f08.met	FI15.024	0		1	0	1
25	Unknown	10I091-01T DF=1000	dg10f08.met	FI15.025	0	2ul (20x)	1	0	1000
26	Unknown	CDG10F08334	dg10f08.met	FI15.026	0	100ul	1	0	1
27	Unknown	10I091-02I DF=1000	dg10f08.met	FI15.027	0	2ul (20x)	1	0	1000
28	Unknown	10I091-03T DF=1000 Bad Int.	dg10f08.met	FI15.028	0	2ul (20x)	1	0	1000
29	Unknown	10I091-04T DF=1000	dg10f08.met	FI15.029	0	2ul (20x)	1	0	1000
30	Unknown	10I091-03T DF=1000	dg10f08.met	FI15.030	0	2ul (20x)	1	0	1000
31	Unknown	10I091-05T DF=5	dg10f08.met	FI15.031	0	20ul	1	0	5
32	Unknown	CDG10F08335	dg10f08.met	FI15.032	0	100ul	1	0	1
33	Unknown	IB	dg10f08.met	FI15.033	0		1	0	1
34	Unknown	IB	dg10f08.met	FI15.034	0		1	0	1
35	Unknown	IB	dg10f08.met	FI15.035	0		1	0	1

9/15/10

Start | EZChrom Chromatograp | Method: Dg10f08.... | Untitled - Paint | Method: Dg10f08.met | Exploring - Export | Calculator | Wednesday, September 15, 2010 7:21 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☒ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/15/10 Time: 9:45 End Date: 9/15/10 Time: 11:00

PREPARATION BATCH # DG1009

	Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (ml)	pH	Notes
01		DG1009 WB	39	4	N/A	
02		L				
03		C				
04		10I066-01			<2	
05		-02				
06		-03				
07		-04				
08		-05				
09		-06				
10		10I091-01			<2	
11		-02				
12		-03				
13		-04				
14		-05				
15						
16						
17						
18						
19						SC 9/15/10
20						
21						
22						
23						
24						
25						

Standards	ID	Amount Added (µl)
LCSMS	SSSA-05-01-S	1600

Reagent	Lot# / ID
H_2O	
He	

SDG #	Extract Location

Comments: Thermometer RSK175-01

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				x	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-OS-01-5	1600

Reagent	Lot#/ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-OS-01-6 (Scotty)
ICV DGAS STD.	SSSA-OS-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I066

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of three (3) water samples were received on 09/03/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI062WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation.
Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB [illegible]

DISSOLVED METALS BY TRACE ICP

Client [illegible] SDG NO [illegible]

Project [illegible] Instrument ID [illegible]

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data FN	Calibration Data FN	Prep Batch	Notes
MBLK1W	IP1062WB	1	NA	09/23/1022:38	09/21/1011:13	IC81021077	IC81021176	IP1062W	Method Blank
LCS1W	IP1062WL	1	NA	09/23/1022:44	09/21/1011:13	IC81021078	IC81021176	IP1062W	Lab Control Sample (LCS)
LCD1W	IP1062WL	1	NA	09/23/1022:49	09/21/1011:13	IC81021079	IC81021176	IP1062W	LCS Duplicate
JS-040AS	1003-07A	1	NA	09/23/1022:53	09/21/1011:13	IC81021081	IC81021176	IP1062W	Analytical Spike Sample
JS-040	1003-07	1	NA	09/23/1022:58	09/21/1011:13	IC81021081	IC81021176	IP1062W	Field Sample
JS-040DL	1003-07L	5	NA	09/23/1023:14	09/21/1011:13	IC81021082	IC81021176	IP1062W	Diluted Sample
MW-10-PMW16A-A10	1066-04	1	NA	09/21/1003:49	09/21/1011:13	IC81021101	IC81021099	IP1062W	Field Sample
MW-10-PMW06B-A10	1066-05	1	NA	09/21/1003:54	09/21/1011:13	IC81021102	IC81021099	IP1062W	Field Sample
MW-10-38-A10	1066-06	1	NA	09/21/1011:00	09/21/1011:13	IC81021103	IC81021099	IP1062W	Field Sample

FN - Filename

% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT LLC, INC.	Date Collected:	09/03/10 12:10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/03/10
SDG NO	: 1010a6	Date Extracted:	09/20/10 11:00
Sample ID	: MW 70 PMW06A A10	Date Analyzed:	09/21/10 00:49
Lab Samp ID	: 1006-04	Dilution Factor:	1
Lab File ID	: D8I021101	Matrix	WATER
Ext. Batch ID	: IP10a2W	% Moisture	NA
Calib. Ref	: D8I021099	Instrument ID	: EMAX108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.443	0.200	0.0400
Manganese	0.370	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT EEC, INC	Date Collected:	09/03/10 12:45
Project	NWS SEAL BEACH, IR SITE 70	Date Received:	09/03/10
SDG NO	101066	Date Extracted:	09/20/10 11:00
Sample ID	MW 70 PMW06B A10	Date Analyzed:	09/21/10 00:54
Lab Samp ID	1066 06	Dilution Factor:	1
Lab File ID	108102110 2	Matrix	: WATER
Ext Btch ID	IP1062W	% Moisture	: NA
Calib. Ref..	108102105	Instrument ID	: IMAX'108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00600
Iron	0.0479J	0.200	0.0400
Manganese	0.277	0.200	0.02300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT EEC, INC.	Date Collected	09/03/10 13:34
Project	: NWS SEAL BEACH, IR SITE 70	Date Received	09/03/10
SDG NO	: 101066	Date Extracted	09/20/10 11:00
Sample ID	: MW 70 38-A10	Date Analyzed	09/21/10 01:00
Lab Samp ID	: 1066-06	Dilution Factor	1
Lab File ID	: 1081021103	Matrix	WATER
Ext Btch ID	: IP10629W	% Moisture	NA
Calib. Ref.	: 1081021099	Instrument ID	: CMAX1108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	0.00568J	0.200	0.00500
Iron	2.15	0.200	0.0400
Manganese	0.599	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT LLC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received	09/20/10
SDG NO	: 1010bb	Date Extracted:	09/20/10 11:00
Sample ID:	MBLK1W	Date Analyzed:	09/20/10 22:38
Lab Samp ID:	IP1062WB	Dilution Factor:	1
Lab File ID	[I]81021077	Matrix	WATER
Ext. Batch ID.	IP1062W	% Moisture	NA
Calib. Ref :	[I]81021075	Instrument ID	EMAX1[I]8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00600
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

MAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101066
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR	1	1	1
SAMPLE ID	MBLKCW		
CONTROL NO	IP1062WB	IP1062WL	IP1062WC
LAB FILE ID.	ID8I021077	ID8I021078	ID8I021079
DATTIME EXTRCTD	09/20/1011 00	09/20/1011 00	09/20/1011 00
DATTIME ANALYZD	09/20/1022 38	09/20/1022 44	09/20/1022 48
PREP BATCH:	IP1062W	IP1062W	IP1062W
CALIB. REF	ID8I021075	ID8I021075	ID8I021075

DATE COLLECTED: NA
DATE RECEIVED: 09/20/10

ACCESSION

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	5	5.36	107	5	5.7	106	1	80 120	20
Iron	ND	5	5.1	102	5	4.96	99	3	80 120	20
Manganese	ND	5	48	96	5	4.75	95	1	80 120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EES, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
BATCH NO.: 101066
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 5
SAMPLE ID: U8 040 U8-040DI
EMAX SAMP ID: 1003 07 1003 07J
LAB FILE ID.: 108102108I 108102108J
DATE EXTRACTED: 09/20/1011 00 09/20/1011-00 DATE COLLECTED: 08/31/10 10 56
DATE ANALYZED: 09/20/1022.58 09/20/1023-04 DATE RECEIVED: 09/01/10
PREP BATCH: IP1062W IP1062W
CALIB REF: 108102107A 108102107B

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DL. RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	0.0125J	ND	NA	10
Iron	2.26	2.32	3	10
Manganese	0.209	0.216J	NA	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ITC, INC.
PROJECT: NWS SEAL BEACH, IR STIT 70.
SDG NO.: 101066
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: HB-040
CONTROL NO.: 1003-07 1003-07A
LAB FILE ID.: D81021080 1081021080
DATTIME EXTRCTD: 09/20/1011:00 09/20/1011:00 DATE COLLECTED: 08/21/10 10:50
DATTIME ANALYZD: 09/20/1022:58 09/20/1022:53 DATE RECEIVED: 09/01/10
PREP BATCH: IP1062W IP1062W
CALIB REF: D81021075 D81021075

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	LC LIMIT % - %
Arsenic	.01250	5	5.62	110	75 125
Iron	2.26	5	7.2	99	75 125
Manganese	.209	5	5.674	93	75 125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/20/10 15:45

End Date: 9/21/10 05:52

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

IEC values updated for Cd, Se, K.
see 1UI6010(V32) attached.

1003-06 NO IS
CCV8 1 Mg
I470-01 As, Tl ug
I186-10T Cl0X, ZnTLOR
all samples for I187 acid.intol Cl0X

Book #: AD8-016

Instrument No.: D8

Analytical Batch: 1D8I021

Analytical Sequence: S-1UI6010(V33)

Method File: 1UI600(V33)

Database: EMAX12.

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-02-03
S1	NA	S31	↓ 02-04
S2	↓	ICV	SMIB129402
S3		CCV	SMIB14-04-02
S4		ICSA	SMIB14-06-01
S5		ICSAB	↓ 03-03
S6		CRI/MRL 1	SMIB12-85-01
S7		MRL2	↓ 85-02
S8		MLCV	NA
S9			
S10			
S11			
S12			
S16			
S17			
S18			
S20	SMIB12-100-05		
S21	SMIB14-01-01		
S22	↓ 01-02		
S23	01-03		
S24	01-04		
S25	↓ 01-05		
S26	SMIB12-100-02		
S27	↓ 100-03		
S28	SMIB14-02-01		
S29	↓ 02-02		

Analyzed By: TH

Date: 9/21/10

SEQUENCE FILE : ID8I021

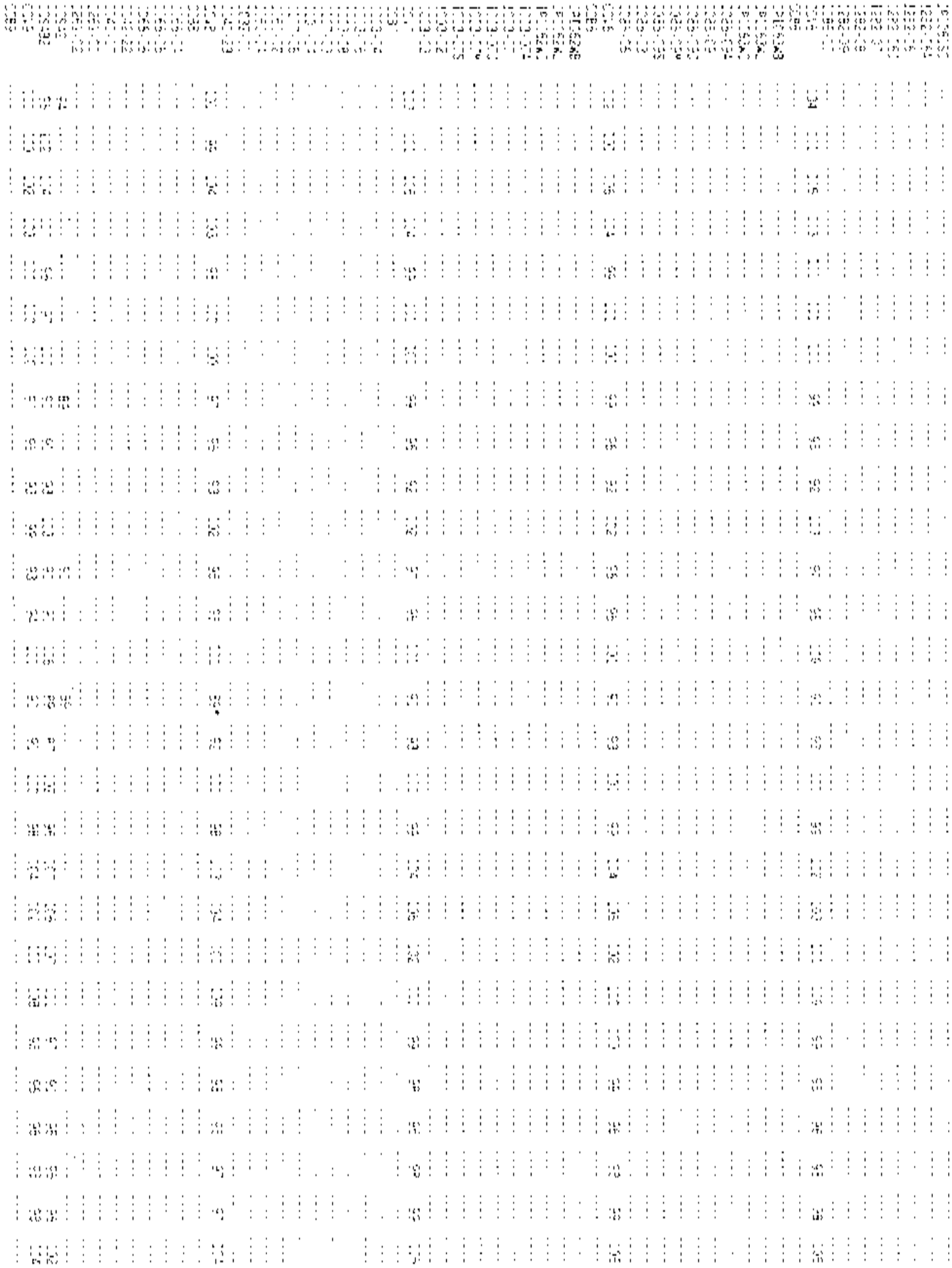
4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
ID8I021001	Blank	15:45	09/20/10	1.000
ID8I021002	S20	15:50	09/20/10	1.000
ID8I021003	S21	15:55	09/20/10	1.000
ID8I021004	S22	16:00	09/20/10	1.000
ID8I021005	S23	16:05	09/20/10	1.000
ID8I021006	S24	16:11	09/20/10	1.000
ID8I021007	S25	16:16	09/20/10	1.000
ID8I021008	S26	16:21	09/20/10	1.000
ID8I021009	S27	16:26	09/20/10	1.000
ID8I021010	S28	16:31	09/20/10	1.000
ID8I021011	S29	16:36	09/20/10	1.000
ID8I021012	S30	16:41	09/20/10	1.000
ID8I021013	S31	16:47	09/20/10	1.000
ID8I021014	ICV	16:52	09/20/10	1.000
ID8I021015	ICB	16:57	09/20/10	1.000
ID8I021016	MRLI2101	17:02	09/20/10	1.000
ID8I021017	MRLI2102	17:07	09/20/10	1.000
ID8I021018	ICSA1	17:12	09/20/10	1.000
ID8I021019	ICSAB1	17:17	09/20/10	1.000
ID8I021020	CCV1	17:26	09/20/10	1.000
ID8I021021	CCB1	17:31	09/20/10	1.000
ID8I021022	IPI055WQ	17:36	09/20/10	1.000
ID8I021023	IPI055WX	17:41	09/20/10	1.000
ID8I021024	IPI055WY	17:46	09/20/10	1.000
ID8I021025	H632-03A	17:51	09/20/10	1.000
ID8I021026	H632-03W	17:56	09/20/10	1.000
ID8I021027	H632-03J	18:02	09/20/10	5.000
ID8I021028	H632-03G	18:07	09/20/10	1.000
ID8I021029	H632-03H	18:12	09/20/10	1.000
ID8I021030	H632-01W	18:17	09/20/10	1.000
ID8I021031	H632-02T	18:22	09/20/10	10.00
ID8I021032	CCV2	18:31	09/20/10	1.000
ID8I021033	CCB2	18:36	09/20/10	1.000
ID8I021034	H632-05W	18:41	09/20/10	1.000
ID8I021035	H632-06T	18:47	09/20/10	10.00
ID8I021036	H632-07T	18:52	09/20/10	10.00
ID8I021037	H632-08W	18:57	09/20/10	1.000
ID8I021038	H632-10W	19:02	09/20/10	1.000
ID8I021039	H632-11W	19:07	09/20/10	1.000
ID8I021040	H632-14W	19:12	09/20/10	1.000
ID8I021041	H632-16W	19:17	09/20/10	1.000
ID8I021042	I247-01	19:23	09/20/10	1.000
ID8I021043	CCV3	19:32	09/20/10	1.000
ID8I021044	CCB3	19:37	09/20/10	1.000
ID8I021045	H632-03A	19:42	09/20/10	10.00
ID8I021046	H632-03T	19:47	09/20/10	10.00
ID8I021047	H632-03J	19:52	09/20/10	50.00
ID8I021048	H632-02W	19:57	09/20/10	1.000
ID8I021049	H632-06W	20:02	09/20/10	1.000
ID8I021050	H632-07W	20:08	09/20/10	1.000
ID8I021051	CCV4	20:19	09/20/10	1.000
ID8I021052	CCB4	20:24	09/20/10	1.000
ID8I021053	IPI061SB	20:29	09/20/10	1.000
ID8I021054	IPI061SL	20:34	09/20/10	1.000

ID8I021055	IPI061SC	20:39	09/20/10	1.000
ID8I021056	I282-06A	20:44	09/20/10	1.000
ID8I021057	I282-06	20:49	09/20/10	1.000
ID8I021058	I282-06J	20:54	09/20/10	5.000
ID8I021059	I282-07	20:59	09/20/10	1.000
ID8I021060	I282-08	21:04	09/20/10	1.000
ID8I021061	I282-09	21:09	09/20/10	1.000
ID8I021062	I085-10	21:15	09/20/10	1.000
ID8I021063	CCV5	21:24	09/20/10	1.000
ID8I021064	CCB5	21:29	09/20/10	1.000
ID8I021065	IPI063WB	21:34	09/20/10	1.000
ID8I021066	IPI063WL	21:39	09/20/10	1.000
ID8I021067	IPI063WC	21:44	09/20/10	1.000
ID8I021068	I085-09A	21:49	09/20/10	1.000
ID8I021069	I085-09	21:54	09/20/10	1.000
ID8I021070	I085-09J	21:59	09/20/10	5.000
ID8I021071	I085-09M	22:04	09/20/10	1.000
ID8I021072	I085-09S	22:09	09/20/10	1.000
ID8I021073	I085-03	22:14	09/20/10	1.000
ID8I021074	I085-06	22:19	09/20/10	1.000
ID8I021075	CCV6	22:28	09/20/10	1.000
ID8I021076	CCB6	22:33	09/20/10	1.000
ID8I021077	IPI062WB	22:38	09/20/10	1.000
ID8I021078	IPI062WL	22:44	09/20/10	1.000
ID8I021079	IPI062WC	22:48	09/20/10	1.000
ID8I021080	I003-07A	22:53	09/20/10	1.000
ID8I021081	I003-07	22:58	09/20/10	1.000
ID8I021082	I003-07J	23:04	09/20/10	5.000
ID8I021083	I003-07M	23:09	09/20/10	1.000
ID8I021084	I003-07S	23:14	09/20/10	1.000
ID8I021085	I003-02	23:19	09/20/10	1.000
ID8I021086	I003-03	23:24	09/20/10	1.000
ID8I021087	CCV7	23:33	09/20/10	1.000
ID8I021088	CCB7	23:38	09/20/10	1.000
ID8I021089	I003-04	23:43	09/20/10	1.000
ID8I021090	I003-06	23:48	09/20/10	1.000
ID8I021091	I003-08	23:54	09/20/10	1.000
ID8I021092	I107-03	23:59	09/20/10	1.000
ID8I021093	I107-04	00:04	09/21/10	1.000
ID8I021094	I107-05	00:09	09/21/10	1.000
ID8I021095	I050-02	00:14	09/21/10	1.000
ID8I021096	I050-04	00:19	09/21/10	1.000
ID8I021097	I032-01	00:25	09/21/10	1.000
ID8I021098	I141-23	00:30	09/21/10	1.000
ID8I021099	CCV8	00:39	09/21/10	1.000
ID8I021100	CCB8	00:44	09/21/10	1.000
ID8I021101	I066-04	00:49	09/21/10	1.000
ID8I021102	I066-05	00:54	09/21/10	1.000
ID8I021103	I066-06	01:00	09/21/10	1.000
ID8I021104	I142-22	01:05	09/21/10	1.000
ID8I021105	I140-17	01:10	09/21/10	1.000
ID8I021106	I261-01	01:16	09/21/10	1.000
ID8I021107	I261-02	01:21	09/21/10	1.000
ID8I021108	ICSA2	01:30	09/21/10	1.000
ID8I021109	ICSAB2	01:35	09/21/10	1.000
ID8I021110	CCV9	01:44	09/21/10	1.000
ID8I021111	CCB9	01:49	09/21/10	1.000

ID8I021112	IPI057SB	01:55	09/21/10	1.000
ID8I021113	IPI057SL	02:00	09/21/10	1.000
ID8I021114	IPI057SC	02:04	09/21/10	1.000
ID8I021115	I064-01A	02:09	09/21/10	1.000
ID8I021116	I064-01	02:14	09/21/10	1.000
ID8I021117	I064-01J	02:19	09/21/10	5.000
ID8I021118	I064-02	02:24	09/21/10	1.000
ID8I021119	I187-01T	02:30	09/21/10	10.00
ID8I021120	I187-01M	02:35	09/21/10	10.00
ID8I021121	I187-01S	02:39	09/21/10	10.00
ID8I021122	CCV10	02:48	09/21/10	1.000
ID8I021123	CCB10	02:53	09/21/10	1.000
ID8I021124	I187-02T	02:58	09/21/10	10.00
ID8I021125	I187-03T	03:03	09/21/10	10.00
ID8I021126	I187-04T	03:08	09/21/10	10.00
ID8I021127	I187-05T	03:13	09/21/10	10.00
ID8I021128	I187-06T	03:18	09/21/10	10.00
ID8I021129	I187-07T	03:23	09/21/10	10.00
ID8I021130	I187-08T	03:28	09/21/10	10.00
ID8I021131	I187-09T	03:33	09/21/10	10.00
ID8I021132	I187-10T	03:38	09/21/10	10.00
ID8I021133	H626-09	03:43	09/21/10	1.000
ID8I021134	CCV11	03:53	09/21/10	1.000
ID8I021135	CCB11	03:57	09/21/10	1.000
ID8I021136	IPI058SB	04:03	09/21/10	1.000
ID8I021137	IPI058SL	04:08	09/21/10	1.000
ID8I021138	IPI058SC	04:12	09/21/10	1.000
ID8I021139	ZZZZZZZ	04:17	09/21/10	1.000
ID8I021140	I470-01	04:22	09/21/10	1.000
ID8I021141	I470-01T	04:28	09/21/10	5.000
ID8I021142	H610-09	04:33	09/21/10	1.000
ID8I021143	H378-08	04:38	09/21/10	1.000
ID8I021144	I462-01	04:43	09/21/10	1.000
ID8I021145	I462-02	04:48	09/21/10	1.000
ID8I021146	CCV12	04:57	09/21/10	1.000
ID8I021147	CCB12	05:02	09/21/10	1.000
ID8I021148	I491-01	05:07	09/21/10	1.000
ID8I021149	I491-02	05:12	09/21/10	1.000
ID8I021150	I491-03	05:17	09/21/10	1.000
ID8I021151	I491-04	05:22	09/21/10	1.000
ID8I021152	I491-05	05:27	09/21/10	1.000
ID8I021153	I491-06	05:32	09/21/10	1.000
ID8I021154	ICSA3	05:41	09/21/10	1.000
ID8I021155	ICSAB3	05:46	09/21/10	1.000
ID8I021156	CCV13	05:55	09/21/10	1.000
ID8I021157	CCB13	06:00	09/21/10	1.000
ID8I021158	IPI056SB	06:05	09/21/10	1.000
ID8I021159	IPI056SL	06:10	09/21/10	1.000
ID8I021160	IPI056SC	06:15	09/21/10	1.000
ID8I021161	H352-09A	06:20	09/21/10	1.000
ID8I021162	H352-09	06:25	09/21/10	1.000
ID8I021163	H352-09J	06:29	09/21/10	5.000
ID8I021164	H332-04	06:34	09/21/10	1.000
ID8I021165	H332-15	06:40	09/21/10	1.000
ID8I021166	H313-22	06:45	09/21/10	1.000
ID8I021167	CCV14	06:54	09/21/10	1.000
ID8I021168	CCB14	06:59	09/21/10	1.000

ID8I021169	I186-01T	07:04	09/21/10	10.00
ID8I021170	I186-01M	07:09	09/21/10	10.00
ID8I021171	I186-01S	07:14	09/21/10	10.00
ID8I021172	I186-02T	07:19	09/21/10	10.00
ID8I021173	I186-03T	07:24	09/21/10	10.00
ID8I021174	I186-04T	07:29	09/21/10	10.00
ID8I021175	I186-05T	07:34	09/21/10	10.00
ID8I021176	I186-06T	07:38	09/21/10	10.00
ID8I021177	I186-07T	07:43	09/21/10	10.00
ID8I021178	I186-08T	07:48	09/21/10	10.00
ID8I021179	CCV15	07:57	09/21/10	1.000
ID8I021180	CCB15	08:02	09/21/10	1.000
ID8I021181	I186-09T	08:08	09/21/10	10.00
ID8I021182	I186-10T	08:13	09/21/10	10.00
ID8I021183	I186-11T	08:18	09/21/10	10.00
ID8I021184	I186-12T	08:23	09/21/10	10.00
ID8I021185	I186-13T	08:28	09/21/10	10.00
ID8I021186	I186-14T	08:33	09/21/10	10.00
ID8I021187	I186-15T	08:38	09/21/10	10.00
ID8I021188	CCV16	08:47	09/21/10	1.000
ID8I021189	CCB16	08:52	09/21/10	1.000

ANALYTE	Al	Sc	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	104	102	104	105	102	101	102	101	99	96	102	100	96	101	99	94	101	99	99	104	101	107	98	96	99	99	102	104
ICB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MBL12031	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MBL12102	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	97	----	----	----	----	----	----	96	----	----	----	94	----	----	95	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	98	104	105	103	97	95	101	92	93	99	103	94	91	103	93	89	101	95	101	105	107	109	95	99	97	96	97	103
[illegible]	102	103	103	101	102	101	102	103	99	95	103	97	94	103	97	94	101	99	102	105	112	106	97	98	98	100	101	106
ICB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]



[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1186-01T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-01V	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-015	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-02T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-03T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-04T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-05T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-06T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-07T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-08T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC,10	101	101	106	106	98	102	102	97	95	93	104	94	96	103	87*	92	103	101	105	105	102	112*	101	101	96	97	98	104	
CC810	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-09T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-10T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-11T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-12T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-13T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-14T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
1186-15T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
CC,16	102	100	106	106	98	102	102	97	95	93	104	95	96	103	87*	92	103	100	104	105	102	111*	101	100	95	97	98	104	
CC816	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

QC limit of each parameter are listed in a table attached next to all the IQC check forms

* : Out of QC limit

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	3.63	9.52	.513	.262	.140	1.92	.626	49.6	.223	.130	.231	14.2	.328	.120	1.64	.612	1.71	.392	21.2	-.450	.070	6.51	.163	1.68	-.216	1.10	.194	2.92
MB.[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB.[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	3.13	-1.75	.190	-.150	-16.6	.980	----	-.650	-1.18	-.240	----	-1.39	1.13	----	2.02	-2.55	.960	47.7	4.45	-.150	67.6	.640	.690	.910	.800	.030	3.29
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	2.22	6.65	1.19	.130	.120	1.95	.030	49.7	.150	.060	.210	2.33	-.270	.360	.810	.620	1.50	.160	14.3	-2.26	.080	5.50	.130	1.44	.020	.810	.050	2.42
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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1292-064	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1282-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1282-067	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1282-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1282-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1292-09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165	12.3	5.49	.593	.833	.179	1.77	.192	7.76	.478	.136	.491	3.67	.285	-.221	4.61	.415	1.57	.249	4.18	-1.14	.191	44.6	.663	1.13	-.393	1.39	.180	-.548
1P1953a5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1953a4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1953a3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-194	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1165-191	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-190	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-195	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1165-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C85	3.94	5.76	-.195	.111	.891	1.93	.121	.465	.261	.662	.411	2.95	.160	-.503	3.10	.290	1.38	.110	13.6	-.543	.621	35.4	-.120	1.53	-.250	1.27	.353	-.108
1P1562a3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1562a1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1562a2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-174	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-171	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-17V	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-175	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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2C47	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C57	1.55	5.53	1.24	.130	.160	2.17	.122	1.94	.273	.795	.460	.221	.367	-.477	.147	.267	1.13	.197	22.1	.647	.137	29.1	.767	1.37	-.230	1.31	.759	-.137
1213-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1213-26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1127-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1152-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1132-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1147-23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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2C58	5.46	5.79	.358	.182	.361	1.77	.113	-11.3	.211	.130	.275	1.37	.271	-.623	1.61	.240	1.43	.253	51.8	-.431	.112	48.7	.113	2.33	-.419	1.13	.191	.412
1P66-71	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P66-73	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P66-76	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1142-22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1142-17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1261-21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1261-22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1054-2	....	.853	-.459	.200	.550	12.4	.928	....	-.513	-.560	.690	....	-2.47	2.38	....	1.87	-2.96	-.960	57.1	1.79	.670	.134	1.89	-1.11	1.34	.811	-.147	3.60
1C1482	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C89	-1.48	5.43	.719	-.020	-.710	1.20	.145	-12.3	.160	.131	.136	1.18	.349	-.235	-1.84	.111	1.42	.631	44.8	-.339	.035	10.1	.121	1.66	-.130	1.05	.350	-.819

[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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1186-12M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-13S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1186-15T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1186-18T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-19T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-20T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20410	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20816	.970	6.35	-.361	.391	.350	1.95	.070	3.59	.131	-.313	.370	7.45	-.142	-.940	-1.91	.263	1.31	.720	19.9	-.813	.170	-17.4	.113	1.39	-.351	1.39	.850	.200	....	....
1186-09T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-10T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-11T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-12T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-13T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-14T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-15T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20415	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20816	2.66	6.69	1.01	.373	.130	1.47	.080	3.62	.973	-.145	.540	-.230	.261	-.350	2.33	.220	1.37	.370	19.6	-.012	.112	-16.9	.081	1.35	-.270	.950	.191	.183	....	....

QC limit of each parameter are listed in a table attached next to all the ICP check forms

* Out of QC limit

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
102	9.52	9.52	.610	.260	.140	1.92	.321	49.6	.220	.360	.233	14.2	.320	.233	1.64	.620	1.71	.390	21.2	-.451	.371	6.81	.160	1.66	-.213	1.10	.199	2.90
MS_12131	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MS_12132	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS41	----	3.33	-1.75	.190	-.061	-16.6	.961	----	-.660	-1.19	-.249	--	-1.39	1.13	----	7.32	-2.65	-.860	47.7	4.49	-.253	57.6	.540	.691	.913	.831	.120	7.26
ICS41B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2031	2.22	6.65	1.16	.100	.021	1.55	.833	49.7	.150	.263	.220	1.33	-.971	.362	.810	.621	1.53	.160	14.3	-2.26	.063	5.50	.131	1.44	.029	.610	.353	2.42
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H631-034	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-12A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-13B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-033	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-12A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H633-12B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2132	6.51	8.25	.470	.149	.071	1.36	.121	18.5	.313	.171	.151	2.31	.141	-.461	.675	.391	1.16	.103	7.16	-.571	.191	37.8	.181	1.84	-.221	3.14	.161	1.62
H632-13A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-13B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-17A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-11A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-14A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-15A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2247.01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2183	.720	5.51	.171	-.165	-.341	1.63	-.113	16.2	.210	.039	.151	-2.13	.529	.330	-.351	.250	1.45	-.171	11.2	-.643	.038	29.1	.333	1.45	-.290	.793	-.162	.993
H632-13A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-13T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-13B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-12A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-15A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
H632-17A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2081	15.1	5.50	1.19	.221	.369	2.49	.145	2.72	.421	.640	.480	3.94	.240	-.230	2.12	.350	1.11	.115	40.4	-.120	.221	.115	.240	.951	.843	1.01	.100	-.220
IP106158	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP106152	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1186-11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-109	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-115	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-127	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-137	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-147	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-157	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-167	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-177	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-187	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2345	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2345	9.12	6.35	-.296	.192	.282	1.26	.271	3.69	.139	-.231	.372	2.45	-.141	-.943	-1.81	.289	1.31	.122	19.9	-.811	.671	-17.4	.116	1.32	-.659	1.02	.852	.240
1186-197	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-207	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-217	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-127	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-137	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-147	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1186-157	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2016	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2016	2.66	5.68	1.02	.078	.129	1.47	.182	3.60	.220	.240	.345	-.232	.292	-.350	2.39	.223	1.37	.172	19.6	-.110	.112	-16.9	.285	1.35	-.211	.998	.292	.152

CC limits of each parameter are listed in a table attached next to all the ICP check forms

* Out of CC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I021001			1	☒	unk	---
2	0	0	0	0	Unk	S20		ID8I021002			1	☒	unk	---
3	0	0	0	0	Unk	S21		ID8I021003			1	☒	unk	---
4	0	0	0	0	Unk	S22		ID8I021004			1	☒	unk	---
5	0	0	0	0	Unk	S23		ID8I021005			1	☒	unk	---
6	0	0	0	0	Unk	S24		ID8I021006			1	☒	unk	---
7	0	0	0	0	Unk	S25		ID8I021007			1	☒	unk	---
8	0	0	0	0	Unk	S26		ID8I021008			1	☒	unk	---
9	0	0	0	0	Unk	S27		ID8I021009			1	☒	unk	---
10	0	0	0	0	Unk	S28		ID8I021010			1	☒	unk	---
11	0	0	0	0	Unk	S29		ID8I021011			1	☒	unk	---
12	0	0	0	0	Unk	S30		ID8I021012			1	☒	unk	---
13	0	0	0	0	Unk	S31		ID8I021013			1	☒	unk	---
14	1	2	1	1	QC	ICV		ID8I021014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I021015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRLI2101		ID8I021016			1	☒	EMAX	None
17	4	2	4	1	QC	MRLI2102		ID8I021017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I021018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		ID8I021019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I021020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I021021			1	☒	CCB	None
22	9	2	9	1	QC	IPI055WQ		ID8I021022			1	☒	CCB	None
23	10	2	10	1	QC	IPI055WX		ID8I021023			1	☒	LCS	None
24	11	2	11	1	QC	IPI055WY		ID8I021024			1	☒	LCS	None
25	12	2	12	1	Unk	H632-03A		ID8I021025			1	☒	unk	---
26	13	2	1	2	Unk	H632-03W		ID8I021026			1	☒	unk	---
27	14	2	2	2	Unk	H632-03J		ID8I021027			1	☒	unk	---
28	15	2	3	2	Unk	H632-03G		ID8I021028			1	☒	unk	---
29	16	2	4	2	Unk	H632-03H		ID8I021029			1	☒	unk	---
30	17	2	5	2	Unk	H632-01W		ID8I021030			1	☒	unk	---
31	18	2	6	2	Unk	H632-02T	10X	ID8I021031				☒	CCV	None
32	19	2	7	2	QC	CCV2		ID8I021032			1	☒	CCB	None
33	20	2	8	2	QC	CCB2		ID8I021033			1	☒	unk	---
34	21	2	9	2	Unk	H632-05W		ID8I021034			1	☒	unk	---
35	22	2	10	2	Unk	H632-06T	10X	ID8I021035			1	☒	unk	---
36	23	2	11	2	Unk	H632-07T	10X	ID8I021036			1	☒	unk	---
37	24	2	12	2	Unk	H632-08W		ID8I021037			1	☒	unk	---
38	25	2	1	3	Unk	H632-10W		ID8I021038			1	☒	unk	---
39	26	2	2	3	Unk	H632-11W		ID8I021039			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	27	2	3	3	Unk	H632-14W		ID8I021040			1	☒	unk	---
41	28	2	4	3	Unk	H632-16W		ID8I021041			1	☒	unk	---
42	29	2	5	3	Unk	247-01		ID8I021042			1	☒	unk	---
43	30	2	6	3	QC	CCV3		ID8I021043			1	☒	CCV	None
44	31	2	7	3	QC	CCB3		ID8I021044			1	☒	3XIDL	None
45	110	3	2	5	Unk	H632-03A	10X	ID8I021045			1	☒	unk	---
46	111	3	3	5	Unk	H632-03T	10X	ID8I021046			1	☒	unk	---
47	112	3	4	5	Unk	H632-03J	50X	ID8I021047			1	☒	unk	---
48	113	3	5	5	Unk	H632-02W		ID8I021048			1	☒	unk	---
49	114	3	6	5	Unk	H632-06W		ID8I021049			1	☒	unk	---
50	115	3	7	5	Unk	H632-07W		ID8I021050			1	☒	unk	---
51	116	3	8	5	QC	CCV4		ID8I021051			1	☒	CCV	None
52	117	3	9	5	QC	CCB4		ID8I021052			1	☒	3XIDL	None
53	118	3	10	5	QC	IPI061SB		ID8I021053			1	☒	CCB	None
54	119	3	11	5	QC	IPI061SL		ID8I021054			1	☒	LCS	None
55	120	3	12	5	QC	IPI061SC		ID8I021055			1	☒	LCS	None
56	121	4	1	1	Unk	I282-06A		ID8I021056			1	☒	unk	---
57	122	4	2	1	Unk	I282-06		ID8I021057			1	☒	unk	---
58	123	4	3	1	Unk	I282-06J		ID8I021058			1	☒	unk	---
59	124	4	4	1	Unk	I282-07		ID8I021059			1	☒	unk	---
60	125	4	5	1	Unk	I282-08		ID8I021060			1	☒	unk	---
61	126	4	6	1	Unk	I282-09		ID8I021061			1	☒	unk	---
62	141	4	9	2	Unk	I085-10		ID8I021062			1	☒	unk	---
63	127	4	7	1	QC	CCV5		ID8I021063			1	☒	CCV	None
64	128	4	8	1	QC	CCB5		ID8I021064			1	☒	3XIDL	None
65	129	4	9	1	QC	IPI063WB		ID8I021065			1	☒	CCB	None
66	130	4	10	1	QC	IPI063WL		ID8I021066			1	☒	LCS	None
67	131	4	11	1	QC	IPI063WC		ID8I021067			1	☒	LCS	None
68	132	4	12	1	Unk	I085-09A		ID8I021068			1	☒	unk	---
69	133	4	1	2	Unk	I085-09		ID8I021069			1	☒	unk	---
70	134	4	2	2	Unk	I085-09J		ID8I021070			1	☒	unk	---
71	135	4	3	2	Unk	I085-09V		ID8I021071			1	☒	unk	---
72	136	4	4	2	Unk	I085-09S		ID8I021072			1	☒	unk	---
73	137	4	5	2	Unk	I085-03		ID8I021073			1	☒	unk	---
74	138	4	6	2	Unk	I085-06		ID8I021074			1	☒	unk	---
75	139	4	7	2	QC	CCV6		ID8I021075			1	☒	CCV	None
76	140	4	8	2	QC	CCB6		ID8I021076			1	☒	3XIDL	None
77	142	4	10	2	QC	IPI062WB		ID8I021077			1	☒	CCB	None
78	143	4	11	2	QC	IPI062WL		ID8I021078			1	☒	LCS	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
79	144	4	12	2	QC	IPI062WC		ID8I021079			1	☒	LCS	None
80	145	4	1	3	Unk	I003-07A		ID8I021080			1	☒	unk	---
81	146	4	2	3	Unk	I003-07		ID8I021081			1	☒	unk	---
82	147	4	3	3	Unk	I003-07J		ID8I021082			1	☒	unk	---
83	148	4	4	3	Unk	I003-07M		ID8I021083			1	☒	unk	---
84	149	4	5	3	Unk	I003-07S		ID8I021084			1	☒	unk	---
85	150	4	6	3	Unk	I003-02		ID8I021085			1	☒	unk	---
86	151	4	7	3	Unk	I003-03		ID8I021086			1	☒	unk	---
87	152	4	8	3	QC	CCV7		ID8I021087			1	☒	CCV	None
88	153	4	9	3	QC	CCB7		ID8I021088			1	☒	3XIDL	None
89	154	4	10	3	Unk	I003-04		ID8I021089			1	☒	unk	---
90	155	4	11	3	Unk	I003-06	No 15	ID8I021090			1	☒	unk	---
91	156	4	12	3	Unk	I003-08		ID8I021091			1	☒	unk	---
92	157	4	1	4	Unk	I107-03		ID8I021092			1	☒	unk	---
93	158	4	2	4	Unk	I107-04		ID8I021093			1	☒	unk	---
94	159	4	3	4	Unk	I107-05		ID8I021094			1	☒	unk	---
95	160	4	4	4	Unk	I050-02		ID8I021095			1	☒	unk	---
96	161	4	5	4	Unk	I050-04		ID8I021096			1	☒	unk	---
97	162	4	6	4	Unk	I032-01		ID8I021097			1	☒	unk	---
98	163	4	7	4	Unk	I141-23		ID8I021098			1	☒	unk	---
99	164	4	8	4	QC	CCV8	Mg ↓	ID8I021099			1	☒	CCV	None
100	165	4	9	4	QC	CCB8		ID8I021100			1	☒	3XIDL	None
101	166	4	10	4	Unk	I066-04		ID8I021101			1	☒	unk	---
102	167	4	11	4	Unk	I066-05		ID8I021102			1	☒	unk	---
103	168	4	12	4	Unk	I066-06		ID8I021103			1	☒	unk	---
104	169	4	1	5	Unk	I142-22		ID8I021104			1	☒	unk	---
105	170	4	2	5	Unk	I140-17		ID8I021105			1	☒	unk	---
106	171	4	3	5	Unk	I261-01		ID8I021106			1	☒	unk	---
107	172	4	4	5	Unk	I261-02		ID8I021107			1	☒	unk	---
108	173	4	5	5	QC	ICSA2		ID8I021108			1	☒	ICSA	None
109	174	4	6	5	QC	ICSAB2		ID8I021109			1	☒	ICSAB1	None
110	175	4	7	5	QC	CCV9		ID8I021110			1	☒	CCV	None
111	176	4	8	5	QC	CCB9		ID8I021111			1	☒	3XIDL	None
112	32	2	8	3	QC	IP057SB	Zn [illegible] ppm	ID8I021112			1	☒	CCB	None
113	33	2	9	3	QC	IP057SL		ID8I021113			1	☒	LCS	None
114	34	2	10	3	QC	IP057SC		ID8I021114			1	☒	LCS	None
115	35	2	11	3	Unk	I064-01A		ID8I021115			1	☒	unk	---
116	36	2	12	3	Unk	I064-01		ID8I021116			1	☒	unk	---
117	37	2	1	4	Unk	I064-01J		ID8I021117			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
118	38	2	2	4	Unk	I064-02		ID8I021118			1	☒	unk	—
119	39	2	3	4	Unk	I187-01T	10X	ID8I021119			1	☒	unk	—
120	40	2	4	4	Unk	I187-01M	10X	ID8I021120			1	☒	unk	—
121	41	2	5	4	Unk	I187-01S	10X	ID8I021121			1	☒	unk	—
122	42	2	6	4	QC	CCV10		ID8I021122			1	☒	CCV	None
123	43	2	7	4	QC	CCB10		ID8I021123			1	☒	3XIDL	None
124	44	2	8	4	Unk	I187-02T	10X	ID8I021124			1	☒	unk	—
125	45	2	9	4	Unk	I187-03T	10X	ID8I021125			1	☒	unk	—
126	46	2	10	4	Unk	I187-04T	10X	ID8I021126			1	☒	unk	—
127	47	2	11	4	Unk	I187-05T	10X	ID8I021127			1	☒	unk	—
128	48	2	12	4	Unk	I187-06T	10X	ID8I021128			1	☒	unk	—
129	49	2	1	5	Unk	I187-07T	10X	ID8I021129			1	☒	unk	—
130	50	2	2	5	Unk	I187-08T	10X	ID8I021130			1	☒	unk	—
131	51	2	3	5	Unk	I187-09T	10X	ID8I021131			1	☒	unk	—
132	52	2	4	5	Unk	I187-10T	10X	ID8I021132			1	☒	unk	—
133	53	2	5	5	Unk	H626-09		ID8I021133			1	☒	unk	—
134	54	2	6	5	QC	CCV11		ID8I021134			1	☒	CCV	None
135	55	2	7	5	QC	CCB11		ID8I021135			1	☒	3XIDL	None
136	56	2	8	5	QC	IPI058SB		ID8I021136			1	☒	CCB	None
137	57	2	9	5	QC	IPI058SL		ID8I021137			1	☒	LCS	None
138	58	2	10	5	QC	IPI058SC		ID8I021138			1	☒	LCS	None
139	59	2	11	5	Unk	I470-01A		ID8I021139			1	☒	unk	—
140	60	2	12	5	Unk	I470-01	As Prep	ID8I021140			1	☒	unk	—
141	61	3	1	1	Unk	I470-01S 01T 5X	TH 9/21/10	ID8I021141			1	☒	unk	—
142	62	3	2	1	Unk	H610-09		ID8I021142			1	☒	unk	—
143	63	3	3	1	Unk	H378-08		ID8I021143			1	☒	unk	—
144	64	3	4	1	Unk	I462-01		ID8I021144			1	☒	unk	—
145	65	3	5	1	Unk	I462-02		ID8I021145			1	☒	unk	—
146	66	3	6	1	QC	CCV12		ID8I021146			1	☒	CCV	None
147	67	3	7	1	QC	CCB12		ID8I021147			1	☒	3XIDL	None
148	68	3	8	1	Unk	I491-01		ID8I021148			1	☒	unk	—
149	69	3	9	1	Unk	I491-02		ID8I021149			1	☒	unk	—
150	70	3	10	1	Unk	I491-03		ID8I021150			1	☒	unk	—
151	71	3	11	1	Unk	I491-04		ID8I021151			1	☒	unk	—
152	72	3	12	1	Unk	I491-05		ID8I021152			1	☒	unk	—
153	73	3	1	2	Unk	I491-06		ID8I021153			1	☒	unk	—
154	106	3	10	4	QC	ICSA3		ID8I021154			1	☒	ICSA	None
155	107	3	11	4	QC	ICSAB3		ID8I021155			1	☒	ICSAB1	None
156	74	3	2	2	QC	CCV13		ID8I021156			1	☒	CCV	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
157	75	3	3	2	QC	CCB13		ID8I021157				☒	3XIDL	None
158	76	3	4	2	QC	IP 056SB		ID8I021158				☒	CCB	None
159	77	3	5	2	QC	IP 056SL		ID8I021159			1	☒	LCS	None
160	78	3	6	2	QC	IP 056SC		ID8I021160			1	☒	LCS	None
161	79	3	7	2	Unk	H352-09A		ID8I021161			1	☒	unk	---
162	80	3	8	2	Unk	H352-09		ID8I021162			1	☒	unk	---
163	81	3	9	2	Unk	H352-09J		ID8I021163			1	☒	unk	---
164	82	3	10	2	Unk	H332-04		ID8I021164			1	☒	unk	---
165	83	3	11	2	Unk	H332-15		ID8I021165			1	☒	unk	---
166	84	3	12	2	Unk	H313-22		ID8I021166			1	☒	unk	---
167	85	3	1	3	QC	CCV14		ID8I021167			1	☒	CCV	None
168	86	3	2	3	QC	CCB14		ID8I021168			1	☒	3XIDL	None
169	87	3	3	3	Unk	1186-01T	10X	ID8I021169			1	☒	unk	---
170	88	3	4	3	Unk	1186-01M	10X	ID8I021170			1	☒	unk	---
171	89	3	5	3	Unk	1186-01S	10X	ID8I021171			1	☒	unk	---
172	90	3	6	3	Unk	1186-02T	10X	ID8I021172			1	☒	unk	---
173	91	3	7	3	Unk	1186-03T	10X	ID8I021173			1	☒	unk	---
174	92	3	8	3	Unk	1186-04T	10X	ID8I021174			1	☒	unk	---
175	93	3	9	3	Unk	1186-05T	10X	ID8I021175			1	☒	unk	---
176	94	3	10	3	Unk	1186-06T	10X	ID8I021176			1	☒	unk	---
177	95	3	11	3	Unk	1186-07T	10X	ID8I021177			1	☒	unk	---
178	96	3	12	3	Unk	1186-08T	10X	ID8I021178			1	☒	unk	---
179	97	3	1	4	QC	CCV15		ID8I021179			1	☒	CCV	None
180	98	3	2	4	QC	CCB15		ID8I021180			1	☒	3XIDL	None
181	99	3	3	4	Unk	1186-09T	10X	ID8I021181			1	☒	unk	---
182	100	3	4	4	Unk	1186-10T	10X 2nd DR	ID8I021182			1	☒	unk	---
183	101	3	5	4	Unk	1186-11T	10X	ID8I021183			1	☒	unk	---
184	102	3	6	4	Unk	1186-12T	10X	ID8I021184			1	☒	unk	---
185	103	3	7	4	Unk	1186-13T	10X	ID8I021185			1	☒	unk	---
186	104	3	8	4	Unk	1186-14T	10X	ID8I021186			1	☒	unk	---
187	105	3	9	4	Unk	1186-15T	10X	ID8I021187			1	☒	unk	---
188	108	3	12	4	QC	CCV16		ID8I021188			1	☒	CCV	None
189	109	3	1	5	QC	CCB16		ID8I021189			1	☒	3XIDL	None

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INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	.00001	.00002	-.00001	.00022	.00009	.00012	-.00070	.00049	-.00007	-.00089	Blank
2	S20					.90784		2.8585				S20
3	S21					8.7239		27.380				S21
4	S22				.44286						.16401	S22
5	S23				4.3109						1.6983	S23
6	S24						.08646					S24
7	S25						.88022					S25
8	S26	.20206							.98339	.13262		S26
9	S27	7.3817							9.1168	1.2789		S27
10	S28		.00535									S28
11	S29		.05254									S29
12	S30			.00110								S30
13	S31			.00445								S31
14	ICV	103.66	1.5477	1.0381	2.0018	1.5419	2.4950	2.0328	75.507	2.4694	.96217	ICV
15	ICB	.00853	.00952*	.00061	.00026	.00014	.00192	.00002	.04957	.00022	.00008	ICB
16	MRLI2101	.21211	.10537	.01204*	.01101	.01049	.01095	.01034	1.0257	.01055	.00971	MRLI2101
17	MRLI2102	.74703*	.05205	.01016	.00569	.00420	.09866	.00521	1.2588*	.01033	.00985	MRLI2102
18	ICSA1	388.83	.00303	-.00175	.00019	-.00005	-.01664*	-.00095	469.57	-.00066	-.00108	ICSA1
19	ICSAB1	390.49	1.0376	1.0478	.51612	.48784	.47569	1.0052	461.02	.45787	.46267	ICSAB1
20	CCV1	101.71	1.5476	1.0324	2.0271	1.5454	2.5014	2.0327	74.849	2.4746	.96419	CCV1
21	CCB1	.00222	.00665	.00118	.00010	.00002	.00195	.00003	.04969	.00015	.00006	CCB1
22	IPI055WQ	.01133	-.00023	.00150	.00038	.00016	.00111	.00011	.02292	.00016	.00017	IPI055WQ
23	IPI055WX	5.5271	2.5855	.52974	.49409	.51167	.51983	.51477	50.060	.49102	.47720	IPI055WX
24	IPI055WY	5.4675	2.6025	.52556	.50234	.51869	.51553	.52559	50.166	.49766	.49124	IPI055WY
25	H632-03A	5.9106	2.6885	.59481	2.3925	.51086	.87332	.54359	302.99	.49818	.67667	H632-03A
26	H632-03W	.02858	.01859	.02137	1.9154	.00003	.36257	.00068	267.00	.00677	.17542	H632-03W
27	H632-03J	.00891	.00869	.00426	.36961	.00002	.07137	.00001	55.853	.00172	.03390	H632-03J
28	H632-03G	6.0245	2.6937	.58991	2.4649	.50120	.88783	.53802	319.83	.48959	.68282	H632-03G
29	H632-03H	6.0583	2.7763	.60251	2.5709	.51026	.91140	.54789	327.06	.49976	.69727	H632-03H
30	H632-01W	.01181	.01991	.00333	.40112	.00014	.04289	-.00005	83.679	.00122	-.00029	H632-01W
31	H632-02T	.00296	.00936	.00113	.08525	.00003	.06273	-.00007	17.439	.00041	.00038	H632-02T
32	CCV2	103.70	1.5451	1.0327	2.0147	1.5364	2.4929	2.0322	75.086	2.4620	.96441	CCV2
33	CCB2	.00650	.00825	.00047	.00004	.00007	.00198	.00012	.03850	.00031	.00013	CCB2
34	H632-05W	.01443	.00210	.00557	.22965	.00011	.30529	.00002	119.76	.00136	.00149	H632-05W
35	H632-06T	.00113	.00206	.00196	.07409	-.00004	.11370	-.00007	17.930	.00035	.00014	H632-06T
36	H632-07T	.00288	.00087	.00352	.09528	-.00002	.08412	-.00015	43.113	.00104	.02499	H632-07T
37	H632-08W	.00519	-.00103	.00219	.00018	-.00002	.00083	.00008	.05254	.00017	.00009	H632-08W
38	H632-10W	.00632	-.00053	.00057	.22135	-.00004	.22674	.00001	53.664	.00063	-.00057	H632-10W
39	H632-11W	.00486	-.00101	.00103	.00023	-.00006	.00062	-.00001	.04040	.00019	.00009	H632-11W
40	H632-14W	.01106	.00036	.00019	.21134	-.00004	.21459	-.00004	49.457	.00070	-.00041	H632-14W
41	H632-16W	.00196	-.00127	.00154	.00027	-.00003	.00058	-.00001	.02629	.00016	.00011	H632-16W
42	I247-01	.00043	-.00048	.00137	.00013	-.00003	.02912	-.00001	.06377	.00295	.00015	I247-01
43	CCV3	103.09	1.5375	1.0334	2.0178	1.5384	2.4908	2.0370	74.713	2.4573	.96645	CCV3
44	CCB3	.00078	.00571*	.00007	-.00006	-.00004	.00163	-.00001	.02624	.00011	.00002	CCB3
45	H632-03A	5.6870	2.6103	.55600	.72007	.53387	.55413	.54601	77.984	.51162	.52370	H632-03A
46	H632-03T	.00480	.00324	.00365	.19009	-.00001	.03617	-.00003	28.130	.00093	.01690	H632-03T
47	H632-03J	.00174	.00065	.00046	.03951	-.00003	.00739	-.00002	5.8950	.00019	.00343	H632-03J
48	H632-02W	.01998	.00007	.00647	.97906	-.00002	.74810	.00020	190.61	.00249	.00404	H632-02W
49	H632-06W	.00728	-.00098	.00521	.74174	-.00002	1.2154	-.00003	171.38	.00110	.00151	H632-06W
50	H632-07W	.01085	-.00200	.02464	.95624	-.00002	.85937	.00490	385.59	.00715	.24474	H632-07W
51	CCV4	102.38	1.5093	1.0296	2.0374	1.5098	2.4943	2.0157	73.361	2.3641	.92751	CCV4
52	CCB4	.01007	.00560	.00119	.00022	.00008	.00248	.00014	.00272	.00043	.00004	CCB4
53	IPI061SB	.01121	-.00036	.00132	.00026	.00011	.00191	.00009	.01393	.00019	.00009	IPI061SB
54	IPI061SL	5.1316	2.4721	.52081	.51387	.49994	.47278	.53448	49.239	.50133	.50155	IPI061SL

55	IPI061SC	4.9703	2.4241	.50504	.50249	.49744	.46194	.52448	48.784	.49486	.49357	IPI061SC
56	I282-06A	75.461	2.4800	.54485	1.2384	.51496	.47503	.53820	96.696	.59337	.55944	I282-06A
57	I282-06	68.763	.01022	.01688	.73752	.00249	.00462	.00134	48.890	.08923	.05615	I282-06
58	I282-06J	14.275	.00352	.00288	.15049	.00047	.00104	.00002	9.9334	.01810	.01119	I282-06J
59	I282-07	68.085	.00233	.02008	.94566	.00249	.01067	.01002	66.896	.12677	.27810	I282-07
60	I282-08	61.430	.00156	.01178	.56832	.00213	-.00035	.00027	25.996	.10236	.04287	I282-08
61	I282-09	.71944	-.00006	.00256	.07498	-.00003	.26010	-.00004	132.38	.02764	-.00007	I282-09
62	I085-10	.00827	-.00104	.00502	.06679	-.00001	.05848	.00011	60.294	.01673	-.00010	I085-10
63	CCV5	104.03	1.5123	1.0461	2.0545	1.4945	2.5190	2.0194	74.188	2.3841	.92355	CCV5
64	CCB5	.01202	.00559	.00005	.00020	.00017	.00177	.00019	.00776	.00047	.00013	CCB5
65	IPI063WB	.00674	-.00084	.00169	.00048	.00027	.00054	.00011	.02051	.00025	.00017	IPI063WB
66	IPI063WL	5.2966	2.5029	.52444	.50625	.49814	.50905	.50946	48.800	.48824	.47457	IPI063WL
67	IPI063WC	5.3539	2.6013	.53348	.50381	.49756	.53515	.50911	51.112	.49135	.47097	IPI063WC
68	I085-09A	5.6465	2.5857	.56878	.59395	.51136	.59686	.53166	105.16	.52117	.48936	I085-09A
69	I085-09	.06803	.02455	.00511	.06655	.00008	.06519	.00010	59.599	.01660	-.00022	I085-09
70	I085-09J	.01058	.00780	.00139	.01378	-.00002	.01239	.00004	11.971	.00343	.00007	I085-09J
71	I085-09M	5.8304	2.5920	.59660	.61324	.51698	.59037	.54791	109.29	.53256	.50407	I085-09M
72	I085-09S	5.5781	2.6127	.57065	.59076	.49531	.59077	.52407	107.94	.51295	.48138	I085-09S
73	I085-03	.21037	.01266	.01211	.08061	.00023	.05515	.00016	80.179	.07848	.00025	I085-03
74	I085-06	-.00290	.00358	.00615	.09992	-.00004	.05676	.00009	55.428	.01095	-.00014	I085-06
75	CCV6	102.29	1.5191	1.0594	2.0846	1.4857	2.5352	2.0212	74.176	2.4029	.92341	CCV6
76	CCB6	.00394	.00876*	-.00018	.00011	.00008	.00193	.00012	.00040	.00026	.00006	CCB6
77	IPI062WB	.00686	.00058	.00188	.00033	.00022	.00093	.00013	.04841	.00015	.00011	IPI062WB
78	IPI062WL	5.4741	2.5411	.53478	.51034	.50354	.51968	.51766	49.666	.49514	.48202	IPI062WL
79	IPI062WC	5.3413	2.6116	.52956	.50823	.50136	.53735	.51058	50.906	.49244	.47467	IPI062WC
80	I003-07A	5.5807	2.3466	.56189	1.0741	.50677	.59322	.52439	147.76	.49569	.48239	I003-07A
81	I003-07	.00870	.03430	.01247	.57999	.00008	.06280	.00001	104.28	.00066	-.00013	I003-07
82	I003-07J	-.00046	.01158	.00307	.11850	-.00003	.01193	-.00003	21.612	.00020	-.00004	I003-07J
83	I003-07M	5.5162	2.5901	.56011	1.0907	.49467	.58418	.51950	149.37	.48782	.47991	I003-07M
84	I003-07S	5.7257	2.6830	.58413	1.1190	.50768	.60481	.53657	153.74	.50582	.49472	I003-07S
85	I003-02	.01507	.00699	.00863	.11424	.00020	.28144	.00047	62.339	.00092	.00021	I003-02
86	I003-03	.01955	-.00011	.00409	.20909	.00000	.34551	.00010	44.756	.00084	.00037	I003-03
87	CCV7	102.72	1.5200	1.0612	2.0819	1.4866	2.5360	2.0203	74.463	2.4081	.92271	CCV7
88	CCB7	.00195	.00890*	.00124	.00013	.00006	.00217	.00011	.00194	.00027	.00009	CCB7
89	I003-04	.01456	-.00124	.00656	.16301	.00019	.32114	.00018	28.824	.00048	.00005	I003-04
90	I003-06	-16.055*	-3.0693*	9.4562	1.3453	.68440	-7.3540*	-1.4516*	-18.641*	2.6713	-10.754*	I003-06
91	I003-08	.05721	-.00121	.00413	.27058	-.00001	.11172	.00012	90.423	.00919	.00256	I003-08
92	I107-03	.03184	-.00172	.00563	.08681	-.00002	.04797	.00008	54.125	.00264	-.00017	I107-03
93	I107-04	.02347	-.00113	.00806	.03027	-.00003	.17540	.00018	109.54	.02347	-.00020	I107-04
94	I107-05	1.3226	.00154	.03951	.97128	.00253	.08274	.00880	107.91	.09257	.01633	I107-05
95	I050-02	.01045	-.00148	.01134	.14658	-.00001	.34470	.00007	23.234	.00049	.00031	I050-02
96	I050-04	.00020	-.00197	.02393	.12588	-.00005	.44750	.00000	9.8490	.00006	.00007	I050-04
97	I032-01	.00009	-.00199	.05490	.73723	-.00003	.10930	.00007	60.789	.00042	-.00011	I032-01
98	I141-23	-.00302	-.00237	.00171	.00031	-.00004	.00074	.00009	.01514	.00015	.00011	I141-23
99	CCV8	101.02	1.4925	1.0414	2.0699	1.4728	2.4956	2.0075	72.853	2.3699	.92598	CCV8
100	CCB8	.00546	.00579*	.00038	.00015	.00006	.00177	.00011	-.01193	.00021	.00013	CCB8
101	I066-04	.00954	-.00155	.00188	.09785	.00010	.11188	-.00002	291.25	.00071	-.00040	I066-04
102	I066-05	.00750	-.00237	.00055	.21533	-.00003	.08891	-.00001	214.21	.00068	-.00039	I066-05
103	I066-06	.00750	-.00249	.00558	.37619	.00014	.15407	.00016	251.72	.00073	-.00035	I066-06
104	I142-22	.00187	-.00208	.00163	.00035	-.00002	.00058	.00011	.10004	.00020	.00019	I142-22
105	I140-17	-.00249	-.00222	.00123	.00001	.00001	.00061	.00016	.00868	.00009	.00023	I140-17
106	I261-01	.16451	-.00222	.00211	.04867	-.00002	.01088	.00459	109.28	.00087	.00055	I261-01
107	I261-02	.00119	-.00263	.00215	.04623	-.00005	.01070	.00388	108.06	.00056	.00043	I261-02
108	ICSA2	374.34	.00065	-.00048	.00020	.00005	-.01241	.00090	447.08	-.00051	-.00096	ICSA2
109	ICSAB2	378.34	1.0193	1.0444	.53384	.47989	.48545	1.0031	447.94	.45269	.46274	ICSAB2
110	CCV9	99.838	1.4938	1.0217	2.0578	1.4943	2.4883	2.0062	72.399	2.3677	.93032	CCV9
111	CCB9	-.00145	.00563	.00071	-.00002	-.00001	.00120	.00004	-.01227	.00016	.00013	CCB9

112	IPI057SB	.01411	.00034	.00093	.00164	.00010	.00110	.00011	.06583	.00029	.00005	IPI057SB
113	IPI057SL	4.9529	2.4859	.51210	.52004	.48365	.47996	.52709	48.108	.48816	.49654	IPI057SL
114	IPI057SC	5.0593	2.4904	.52179	.52163	.48990	.47591	.53705	46.160	.49160	.50556	IPI057SC
115	I064-01A	205.54	2.4595	.63838	1.3668	.51468	.62173	.53906	114.10	.63157	.53625	I064-01A
116	I064-01	192.84	.01774	.09472	.81805	.00279	.13908	.00304	68.202	.13751	.03444	I064-01
117	I064-01J	41.763	.00587	.01989	.16945	.00054	.02949	.00046	14.236	.02879	.00708	I064-01J
118	I064-02	470.44*	.00657	.21748	1.3400	.00334	.32218	.00363	94.973	.23774	.04374	I064-02
119	I187-01T	4.2805	.00186	.00878	.08041	.00048	.00003	.00809	11.073	.01190	.00408	I187-01T
120	I187-01M	5.8966	.23232	.05911	.14347	.05005	.04430	.05995	8.7940	.06297	.05286	I187-01M
121	I187-01S	5.9143	.23639	.06017	.14463	.05062	.04473	.06070	8.8843	.06403	.05355	I187-01S
122	CCV10	100.48	1.5279	1.0665	2.1284	1.4925	2.5370	2.0517	73.332	2.4541	.97166	CCV10
123	CCB10	.00241	.00702*	.00098	.00016	.00008	.00175	.00002	.02799	.00021	-.00001	CCB10
124	I187-02T	5.4454	.00179	.00915	.08873	.00064	-.00009	.00445	1.6911	.02001	.00461	I187-02T
125	I187-03T	4.1597	.00089	.00672	.07441	.00052	.00085	.00044	3.0191	.01267	.00429	I187-03T
126	I187-04T	5.3773	.00038	.00812	.08712	.00073	.00028	.00011	1.9956	.01335	.00478	I187-04T
127	I187-05T	7.0388	.00064	.01012	.37216	.00076	-.00065	.00007	1.3821	.03288	.02773	I187-05T
128	I187-06T	4.7124	-.00028	.00736	.10194	.00055	.00039	.00192	5.1576	.00978	.00474	I187-06T
129	I187-07T	5.4857	.00020	.00638	.09677	.00054	-.00013	.00001	1.8262	.01111	.00519	I187-07T
130	I187-08T	3.9460	-.00038	.00668	.06519	.00048	-.00037	.00232	2.0128	.01018	.00766	I187-08T
131	I187-09T	5.4453	-.00052	.00586	.07796	.00056	-.00044	.00069	.95140	.00970	.00698	I187-09T
132	I187-10T	5.6852	-.00096	.00884	.13590	.00071	.00068	.00496	1.7101	.01766	.00642	I187-10T
133	H626-09	94.904	.00056	.02253	1.1442	.00358	.01906	.00080	35.536	.25606	.07403	H626-09
134	CCV11	101.40	1.5256	1.0618	2.1132	1.4957	2.5300	2.0519	73.412	2.4512	.97309	CCV11
135	CCB11	.00365	.00610*	.00045	.00009	.00004	.00166	.00005	.02586	.00021	-.00004	CCB11
136	IPI058SB	.00793	.00192	-.00051	.00013	.00003	.00525	-.00005	.02311	.00073	.00003	IPI058SB
137	IPI058SL	4.9807	2.4575	.51584	.51674	.49049	.47895	.52795	49.363	.48695	.49615	IPI058SL
138	IPI058SC	5.1315	2.5419	.53676	.54000	.50735	.49556	.54651	50.781	.50664	.51344	IPI05BSC
139	ZZZZZZZ	96.425	2.7041	.52366	.61054	.51132	.47881	.55175	61.900	24.241	.89233	ZZZZZZZ
140	I470-01	91.746	.24926	-.02322*	.06266	.00025	.00285	.00034	13.402	24.452	.38582	I470-01
141	I470-01T	18.684	.05266	-.00405	.01359	.00001	-.00005	-.00035	2.7969	5.2027	.07579	I470-01T
142	H610-09	12.054	.00230	.00655	.11974	.00026	.00386	-.00005	3.7780	.03090	.00691	H610-09
143	H378-08	26.085	.00111	.00670	.16224	.00051	.00313	-.00008	5.6207	.04644	.01487	H378-08
144	I462-01	7.0940	.07024	.01703	1.9063	.00019	.08012	.02990	8.9001	1.1283	.02591	I462-01
145	I462-02	9.3913	.00124	-.00035	16.936	.00008	.00678	.00039	36.663	.02052	.09216	I462-02
146	CCV12	101.34	1.5269	1.0498	2.0978	1.5142	2.5236	2.0430	73.241	2.4505	.97117	CCV12
147	CCB12	-.00174	.00707*	.00163	-.00005	-.00002	.00158	-.00001	.02550	.00017	.00004	CCB12
148	I491-01	63.136	.03001	.03675	.95457	.00298	.05613	.05222	79.904	.13143	.05330	I491-01
149	I491-02	34.507	.00955	.02286	.59870	.00168	.01836	.03157	59.407	.10581	.03569	I491-02
150	I491-03	29.841	.00700	.01738	.45093	.00156	.02242	.01704	45.471	.06265	.02833	I491-03
151	I491-04	20.166	.00598	.01490	.41473	.00127	.01265	.02253	29.102	.06629	.02704	I491-04
152	I491-05	21.371	.00338	.01559	.36402	.00118	.01026	.02392	33.672	.04264	.02044	I491-05
153	I491-06	34.183	.00742	.02499	.48240	.00165	.02469	.00346	68.032	.07063	.03230	I491-06
154	ICSA3	378.19	.00022	-.00215	.00022	-.00001	-.01203	.00154	448.16	-.00075	-.00125	ICSA3
155	ICSAB3	384.09	1.0265	1.0915	.55204	.47367	.49681	1.0187	450.86	.45596	.46728	ICSAB3
156	CCV13	101.91	1.4938	1.0486	2.1008	1.4797	2.5194	2.0345	72.637	2.3531	.93473	CCV13
157	CCB13	.00427	.00650*	.00220	.00020	.00005	.00191	.00011	.17479*	.00023	.00013	CCB13
158	IPI056SB	.01128	-.00065	.00180	.00008	.00008	.00128	.00009	.00880	.00020	.00002	IPI056SB
159	IPI056SL	4.8174	2.3879	.50538	.51032	.46948	.47153	.51437	46.298	.47530	.48393	IPI056SL
160	IPI056SC	4.8851	2.3937	.50291	.50253	.46672	.47598	.51112	46.431	.46922	.48057	IPI056SC
161	H352-09A	59.626	2.4845	.56757	.95730	.51040	.49369	.55160	55.969	.62460	.55436	H352-09A
162	H352-09	53.757	.00765	.01642	.41523	.00141	.00601	-.00227	7.5601	.11872	.03163	H352-09
163	H352-09J	11.104	.00379	.00385	.08575	.00025	.00183	.00006	1.6034	.02471	.00797	H352-09J
164	H332-04	100.15	.00182	.04798	.65003	.00294	.02769	.00236	54.102	.18448	.06571	H332-04
165	H332-15	90.429	.00470	.03327	.78161	.00271	.02131	.00120	18.009	.60568	.06491	H332-15
166	H313-22	44.840	.00021	.00970	.29517	.00086	.00319	.00034	5.2966	.06740	.02956	H313-22
167	CCV14	101.34	1.4998	1.0380	2.0878	1.4987	2.5200	2.0250	72.811	2.3656	.93079	CCV14
168	CCB14	.00056	.00616*	.00131	.00004	.00002	.00120	.00006	.01115	.00019	-.00001	CCB14

169	I186-01T	.45632	.00506	.00610	.00725	.00010	.00150	.05322	54.176	.00904	.00205	I186-01T
170	I186-01M	1.1323	.23940	.05718	.05931	.04840	.04961	.10508	63.092	.05846	.04950	I186-01M
171	I186-01S	1.1218	.24056	.05737	.05923	.04836	.04935	.10462	63.559	.05810	.04931	I186-01S
172	I186-02T	.25830	.00626	.00556	.00266	.00008	.00042	.05960	74.312	.00686	.00093	I186-02T
173	I186-03T	.24711	.00326	.00591	.00368	.00004	.00119	.06753	75.965	.00591	.00135	I186-03T
174	I186-04T	.21613	.00281	.00564	.00286	.00006	.00035	.06550	60.445	.00437	.00138	I186-04T
175	I186-05T	.52527	.00304	.00578	.00827	.00007	.00088	.06019	58.417	.01031	.00229	I186-05T
176	I186-06T	.29331	.00265	.00486	.00277	.00005	.00013	.09825	70.326	.00633	.00108	I186-06T
177	I186-07T	.26503	.00360	.00428	.00240	.00007	.00032	.10547	68.228	.00723	.00118	I186-07T
178	I186-08T	.32522	.00355	.00502	.00256	.00004	.00013	.09592	66.247	.00655	.00146	I186-08T
179	CCV15	101.30	1.4998	1.0592	2.1262	1.4743	2.5456	2.0371	72.647	2.3690	.93419	CCV15
180	CCB15	.00097	.00635*	-.00039	.00009	.00005	.00125	.00007	.00359	.00013	-.00003	CCB15
181	I186-09T	.30547	.00578	.00649	.00292	.00012	.00075	.08795	70.623	.00621	.00179	I186-09T
182	I186-10T	1.9276	.00953	.00931	.02359	.00032	.00423	.22870	32.429	.00835	.00536	I186-10T
183	I186-11T	.19081	.00372	.00462	.00149	.00004	.00032	.11056	72.017	.00663	.00118	I186-11T
184	I186-12T	.45076	.00384	.00694	.00371	.00018	.00121	.12743	65.338	.00841	.00175	I186-12T
185	I186-13T	.31814	.00307	.00567	.00400	.00011	.00039	.09711	73.847	.00636	.00154	I186-13T
186	I186-14T	.41961	.00222	.00644	.00470	.00008	.00047	.07763	77.832	.00742	.00211	I186-14T
187	I186-15T	.47451	.00213	.00601	.00853	.00009	.00050	.08971	74.824	.00724	.00234	I186-15T
188	CCV16	101.89	1.5042	1.0628	2.1164	1.4768	2.5451	2.0341	72.808	2.3713	.93304	CCV16
189	CCB16	.00266	.00558	.00101	.00007	.00013	.00147	.00008	.00360	.00022	-.00004	CCB16
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00067	.00002	.00005	-.00005	.00001	.00002	.00006	-.00074	-.00051	.00001	Blank
2	S20			.20607			.10197					S20
3	S21			2.0251			1.0010					S21
4	S22	.27385	.05070									S22
5	S23	2.6167	1.9573									S23
6	S24							.70050				S24
7	S25							6.9652				S25
8	S26								.81016	.24221		S26
9	S27								7.5114	2.3644		S27
10	S28					.11914						S28
11	S29					.48407						S29
12	S30				.02100						.00130	S30
13	S31				.10391						.00516	S31
14	ICV	2.5466	24.924	2.3938	.50269	58.775	2.3485	2.5363	2.4841	59.259	1.0382	ICV
15	ICB	.00023	.01418*	.00032	.00002	.00164	.00060	.00171*	.00039	.02117	-.00045	ICB
16	MRLI2101	.01029	.21197	.01047	.00992	.95850	.01062	.01091	.01044	1.0159	.00937	MRLI2101
17	MRLI2102	.01060	.36404*	.00342	.10168	.45858*	.00552	.01037	.01063	1.0221	.00931	MRLI2102
18	ICSA1	-.00024	188.57	-.00139	.00113	187.85	.00202	-.00255	-.00086	.04775	.00449	ICSA1
19	ICSAB1	.51635	188.77	.90618	1.0291	185.57	.44586	1.0106	.95904	76.045	1.0471	ICSAB1
20	CCV1	2.5014	24.330	2.3905	.50100	58.464	2.3509	2.5333	2.4761	61.067	1.0518	CCV1
21	CCB1	.00020	.00133	-.00027	.00036	.00081	.00062	.00150	.00016	.01426	-.00226	CCB1
22	IPI055WQ	.00042	.00273	.00018	-.00045	.00912	.00044	.00021	.00045	.02455	-.00104	IPI055WQ
23	IPI055WX	.50677	5.1615	.49207	-.00021*	47.739	.48162	.49992	.49406	49.420	.52511	IPI055WX
24	IPI055WY	.50262	5.1078	.50045	.00026*	48.052	.48609	.51041	.50482	50.443	.52351	IPI055WY
25	H632-03A	.57251	30.547	.51155	.01141	400.06	70.824*	.54122	.83141	65.781	.63035	H632-03A
26	H632-03W	.02122	26.972	.01672	.01014	359.91	72.854*	-.00078	.35859	12.062	.02314	H632-03W
27	H632-03J	.00443	5.5675	.00381	.00123	69.349	15.650	-.00007	.07010	2.1895	.00363	H632-03J
28	H632-03G	.57727	32.577	.51101	.01092	420.20	74.201*	.54293	.87503	66.225	.62604	H632-03G
29	H632-03H	.58125	32.899	.51840	.01180	430.19	76.785*	.55734	.89199	69.332	.64434	H632-03H
30	H632-01W	.00094	.09521	.00343	.00988	407.49	2.7328	-.00043	.00336	2.6678	-.00042	H632-01W
31	H632-02T	.00044	3.0229	.00077	.00128	37.431	1.4072	.00005	.00014	2.4069	-.00018	H632-02T
32	CCV2	2.5500	24.828	2.3913	.50340	58.265	2.3492	2.5383	2.4845	59.607	1.0391	CCV2
33	CCB2	.00015	.00291	.00074	-.00046	.00062	.00039	.00176	.00010	.00316	-.00053	CCB2
34	H632-05W	.00128	4.8016	.00646	.00346	219.19	3.1285	-.00013	.00880	8.4022	.00074	H632-05W
35	H632-06T	.00031	.53464	.00073	.00439	54.054	.23993	.00010	.00085	6.9227	-.00125	H632-06T
36	H632-07T	.00050	18.210	.00106	.00608	56.935	2.4679	-.00042	.03975	8.5502	.00224	H632-07T
37	H632-08W	.00117	.01250	.00025	-.00032	.04483	.00151	-.00003	.00058	.03329	-.00202	H632-08W
38	H632-10W	.00106	.06386	.00664	-.00004	179.69	1.1545	-.00021	.00289	6.1847	.00076	H632-10W
39	H632-11W	.00020	.00296	.00042	-.00029	.04780	.00043	.00003	.00049	.04387	-.00078	H632-11W
40	H632-14W	.00117	.05755	.00626	.00014	164.15	1.0787	-.00015	.00283	5.9454	-.00099	H632-14W
41	H632-16W	.00030	.00335	.00044	-.00042	.04324	.00053	.00004	.00028	.04244	-.00078	H632-16W
42	I247-01	.00021	.00583	.00034	-.00032	.02120	.00038	.00056	.00126	.06506	-.00150	I247-01
43	CCV3	2.5375	24.608	2.3946	.50423	58.071	2.3408	2.5480	2.4867	60.081	1.0420	CCV3
44	CCB3	.00005	-.00213	.00052	.00033	-.00035	.00025	.00148*	-.00007	.01123	-.00064	CCB3
45	H632-03A	.54082	7.9574	.51630	.00095	82.576	8.5171	.52258	.52986	52.718	.55788	H632-03A
46	H632-03T	.00230	2.7899	.00223	.00047	34.482	8.0983	.00035	.03517	1.1288	.00144	H632-03T
47	H632-03J	.00073	.58904	.00058	-.00017	7.1423	1.6954	.00015	.00718	.23153	.00056	H632-03J
48	H632-02W	.00155	34.255	.00797	.01541	438.77	15.607	-.00230	.00313	28.680	.00561	H632-02W
49	H632-06W	.00141	5.3493	.00550	.05055	560.27	2.3202	-.00097	.00928	74.361	-.00007	H632-06W
50	H632-07W	.00000	166.91	.00912	.06658	568.72	22.506	-.00436	.38132	94.471	.01270	H632-07W
51	CCV4	2.5077	23.516	2.3672	.49429	54.389	2.2981	2.4901	2.4592	61.544	1.0263	CCV4
52	CCB4	.00048	.00394	.00024	-.00023	.00212	.00039	.00160*	.00011	.04042	-.00011	CCB4
53	IPI061SB	.00037	.00178	.00047	-.00053	.02444	.00082	.00020	.00042	.04728	-.00242	IPI061SB
54	IPI061SL	.52077	5.2119	.50165	-.00107*	45.398	.48954	.54314	.52224	48.360	.50761	IPI061SL

55	IPI061SC	.50291	5.0559	.49003	-.00054*	45.316	.48002	.53504	.51080	48.156	.49213	IPI061SC
56	I282-06A	.60758	120.32	.51919	.04331	76.024	2.3730	.53371	.55212	65.424	.51775	I282-06A
57	I282-06	.07958	117.03	.02479	.04309	30.046	1.9559	.00750	.06634	15.259	.00108	I282-06
58	I282-06J	.01853	24.115	.00512	.00841	6.0942	.40462	.00144	.01312	3.0621	-.00044	I282-06J
59	I282-07	.11026	122.00	.03027	.09793	33.443	5.8227	.02732	.43441	15.566	.00251	I282-07
60	I282-08	.05834	95.304	.03765	.03433	20.249	1.7236	.00616	.04549	13.458	.00168	I282-08
61	I282-09	.00581	.89277	.00541	.03038	6.0093	.02749	.28652	.00344	17.247	.00202	I282-09
62	I085-10	.00864	.07037	.00834	.02974	11.286	.00072	.00453	.00031	2.4230	-.00140	I085-10
63	CCV5	2.5638	24.154	2.3761	.50202	54.347	2.3206	2.5065	2.4718	61.344	1.0280	CCV5
64	CCB5	.00049	.00367	.00028	-.00022	.00461	.00040	.00157*	.00024	.00410	-.00114	CCB5
65	IPI063WB	.00028	-.00027	.00042	-.00058	.01003	.00071	.00023	.00051	.01881	-.00201	IPI063WB
66	IPI063WL	.49654	4.9502	.48738	-.00017*	45.996	.47408	.49412	.48965	51.378	.52458	IPI063WL
67	IPI063WC	.50113	5.0334	.48766	-.00084*	48.344	.47611	.50497	.48867	52.861	.53048	IPI063WC
68	I085-09A	.52819	5.1773	.50642	.03022	57.413	.48878	.51249	.47850	54.480	.56323	I085-09A
69	I085-09	.00101	.00342	.00498	.02960	11.184	.00071	.00548	.00046	2.4292	-.00051	I085-09
70	I085-09J	.00035	.00136	.00095	.00586	2.2545	.00017	.00125	-.00002	.49115	-.00064	I085-09J
71	I085-09M	.55087	5.4381	.52465	.03038	57.967	.50890	.51915	.52453	54.646	.58212	I085-09M
72	I085-09S	.52724	5.2286	.50391	.03178	57.584	.48830	.51621	.50116	54.073	.55739	I085-09S
73	I085-03	.00227	2.7109	.00452	.03001	16.464	.20384	.00277	.00255	2.3659	-.00075	I085-03
74	I085-06	.00162	.36022	.00763	.04050	9.3567	.00171	.00190	.00435	2.4843	-.00158	I085-06
75	CCV6	2.5476	24.005	2.3774	.50408	54.196	2.3346	2.5165	2.4648	62.416	1.0489	CCV6
76	CCB6	.00040	.00295	.00016	-.00050	-.00310	.00029	.00138*	.00011	.01065	-.00064	CCB6
77	IPI062WB	.00060	-.00177	.00018	.00020	.00802	.00050	.00024	.00049	.02468	-.00095	IPI062WB
78	IPI062WL	.51156	5.0952	.49533	-.00044*	46.648	.47972	.50325	.49777	51.184	.53055	IPI062WL
79	IPI062WC	.49656	4.9626	.48765	-.00044*	48.239	.47561	.50648	.48816	54.199	.53163	IPI062WC
80	I003-07A	.51949	7.1967	.49909	.02204	77.254	.67404	.50675	.47346	61.083	.55196	I003-07A
81	I003-07	.00084	2.2552	.00297	.02246	31.337	.20855	.00194	.00346	8.7212	-.00113	I003-07
82	I003-07J	.00035	.46411	.00092	.00408	6.3513	.04318	.00062	.00064	1.7091	-.00119	I003-07J
83	I003-07M	.52190	7.2503	.49667	.02263	76.599	.67969	.51895	.50035	60.685	.54157	I003-07M
84	I003-07S	.54071	7.5420	.51323	.02286	79.604	.70202	.53526	.51642	62.854	.56133	I003-07S
85	I003-02	.00245	.01487	.00311	.10220	49.514	.13041	.01217	.00648	15.322	.00030	I003-02
86	I003-03	.00248	.03990	.00312	.12347	78.633	.27233	.01159	.01533	13.026	.00051	I003-03
87	CCV7	2.5546	24.217	2.3793	.50336	54.376	2.3328	2.5083	2.4657	62.431	1.0467	CCV7
88	CCB7	.00040	.00022	.00036	-.00047	.00014	.00026	.00143*	.00019	.03253	-.00054	CCB7
89	I003-04	.00146	-.01062	.00236	.11970	73.782	.09994	.01047	.00242	17.879	-.00017	I003-04
90	I003-06	-2.0565*	8.5529	12.018	-8.9523*	109.37	.93853	-2.5872*	-.97240*	-487.85*	-9.2158*	I003-06
91	I003-08	.00309	1.2682	.00333	.04635	32.108	.29409	.00619	.13944	8.7708	-.00148	I003-08
92	I107-03	.00079	.08350	.00368	.02549	10.988	.00978	.00198	.00051	2.1381	-.00173	I107-03
93	I107-04	.00267	2.1729	.02045	.02832	20.623	.02602	.00427	.00053	2.3079	.00075	I107-04
94	I107-05	.00072	3.3763	.02445	.04256	20.210	18.312	.00186	.19654	30.470	.00328	I107-05
95	I050-02	.00128	-.00827	.00236	.12535	77.053	.19298	.01222	.00224	15.817	.00042	I050-02
96	I050-04	.00085	.00870	.00107	.08736	27.841	.04096	.02763	.00137	14.057	-.00034	I050-04
97	I032-01	.00104	2.8550	.00360	.02614	30.269	.04133	.00002	.00026	12.891	-.00073	I032-01
98	I141-23	.00126	-.00043	.00014	-.00143	.01187	.00013	.00004	.00037	.07808	-.00168	I141-23
99	CCV8	2.5402	23.773	2.3629	.50466	53.470*	2.2923	2.5183	2.4561	61.694	1.0387	CCV8
100	CCB8	.00027	.00137	.00027	-.00062	.00181	.00024	.00143*	.00028	.05079	-.00043	CCB8
101	I066-04	.00114	.44275	.00364	.00952	51.118	.37626	.00261	.00083	5.9266	-.00310	I066-04
102	I066-05	.00109	.04788	.00348	.00577	35.699	.27661	.00280	.00069	4.9976	-.00233	I066-05
103	I066-06	.00120	2.1475	.00569	.05721	72.323	.59891	-.00056	.00098	9.7974	.00350	I066-06
104	I142-22	.00121	-.00074	.00040	-.00122	.02229	.00023	.00003	.00053	.05937	-.00125	I142-22
105	I140-17	.00138	-.00281	.00012	-.00076	.00435	.00023	-.00007	.00040	.05442	-.00106	I140-17
106	I261-01	.00232	.12590	.01289	.00217	9.4586	.11339	.00107	.00426	1.7457	-.00159	I261-01
107	I261-02	.00187	-.00191	.00160	.00151	9.2427	.09270	.00104	.00368	1.7199	-.00115	I261-02
108	ICSA2	.00009	180.35	-.00247	.00238	177.43	.00187	-.00226	-.00098	.05697	.00179	ICSA2
109	ICSAB2	.51599	180.04	.90308	1.0585	177.45	.43416	1.0241	.95820	80.080	1.0559	ICSAB2
110	CCV9	2.4852	23.187	2.3541	.50398	53.823*	2.2663	2.5040	2.4525	62.399	1.0212	CCV9
111	CCB9	.00013	.00118	.00004	-.00020	-.00184	.00011	.00142*	-.00003	.04477	-.00033	CCB9

112	IPI057SB	.00055	.00965	.00048	-.00083	.01686	.00042	.00020	.00052	.04975	-.00140	IPI057SB
113	IPI057SL	.50562	4.9227	.49540	-.00012*	44.298	.47373	.55259	.51256	51.137	.50061	IPI057SL
114	IPI057SC	.51938	5.0705	.50607	-.00074*	42.315	.47700	.55740	.52401	47.750	.50764	IPI057SC
115	I064-01A	.71779	81.829	.53909	.13925	71.100	5.9416	.54167	.69977	59.071	.55292	I064-01A
116	I064-01	.15586	76.248	.04611	.13577	26.537	5.4899	.00932	.21085	8.1607	.01898	I064-01
117	I064-01J	.03179	15.999	.00971	.02649	5.5322	1.1569	.00181	.04338	1.6683	.00223	I064-01J
118	I064-02	.24961	78.104	.06425	.16673	34.941	8.0714	.01570	.34085	7.2309	.04680	I064-02
119	I187-01T	.01018	16.779	.09178	.00164	4.6845	.38551	.00021	.00587	.33595	-.00040	I187-01T
120	I187-01M	.06174	19.883	.15144	.00236	4.9997	.44679	.05002	.05698	5.2986	.04845	I187-01M
121	I187-01S	.06232	19.965	.15292	.00252	5.0325	.45185	.05081	.05793	5.3951	.05000	I187-01S
122	CCV10	2.6206	24.412	2.4239	.52700	55.019	2.3395	2.6338	2.5214	62.045	1.0728	CCV10
123	CCB10	.00040	.00104	.00080	-.00031	.00124	.00028	.00138*	-.00005	.01855	-.00068	CCB10
124	I187-02T	.00593	21.845	.02943	.00227	.40759	.32322	.00091	.00538	.32064	-.00017	I187-02T
125	I187-03T	.00513	10.281	.03493	.00120	.31430	.27841	.00053	.00493	.55921	-.00082	I187-03T
126	I187-04T	.00570	12.183	.04854	.00160	.36879	.20739	.00039	.00709	.47396	-.00024	I187-04T
127	I187-05T	.00748	21.240	.05435	.00442	.38410	2.1919	.00101	.01437	.61841	.00045	I187-05T
128	I187-06T	.00692	9.4262	.03772	.00239	.35838	.40116	.00065	.00600	.49029	-.00052	I187-06T
129	I187-07T	.00531	10.729	.01567	.00234	.35639	.37013	.00036	.00512	.44914	-.00104	I187-07T
130	I187-08T	.01055	12.921	.08219	.00047	.28199	.27208	.00045	.00529	.35224	-.00054	I187-08T
131	I187-09T	.00511	11.139	.02660	.00208	.28384	.17508	.00050	.00455	.33176	-.00103	I187-09T
132	I187-10T	.00605	17.292	.03398	.00183	.40533	.45655	.00011	.00746	.36576	-.00024	I187-10T
133	H626-09	.15287	154.64	.03465	.09327	42.159	1.6855	.00472	.14625	27.388	.00188	H626-09
134	CCV11	2.6226	24.571	2.4210	.52430	55.220	2.3259	2.6219	2.5230	61.797	1.0675	CCV11
135	CCB11	.00032	.00265	.00031	-.00030	.00379	.00017	.00137*	.00003	.00246	-.00140	CCB11
136	IPI058SB	.00029	.00712	.00048	-.00087	.00414	.00034	.00067	-.00003	.05626	-.00056	IPI058SB
137	IPI058SL	.51353	5.0002	.49541	-.00109*	45.136	.47251	.54771	.51415	51.045	.50634	IPI058SL
138	IPI058SC	.53046	5.2055	.51292	-.00040*	46.361	.49268	.56601	.53198	53.331	.52923	IPI058SC
139	ZZZZZZZ	1.2406	222.55	.56108	.00720	64.424	4.2613	2.6078	14.685	52.853	.53331	ZZZZZZZ
140	I470-01	.69312	225.65	.05395	.00677	20.052	3.8984	2.1016	14.611	1.0450	.00462	I470-01
141	I470-01T	.13554	46.207	.01135	.00074	4.1105	.80482	.40209	2.9042	.20619	.00103	I470-01T
142	H610-09	.01069	17.595	.00524	.00947	3.8643	.22323	.00195	.01127	3.9770	.00013	H610-09
143	H378-08	.01884	34.942	.00797	.01941	8.9287	.37000	.00081	.01955	7.8163	.00121	H378-08
144	I462-01	7.8945	203.38	.77767	.00447	4.5959	.90928	.10222	1.2679	1.0898	.00179	I462-01
145	I462-02	.03001	3.8354	.00905	.02081	.38850	.15352	.00248	.01368	5.2893	.00233	I462-02
146	CCV12	2.5827	24.192	2.4094	.52057	55.709	2.3016	2.6006	2.5068	62.363	1.0603	CCV12
147	CCB12	.00020	-.00093	.00016	-.00042	-.00222	.00019	.00128*	.00008	.02237	-.00028	CCB12
148	I491-01	.34586	132.12	.17358	.10575	32.669	1.8481	.05130	.19697	19.778	.00308	I491-01
149	I491-02	.24754	110.67	.10046	.05930	17.519	1.0635	.06249	.08731	10.022	.00107	I491-02
150	I491-03	.14320	69.279	.08136	.07212	15.587	.86301	.05089	.04941	9.6388	.00214	I491-03
151	I491-04	.15667	67.283	.09538	.03313	11.199	.62278	.01694	.05416	6.4487	.00038	I491-04
152	I491-05	.12062	61.681	.04690	.03629	12.117	.70559	.01984	.03901	5.8588	.00070	I491-05
153	I491-06	.17336	77.782	.16216	.04285	19.448	.86821	.01111	.05447	10.220	.00087	I491-06
154	ICSA3	.00020	183.33	-.00216	.00125	175.53	.00196	-.00242	-.00117	.03563	.00539	ICSA3
155	ICSAB3	.54389	185.91	.92006	1.0889	174.56	.44449	1.0560	.97700	79.900	1.0936	ICSAB3
156	CCV13	2.5795	23.546	2.3894	.51204	52.431*	2.2836	2.5619	2.4984	62.165	1.0366	CCV13
157	CCB13	.00052	.00385	.00044	-.00089	-.00089	.00029	.00137*	.00024	.03326	-.00179	CCB13
158	IPI056SB	.00037	.00232	.00013	-.00077	.00908	.00017	.00026	.00013	.02944	-.00209	IPI056SB
159	IPI056SL	.50224	4.8193	.48365	-.00076*	42.016	.46189	.54251	.49366	48.703	.49434	IPI056SL
160	IPI056SC	.50007	4.8138	.48073	-.00050*	42.099	.45596	.54192	.49100	48.169	.48898	IPI056SC
161	H352-09A	.61040	84.902	.52895	.05139	64.363	1.4789	.54897	.56029	71.265	.54007	H352-09A
162	H352-09	.05319	82.321	.05532	.05212	20.551	1.0296	.00357	.05982	19.941	-.01829*	H352-09
163	H352-09J	.01184	16.899	.00429	.01020	4.2630	.21517	.00037	.02014	4.1224	-.00057	H352-09J
164	H332-04	.10687	157.08	.03384	.14822	45.131	1.5636	.00674	.09557	40.170	.00411	H332-04
165	H332-15	.12668	155.24	.03175	.10205	42.427	1.7939	.03527	.11911	33.858	.00279	H332-15
166	H313-22	.02638	61.149	.01112	.04348	16.600	.65345	.00029	.03064	18.610	.00000	H313-22
167	CCV14	2.5313	23.289	2.3785	.50768	53.235*	2.2734	2.5357	2.4785	63.121	1.0364	CCV14
168	CCB14	.00031	-.00050	.00064	.00029	.00442	.00047	.00129*	-.00001	.01594	-.00096	CCB14

169	I186-01T	.07858	5.0062	.48573	.00011	11.602	.20673	-.00147	.00880	.17665	-.00047	I186-01T
170	I186-01M	.13083	5.6282	.54551	.00039	16.370	.26413	.04940	.05857	5.2287	.04920	I186-01M
171	I186-01S	.13040	5.5827	.54281	-.00011	16.987	.26683	.04897	.05792	5.2529	.05180	I186-01S
172	I186-02T	.08328	4.0946	.60697	-.00012	13.929	.22473	-.00314	.00803	.17180	-.00006	I186-02T
173	I186-03T	.12735	4.0813	.30810	-.00046	14.980	.24470	-.00240	.00856	.17712	.00017	I186-03T
174	I186-04T	.04143	3.7973	.34560	-.00056	11.404	.18510	-.00177	.00648	.12621	.00017	I186-04T
175	I186-05T	.08727	5.5724	.55250	-.00073	12.355	.22957	-.00212	.00960	.18520	.00052	I186-05T
176	I186-06T	.05075	4.6101	.60185	-.00001	14.263	.22375	-.00267	.00597	.17264	-.00030	I186-06T
177	I186-07T	.06286	4.3951	.59047	.00007	13.643	.21531	-.00260	.00758	.13442	.00051	I186-07T
178	I186-08T	.05692	4.4696	.57292	-.00027	12.930	.21253	-.00243	.00676	.14805	-.00096	I186-08T
179	CCV15	2.6018	23.592	2.3969	.51561	52.360*	2.3050	2.5742	2.4994	63.021	1.0491	CCV15
180	CCB15	.00037	.00245	-.00014	-.00094	-.00181	.00026	.00131*	.00010	.01993	-.00081	CCB15
181	I186-09T	.10107	5.3715	.51420	.00043	13.018	.22558	-.00226	.00917	.15699	.00054	I186-09T
182	I186-10T	.09515	11.832	1.0871	.00117	10.271	.37430	-.00498	.01581	.30103	.00002	I186-10T
183	I186-11T	.04356	4.0463	.44371	-.00039	15.369	.22842	-.00267	.00542	.11957	-.00066	I186-11T
184	I186-12T	.09542	5.4532	1.0346	-.00051	13.374	.22579	-.00260	.01027	.15569	-.00061	I186-12T
185	I186-13T	.13732	5.6012	.59637	-.00014	12.880	.21770	-.00223	.01001	.13208	-.00129	I186-13T
186	I186-14T	.11017	6.0241	.72957	.00053	12.891	.24159	-.00171	.01153	.18185	-.00088	I186-14T
187	I186-15T	.12579	6.3611	.71198	.00012	12.290	.24257	-.00209	.01290	.18319	-.00072	I186-15T
188	CCV16	2.6047	23.735	2.3933	.51309	52.491*	2.2993	2.5662	2.4964	62.624	1.0504	CCV16
189	CCB16	.00054	-.00023	.00029	-.00035	.00233	.00022	.00137*	.00007	.01961	-.00001	CCB16
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00010	.00064	-.00018	-.00034	.00006	-.00002	-.00021	.00092	Blank
2	S20									S20
3	S21									S21
4	S22							.12750		S22
5	S23							1.2725		S23
6	S24		.73905							S24
7	S25		4.2298							S25
8	S26									S26
9	S27									S27
10	S28				.11509					S28
11	S29				1.1046					S29
12	S30	.03763		.10933		.02552	.01681		.60441	S30
13	S31	.18545		.54581		.12355	.08312		5.8987	S31
14	ICV	.50715	63.979	.48860	2.3981	.49435	.49644	1.5001	2.6484	ICV
15	ICB	.00007	.00651	.00016	.00168	-.00021	.00110	.00019	.00290	ICB
16	MRLI2101	.01036	1.0642	.01027	.01175	.00026	.01149	.01034	.01156	MRLI2101
17	MRLI2102	.00968	.55074	.01052	.01140	.01033	.01049	.01030	.02369	MRLI2102
18	ICSA1	-.00005	.05757	.00054	.00069	.00091	.00083	.00000	.00326	ICSA1
19	ICSAB1	1.0670	81.574	.48193	.89614	.9718B	.96183	.48270	1.0289	ICSAB1
20	CCV1	.50842	63.549	.48683	2.3863	.49093	.49976	1.5111	2.6530	CCV1
21	CCB1	.00008	.00550	.00013	.00144	.00002	.00081	.00005	.00242	CCB1
22	IPI055WQ	.00021	-.01047	.00008	.00152	-.00037	.00088	.00008	.00119	IPI055WQ
23	IPI055WX	.50990	52.448	.47003	.49967	.49498	.50915	.50650	.54004	IPI055WX
24	IPI055WY	.51465	52.356	.47331	.50482	.50430	.51830	.51997	.55056	IPI055WY
25	H632-03A	.55846	480.40	2.4560	.54223	.49745	.51659	.52961	.56908	H632-03A
26	H632-03W	.00555	445.39	2.0341	.05348	.00299	.00388	.00164	.01173	H632-03W
27	H632-03J	.00100	89.447	.39282	.01005	.00050	.00280	.00014	.00658	H632-03J
28	H632-03G	.58379	512.81	2.5676	.54104	.49004	.51416	.52059	.56355	H632-03G
29	H632-03H	.59714	521.42	2.6406	.54833	.49636	.52759	.53425	.57529	H632-03H
30	H632-01W	.00021	237.41	.88543	.00252	.00287	.00350	.00014	.00312	H632-01W
31	H632-02T	.00010	73.070	.15780	.00120	.00024	.00137	-.00016	.00186	H632-02T
32	CCV2	.50693	64.253	.48881	2.3987	.49634	.49499	1.4986	2.6421	CCV2
33	CCB2	.00009	.03724	.00006	.00154	-.00022	.00114	.00016	.00162	CCB2
34	H632-05W	.00020	575.38	.69217	.00261	-.00074	.00391	.00035	.00514	H632-05W
35	H632-06T	-.00004	160.06	.56120	.00088	.00024	.00100	-.00040	.00163	H632-06T
36	H632-07T	.00017	241.24	.34831	.00075	.00032	.00219	.00066	.00271	H632-07T
37	H632-08W	.00011	.18462	.00048	.00127	-.00043	.00041	-.00011	.00379	H632-08W
38	H632-10W	.00023	501.23	.44316	.00134	-.00021	.00200	-.00039	.00553	H632-10W
39	H632-11W	.00003	.18825	.00025	.00096	-.00073	.00071	.00002	.00545	H632-11W
40	H632-14W	.00017	469.91	.41913	.00141	.00005	.00227	-.00038	.00613	H632-14W
41	H632-16W	-.00001	.19095	.00026	.00085	-.00055	.00069	.00005	.00152	H632-16W
42	I247-01	.00003	.51920	.00014	.00061	.03556	.00150	-.00002	.00316	I247-01
43	CCV3	.50724	64.044	.48780	2.4056	.49382	.49603	1.5004	2.6429	CCV3
44	CCB3	.00003	.02918	.00003	.00140	-.00029	.00079	-.00006	.00095	CCB3
45	H632-03A	.51651	98.456	.67861	.52769	.50155	.51334	.53099	.57111	H632-03A
46	H632-03T	.00032	45.340	.19917	.00498	-.00002	.00181	.00005	.00554	H632-03T
47	H632-03J	.00011	9.2657	.04155	.00126	.00008	.00083	-.00006	.00318	H632-03J
48	H632-02W	.00094	825.02*	1.8511	.00938	-.00001	.00502	.00069	.00316	H632-02W
49	H632-06W	.00023	1455.6*	5.6032	.00167	-.00045	.00310	-.00098	.00371	H632-06W
50	H632-07W	.00212	*****	3.4519	.00697	.00272	.00442	.00923	.01126	H632-07W
51	CCV4	.50451	63.980	.48878	2.4171	.47810	.49292	1.4810	2.6170	CCV4
52	CCB4	.00022	.11471*	.00004	.00095	.00004	.00101	.00010	-.00002	CCB4
53	IPI061SB	.00022	.09799	.00040	.00179	.00109	.00057	.00008	.00118	IPI061SB
54	IPI061SL	.49247	53.333	.47850	.51105	.52710	.49894	.51253	.57827	IPI061SL

55	IPI061SC	.48173	52.413	.46788	.49789	.51368	.49496	.50801	.58289	IPI061SC
56	I282-06A	.49539	56.718	.85745	.49923	.53530	6.6076	.75370	.84842	I282-06A
57	I282-06	.00035	3.5160	.39103	-.00082	.04389	6.2318	.23473	.29296	I282-06
58	I282-06J	.00008	.73970	.07988	-.00012	.00859	1.2671	.04671	.05715	I282-06J
59	I282-07	.00110	4.6100	.38290	.00342	.04516	4.0305	.26371	.40566	I282-07
60	I282-08	.00031	1.8390	.25972	-.00043	.03958	4.6947	.17898	.25430	I282-08
61	I282-09	-.00020	107.64	.61637	.00001	.00019	.03633	.00819	.02080	I282-09
62	I085-10	.00004	46.442	.85654	.00148	-.00064	.00274	.00596	.13965	I085-10
63	CCV5	.50717	65.327	.49469	2.4476	.48076	.49019	1.4749	2.6197	CCV5
64	CCB5	.00019	.04457	.00006	.00117	-.00039	.00139	.00018	-.00004	CCB5
65	IPI063WB	.00029	.01811	.00010	.00195	-.00039	.00084	.00010	.00191	IPI063WB
66	IPI063WL	.51118	52.920	.46323	.50050	.47550	.49630	.50564	.53326	IPI063WL
67	IPI063WC	.51599	54.970	.47734	.50012	.49117	.50960	.50477	.53445	IPI063WC
68	I085-09A	.51557	97.776	1.3085	.51740	.48783	.50352	.52721	.64768	I085-09A
69	I085-09	.00004	45.359	.84662	.00062	.00223	.00319	.00589	.10192	I085-09
70	I085-09J	.00001	9.0612	.17090	.00083	.00030	.00140	.00126	.01940	I085-09J
71	I085-09M	.55772	101.21	1.3589	.53740	.48907	.50285	.53670	.66403	I085-09M
72	I085-09S	.53541	101.09	1.3555	.51470	.49062	.50010	.51446	.64004	I085-09S
73	I085-03	.00013	47.786	1.0190	.00194	.00006	.00890	.00954	.55089	I085-03
74	I085-06	.00013	47.335	.91150	.00183	-.00002	.00240	.00721	.54533	I085-06
75	CCV6	.50974	65.858	.49809	2.4644	.47877	.48852	1.4816	2.6243	CCV6
76	CCB6	.00002	.03835	-.00002	.00153	-.00028	.00127	.00005	-.00010	CCB6
77	IPI062WB	.00019	.01196	.00016	.00140	-.00064	.00059	.00005	.00392	IPI062WB
78	IPI062WL	.52014	54.101	.47114	.51072	.48652	.49970	.51152	.53960	IPI062WL
79	IPI062WC	.51957	55.199	.47819	.50082	.49211	.51311	.51016	.53391	IPI062WC
80	I003-07A	.50891	89.123	.81043	.50743	.47708	.50366	.51648	.54537	I003-07A
81	I003-07	.00008	36.424	.34580	.00110	.00564	.00317	-.00022	.00365	I003-07
82	I003-07J	.00005	7.2789	.07100	.00064	.00074	.00152	-.00005	.00010	I003-07J
83	I003-07M	.52835	91.190	.82860	.50388	.49396	.50223	.50472	.54194	I003-07M
84	I003-07S	.55042	94.423	.85345	.52204	.50896	.51839	.52168	.56357	I003-07S
85	I003-02	.00021	121.77	.50626	.00084	.00041	.00264	.00093	.01154	I003-02
86	I003-03	.00022	126.87	.71613	.00100	-.00005	.00225	.00093	.00236	I003-03
87	CCV7	.50944	65.986	.49739	2.4597	.47870	.48839	1.4818	2.6276	CCV7
88	CCB7	.00010	.02969	.00005	.00137	-.00023	.00131	.00005	-.00003	CCB7
89	I003-04	.00016	113.80	.49230	.00134	-.00052	.00190	.00129	.00592	I003-04
90	I003-06	-2.2140*	-118.73*	1.2744	-26.476*	-6.4108*	5.7336	6.5398*	2.9462	I003-06
91	I003-08	.00000	179.70	.48343	.00051	-.00026	.00366	.00054	.03582	I003-08
92	I107-03	.00002	37.085	.67743	.00209	-.00065	.00261	.00548	.00565	I107-03
93	I107-04	-.00001	79.153	1.1987	.00126	-.00066	.00333	.00886	.30255	I107-04
94	I107-05	.00143	71.101	1.3443	.01208	-.00005	.01810	.03657	.12903	I107-05
95	I050-02	.00011	125.62	.45911	.00124	-.00037	.00153	.00252	.00220	I050-02
96	I050-04	.00012	282.96	.20623	.00129	-.00042	.00077	.00002	.00111	I050-04
97	I032-01	-.00012	52.135	.37352	.00132	-.00057	.00226	-.00016	.00204	I032-01
98	I141-23	.00035	.06706	.00019	.00142	-.00055	.00049	.00003	.00159	I141-23
99	CCV8	.50219	65.585	.49400	2.4437	.47542	.48327	1.4608	2.5915	CCV8
100	CCB8	.00011	.04865	.00010	.00200	-.00041	.00113	.00019	-.00041	CCB8
101	I066-04	-.00011	131.33	2.3830	.00148	-.00037	.00268	.00012	.00434	I066-04
102	I066-05	.00007	83.930	1.8815	.00143	-.00064	.00341	-.00018	.02451	I066-05
103	I066-06	-.00004	134.14	3.2784	.00012	-.00046	.00280	-.00011	.00240	I066-06
104	I142-22	.00010	.07345	.00112	.00186	-.00064	.00044	.00008	.00245	I142-22
105	I140-17	.00017	.03305	.00020	.00159	-.00038	.00044	.00003	.00148	I140-17
106	I261-01	-.00005	3.6664	.16293	.00128	-.00073	.00681	.00037	.50853	I261-01
107	I261-02	-.00010	3.6479	.16097	.00114	-.00083	.00316	.00021	.33463	I261-02
108	ICSA2	.00007	.13402	.00109	-.00115	.00114	.00080	-.00014	.00360	ICSA2
109	ICSAB2	1.0749	83.343	.48652	.90683	.95242	.95150	.48086	1.0156	ICSAB2
110	CCV9	.50395	64.854	.48923	2.4087	.47512	.48900	1.4749	2.5900	CCV9
111	CCB9	.00003	.01008	.00012	.00166	-.00013	.00105	.00005	-.00051	CCB9

112	IPI057SB	.00012	.00907	.00022	.00190	.00083	.00035	.00012	.00841*	IPI057SB
113	IPI057SL	.49828	54.159	.49139	.50847	.51675	.50929	.50428	.55203	IPI057SL
114	IPI057SC	.50008	51.801	.49175	.52125	.52305	.50834	.50774	.55965	IPI057SC
115	I064-01A	.50253	56.545	1.1818	.51238	.55932	2.3054	.65766	.81312	I064-01A
116	I064-01	.00054	1.4051	.68266	.00214	.07436	1.7942	.14942	.26243	I064-01
117	I064-01J	.00007	.28954	.14082	.00071	.01533	.37432	.03101	.05598	I064-01J
118	I064-02	.00080	1.8748	1.4663	.00246	.22700	1.7631	.19790	.31770	I064-02
119	I187-01T	.00005	.04847	.01032	.00045	.00386	.05660	.02135	1.3783	I187-01T
120	I187-01M	.04873	5.4207	.05829	.05239	.05106	.09620	.07305	1.6577	I187-01M
121	I187-01S	.04943	5.4989	.05921	.05333	.05177	.10060	.07391	1.6766	I187-01S
122	CCV10	.51300	67.517*	.50748	2.5014	.49105	.48709	1.4858	2.6345	CCV10
123	CCB10	.00007	.00496	.00011	.00185	-.00031	.00093	.00017	.00096	CCB10
124	I187-02T	.00014	.03666	.00725	.00091	.00238	.05968	.02750	.74521	I187-02T
125	I187-03T	.00002	.01417	.00854	.00028	.00264	.05914	.01975	.07189	I187-03T
126	I187-04T	.00004	.01737	.01049	-.00013	.00167	.05276	.02108	.05638	I187-04T
127	I187-05T	.00029	.00537	.00751	.00149	.00199	.13070	.04026	.04480	I187-05T
128	I187-06T	-.00002	.01634	.01087	.00050	.00319	.07147	.01861	.26577	I187-06T
129	I187-07T	.00000	.01158	.00791	-.00001	.00305	.08958	.02247	.03976	I187-07T
130	I187-08T	.00007	.00811	.00515	.00037	.00300	.05502	.02030	.33616	I187-08T
131	I187-09T	.00014	.00900	.00474	.00031	.00306	.04838	.02149	.08752	I187-09T
132	I187-10T	.00013	.01441	.00700	.00042	.00308	.04132	.03550	.66554	I187-10T
133	H626-09	.00041	21.543	.25312	-.00107	.04260	6.3741	.35945	.39983	H626-09
134	CCV11	.51103	67.058*	.50509	2.4868	.49300	.49079	1.4847	2.6349	CCV11
135	CCB11	.00004	-.00978	.00012	.00120	-.00008	.00143	.00006	.00089	CCB11
136	IPI058SB	-.00003	-.00317	.00031	-.00032	.05328*	.00155	.00012	.00797*	IPI058SB
137	IPI058SL	.49361	55.613	.48429	.51222	.55185	.49768	.50199	.55022	IPI058SL
138	IPI058SC	.51334	57.297	.49996	.53073	.56587	.51331	.52134	.57123	IPI058SC
139	ZZZZZZZ	.50203	61.154	.58607	.53014	.55366	3.2677	.73869	.77361	ZZZZZZZ
140	I470-01	.00079	5.2146	.09575	.00605	.05548	2.8338	.22459	.21121	I470-01
141	I470-01T	.00020	1.0335	.01929	.00190	.01090	.57461	.04501	.05320	I470-01T
142	H610-09	.00008	1.8094	.02752	-.00117	.04412	1.0399	.04382	.05679	H610-09
143	H378-08	-.00010	4.9769	.04383	-.00038	.04161	2.2787	.07995	.10885	H378-08
144	I462-01	.01506	16.850	.13650	-.00123	.25056	.21300	.02639	6.3829	I462-01
145	I462-02	.00198	5.5467	.26712	-.00261	.09610	.29306	.00186	.34317	I462-02
146	CCV12	.51222	66.147*	.49932	2.4610	.49040	.49231	1.4952	2.6309	CCV12
147	CCB12	.00010	-.01564	.00013	.00158	-.00039	.00125	.00002	.00100	CCB12
148	I491-01	.00067	6.5295	.55417	-.00328	.05420	4.1763	.25880	1.8767	I491-01
149	I491-02	.00044	2.6094	.36710	-.00243	.05176	2.5425	.21538	1.3394	I491-02
150	I491-03	.00019	2.2677	.29843	-.00264	.04410	1.9767	.13380	.84063	I491-03
151	I491-04	.00034	1.9981	.30736	-.00140	.04916	1.2335	.12762	3.9626	I491-04
152	I491-05	.00009	1.5061	.41384	-.00142	.04815	1.1265	.10638	.54992	I491-05
153	I491-06	.00016	4.1752	.31815	-.00250	.06466	1.9480	.13355	.76614	I491-06
154	ICSA3	.00006	.03034	.00129	-.00172	.00068	.00196	-.00026	.00379	ICSA3
155	ICSAB3	1.0926	86.714	.50515	.94451	.96124	.94860	.47688	1.0219	ICSAB3
156	CCV13	.50813	66.464*	.50207	2.5016	.48142	.48671	1.4682	2.6060	CCV13
157	CCB13	.00007	-.01065	.00018	.00131	-.00047	.00109	.00008	.00740	CCB13
158	IPI056SB	.00016	-.02131	.00021	.00129	.00034	.00039	.00003	.00056	IPI056SB
159	IPI056SL	.47827	52.819	.48107	.50278	.53771	.48853	.48741	.53296	IPI056SL
160	IPI056SC	.47316	52.676	.47988	.50089	.54103	.48678	.48267	.53381	IPI056SC
161	H352-09A	.50316	61.416	.56363	.53209	.52759	5.7041	.69704	.95261	H352-09A
162	H352-09	.00027	5.4872	.07327	.00405	.01405	5.3270	.17709	.42874	H352-09
163	H352-09J	.00005	1.1106	.01523	.00013	.00677	1.0970	.03649	.08219	H352-09J
164	H332-04	.00055	6.6909	.23385	-.00086	.03739	8.2832	.34951	.58915	H332-04
165	H332-15	.00049	12.341	.19059	-.00114	.03569	7.5079	.34396	.54508	H332-15
166	H313-22	.00016	3.0389	.06688	-.00053	.02913	4.7751	.14472	.24044	H313-22
167	CCV14	.50910	65.518	.49594	2.4614	.47647	.49255	1.4809	2.6031	CCV14
168	CCB14	.00012	-.01937	.00004	.00163	-.00001	.00184	.00003	.00050	CCB14

169	I186-01T	-.00005	.01293	.02304	.00100	.00626	.01173	.00463	16.728	I186-01T
170	I186-01M	.04999	5.5618	.07338	.05195	.05493	.05951	.05427	17.225	I186-01M
171	I186-01S	.04965	5.5421	.07304	.05138	.05435	.05896	.05421	17.160	I186-01S
172	I186-02T	.00008	.01988	.03138	.00064	.00587	.00665	.00439	27.275	I186-02T
173	I186-03T	-.00002	.02074	.03229	.00025	.00597	.00631	.00417	18.852	I186-03T
174	I186-04T	-.00010	.02962	.02599	.00024	.00539	.00514	.00313	16.166	I186-04T
175	I186-05T	.00006	.02007	.02495	.00029	.00676	.01258	.00529	18.977	I186-05T
176	I186-06T	-.00023	.02510	.02923	-.00045	.00584	.00871	.00448	21.673	I186-06T
177	I186-07T	-.00015	.02139	.02881	-.00010	.00554	.00798	.00430	22.042	I186-07T
178	I186-08T	-.00012	.02344	.02805	.00005	.00604	.00920	.00428	21.589	I186-08T
179	CCV15	.51203	67.107*	.50554	2.5129	.47933	.48479	1.4685	2.5988	CCV15
180	CCB15	.00007	-.01743	.00011	.00132	-.00005	.00102	.00005	.00020	CCB15
181	I186-09T	-.00001	.02111	.02979	.00028	.00572	.00752	.00414	22.057	I186-09T
182	I186-10T	.00013	.02946	.01505	.00084	.00709	.04847	.00928	53.003*	I186-10T
183	I186-11T	-.00012	.02857	.02857	.00012	.00558	.00626	.00424	22.369	I186-11T
184	I186-12T	-.00009	.01891	.02759	.00005	.00502	.01612	.00525	25.212	I186-12T
185	I186-13T	-.00005	.01844	.03098	.00012	.00596	.00722	.00429	20.468	I186-13T
186	I186-14T	-.00011	.01182	.03361	.00019	.00576	.00957	.00483	16.426	I186-14T
187	I186-15T	-.00001	.01487	.03254	.00058	.00600	.01087	.00475	18.699	I186-15T
188	CCV16	.51119	66.877*	.50468	2.5057	.47731	.48486	1.4690	2.5974	CCV16
189	CCB16	.00011	-.01694	.00008	.00135	-.00021	.00099	.00009	.00015	CCB16
INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID

ID8I021 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	pH	Extract Volume (ml)
01				
02				
03				
04				
05				
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07				
08				
09				
10				
11				
12				
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40				

9-20-10 MC

Book#: EIP-092
Batch: IP1062-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☑ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-20-10	11:00	90°c
END	9-20-10	15:00	90°c

Standards	ID	Amount Added (ml)
LCS-1	SMIA-013-01-28	0.25
LCS-2	" - " - 29	0.25
LCS-3	" - " - 30	0.25
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWIA-04-253	10.0
HCl	" - 221	10.0
H_2O_2 N/A	" - " - 210	10.0
HNO3(1:1) NA	SMSB-02-126	10.0
Digestate Location	MC 9/20/10	TCP
Extract Location		

Comments:

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0 mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0 mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9/20/10

Date endorsed to waste Disposal:

Accepted By:

EMAX LABORATORIES, INC.

DIGESTION LOG FOR METALS BY ICP

PrepBatchID	Lab Sample ID	ExpVol	Aliquot	WtFactor	Unit	DateTime	HotPlate#	pH	ExpVol(ml)	Vd(ml)	Comments
10IPI062W01	IPI062-WB	50	50	1	ml	9/20/10 10:44	E	NA	50	50	
10IPI062W02	IPI062-WL	50	50	1	ml	9/20/10 10:54	E	NA	50	50	
10IPI062W03	IPI062-WC	50	50	1	ml	9/20/10 10:54	E	NA	50	50	
10IPI062W04	I141-23	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W05	I066-04	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W06	I066-05	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W07	I066-06	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W08	I142-22	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W09	I140-17	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W10	I261-01TOT	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W11	I261-02DISS	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W12	I003-02	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W13	I003-03	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W14	I003-04	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W15	I003-06	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W16	I003-07	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W17	I003-07M	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W18	I003-07S	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W19	I003-08	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W20	I107-03	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W21	I107-04	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W22	I107-05	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W23	I050-02	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W24	I050-04	50	50	1	ml	9/20/10 10:54	E	<2	50	50	
10IPI062W25	I032-01	50	50	1	ml	9/20/10 10:54	E	<2	50	50	

MC
9/20/10

Balance ID 10203192 ☐ Balance calibration check was verified prior to use ☑ Digestion Completed 9/20/10 15:00

Prepared By MC Checked By TH Comment

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I066

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 300.0
ANIONS BY IC

A total of six (6) water samples were received on 09/03/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. Results were compliant to project requirement.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI011WL/C were all within QC limits.
Percent recoveries for ICI017WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Samples I066-01, -02, -03 and -06 for Bromide, Nitrate-N and Nitrite-N were initially analyzed at 2x due to strong odor.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : L100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1011WB	ND	1	NA	0.500	0.250	09/03/1020:30	NA	AIC5-38	AIC5-36	IC1011W	NA	NA
LCS1W	IC1011WL	5.22	1	NA	0.500	0.250	09/03/1020:46	NA	AIC5-39	AIC5-36	IC1011W	NA	NA
LCD1W	IC1011WC	5.20	1	NA	0.500	0.250	09/03/1021:02	NA	AIC5-40	AIC5-36	IC1011W	NA	NA
MW-70-PMW06A-A10	1066-04	0.729	1	NA	0.500	0.250	09/03/1022:23	NA	AIC5-45	AIC5-36	IC1011W	09/03/1012:10	09/03/10
MW-70-PMW01A-A10	1066-01	2.80	2	NA	1.00	0.500	09/03/1023:44	NA	AIC5-50	AIC5-48	IC1011W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02	2.54	2	NA	1.00	0.500	09/04/1000:16	NA	AIC5-52	AIC5-48	IC1011W	09/03/1010:13	09/03/10
MW-70-PMW01B-A10	1066-03	2.46	2	NA	1.00	0.500	09/04/1000:49	NA	AIC5-54	AIC5-48	IC1011W	09/03/1010:50	09/03/10
MW-70-PMW06B-A10	1066-05	0.331J	1	NA	0.500	0.250	09/04/1001:21	NA	AIC5-56	AIC5-48	IC1011W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	2.84	2	NA	1.00	0.500	09/04/1002:58	NA	AIC5-62	AIC5-60	IC1011W	09/03/1013:34	09/03/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, OR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : I'00

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1017WB	ND	1	NA	0.200	0.100	09/08/1012:02	NA	A109-03	A109-01	IC1017W	NA	NA
LCS1W	IC1017WL	4.90	1	NA	0.200	0.100	09/08/1012:18	NA	A109-04	A109-01	IC1017W	NA	NA
LCD1W	IC1017WC	4.90	1	NA	0.200	0.100	09/08/1012:34	NA	A109-05	A109-01	IC1017W	NA	NA
MW-70-PMW01A-A10	I066-01	1270	100	NA	20.0	10.0	09/08/1016:53	NA	A109-21	A109-12	IC1017W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	I066-02	1270	100	NA	20.0	10.0	09/08/1017:09	NA	A109-22	A109-12	IC1017W	09/03/1010:13	09/03/10
MW-70-PMW01B-A10	I066-03	1630	100	NA	20.0	10.0	09/08/1017:25	NA	A109-23	A109-12	IC1017W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	I066-04	426	40	NA	8.00	4.00	09/08/1018:14	NA	A109-26	A109-24	IC1017W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	I066-05	318	20	NA	4.00	2.00	09/08/1018:30	NA	A109-27	A109-24	IC1017W	09/03/1012:45	09/03/10
MW-70-38-A10	I066-06	374	40	NA	8.00	4.00	09/08/1018:46	NA	A109-28	A109-24	IC1017W	09/03/1013:34	09/03/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1011WB	ND	1	NA	0.200	0.0500	09/03/1020:30	NA	A105-38	A105-36	IC1011W	NA	NA
LCS1W	IC1011WL	1.92	1	NA	0.200	0.0500	09/03/1020:46	NA	A105-39	A105-36	IC1011W	NA	NA
LCD1W	IC1011WC	1.92	1	NA	0.200	0.0500	09/03/1021:02	NA	A105-40	A105-36	IC1011W	NA	NA
MW-70-PMW06A-A10	1066-04	ND	1	NA	0.200	0.0500	09/03/1022:23	NA	A105-45	A105-36	IC1011W	09/03/1012:10	09/03/10
MW-70-PMW01A-A10	1066-01	ND	2	NA	0.400	0.100	09/03/1023:44	NA	A105-50	A105-48	IC1011W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02	ND	2	NA	0.400	0.100	09/04/1000:16	NA	A105-52	A105-48	IC1011W	09/03/1010:13	09/03/10
MW-70-PMW01B-A10	1066-03	ND	2	NA	0.400	0.100	09/04/1000:49	NA	A105-54	A105-48	IC1011W	09/03/1010:50	09/03/10
MW-70-PMW06B-A10	1066-05	ND	1	NA	0.200	0.0500	09/04/1001:21	NA	A105-56	A105-48	IC1011W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	ND	2	NA	0.400	0.100	09/04/1002:58	NA	A105-62	A105-60	IC1011W	09/03/1013:34	09/03/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	E010110B	ND	1	NA	0.200	0.0500	09/03/10 20:30	NA	A105-38	A105-36	E010110	NA	NA
LCS1W	E010110L	2.04	1	NA	0.200	0.0500	09/03/10 20:46	NA	A105-39	A105-36	E010110	NA	NA
LCS1W	E010110C	2.04	1	NA	0.200	0.0500	09/03/10 21:02	NA	A105-40	A105-36	E010110	NA	NA
MW-70-PMW06A-A10	E066-04	ND	1	NA	0.200	0.0500	09/03/10 22:23	NA	A105-45	A105-36	E010110	09/03/10 12:10	09/03/10
MW-70-PMW01A-A10	E066-01	ND	2	NA	0.400	0.100	09/03/10 23:44	NA	A105-50	A105-48	E101011	09/03/10 10:38	09/03/10
MW-70-PMW01A-A10-D	E066-02	ND	2	NA	0.400	0.100	09/04/10 00:16	NA	A105-52	A105-48	E101011	09/03/10 10:43	09/03/10
MW-70-PMW01B-A10	E066-03	ND	2	NA	0.400	0.100	09/04/10 00:49	NA	A105-54	A105-48	E101011	09/03/10 10:53	09/03/10
MW-70-PMW06B-A10	E066-05	ND	1	NA	0.200	0.0500	09/04/10 01:21	NA	A105-56	A105-48	E101011	09/03/10 12:45	09/03/10
MW-70-38-A10	E066-06	ND	2	NA	0.400	0.100	09/04/10 02:58	NA	A105-62	A105-60	E101011	09/03/10 13:34	09/03/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7D.
Batch No. : 101066

Matrix : WATER
Instrument ID : E400

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFTD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1011WB	ND	1	NA	0.500	0.250	09/03/1020:30	NA	A105-38	A105-36	IC1011W	NA	NA
LCS1W	IC1011WL	4.84	1	NA	0.500	0.250	09/03/1020:46	NA	A105-39	A105-36	IC1011W	NA	NA
LCD1W	IC1011WC	4.85	1	NA	0.500	0.250	09/03/1021:02	NA	A105-40	A105-36	IC1011W	NA	NA
MW-7D-PMW01A-A10	1066-01	34.7	2	NA	1.00	0.500	09/03/1023:44	NA	A105-50	A105-48	IC1011W	09/03/1010:08	09/03/10
MW-7D-PMW01A-A10-D	1066-02	34.8	2	NA	1.00	0.500	09/04/1000:16	NA	A105-52	A105-48	IC1011W	09/03/1010:13	09/03/10
MW-7D-38-A10	1066-06	8.69	2	NA	1.00	0.500	09/04/1002:58	NA	A105-62	A105-60	IC1011W	09/03/1013:34	09/03/10
MBLK2W	IC1017WB	ND	1	NA	0.500	0.250	09/08/1012:02	NA	A109-03	A109-01	IC1017W	NA	NA
LCS2W	IC1017WL	4.75	1	NA	0.500	0.250	09/08/1012:18	NA	A109-04	A109-01	IC1017W	NA	NA
LCD2W	IC1017WC	4.75	1	NA	0.500	0.250	09/08/1012:34	NA	A109-05	A109-01	IC1017W	NA	NA
MW-7D-PMW01B-A10	1066-03	298	100	NA	50.0	25.0	09/08/1017:25	NA	A109-23	A109-12	IC1017W	09/03/1010:50	09/03/10
MW-7D-PMW06A-A10	1066-04	481	40	NA	20.0	10.0	09/08/1018:14	NA	A109-26	A109-24	IC1017W	09/03/1012:10	09/03/10
MW-7D-PMW06B-A10	1066-05	283	20	NA	10.0	5.00	09/08/1018:30	NA	A109-27	A109-24	IC1017W	09/03/1012:45	09/03/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1IC066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1011WB IC1011WL IC1011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: IC1011W IC1011W IC1011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.22	104	5.00	5.20	104	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1017WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.90	98	5.00	4.90	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1011WB IC1011WL IC1011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: IC1011W IC1011W IC1011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.92	96	2.00	1.92	96	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: 101011WB 101011WL 101011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: 101011W 101011W 101011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.04	102	2.00	2.04	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1011WB IC1011WL IC1011WC
LAB FILE ID: A105-38 A105-39 A105-40
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/03/1020:30 09/03/1020:46 09/03/1021:02 DATE RECEIVED: NA
PREP. BATCH: IC1011W IC1011W IC1011W
CALIB. REF: A105-36 A105-36 A105-36

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.84	97	5.00	4.85	97	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1017WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.75	95	5.00	4.75	95	0	90-110	20

INITIAL CALIBRATION

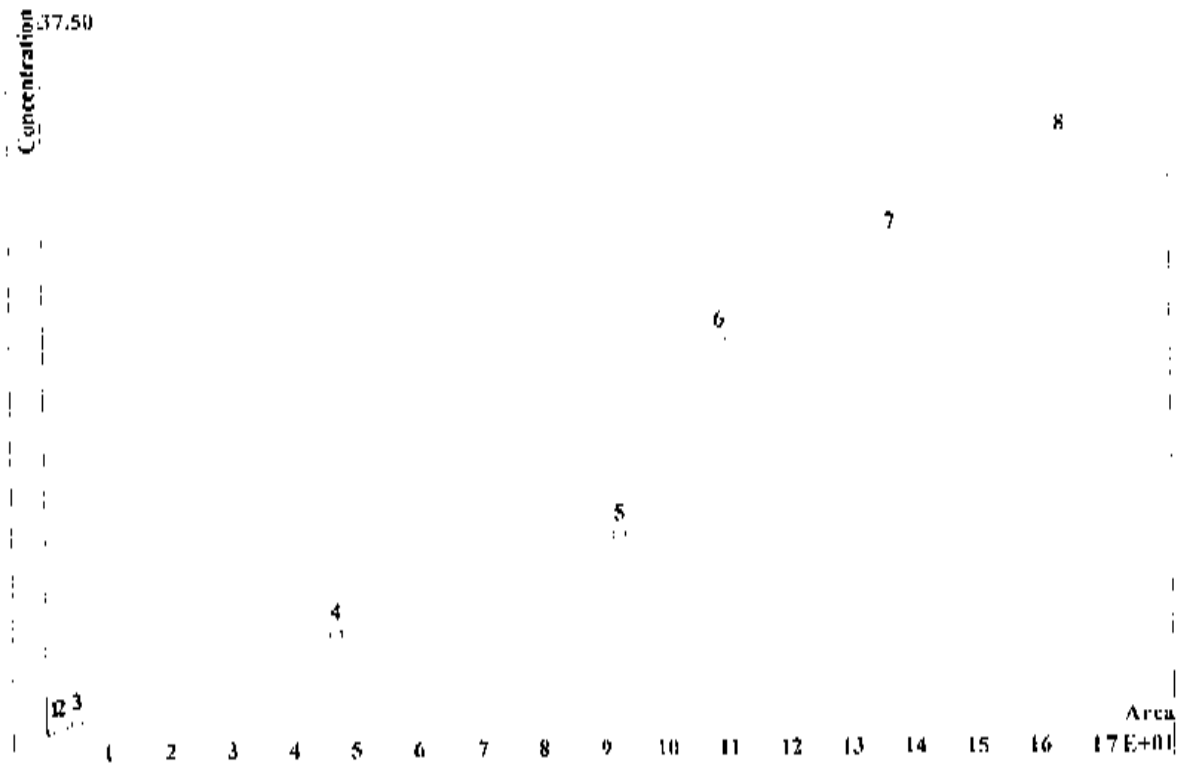
IC Result Check Conversion : I01/A101

LFID	LS10	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	sulfate	RowNo	P
A101-01	IB	FCIBNPS	0	0	0	0	0	0	0	u9011506	1
A101-02	SC	FCIBNPS	0	0	0	0	0	0	0	u9011522	1
A101-03	S1	FCIBNPS	0.0566427	0.104476	0.0643125	0.0980786	0.0431625	0.120695	0.139316	u9011538	1
A101-04	S2	FCIBNPS	0.165054	0.20044	0.169521	0.195039	0.142891	0.217759	0.237667	u9011554	1
A101-05	S3	FCIBNPS	0.488577	0.489757	0.488502	0.490103	0.440234	0.488697	0.525698	u9011610	1
A101-06	S4	FCIBNPS	5.18977	4.9792	5.1591	5.03262	5.02727	4.94658	4.93295	u9011626	1
A101-07	S5	FCIBNPS	9.90196	10.0255	9.91856	9.98416	10.1451	10.0263	9.94209	u9011643	1
A101-08	S6	FCIBNPS	18.29	20.0255	18.3817	11.7608	20.1535	19.9581	19.9782	u9011659	1
A101-09	S7	FCIBNPS	22.1356	24.9825	22.2135	14.7964	25.0264	24.8267	25.0022	u9011715	1
A101-10	S8	FCIBNPS	25.7804	29.9926	25.8397	17.768	29.8213	29.7084	30.042	u9011731	1
A101-11	ICV	FCIBNPS	105%	96.6%	104.1%	95.7%	99.3%	97.3%	96.7%	u9011758	1
A101-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9011815	1

[illegible]

[illegible] CALIBRATION OF COMPONENT [illegible]

Method: IC100-101.mtw
Equation: [illegible]
RSD: 0.694 %
Correlation coefficient: 0.999990



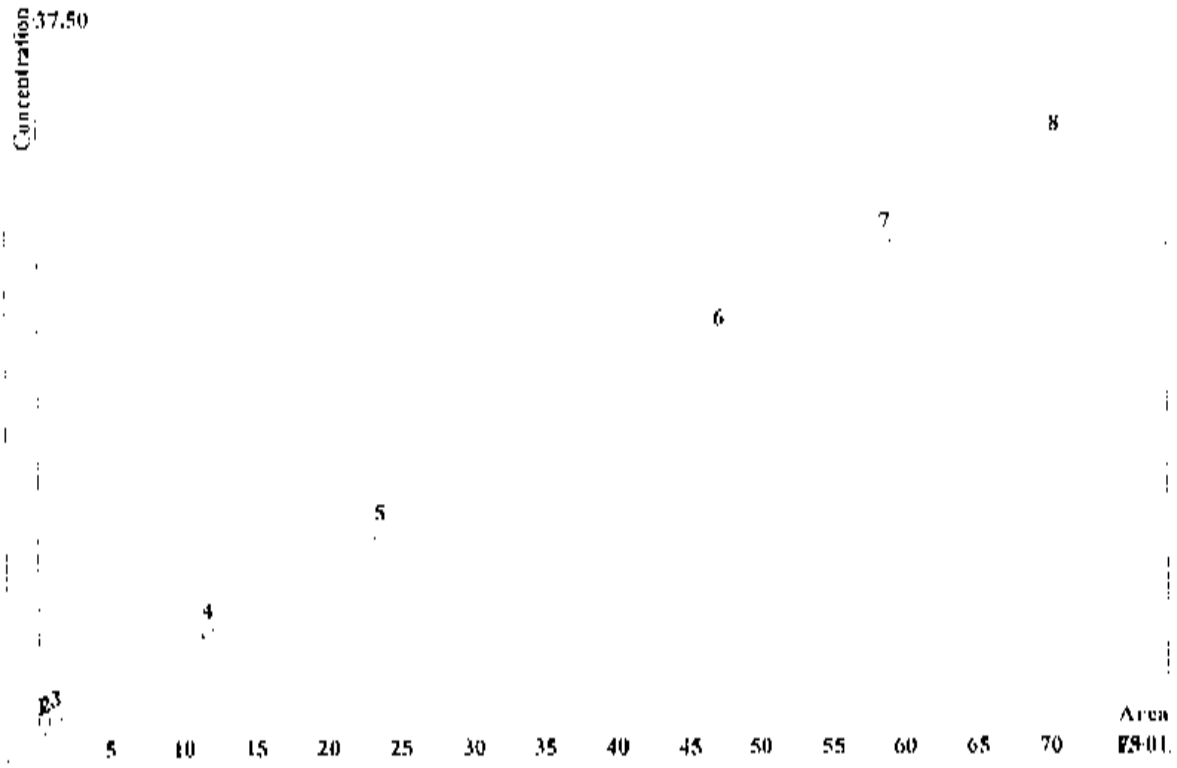
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/02/10

CALIBRATION OF COMPONENT chloride

Method: IC10- 101.mtw
Const.Cor. y = 0.042441 x [illegible]
RSD: [illegible] %
Correlation coefficient = 0.999999



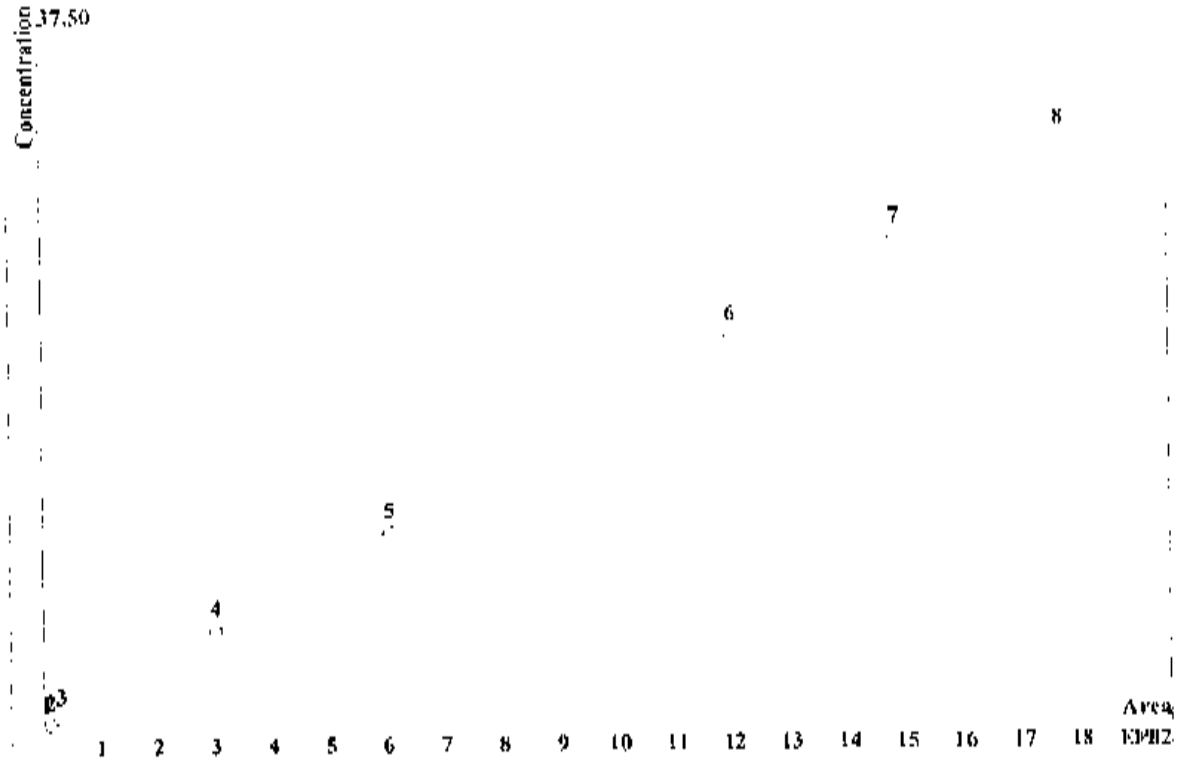
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AS
9/02/10

"A. CALIBRATION OF COMPONENT" [illegible]

Method: IC100 I01.mtw
Equation: 1 C.0168581*A [illegible]
RT: [illegible]
Correlation coefficient: [illegible]



K3 = 0 K2 = 0 K1 = 0.0168581 K0 -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

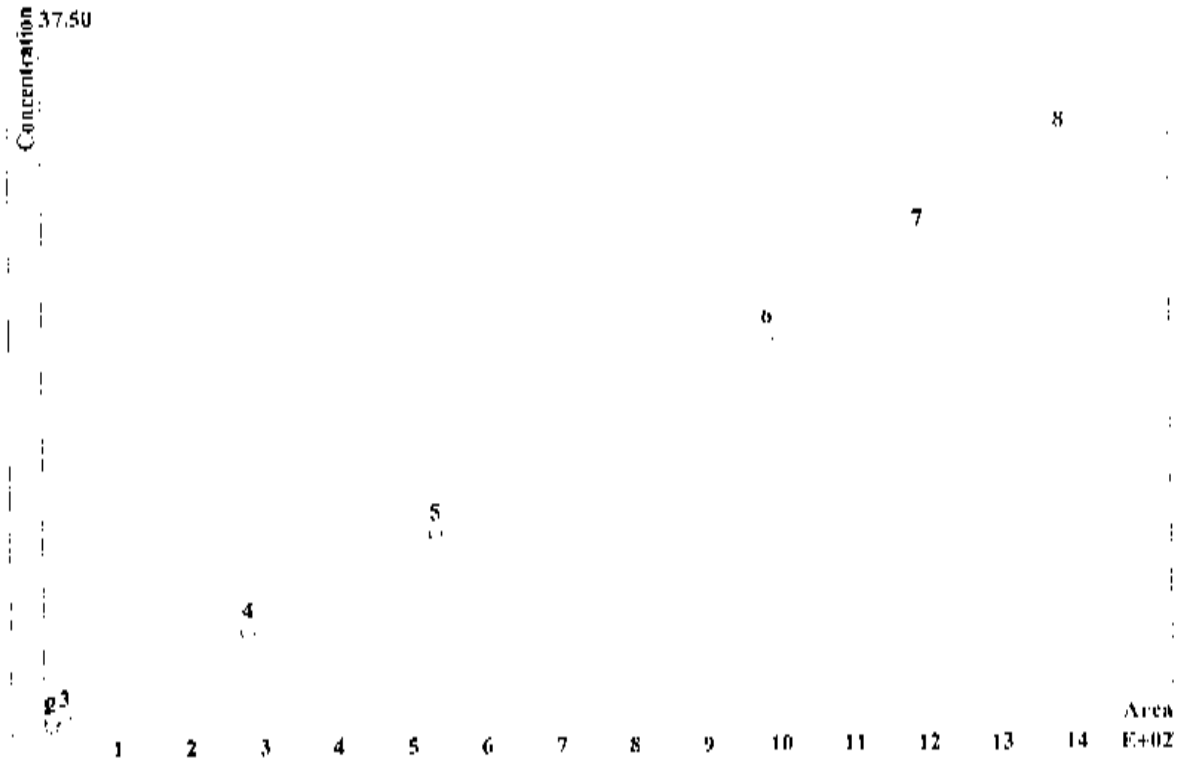
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

kd
9/2/10

CALIBRATION OF COMPONENTS [illegible]

Method: TC100-101.mtw
Equation: [illegible]
[illegible]
Correlation coefficient: 0.99977



K3 = 0 K2 = 0 K1 = 0.0186684 K0 0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

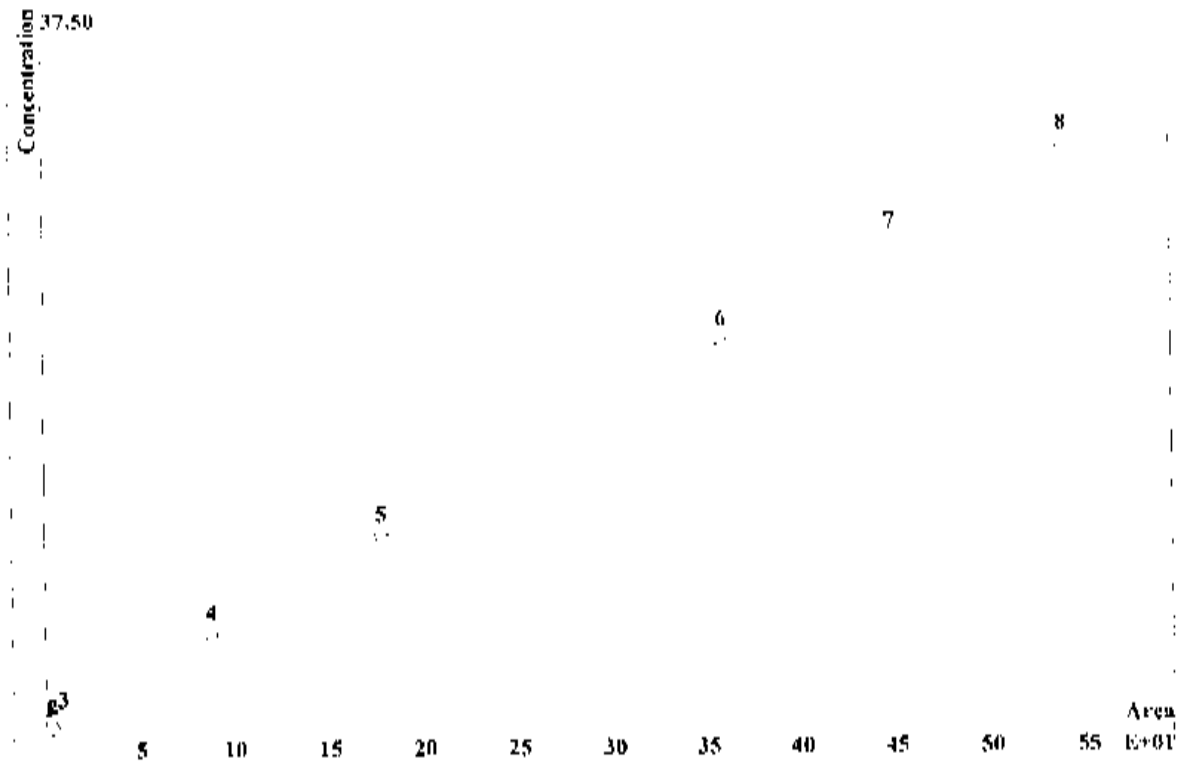
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AA
09/04/10

CALIBRATION OF COMPONENT [illegible]

Method: I0100-.01.mtw
Equation: [illegible]
[illegible]
Correlation coefficient: [illegible]



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Basa: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

✓

RS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : [01/A101]

LFID	LCH	Selection	bromide	chloride	sulfate	nitrate	nitrite	orthophosphate	fluoride	RawNetL	DI
A101-01	1B	BCSNIPF	0	0	0	0	0	0	0	09011566	.
A101-11	1C5	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	09011758	1
A101-12	1C6	BCSNIPF	0	0	0	0	0	0	0	09011815	

AS
9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : I01/A101

IFID	ISID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
A105-01	CCV29	SCPNFIB	96.6%	99.9%	101.9%	93.8%	103.8%	101.3%	105.2%	u9031032	1
A105-02	CCB29	SCPNFIB	0	0	0	0	0	0	0	u9031048	1
A105-13	CCV31	SCPNFIB	97.1%	100.5%	101.9%	94.5%	104.1%	101.7%	106.7%	u9031346	1
A105-14	CCB31	SCPNFIB	0	0	0	0	0	0	0	u9031402	1
A105-24	CCV33	SCPNFIB	97%	100.7%	103.9%	94.6%	103.9%	101.8%	106.7%	u9031644	1
A105-25	CCB33	SCPNFIB	0	0	0	0	0	0	0	u9031700	1
A105-36	CCV35	SCPNFIB	97%	100.6%	103.3%	94.5%	103.9%	101.9%	106.5%	u9031958	1
A105-37	CCB35	SCPNFIB	0	0	0	0	0	0	0	u9032014	1
A105-48	CCV37	SCPNFIB	97.1%	100.5%	101.8%	94.4%	103.4%	101.8%	106.7%	u9032312	1
A105-49	CCB37	SCPNFIB	0	0	0	0	0	0	0	u9032328	1
A105-60	CCV39	SCPNFIB	97.9%	100.3%	101%	94.2%	103.3%	101.7%	106.3%	u9040225	1
A105-61	CCB39	SCPNFIB	0	0	0	0	0	0	0	u9040242	1
A105-69	CCV41	SCPNFIB	97.5%	100.8%	101.8%	94.5%	103.9%	102.1%	106.6%	u9040451	1
A105-70	CCB41	SCPNFIB	0	0	0	0	0	0	0	u9040507	1

IC Result Check FormVersion : 101 /AI01

IFID	ISID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI09-01	CCV57	SCPNFIB	93.6%	97.7%	97.1%	92.2%	103%	98.5%	101.4%	u9081130	1
AI09-02	CCB57	SCPNFIB	0	0	0	0	0	0	0	u9081146	1
AI09-12	CCV59	SCPNFIB	95.1%	98.8%	100.5%	95.1%	102.9%	100%	103.2%	u9081427	1
AI09-13	CCB59	SCPNFIB	0	0	0	0	0	0	0	u9081443	1
AI09-24	CCV61	SCPNFIB	95.3%	99%	99%	93.4%	102.7%	100%	103.1%	u9081741	1
AI09-25	CCB61	SCPNFIB	0	0	0	0	0	0	0	u9081757	1
AI09-29	CCV63	SCPNFIB	94.9%	98.6%	99.5%	92.9%	102.5%	99.6%	102.7%	u9081902	1
AI09-30	CCB63	SCPNFIB	0	0	0	0	0	0	0	u9081918	1
AI09-40	CCV65	SCPNFIB	95.2%	98.7%	101.3%	93%	103.1%	99.7%	102.8%	u9082200	1
AI09-41	CCB65	SCPNFIB	0	0	0	0	0	0	0	u9082216	1
AI09-50	CCV67	SCPNFIB	95.7%	99.2%	99.5%	93.5%	103.2%	100%	103.5%	u9090041	1
AI09-51	CCB67	SCPNFIB	0	0	0	0	0	0	0	u9090058	1
AI09-62	CCV69	SCPNFIB	95.5%	99.2%	102.7%	93.4%	102.9%	100.2%	104%	u9090355	1
AI09-63	CCB69	SCPNFIB	0	0	0	0	0	0	0	u9090412	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

Stock 01-173 (320 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL
Stock 01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant

Stock 01-161 (concentrated H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100-101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX 300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	SI18-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/20

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info
[illegible]	IC100-151 [illegible]	A151-01 B2	1	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-151 [illegible]	A151-02 S0	2	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-151 [illegible]	A151-03 S1	3	1.0	1.0	1.0	100.0	1		
[illegible]	IC100-151 [illegible]	A151-04 S2	4	1.0	1.0	1.0	100.0	2		
[illegible]	IC100-151 [illegible]	A151-05 S3	5	1.0	1.0	1.0	100.0	3		
[illegible]	IC100-151 [illegible]	A151-06 S4	6	1.0	1.0	1.0	100.0	4		
[illegible]	IC100-151 [illegible]	A151-07 S5	7	1.0	1.0	1.0	100.0	5		
[illegible]	IC100-151 [illegible]	A151-08 S6	8	1.0	1.0	1.0	100.0	6		
[illegible]	IC100-151 [illegible]	A151-09 S7	9	1.0	1.0	1.0	100.0	7		
[illegible]	IC100-151 [illegible]	A151-10 S8	10	1.0	1.0	1.0	100.0	8		
[illegible]	IC100-151 [illegible]	A151-11 ICI	11	1.0	1.0	1.0	100.0	0		
[illegible]	IC100-151 [illegible]	A151-12 ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A100-[illegible]
Method File:	[illegible]
Analytical Batch:	[illegible]

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SIB-16-6-1
ICV	↓ -3
CCV	SIB-16-7-3
LCS	SIB-16-8-1
MS	[illegible]

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC METROHM	
☐	

I- Eluent:

SIB-01-172 (3 [illegible] Na_2CO_3/100 mM $NaHCO_3$) 20 mL

SIB-01-173 (100 mM $NaHCO_3$) 12 mL

I- Regenerant

SIB-01-150 (100 mM H_2SO_4)

Date: 9/3/10

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	5.0	1.0	100.0	0		

FINAL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	59	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	64	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	65	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	66	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	67	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	68	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	69	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	70	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

IC Eluent:

SW4-01-173 (520mM Na_2CO_3/110mM $NaHCO_3$) 20mL

SW4-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SW4-01-180 (100mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	AI09
Method File:	IC100-101.mtw
Analytical Batch:	IC101 7W; IC101 9W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	↓ -3
CCV	SI18-15-9-1
LCS	SI18-15-9-2
MS	Accu Spec F(NO2, NO3-(ppm)) Cl(8-), PO4 3-, SO4 2-(Spec)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/8/10

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	5.0	1.0	100.0	0		

FINAL

F2

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	5.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible]	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	1.0	1.0	100.0	0		

[illegible] 9/9/14

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I066

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of six (6) water samples were received on 09/03/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCI016WL/C were all within QC limits.
Percent recoveries for HCI018WX/C were all within QC limits.
Percent recoveries for HCI026WX/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : T106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	20.5	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	20.5	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-PMW06A-A10	1066-04	ND	1	NA	1.00	0.500	09/17/1000:28	NA	H116009	H116001	HC1016W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	1066-05	ND	1	NA	1.00	0.500	09/17/1001:34	NA	H116010	H116001	HC1016W	09/03/1012:45	09/03/10
MW-70-38-A10	1066-06	25.1	1	NA	1.00	0.500	09/17/1002:40	NA	H116011	H116001	HC1016W	09/03/1013:34	09/03/10
MBLK2W	HC1018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	H120003	H120001	HC1018W	NA	NA
LCS2W	HC1018WX	21.1	1	NA	1.00	0.500	09/20/1020:01	NA	H120009	H120001	HC1018W	NA	NA
LCD2W	HC1018WC	20.4	1	NA	1.00	0.500	09/20/1016:20	NA	H120005	H120001	HC1018W	NA	NA
MW-70-PMW01A-A10	1066-01	832	50	NA	50.0	25.0	09/20/1016:41	NA	H120006	H120001	HC1018W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	1066-02	845	50	NA	50.0	25.0	09/20/1020:22	NA	H120010	H120001	HC1018W	09/03/1010:13	09/03/10
MBLK3W	HC1026WB	ND	1	NA	1.00	0.500	09/27/1015:02	NA	H127003	H127001	HC1026W	NA	NA
LCS3W	HC1026WX	20.6	1	NA	1.00	0.500	09/28/1010:05	NA	H127011	H127001	HC1026W	NA	NA
LCD3W	HC1026WC	20.5	1	NA	1.00	0.500	09/27/1015:44	NA	H127005	H127001	HC1026W	NA	NA
MW-70-PMW01B-A10	1066-03	121	10	NA	10.0	5.00	09/27/1020:43	NA	H127010	H127001	HC1026W	09/03/1010:50	09/03/10

METHOD 300.0(N)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : I'06

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI'6001	HCI016W	NA	NA
LCS1W	HCI016WC	19.3	1	NA	1.00	0.500	09/16/'020:28	NA	HI16004	HI16001	HCI016W	NA	NA
LCD1W	HCI016WC	19.3	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HCI016W	NA	NA
MW-70-PMWD1B-A10	I066-03	3.77	1	NA	1.00	0.500	09/16/'023:22	NA	HI16008	HI16031	HCI016W	09/03/1310:50	09/03/'0
MW-70-PMWC6A-A10	I066-04	ND	1	NA	1.00	0.500	09/17/'000:28	NA	HI16009	HI16031	HCI016W	09/03/1312:10	09/03/'0
MW-70-PMWC6B-A10	I066-05	ND	1	NA	1.03	0.500	09/17/'001:34	NA	HI16010	HI16031	HCI016W	09/03/1012:45	09/03/10
MW-70-38-A10	I066-06	ND	1	NA	'.03	0.500	09/17/'002:40	NA	HI16011	HI16031	HCI016W	09/03/1013:34	09/03/'0
MBLK2W	HCI026WB	ND	1	NA	'.03	0.500	09/27/'015:02	NA	HI27003	HI27031	HCI026W	NA	NA
LCS2W	HCI026WX	19.8	1	NA	'.03	0.500	09/28/'010:05	NA	HI27011	HI27031	HCI026W	NA	NA
LCD2W	HCI026WC	19.4	1	NA	'.03	0.500	09/27/'015:44	NA	HI27005	HI27031	HCI026W	NA	NA
MW-70-PMWD1A-A10	I066-01	57.3	4	NA	4.00	2.00	09/27/1018:37	NA	HI27008	HI27001	HCI026W	09/03/1010:08	09/03/10
MW-70-PMWD1A-A10-D	I066-02	53.6	4	NA	4.00	2.00	09/27/1019:43	NA	HI27009	HI27001	HCI026W	09/03/1010:13	09/03/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.6	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	19.6	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW01A-A10	I066-01	ND	1	NA	1.00	0.500	09/16/1021:10	NA	HI16006	HI16001	HC1016W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	I066-02	ND	1	NA	1.00	0.500	09/16/1022:16	NA	HI16007	HI16001	HC1016W	09/03/1010:13	09/03/10
MW-70-PMW019-A10	I066-03	ND	1	NA	1.00	0.500	09/16/1023:22	NA	HI16008	HI16001	HC1016W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	I066-04	ND	1	NA	1.00	0.500	09/17/1000:28	NA	HI16009	HI16001	HC1016W	09/03/1012:10	09/03/10
MW-70-PMW069-A10	I066-05	ND	1	NA	1.00	0.500	09/17/1001:34	NA	HI16010	HI16001	HC1016W	09/03/1012:45	09/03/10
MW-70-3B-A10	I066-06	ND	1	NA	1.00	0.500	09/17/1002:40	NA	HI16011	HI16001	HC1016W	09/03/1013:34	09/03/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101066

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HCI016W	NA	NA
LCS1W	HCI016WL	20.2	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HCI016W	NA	NA
LCD1W	HCI016WC	20.2	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HCI016W	NA	NA
MW-70-PMW01B-A10	I066-03	9.32	1	NA	1.00	0.500	09/16/1023:22	NA	HI16008	HI16001	HCI016W	09/03/1010:50	09/03/10
MW-70-PMW06A-A10	I066-04	ND	1	NA	1.00	0.500	09/17/1000:28	NA	HI16009	HI16001	HCI016W	09/03/1012:10	09/03/10
MW-70-PMW06B-A10	I066-05	ND	1	NA	1.00	0.500	09/17/1001:34	NA	HI16010	HI16001	HCI016W	09/03/1012:45	09/03/10
MW-70-38-A10	I066-06	ND	1	NA	1.00	0.500	09/17/1002:40	NA	HI16011	HI16001	HCI016W	09/03/1013:34	09/03/10
MBLK2W	HCI018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	HI20003	HI20001	HCI018W	NA	NA
LCS2W	HCI018WX	20.8	1	NA	1.00	0.500	09/20/1020:01	NA	HI20009	HI20001	HCI018W	NA	NA
LCD2W	HCI018WC	20.0	1	NA	1.00	0.500	09/20/1016:20	NA	HI20005	HI20001	HCI018W	NA	NA
MW-70-PMW01A-A10	I066-01	546	50	NA	50.0	25.0	09/20/1016:41	NA	HI20006	HI20001	HCI018W	09/03/1010:08	09/03/10
MW-70-PMW01A-A10-D	I066-02	565	50	NA	50.0	25.0	09/20/1020:22	NA	HI20010	HI20001	HCI018W	09/03/1010:13	09/03/10

QC SUMMARIES

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101366
METHOD: METHOD 300.0(N)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC10164B HC10164L HC10164C
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC10164 HC10164 HC10164
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101056
METHOD: METHOD 300.0(H)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HC1018WB	HC1018WX	HC1018WC		
LAB FILE ID:	H120003	H120009	H120005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/20/1015:38	09/20/1020:01	09/20/1016:20	DATE RECEIVED:	NA
PREP. BATCH:	HC1018W	HC1018W	HC1018W		
CALIB. REF:	H120001	H120001	H120001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	21.1	105	20.0	20.4	102	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 101066
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK3W
LAB SAMP ID: HC1026WB HC1026WD HC1026WC
LAB FILE ID: H127003 H127011 H127005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/27/1015:02 09/28/1010:05 09/27/1015:44 DATE RECEIVED: NA
PREP. BATCH: HC1026W HC1026W HC1026W
CALIB. REF: H127001 H127001 H127001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.6	103	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0(M)

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016WB HC1016WL HC1016WC
LAB FILE ID: H16003 H16004 H16005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H16001 H16001 H16001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.3	96	20.0	19.3	96	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1C1066
METHOD: METHOD 300.0(N)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKZW
LAB SAMP ID: HC1026WB HC1026WC HC1026WD
LAB FILE ID: H127003 H127004 H127005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/27/1015:02 09/28/1010:05 09/27/1015:44 DATE RECEIVED: NA
PREP. BATCH: HC1026W HC1026W HC1026W
CALIB. REF: H127001 H127001 H127001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.8	99	20.0	19.4	97	2	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0(M)

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HCI016MB HCI016ML HCI016MC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1023:49 DATE RECEIVED: NA
PREP. BATCH: HCI016W HCI016W HCI016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	19.6	98	0	90-110	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0(M)

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: HC1016MB HC1016WL HC1016WC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101066
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HCIC18WB	HCI018WD	HCI018WC		
LAB FILE ID:	H120003	H120009	H120005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/20/1015:38	09/20/1020:01	09/20/1016:20	DATE RECEIVED:	NA
PREP. BATCH:	HCI018W	HCI018W	HCIC18W		
CALIB. REF:	H120001	H120001	H120001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.8	104	20.0	20.0	100	4	90-110	20

Instr.Information

System	tpc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

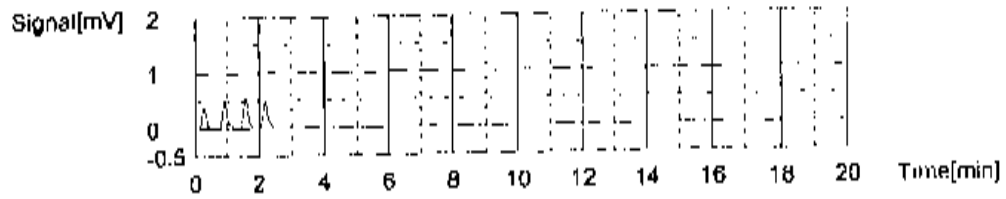
Sample Name:	ICAL
Sample ID.	TCI004-01
Cal. Curve:	TCI004.2010_09_17 13 41 00.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.3859	50uL	1	------		09/17/10 01:48:07 PM
2	0.4875	50uL	1	------		09/17/10 01:48:55 PM
3	0.5380	50uL	1	------		09/17/10 01:49:43 PM
4	0.4884	50uL	1	------		09/17/10 01:50:32 PM

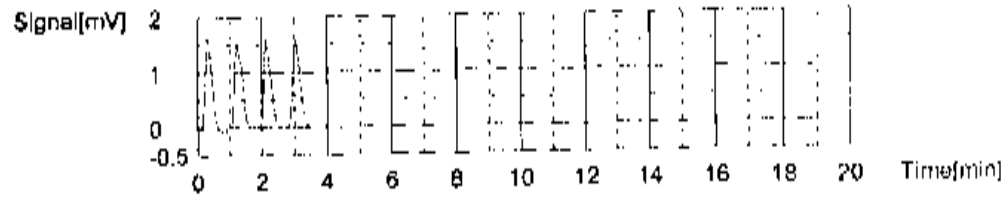
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.4749



Conc: 1.000mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.394	50uL	10	------		09/17/10 01:58:39 PM
2	2.589	50uL	10	------		09/17/10 01:59:45 PM
3	2.350	50uL	10	------		09/17/10 02:00:50 PM
4	2.346	50uL	10	------		09/17/10 02:01:54 PM

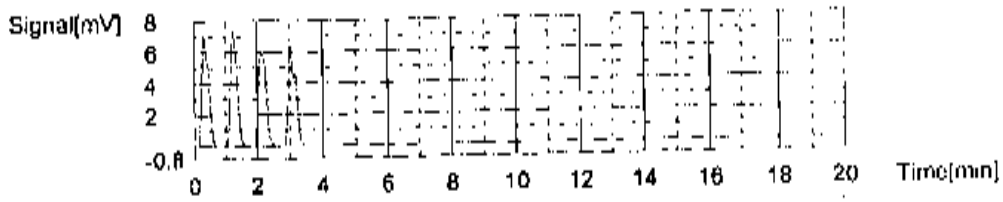
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.421



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.86	50uL	2	------		09/17/10 02:08:04 PM
2	11.07	50uL	2	------		09/17/10 02:09:09 PM
3	10.38	50uL	2	------		09/17/10 02:10:15 PM
4	10.39	50uL	2	------		09/17/10 02:11:22 PM

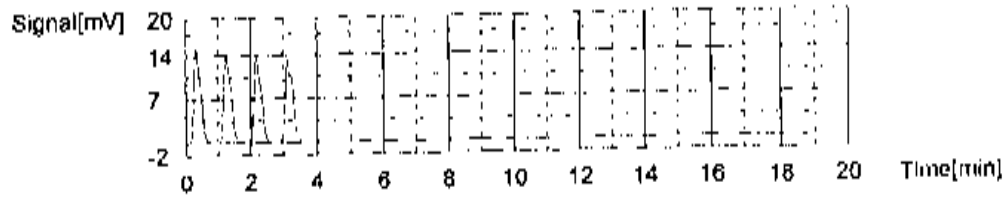
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.66



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.88	50uL	1	------		09/17/10 02:16:52 PM
2	21.66	50uL	1	------		09/17/10 02:18:00 PM
3	21.72	50uL	1	------		09/17/10 02:19:07 PM
4	21.25	50uL	1	------		09/17/10 02:20:16 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 21.63



Conc: 40.00mg/L

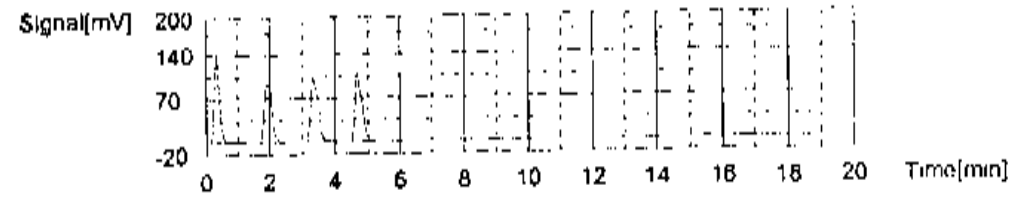
No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.01	50uL	2	------		09/17/10 02:28:40 PM
2	85.02	50uL	2	------		09/17/10 02:30:09 PM
3	79.27	50uL	2	------		09/17/10 02:31:35 PM
4	76.63	50uL	2	------		09/17/10 02:33:04 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 81.06

Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	166.7	50uL	1	------		09/17/10 02:39:12 PM
2	164.1	50uL	1	------		09/17/10 02:40:50 PM
3	168.3	50uL	1	------		09/17/10 02:42:22 PM
4	167.0	50uL	1	------		09/17/10 02:43:56 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 166.5



Slope 2.067
Intercept 0.000
r^2 0.999772

Control Sample

Sample Name: ICV
Sample ID: TCI004-02
Method: TCI004.tpl
Chk. Result Control value: 25.13 / Control exceeds range!

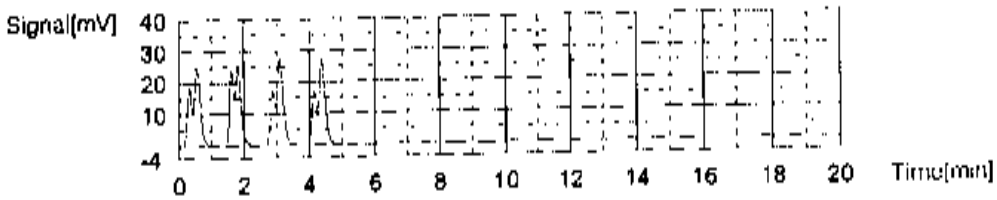
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.13mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex	Cal. Curve	Date / Time
1	51.84	25.07mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:51:59 PM
2	53.34	25.80mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:53:26 PM
3	51.92	25.11mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:54:53 PM
4	50.71	24.53mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:56:22 PM

Mean Area 51.95
Mean Conc. 25.13mg/L



Sample

Sample Name: ICB
Sample ID: TCI004-03
Origin: TCI004.cal
Chk. Result

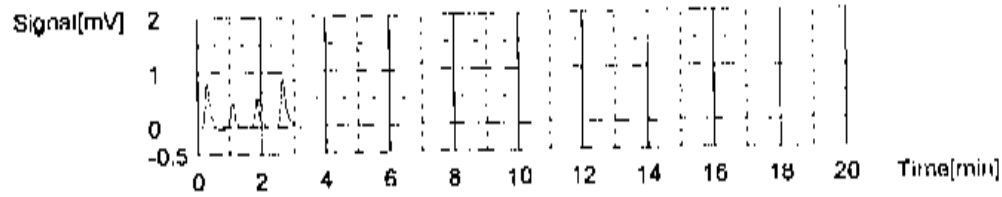
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3574mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.9609	0.4648mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:03:41 PM
2	0.4760	0.2302mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:04:38 PM
3	0.4978	0.2408mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:05:36 PM
4	1.021	0.4938mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:06:39 PM

Mean Area 0.7389
Mean Conc 0.3574mg/L



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PROJECT: NWS SEAL BEACH, IR SITE 70.

SDG: 10I075

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** - Not Requested

LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 09-29-2010
EMAX Batch No.: 101075

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miralomo Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/07/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PMW04A-A10	1075-01	09/07/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW04B-A10	1075-02	09/07/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-9/7/10	1075-03	09/07/10	WATER	VOLATILE ORGANICS BY GC/MS

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PMW048-A10MS	1075-02M	09/07/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PMW048-A10MSD	1075-02S	09/07/10	WATER	DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				TOTAL ORGANIC CARBON
MW-70-PMW048-A100UP	1075-02D	09/07/10	WATER	ANIONS BY IC
				ORGANIC ACIDS BY IC
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely Yours,

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS.0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. * 10 I075
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@IGCI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC
ADDRESS: 300 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; WP=Wipes; PP=Pure Product; AIR=Air; Other

PRESERVATIVE CODE: IC=Ice; HC=HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. GAS (RSK 175); ANIONS/TDS/ALK/VFA (300.0, 25.0B, 25.0B, 300.0B); TOC (5310B); PO_4's (4500P); DISS. METAL (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

	LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HC	UP	HC	UP	HN	COMMENTS
1	1	MW-70-PMW04A-A10	In 70	9/7/10	1035	10	VARIES	VARIES	GW	III	X	X	X	X	X	X	
2	1	MW-70-PMW04B-A10	↓	↓	1150	30	↓	↓	↓	↓	X	X	X	X	X	X	MS/MSD
		~~MW-70-PMW05A-A10~~	↓	↓		~~10~~	↓	↓	↓	↓	X	X	X	X	X	X	~~WELL NOT SAMPLED DURGRAD~~
		~~MW-70-PMW05B-A10~~	~~In 70~~	~~9/7/10~~		~~10~~	~~VARIES~~	~~VARIES~~	~~GW~~	~~III~~	X	X	X	X	X	X	~~WELL NOT SAMPLED DURGRAD~~
3	1	TB-9/7/10	In 70	9/7/10	0700	2	40mL	VOA	GW	III	X						TRIP BLANK
	6																
	7																
	8																
	9																
	0																

Instructions

Cooler #	Temp. (°C)
1	2.5

Sample #s

SAMPLER: CHASE BROGDON
COURIER/AIRBILL: Keith Emax

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[illegible]	9/7/10	1435	Keith Stout	9/7/10	1435
Keith Stout	9/7/10	1525	[illegible]		

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	SGS CAC	LCN 10-2075
☐ Client Delivery		Recipient I. PATEL
☐ Third Party		Date 9-7-10
		Time 1505

COC Inspection

☑ Client Name	☑ Client PM/PC	☑ Sampler Name	☑ Sampling Date/Time/Location	☑ Sample ID	☑ Matrix
☑ Address	☑ Tel # / Fax #	☑ Sampler Signature	☑ Analysis Required	☑ Preservative (if any)	☑ TAT
Safety Issues	☑ None	☐ High concentrations expected	☐ Suspected Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☑ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Paperwrap	☑ Sufficient	☑ Plastic Bag
Temperatures (Cool, <6 °C but not frozen)	☑ Cooler 2 2.5 °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C	☐ Cooler 6 ____ °C
	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C	

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling: [signature] Date 9-7-10

SRF: [signature] Date 9/7/10

PM: LP for YC Date 9/8/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instructions
A4		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble >6 mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I075

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of three (3) water samples were received on 09/07/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I06L/C were all within QC limits.
Percent recoveries for VO94I07L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I075-02M/S were within project QC limits.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in samples I075-01 and 02 because of improper integration. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10IC75
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-094

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094IC6D	1	NA	09/08/1020:05	09/08/1020:05	RID116	RHD320	V094106	Method Blank
LCS1W	V094I06L	1	NA	09/08/1017:00	09/08/1017:00	RID111	RHD320	V094106	Lab Control Sample (LCS)
LCD1W	V094I06C	1	NA	09/08/1017:37	09/08/1017:37	RID112	RHD320	V094106	LCS Duplicate
TB-9/7/10	I075-03	1	NA	09/08/1020:42	09/08/1020:42	RID117	RHD320	V094106	Field Sample
MW-70-PMW04A-A10	I075-01	1	NA	09/09/1002:13	09/09/1002:13	RID126	RHD320	V094106	Field Sample
MBLK2W	V094I07D	1	NA	09/09/1014:09	09/09/1014:09	RID139	RHD320	V094107	Method Blank
LCS2W	V094I07L	1	NA	09/09/1011:36	09/09/1011:36	RID135	RHD320	V094107	Lab Control Sample (LCS)
LCD2W	V094I07C	1	NA	09/09/1012:14	09/09/1012:14	RID136	RHD320	V094107	LCS Duplicate
MW-70-PMW04A-A10DL	I075-01F	25	NA	09/09/1019:06	09/09/1019:06	RID147	RHD320	V094107	Diluted Sample
MW-70-PMW04B-A10DL	I075-02F	25	NA	09/09/1019:41	09/09/1019:41	RID148	RHD320	V094107	Diluted Sample
MW-70-PMW04B-A10	I075-02R	1	NA	09/09/1020:19	09/09/1020:19	RID149	RHD320	V094107	Field Sample
MW-70-PMW04B-A10MS	I075-02M	1	NA	09/09/1020:56	09/09/1020:56	RID150	RHD320	V094107	Matrix Spike Sample (MS)
MW-70-PMW04B-A10MSD	I075-02S	1	NA	09/09/1021:32	09/09/1021:32	RID151	RHD320	V094107	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 10I075	Date Extracted:	09/09/10 02:13
Sample ID:	MW-70-PMW04A-A10	Date Analyzed:	09/09/10 02:13
Lab Samp ID:	1075-01	Dilution Factor:	1
Lab File ID:	RI0126	Matrix	: WATER
Ext Batch ID:	VD94106	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T 094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.35J	1.0	0.20
1,1-DICHLOROETHENE	3.3	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	6.1J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.85J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	400E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	3.4	1.0	0.20
TRICHLOROETHENE	12	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	31	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101075	Date Extracted:	09/09/10 19:06
Sample ID:	MW-70-PMW04A-A10010	Date Analyzed:	09/09/10 19:06
Lab Samp ID:	1075-01T	Dilution Factor:	25
Lab File ID:	R10147	Matrix	: WATER
Ext.Btch ID:	V094107	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	ND	12	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	12	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	5.0
1,2,3-TRICHLOROPROPANE	ND	25	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	ND	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3-DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	450	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS-1,2-DICHLOROETHENE	ND	25	5.0
TRICHLOROETHENE	12J	120	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	36	12	5.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	90	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 7D.	Date Received:	09/07/10
Batch No.	: 10I075	Date Extracted:	09/09/10 20:19
Sample ID:	MW-70-PMW04B-A10	Date Analyzed:	09/09/10 20:19
Lab Samp ID:	1075-02R	Dilution Factor:	1
Lab File ID:	RID149	Matrix	: WATER
Ext Btch ID:	V094I07	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON 113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.89J	1.0	0.20
1,1-DICHLOROETHENE	12	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.50
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.34J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	750E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	19	1.0	0.20
TRICHLOROETHENE	12	5.0	0.20
TRICHLOROFLUOROMETHANE	0.48J	2.0	0.50
VINYL CHLORIDE	1.3	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	97	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	102	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 1U1075	Date Extracted:	09/09/10 19:41
Sample ID:	MW-70-PMW04B A100L	Date Analyzed:	09/09/10 19:41
Lab Samp ID:	1075-02T	Dilution Factor:	25
Lab File ID:	RID148	Matrix	: WATER
Ext Btch ID:	V09I07	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	12J	25	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	25	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	12
1,2,3-TRICHLOROPROPANE	ND	25	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	ND	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3-DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	1400	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS-1,2-DICHLOROETHENE	16J	25	5.0
TRICHLOROETHENE	13J	120	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	ND	12	5.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-140

2007

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101072	Date Extracted:	09/08/10 20:42
Sample ID:	TB-9/7/10	Date Analyzed:	09/08/10 20:42
Lab Samp ID:	1072-03	Dilution Factor:	1
Lab File ID:	RID117	Matrix	: WATER
Ext Btch ID:	V094106	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2 DICHLOROBENZENE	ND	1.0	0.20
1,2 DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2 CHLOROTOLUENE	ND	1.0	0.20
2 HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.52J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	86	70-130
TOLUENE-D8	98	70-140

QC SUMMARIES

2009

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101075	Date Extracted:	09/08/10 20:05
Sample ID:	MBLK1W	Date Analyzed:	09/08/10 20:05
Lab Samp ID:	V0941060	Dilution Factor:	1
Lab File ID:	RI0110	Matrix	: WATER
Ext.Btch ID:	V0941U6	% Moisture	: NA
Calib. Ref.:	RND320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.30
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V094106Q	V094106L	V094106C		
LAB FILE ID:	RID116	RID111	RID112		
DATE EXTRACTED:	09/08/1020:05	09/08/1017:00	09/08/1017:57	DATE COLLECTED:	NA
DATE ANALYZED:	09/08/1020:05	09/08/1017:00	09/08/1017:57	DATE RECEIVED:	09/08/10
PREP. BATCH:	V094106	V094106	V094106		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethane	ND	10.0	11.2	112	10.0	10.8	108	3	60-130	30
Benzene	ND	10.0	10.7	107	10.0	10.6	106	1	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	10.2	102	2	70-130	30
Toluene	ND	10.0	10.4	104	10.0	10.3	103	1	70-130	30
Trichloroethene	ND	10.0	10.9	109	10.0	10.9	109	0	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.84	88	10.0	8.97	90	70-140
4-Bromofluorobenzene	10.0	9.14	91	10.0	9.11	91	70-130
Toluene-d8	10.0	10.0	100	10.0	10.0	100	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEO, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/09/10
Batch No.	: 101075	Date Extracted:	09/09/10 14:09
Sample ID:	MBLK2W	Date Analyzed:	09/09/10 14:09
Lab Samp ID:	V0941070	Dilution Factor:	1
Lab File ID:	R10139	Matrix	: WATER
Ext Batch ID:	V0941107	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.60
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.50
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.50
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	98	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK2W		
LAB SAMP ID:	V094107Q	V094107L	V094107C
LAB FILE ID:	RID139	RID135	RID136
DATE EXTRACTED:	09/09/1014:09	09/09/1011:36	09/09/1012:14
DATE ANALYZED:	09/09/1014:09	09/09/1011:36	09/09/1012:14
PREP. BATCH:	V094107	V094107	V094107
CALIB. REF:	RHD320	RHD320	RHD320

DATE COLLECTED: NA
DATE RECEIVED: 09/09/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	11.7	117	10.0	10.5	105	11	60-130	30
Benzene	ND	10.0	10.8	108	10.0	10.1	101	7	70-130	30
Chlorobenzene	ND	10.0	10.8	108	10.0	10.1	101	6	70-130	30
Toluene	ND	10.0	10.4	104	10.0	9.97	100	4	70-130	30
Trichloroethene	ND	10.0	11.1	111	10.0	10.5	105	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.93	89	10.0	8.83	88	70-140
4-Bromofluorobenzene	10.0	9.17	92	10.0	9.04	90	70-130
Toluene-d8	10.0	9.54	95	10.0	9.70	97	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-PMW048-A10		
LAB SAMP ID:	1075-02R	1075-02M	1075-02S
LAB FILE ID:	RID149	RID150	RID151
DATE EXTRACTED:	09/09/1020:19	09/09/1020:56	09/09/1021:32
DATE ANALYZED:	09/09/1020:19	09/09/1020:56	09/09/1021:32
PREP. BATCH:	V094107	V094107	V094107
CALIB. REF:	RHD320	RHD320	RHD320

DATE COLLECTED: 09/07/10
DATE RECEIVED: 09/07/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	12.2	10.0	23.6	114	10.0	22.8	106	4	60-140	30
Benzene	ND	10.0	10.8	108	10.0	10.8	108	0	60-140	30
Chlorobenzene	ND	10.0	10.6	106	10.0	10.4	104	2	63-132	30
Toluene	ND	10.0	10.5	105	10.0	10.5	105	0	70-140	30
Trichloroethene	14.7	10.0	24.9	103	10.0	24.6	99	2	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.20	92	10.0	9.22	92	70-140
4-Bromofluorobenzene	10.0	9.21	92	10.0	9.05	90	70-130
Toluene-d8	10.0	9.78	98	10.0	10.0	100	70-140

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RH0314
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10075
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.45
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.34
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.5)1
176	95.0 - 101.0% of mass 174	76.27(97.2)1
177	5.0 - 9.0% of mass 176	4.78(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V094H1101	RHD315	08/11/10	21:30
2	VSTD0.5	V094H1102	RHD316	08/11/10	22:06
3	VSTD01	V094H1103	RHD317	08/11/10	22:43
4	VSTD02	V094H1104	RHD318	08/11/10	23:19
5	VSTD05	V094H1105	RHD319	08/11/10	23:54
6	VSTD010	V094H1106	RHD320	08/12/10	00:29
7	VSTD020	V094H1107	RHD321	08/12/10	01:05
8	VSTD030	V094H1108	RHD322	08/12/10	01:40
9	VSTD040	V094H1109	RHD323	08/12/10	02:15
10	VSTD050	V094H1110	RHD324	08/12/10	02:50
11	VSTD100	V094H1111	RHD325	08/12/10	03:26
12	VSTD010	IV094H1102	RHD330	08/12/10	06:32

FORM V VOA OLM02.0

INITIAL CALIBRATION - RELATIVE RESPONSE FACTOR

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094H11

M	IDN	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	AV_RRF	%_RSD	AV_RT_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2	Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
	5	Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
	6	Bromomethane	------	0.218	0.245	0.276	0.290	0.315	0.315	0.303	0.317	0.320	0.332	0.293	12.53	6.8163
	7	Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
	8	Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.735	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
	9	Trichlorofluoromethane	------	0.187	0.241	0.285	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5	13	Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
	14	1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10	16	Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
	19	Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
	20	Carbon disulfide	------	0.851	1.087	1.136	1.180	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.31	9.8857
5	21	Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9601
	22	tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.298	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
	23	trans-1,2-Dichloroethene	0.463	0.504	0.479	0.512	0.511	0.513	0.540	0.512	0.515	0.519	0.513	0.507	4.05	10.2964
	24	Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
	25	Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
	26	1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.605	0.611	0.618	0.612	0.603	3.81	11.0355
5	27	2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	0.328	0.400	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5	29	2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
	30	2,2-Dichloropropane	0.252	0.259	0.241	0.253	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
	31	cis-1,2-Dichloroethene	0.281	0.309	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
	32	Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.30	12.3103
	33	Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
	35	Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
	36	1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
	39	1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.186	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.184	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
	42	Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
	43	1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
	44	Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
	45	Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.01	14.5942
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20	48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

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	49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
	50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.86	15.3546
	51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
5	52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
	53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
	54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
	55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
	56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
	57	trans-1,3-Dichloropropene	0.262	0.288	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7504
5	58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
	59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
	60	1,3-Dichloropropane	0.283	0.318	0.300	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
	61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
	62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.246	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
	63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.173	0.172	0.175	0.172	0.163	6.95	18.2020
	64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
	65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
	66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
	67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2	68	m-Xylene & p-Xylene	1.183	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
	69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.006	1.140	4.92	19.4144
	70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
	71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
	72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8105
	73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
	74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
	75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
	76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
	77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.104	0.104	0.115	0.115	0.108	11.20	20.2196
	78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.801	5.481	5.243	------	5.796	5.58	20.2708
	79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
	80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
	81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
	82	4-Chlorotoluene	2.659	2.201	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.404	8.61	20.5789
	83	tert-Butylbenzene	0.893	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
	84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
	85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.008	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
	86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
	87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
	88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
	89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
	90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
	91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
	92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
	93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
	94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
	95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * M
Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = x0 + x' * Amt_Ratio

	Parameter	x0	x1	CCF
90	Trichlorofluoromethane	-0.01435	0.38831	0.9994
94	Naphthalene	-0.02203	0.78641	0.9950
95	1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

SG
2/16/10

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RH0320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
KPChem Method :V094H11

	M	IDx	Parameters	.3 21:30 RH0315	.5 22:06 RH0316	1 22:43 RH0317	2 23:19 RH0318	5 23:54 RH0319	10 00:29 RH0320	20 01:03 RH0321	30 01:38 RH0322	40 02:13 RH0323	50 02:50 RH0324	100 03:26 RH0325	AVORec	% RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
		2	Dichlorodifluoromethane	------	72	85	93	94	110	109	105	108	109	114	10.9	13.33	4.7369
		3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		4	Chloromethane	70	87	92	100	104	110	110	104	107	107	108	9.1	12.25	5.3698
		5	Vinyl chloride	------	75	87	99	101	111	110	104	105	104	104	7.8	10.92	5.6903
		6	Bromomethane	------	74	84	94	99	108	108	103	108	109	113	9.8	12.53	6.8163
		7	Chloroethane	------	73	85	94	99	108	108	104	108	109	115	10.2	13.05	7.0064
		8	Dichlorofluoromethane	81	93	91	97	99	103	108	105	107	108	108	7	8.71	7.3794
		9	Trichlorofluoromethane	------	122	99	92	88	99	100	97	101	102	------	5.6	9.5	7.5835
5		10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5		11	Acrolein	78	89	89	89	100	100	111	100	100	100	100	6.1	8.36	8.4486
		12	1,1,2-Trichloro-1,2,2-trifluoroethane	96	95	91	94	91	99	105	103	106	108	111	6	7.03	8.4898
5		13	Acetone	------	------	121	117	103	93	97	93	93	97	100	7.7	9.44	8.5592
		14	1,1-Dichloroethene	91	100	94	98	97	101	105	101	103	105	105	3.6	4.57	8.8634
5		15	tert-Butyl alcohol	------	------	92	100	100	100	108	92	92	100	92	4.3	3.87	8.9524
10		16	Acetonitrile	120	113	107	100	87	93	93	93	93	93	93	8.5	9.55	9.3973
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Iodomethane	84	96	92	96	98	100	107	104	106	108	111	6.4	7.94	9.5054
		19	Methylene chloride	113	109	98	98	99	97	101	96	96	97	96	4.1	5.67	9.7753
		20	Carbon disulfide	------	71	91	95	99	104	106	106	109	110	110	8.9	12.01	9.8657
5		21	Acrylonitrile	85	95	95	97	97	100	105	100	103	105	108	4.7	6.79	9.9601
		22	tert-Butyl methyl ether (MTBE)	81	94	90	90	97	99	107	106	108	111	116	8.7	10.46	9.9960
		23	trans-1,2-Dichloroethene	91	99	94	101	101	101	107	101	102	102	101	2.8	4.05	10.2964
		24	Isopropyl ether (DIPE)	90	100	96	97	101	101	106	102	102	104	102	3.2	4.38	10.7537
		25	Vinyl acetate	------	86	81	88	100	106	108	103	106	109	113	9	10.98	10.9634
		26	1,1-Dichloroethane	92	102	96	98	101	100	106	100	101	102	101	2.7	3.81	11.0355
5		27	2-Butanol	87	87	100	100	100	87	100	100	100	112	112	5.7	8.04	11.3373
		28	tert-Butyl ethyl ether (ETBE)	74	90	88	93	98	101	109	108	109	113	118	10.5	13.09	11.4516
5		29	2-Butanone	102	112	104	96	94	94	100	94	96	100	102	4.1	5.22	11.6829
		30	2,2-Dichloropropane	105	108	101	105	103	101	103	98	95	93	87	4.8	6.14	11.9767
		31	cis-1,2-Dichloroethene	89	98	94	97	99	99	105	102	103	106	108	4.4	5.54	12.0538
		32	Chloroform	88	100	96	97	101	100	106	102	103	104	104	3.5	5.00	12.3103
		33	Bromochloromethane	91	102	99	97	103	100	105	100	101	102	101	2.5	3.72	12.5988
		34	Tetrahydrofuran	------	------	------	115	100	100	100	96	96	100	100	2.9	5.96	12.6299
		35	Dibromofluoromethane	105	111	89	96	86	101	103	99	101	104	106	5.5	7.32	12.6653
		36	1,1,1-Trichloroethane	92	102	94	98	99	102	105	103	102	102	102	3.1	3.98	12.9724
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	------	83	84	86	95	98	109	112	114	119	------	11.9	13.59	13.3124
		39	1,2-Dichloroethane-d4	110	111	91	98	87	101	102	98	99	102	103	5	7.03	13.4549
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
		41	1,1-Dichloropropene	97	102	90	94	92	97	104	105	106	106	111	5.6	6.58	13.2090
		42	Carbon tetrachloride	94	99	94	94	94	98	104	105	105	105	109	5	5.67	13.4084
		43	1,2-Dichloroethane	97	104	97	96	100	100	103	101	102	100	102	2	2.63	13.6012
		44	Benzene	97	108	97	96	97	97	103	103	104	103	94	4	4.51	13.6663
		45	Trichloroethene	98	100	95	98	96	97	103	102	102	102	108	3.3	4.01	14.5942
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	98	106	97	97	99	98	102	100	100	100	103	2	2.73	14.8587
20		48	1,4-Dioxane	------	100	100	100	100	100	100	100	100	100	100	0	12.15	15.2369

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49	Bromodichloromethane	90	102	95	96	99	99	104	102	103	103	106	3.6	4.56	15.2376
50	Dibromomethane	88	98	97	96	98	98	105	102	105	106	109	4.6	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	79	85	94	100	106	109	123	11.3	14.84	15.5602
5 52	4-Methyl-2-pentanone	97	98	96	98	99	100	103	101	102	104	106	3.1	4.13	15.6045
53	cis-1,3-Dichloropropene	94	101	97	95	99	97	103	102	103	103	106	3.3	3.83	16.0139
54	Toluene-d8	119	117	92	96	83	97	100	99	100	101	96	6.8	10.22	16.4260
55	Toluene	99	106	97	96	97	98	104	103	103	104	93	3.6	4.14	16.5550
56	Ethyl methacrylate	80	86	92	91	95	99	108	109	112	114	116	10.6	12.34	16.6201
57	trans-1,3-Dichloropropene	85	93	93	96	99	100	106	106	106	107	109	6.2	7.65	16.7504
5 58	2-Hexanone	90	96	93	94	99	107	105	104	104	105	105	4.7	5.50	16.9232
59	1,1,2-Trichloroethane	89	103	93	95	97	97	105	103	104	105	107	5	5.70	17.0349
60	1,3-Dichloropropane	89	100	95	96	98	98	104	103	104	105	106	4.2	5.20	17.4124
61	Tetrachloroethene	103	103	93	95	94	95	102	102	102	102	107	4	4.64	17.5812
62	Dibromochloromethane	88	98	92	96	98	99	106	104	106	107	106	5.4	6.53	17.9029
63	1,2-Dibromoethane	85	100	93	94	99	101	107	105	106	107	106	5.4	6.95	18.2020
64	1-Chlorohexane	95	96	92	92	94	98	106	106	107	107	107	6.2	6.72	18.2539
65	Chlorobenzene	94	103	95	96	100	99	105	104	104	104	97	3.7	4.19	18.7364
66	Ethylbenzene	103	109	99	100	101	99	108	104	102	99	77	4.8	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	88	98	93	94	96	98	107	105	106	107	109	6.1	6.92	18.7643
2 68	m-Xylene & p-Xylene	101	105	99	99	100	102	108	102	96	89	------	3.5	5.16	18.8480
69	o-Xylene	95	103	97	100	102	102	106	103	103	101	88	3.6	4.92	19.4144
70	Styrene	81	91	88	92	98	101	111	110	112	112	103	9	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	107	110	101	101	101	101	106	102	98	97	78	5.1	8.41	19.8105
73	Bromoform	89	96	97	94	98	99	108	103	102	106	109	4.9	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	95	99	98	100	100	99	105	99	99	101	102	1.6	2.52	20.0099
75	4-Bromofluorobenzene	------	127	96	97	84	97	100	98	97	100	104	6.2	10.74	20.1377
76	1,2,3-Trichloropropane	79	99	102	99	97	98	106	103	103	105	109	5	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	78	93	107	106	91	118	96	96	106	106	9.1	11.20	20.2196
78	n-Propylbenzene	108	106	98	98	98	100	106	100	95	90	------	4.2	5.58	20.2708
79	Bromobenzene	97	102	96	95	96	96	104	100	101	104	108	3.6	4.33	20.4234
80	1,3,5-Trimethylbenzene	104	106	98	97	98	99	106	103	101	102	88	3.8	5.20	20.4420
81	2-Chlorotoluene	103	119	106	95	96	98	103	104	102	92	81	6.8	9.52	20.5417
82	4-Chlorotoluene	111	92	86	97	99	97	108	96	95	115	104	6.9	8.61	20.5789
83	tert-Butylbenzene	95	100	91	93	93	96	105	103	103	107	113	5.8	6.99	20.8713
84	1,2,4-Trimethylbenzene	104	103	96	95	98	99	107	103	102	104	90	4	4.96	20.9152
85	sec-Butylbenzene	106	105	97	98	99	103	110	105	102	99	77	5.4	8.46	21.1120
86	p-Isopropyltoluene	102	99	92	95	98	102	111	107	105	104	85	5.5	7.29	21.2489
87	1,3-Dichlorobenzene	102	103	93	95	98	98	105	101	101	103	102	3	3.68	21.4536
88	1,4-Dichlorobenzene	102	100	93	93	97	98	105	102	102	104	104	3.4	4.15	21.5706
89	n-Butylbenzene	103	98	91	93	97	101	110	105	104	106	92	5.2	6.27	21.7181
90	1,2-Dichlorobenzene	99	102	96	94	98	98	104	100	100	104	104	2.7	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	80	94	95	94	105	103	105	109	112	7.7	9.97	22.9790
92	1,2,4-Trichlorobenzene	88	87	82	86	97	100	112	110	108	113	118	11	12.79	24.1801
93	Hexachlorobutadiene	105	100	87	93	96	98	107	104	100	105	104	4.6	5.96	24.3263
94	Naphthalene	------	128	96	88	89	93	107	------	------	------	------	11.5	15.2	24.6487
95	1,2,3-Trichlorobenzene	------	129	95	88	90	92	104	101	101	------	------	8.8	13.2	25.0149

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attd

2032

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T094
IC_Beginning DateTime :08/11/10 21:30
Spike Amount :10 PPB
CC/CV File :RHD330
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :08/12/10 03:26
HPChem Method :V094M11
Date_Time :08/12/10 06:52

M	TOX	Parameters	CC Con	CCX D	CC Resp	CORRF	AVRRF	CC RTM	AVRTM	% RSD	CO XU	CO X1	CO X2	CO COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1557995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	9.852	-1.5	833958	0.535	0.543	5.693	5.690	10.69				
	6	Bromomethane	9.924	-0.8	453177	0.291	0.293	6.006	6.816	12.54				
	7	Chloroethane	9.928	-0.7	478656	0.307	0.309	6.996	7.006	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184851	0.760	0.742	7.069	7.079	8.71				
	9	Trichlorofluoromethane	8.930	-10.7	517905	0.332	0.326	7.581	7.585	22.88	-0.0143	0.3883		0.9994
S	10	sec-Propyl alcohol												
S	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	8.36				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
S	13	Acetone	46.992	-6.0	215476	0.028	0.029	8.546	8.559	9.44				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
S	15	tert-Butyl alcohol	52.547	5.1	104025	0.013	0.013	8.941	8.952	3.87				
10	16	Acetonitrile	50.753	-9.2	209717	0.013	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018840	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	651934	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1956507	1.256	1.196	9.877	9.886	12.01				
6	21	Acrylonitrile	51.248	-14.6	308497	0.033	0.039	9.950	9.960	6.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	473230	0.304	0.301	9.979	9.996	10.46				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.296	4.05				
	24	Isopropyl ether (DIPE)	10.292	2.9	1563737	1.004	0.975	10.739	10.754	4.38				
	25	Vinyl acetate	9.046	-5.5	394491	0.253	0.280	10.956	10.963	10.98				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.035	5.81				
5	27	2-Butenal	46.195	-7.6	37710	0.007	0.008	11.324	11.337	8.04				
	28	Tert-Butyl ethyl ether (ETBE)	10.126	1.3	701051	0.450	0.444	11.441	11.452	13.09				
5	29	2-Butanone	47.924	-4.2	377635	0.048	0.051	11.675	11.683	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.239	11.968	11.977	6.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.54				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.124	1.9	348105	0.223	0.219	12.597	12.599	5.75				
	34	Tetrahydrofuran	9.721	-2.8	39774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	468178	0.301	0.289	12.655	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	Tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.592	3.2	294359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1301316	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	230833	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.034	0.3	538053	0.413	0.412	13.401	13.408	5.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.262	13.591	13.601	2.53				
	44	Benzene	10.108	1.1	2003376	1.540	1.534	13.264	13.266	4.51				
	45	Trichloroethene	10.276	2.8	577332	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	14.849	14.859	2.73				
20	48	1,4-Dioxane	202.473	1.2	24714	0.001	0.001	15.199	15.207	12.15				
	49	Bromodichloromethane	10.250	2.5	503995	0.387	0.378	15.229	15.238	4.56				
	50	Dibromomethane	10.233	2.3	165662	0.127	0.124	15.346	15.355	5.86				
	51	2-Chloroethyl vinyl ether	8.144	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
S	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.134	15.594	15.604	7.14				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	5.85				
	54	Toluene-d8	10.462	4.6	1667179	1.281	1.225	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1872053	1.439	1.395	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407839	0.313	0.309	16.749	16.750	7.65				
S	58	2-Hexanone	51.141	2.3	536210	0.082	0.081	16.925	16.923	5.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.027	17.035	5.70				
	60	1,3-Dichloropropane	10.085	0.9	415527	0.319	0.317	17.407	17.412	5.20				
	61	Tetrachloroethene	9.975	-0.2	426440	0.328	0.329	17.583	17.581	4.64				
	62	Dibromochloromethane	10.177	1.8	329405	0.253	0.249	17.905	17.903	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.163	18.197	18.202	6.95				
	64	1-Chlorohexane	10.218	2.2	847330	0.651	0.637	18.256	18.254	6.72				
	65	Chlorobenzene	10.278	2.8	1185292	0.911	0.886	18.738	18.736	4.15				
	66	Ethylbenzene	10.452	4.5	2168234	1.666	1.594	18.753	18.751	8.42				
	67	1,1,1,2-Tetrachloroethane	10.215	2.2	421495	0.324	0.317	18.767	18.764	6.92				
2	68	m-Xylene & p-Xylene	21.520	6.6	3256796	1.244	1.167	18.840	18.848	7.16				
	69	o-Xylene	10.501	5.0	1557550	1.197	1.140	19.411	19.414	4.92				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.999	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059045	4.804	4.602	19.806	19.810	8.41				
	73	Bromoform	10.112	1.1	140492	0.328	0.324	19.937	19.937	6.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.52				
	75	4-Bromofluorobenzene	10.140	1.4	471424	1.100	1.085	20.142	20.138	10.74				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.195	7.95				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41787	0.097	0.108	20.215	20.220	11.20				
	78	n-Propylbenzene	10.323	3.2	2564324	5.983	5.796	20.274	20.271	5.58				
	79	Bromobenzene	9.996	-0.0	434620	1.014	1.014	20.420	20.423	4.33				
	80	1,3,5-Trimethylbenzene	10.526	3.3	1516580	3.538	3.426	20.434	20.442	5.20				
	81	2-Chlorotoluene	11.482	14.8	1745051	4.071	3.546	20.537	20.546	9.52				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.579	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399852	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404314	3.277	3.183	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.566	6.0	2316903	5.775	4.860	21.107	21.115	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1792295	4.186	3.956	21.239	21.245	7.29				
	87	1,3-Dichlorobenzene	10.133	1.3	872841	2.030	2.025	21.458	21.454	3.68				
	88	1,4-Dichlorobenzene	10.042	0.4	812223	1.896	1.888	21.575	21.571	7.15				
	89	n-Butylbenzene	9.999	-0.0	1715742	4.003	4.003	21.721	21.718	9.67				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.497	22.028	22.038	3.32				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	9.97				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	311729	0.727	0.695	24.324	24.326	9.99				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.765	24.649	24.649	17.26	-0.0220	0.7864		0.9970
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.381	25.011	25.015	15.98	-0.0123	0.4415		0.9988

Spike Amount = Nominal Amount * M

29022

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: H10108
Instrument ID: TQ94
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101075
BFB Injection Date : 09/08/10
BFB Injection Time : 15:07
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.17
75	30.0 - 60.0% of mass 95	44.92
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.45
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.64
175	5.0 - 9.0% of mass 174	6.24(7.5)1
176	95.0 - 101.0% of mass 174	79.82(96.4)1
177	5.0 - 9.0% of mass 176	4.82(6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1131	RID110	09/08/10	16:23
2	MBLK1W	V094106Q	RID116	09/08/10	20:05
3	LCS1W	V094106L	RID111	09/08/10	17:00
4	LCD1W	V094106C	RID112	09/08/10	17:37
5	IB-9/7/10	I075-03	RID117	09/08/10	20:42
6	MW-70-PMW04A-A10	I075-01	RID126	09/09/10	02:13

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RKD320
Instrument ID: IO24
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101075
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	18.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1260828	14.00	999526	18.68	358457	22.00
2	MBLK1W	1296008	14.00	1068568	18.69	352631	22.00
3	LCS1W	1279744	14.01	998353	18.69	361289	22.01
4	LCD1W	1340949	14.01	1046616	18.69	401282	22.01
5	TB-8/7/10	1380403	14.01	1105143	18.69	386232	22.01
6	MW-70-PMW04A-A10	1296866	14.00	1044309	18.68	350925	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	10.000	9.351	6.5	70	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.610	13.9	64	0.00
5	C,T	Vinyl chloride	10.000	9.672	3.3	71	0.00
6	T	Bromomethane	10.000	8.794	12.1	67	0.00
7	T	Chloroethane	10.000	9.359	6.4	71	0.00
8	T	Dichlorofluoromethane	10.000	10.685	-6.9	85	0.00
9	T	Trichlorofluoromethane	10.000	10.629	-6.3	88	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	43.799	12.4	69	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	12.100	-21.0#	100	0.00
13	T	Acetone	50.000	47.113	5.8	83	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.940	-9.4	89	0.00
15	T	tert-Butyl alcohol	50.000	24.436	51.1#	40	0.00 NT
16	T	Acetonitrile	100.000	78.164	21.8#	70	0.00 NT
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.857	1.4	81	0.00
19	T	Methylene chloride	10.000	9.678	3.2	82	0.02
20	T	Carbon disulfide	10.000	8.221	17.8	65	0.00
21	T	Acrylonitrile	50.000	46.947	6.1	76	0.00
22	T	tert-Butyl methyl ether (MT	10.000	11.522	-15.2	95	0.00
23	T	trans-1,2-Dichloroethene	10.000	10.177	-1.8	82	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.989	0.1	81	0.00
25	T	Vinyl acetate	10.000	10.959	-9.6	85	0.00
26	P,T	1,1-Dichloroethane	10.000	10.011	-0.1	82	0.00
27	T	2-Butanol	50.000	48.398	3.2	86	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	12.845	-28.5#	104	0.00 NT
29	T	2-Butanone	50.000	43.607	12.8	76	0.00
30	T	2,2-Dichloropropane	10.000	10.778	-7.8	87	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.414	-4.1	86	0.00
32	C,T	Chloroform	10.000	10.275	-2.8	84	0.00
33	T	Bromochloromethane	10.000	9.531	4.7	78	0.00
34	T	Tetrahydrofuran	10.000	9.197	8.0	77	0.00
35	S	Dibromofluoromethane	10.000	9.766	2.3	79	0.00
36	T	1,1,1-Trichloroethane	10.000	9.841	1.6	79	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00
38	T	tert-Amyl methyl ether (TAM	10.000	13.539	-35.4#	113	0.00 NT
39	S	1,2-Dichloroethane-d4	10.000	8.529	14.7	69	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	77	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.590	-15.9	92	0.00
42	T	Carbon tetrachloride	10.000	9.435	5.6	74	0.00
43	T	1,2-Dichloroethane	10.000	9.527	4.7	74	0.00
44	T,M	Benzene	10.000	10.581	-5.8	84	0.00
45	T,M	Trichloroethene	10.000	11.014	-10.1	88	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.953	0.5	78	0.00
48	T	1,4-Dioxane	200.000	197.368	1.3	75	0.00
49	T	Bromodichloromethane	10.000	9.805	2.0	76	0.00
50	T	Dibromomethane	10.000	10.166	-1.7	80	0.00
51	T	2-Chloroethyl vinyl ether	10.000	6.668	33.3#	61	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	47.762	4.5	74	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.709	2.9	77	0.00
54	S	Toluene-d8	10.000	9.885	1.2	78	0.00
55	C,T,M	Toluene	10.000	10.477	-4.8	83	0.00
56	T	Ethyl methacrylate	10.000	9.480	5.2	74	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.569	4.3	74	0.00
58	T	2-Hexanone	50.000	49.665	0.7	76	0.00
59	T	1,1,2-Trichloroethane	10.000	9.924	0.8	78	0.00
60	T	1,3-Dichloropropane	10.000	9.543	4.6	75	0.00
61	T	Tetrachloroethene	10.000	11.051	-10.5	89	0.00
62	T	Dibromochloromethane	10.000	9.535	4.6	74	0.00
63	T	1,2-Dibromoethane	10.000	10.129	-1.3	78	0.00
64	T	1-Chlorohexane	10.000	11.427	-14.3	90	0.00
65	P,M	Chlorobenzene	10.000	10.439	-4.4	81	0.00
66	C,T	Ethylbenzene	10.000	10.505	-5.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.619	3.8	75	0.00
68	T	m-Xylene & p-Xylene	20.000	21.770	-8.8	82	0.00
69	T	o-Xylene	10.000	10.809	-8.1	81	0.00
70	T	Styrene	10.000	11.262	-12.6	86	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	84	0.00
72	T	Isopropylbenzene	10.000	10.578	-5.8	88	0.00
73	P,T	Bromoform	10.000	9.807	1.9	83	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.707	2.9	82	0.00
75	S	4-Bromofluorobenzene	10.000	9.355	6.4	81	0.00
76	T	1,2,3-Trichloropropane	10.000	9.675	3.2	82	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	8.136	18.6	75	0.00
78	T	n-Propylbenzene	10.000	10.612	-6.1	89	0.00
79	T	Bromobenzene	10.000	10.372	-3.7	90	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.362	-3.6	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D Vial: 3
Acq On : 8 Sep 2010 4:23 pm Operator: AS
Sample : CVO94H1131 10ppb Inst : TO94
Misc : 10ppb8260/50ppbKET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.880	-8.8	93	0.00
82	T	4-Chlorotoluene	10.000	8.724	12.8	75	0.00
83	T	tert-Butylbenzene	10.000	10.340	-3.4	90	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.301	-3.0	87	0.00
85	T	sec-Butylbenzene	10.000	11.082	-10.8	90	0.00
86	T	p-Isopropyltoluene	10.000	11.013	-10.1	90	0.00
87	T	1,3-Dichlorobenzene	10.000	10.332	-3.3	89	0.00
88	T	1,4-Dichlorobenzene	10.000	10.376	-3.8	89	0.00
89	T	n-Butylbenzene	10.000	11.115	-11.2	92	0.00
90	T	1,2-Dichlorobenzene	10.000	10.039	-0.4	86	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.799	2.0	87	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.510	-5.1	88	0.00
93	T	Hexachlorobutadiene	10.000	11.868	-18.7	101	0.00
94	T	Naphthalene	10.000	9.339	6.6	84	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.158	8.4	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	82	0.00
2	T	Dichlorodifluoromethane	0.292	0.273	6.5	70	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.532	13.9	64	0.00
5	C,T	Vinyl chloride	0.543	0.525	3.3	71	0.00
6	T	Bromomethane	0.293	0.258	11.9	67	0.00
7	T	Chloroethane	0.309	0.290	6.1	71	0.00
8	T	Dichlorofluoromethane	0.742	0.793	-6.9	85	0.00
9	T	Trichlorofluoromethane	0.326	0.398	-22.1#	88	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.008	11.1	69	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.263	-20.6#	100	0.00
13	T	Acetone	0.029	0.028	3.4	83	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.631	-9.5	89	0.00
15	T	tert-Butyl alcohol	0.013	0.006	53.8#	40#	0.00
16	T	Acetonitrile	0.015	0.012	20.0	70	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.639	1.4	81	0.00
19	T	Methylene chloride	0.430	0.417	3.0	82	0.02
20	T	Carbon disulfide	1.196	0.983	17.8	65	0.00
21	T	Acrylonitrile	0.039	0.036	7.7	76	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.346	-15.0	95	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.516	-1.8	82	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.974	0.1	81	0.00
25	T	Vinyl acetate	0.280	0.307	-9.6	85	0.00
26	P,T	1,1-Dichloroethane	0.603	0.604	-0.2	82	0.00
27	T	2-Butanol	0.008	0.008	0.0	86	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.571	-28.6#	104	0.00
29	T	2-Butanone	0.051	0.044	13.7	76	0.00
30	T	2,2-Dichloropropane	0.239	0.258	-7.9	87	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.328	-4.1	86	0.00
32	C,T	Chloroform	0.486	0.499	-2.7	84	0.00
33	T	Bromochloromethane	0.219	0.209	4.6	78	0.00
34	T	Tetrahydrofuran	0.026	0.024	7.7	77	0.00
35	S	Dibromofluoromethane	0.289	0.282	2.4	79	0.00
36	T	1,1,1-Trichloroethane	0.333	0.328	1.5	79	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.079	-36.2#	113	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.156	14.8	69	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	77	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.206	-16.4	92	0.00
42	T	Carbon tetrachloride	0.412	0.389	5.6	74	0.00
43	T	1,2-Dichloroethane	0.262	0.250	4.6	74	0.00
44	T,M	Benzene	1.523	1.612	-5.8	84	0.00
45	T,M	Trichloroethene	0.432	0.476	-10.2	88	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.355	0.6	78	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	75	0.00
49	T	Bromodichloromethane	0.378	0.370	2.1	76	0.00
50	T	Dibromomethane	0.124	0.126	-1.6	80	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.035	34.0#	61	0.00
52	T	4-Methyl-2-pentanone	0.135	0.129	4.4	74	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.454	3.0	77	0.00
54	S	Toluene-d8	1.225	1.211	1.1	78	0.00
55	C,T,M	Toluene	1.395	1.462	-4.8	83	0.00
56	T	Ethyl methacrylate	0.203	0.193	4.9	74	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.295	4.5	74	0.00
58	T	2-Hexanone	0.081	0.080	1.2	76	0.00
59	T	1,1,2-Trichloroethane	0.153	0.152	0.7	78	0.00
60	T	1,3-Dichloropropane	0.317	0.302	4.7	75	0.00
61	T	Tetrachloroethene	0.329	0.363	-10.3	89	0.00
62	T	Dibromochloromethane	0.249	0.237	4.8	74	0.00
63	T	1,2-Dibromoethane	0.163	0.165	-1.2	78	0.00
64	T	1-Chlorohexane	0.637	0.728	-14.3	90	0.00
65	P,M	Chlorobenzene	0.886	0.925	-4.4	81	0.00
66	C,T	Ethylbenzene	1.594	1.675	-5.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.305	3.8	75	0.00
68	T	m-Xylene & p-Xylene	1.167	1.270	-8.8	82	0.00
69	T	o-Xylene	1.140	1.232	-8.1	81	0.00
70	T	Styrene	0.847	0.954	-12.6	86	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	84	0.00
72	T	Isopropylbenzene	4.602	4.868	-5.8	88	0.00
73	P,T	Bromoform	0.324	0.318	1.9	83	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.488	3.0	82	0.00
75	S	4-Bromofluorobenzene	1.085	1.015	6.5	81	0.00
76	T	1,2,3-Trichloropropane	0.113	0.109	3.5	82	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.088	18.5	75	0.00
78	T	n-Propylbenzene	5.796	6.151	-6.1	89	0.00
79	T	Bromobenzene	1.014	1.052	-3.7	90	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.551	-3.6	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I08\RID110.D
Acq On : 8 Sep 2010 4:23 pm
Sample : CVO94H1131 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.858	-8.8	93	0.00
82	T	4-Chlorotoluene	2.404	2.097	12.8	75	0.00
83	T	tert-Butylbenzene	0.936	0.967	-3.3	90	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.279	-3.0	87	0.00
85	T	sec-Butylbenzene	4.880	5.408	-10.8	90	0.00
86	T	p-Isopropyltoluene	3.956	4.356	-10.1	90	0.00
87	T	1,3-Dichlorobenzene	2.025	2.092	-3.3	89	0.00
88	T	1,4-Dichlorobenzene	1.888	1.959	-3.8	89	0.00
89	T	n-Butylbenzene	4.003	4.450	-11.2	92	0.00
90	T	1,2-Dichlorobenzene	1.492	1.498	-0.4	86	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.064	3.0	87	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.635	-5.0	88	0.00
93	T	Hexachlorobutadiene	0.485	0.575	-18.6	101	0.00
94	T	Naphthalene	0.645	0.712	-10.4	84	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.392	-2.9	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID133
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101075
BFB Injection Date : 09/09/10
BFB Injection Time : 10:20
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.75
75	30.0 - 60.0% of mass 95	43.61
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.38
173	Less than 2.0% of mass 174	0.00(0.01)
174	Greater than 50% of mass 95	86.23
175	5.0 - 9.0% of mass 174	6.48(7.51)
176	95.0 - 101.0% of mass 174	83.56(96.91)
177	5.0 - 9.0% of mass 176	5.26(6.31)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1132	RID134	09/09/10	10:59
2	MBLK2W	V094107Q	RID139	09/09/10	14:09
3	LCS2W	V094107L	RID135	09/09/10	11:56
4	LCD2W	V094107E	RID136	09/09/10	12:14
5	MW-70-PMW04A-A10DL	1075-01T	RID147	09/09/10	19:06
6	MW-70-PMW04B-A10DL	1075-02T	RID148	09/09/10	19:41
7	MW-70-PMW04B-A10	1075-02R	RID149	09/09/10	20:19
8	MW-70-PMW04B-A10MS	1075-02M	RID150	09/09/10	20:56
9	MW-70-PMW04B-A10MSD	1075-02S	RID151	09/09/10	21:32

FORM V VOA OLM02.0

BA

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMX1
Lab File ID: RHD320
Instrument ID: 1094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 1D1075
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299230	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	18.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1288107	14.00	975526	18.68	377551	22.00
2	MBLK2W	1304136	14.00	1062447	18.68	344375	22.00
3	LCS2W	1200545	14.00	980411	18.69	345868	22.00
4	LCD2W	1268823	14.00	1025458	18.68	389042	22.00
5	MW-70-PMW04A-A10DL	1170475	14.00	901440	18.68	306304	22.00
6	MW-70-PMW04B-A10DL	1245474	14.01	1005145	18.69	318804	22.01
7	MW-70-PMW04B-A10	1308658	14.00	975034	18.69	341257	22.00
8	MW-70-PMW04B-A10MS	1250590	14.00	992615	18.69	372398	22.00
9	MW-70-PMW04B-A10MSD	1266589	14.00	971912	18.68	387186	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-B260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CVO94H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	84	-0.01
2	T	Dichlorodifluoromethane	10.000	8.437	15.6	64	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	7.750	22.5#	59	0.00
5	C,T	Vinyl chloride	10.000	8.441	15.6	64	0.00
6	T	Bromomethane	10.000	8.633	13.7	67	0.00
7	T	Chloroethane	10.000	9.207	7.9	71	0.00
8	T	Dichlorofluoromethane	10.000	11.095	-11.0	90	0.00
9	T	Trichlorofluoromethane	10.000	9.311	6.9	78	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	33.498	33.0#	54	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.801	-18.0	100	-0.01
13	T	Acetone	50.000	45.650	8.7	82	0.00
14	C,T,M	1,1-Dichloroethene	10.000	11.014	-10.1	91	0.00
15	T	tert-Butyl alcohol	50.000	27.356	45.3#	46	0.00
16	T	Acetonitrile	100.000	81.287	18.7	75	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.590	4.1	80	0.00
19	T	Methylene chloride	10.000	9.827	1.7	85	0.00
20	T	Carbon disulfide	10.000	8.980	10.2	72	-0.01
21	T	Acrylonitrile	50.000	45.402	9.2	75	0.00
22	T	tert-Butyl methyl ether (MT	10.000	11.215	-12.1	95	-0.01
23	T	trans-1,2-Dichloroethene	10.000	10.071	-0.7	83	0.00
24	T	Isopropyl ether (DIPE)	10.000	10.157	-1.6	85	0.00
25	T	Vinyl acetate	10.000	10.518	-5.2	83	-0.01
26	P,T	1,1-Dichloroethane	10.000	10.044	-0.4	84	-0.01
27	T	2-Butanol	50.000	45.544	8.9	83	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	12.207	-22.1#	101	-0.01
29	T	2-Butanone	50.000	42.860	14.3	76	-0.01
30	T	2,2-Dichloropropane	10.000	9.919	0.8	82	-0.01
31	T	cis-1,2-Dichloroethene	10.000	10.389	-3.9	88	0.00
32	C,T	Chloroform	10.000	9.976	0.2	84	-0.01
33	T	Bromochloromethane	10.000	9.548	4.5	80	-0.01
34	T	Tetrahydrofuran	10.000	8.336	16.6	71	0.00
35	S	Dibromofluoromethane	10.000	9.975	0.3	83	0.00
36	T	1,1,1-Trichloroethane	10.000	9.730	2.7	80	-0.01
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	12.258	-22.6#	104	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.818	11.8	73	-0.01
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	75	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CVO94H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.865	-18.7	92	0.00
42	T	Carbon tetrachloride	10.000	9.532	4.7	73	-0.01
43	T	1,2-Dichloroethane	10.000	10.040	-0.4	76	0.00
44	T,M	Benzene	10.000	10.975	-9.7	85	0.00
45	T,M	Trichloroethene	10.000	11.253	-12.5	87	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	-0.01
47	C,T	1,2-Dichloropropane	10.000	10.475	-4.7	80	-0.01
48	T	1,4-Dioxane	200.000	207.491	-3.7	77	0.00
49	T	Bromodichloromethane	10.000	10.174	-1.7	77	-0.01
50	T	Dibromomethane	10.000	10.384	-3.8	80	-0.01
51	T	2-Chloroethyl vinyl ether	10.000	4.480	55.2#	40	0.00
52	T	4-Methyl-2-pentanone	50.000	47.089	5.8	71	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.611	3.9	74	-0.01
54	S	Toluene-d8	10.000	10.190	-1.9	79	0.00
55	C,T,M	Toluene	10.000	10.565	-5.6	81	0.00
56	T	Ethyl methacrylate	10.000	9.509	4.9	72	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.220	7.8	69	0.00
58	T	2-Hexanone	50.000	50.188	-0.4	74	0.00
59	T	1,1,2-Trichloroethane	10.000	10.044	-0.4	77	-0.01
60	T	1,3-Dichloropropane	10.000	9.589	4.1	74	-0.01
61	T	Tetrachloroethene	10.000	10.786	-7.9	85	0.00
62	T	Dibromochloromethane	10.000	9.561	4.4	73	0.00
63	T	1,2-Dibromoethane	10.000	10.235	-2.3	77	-0.01
64	T	1-Chlorohexane	10.000	10.924	-9.2	84	0.00
65	P,M	Chlorobenzene	10.000	10.508	-5.1	80	0.00
66	C,T	Ethylbenzene	10.000	10.374	-3.7	78	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.751	2.5	75	0.00
68	T	m-Xylene & p-Xylene	20.000	21.393	-7.0	79	-0.01
69	T	o-Xylene	10.000	10.902	-9.0	80	0.00
70	T	Styrene	10.000	11.442	-14.4	85	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	88	0.00
72	T	Isopropylbenzene	10.000	9.815	1.9	86	-0.01
73	P,T	Bromoform	10.000	9.259	7.4	82	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.586	4.1	85	0.00
75	S	4-Bromofluorobenzene	10.000	9.246	7.5	84	0.00
76	T	1,2,3-Trichloropropane	10.000	9.494	5.1	85	-0.01
77	T	trans-1,4-Dichloro-2-butene	10.000	5.853	41.5#	57	-0.01
78	T	n-Propylbenzene	10.000	10.102	-1.0	89	0.00
79	T	Bromobenzene	10.000	10.077	-0.8	92	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.049	-0.5	89	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CVO94H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.613	-6.1	95	-0.01
82	T	4-Chlorotoluene	10.000	8.357	16.4	76	0.00
83	T	tert-Butylbenzene	10.000	10.059	-0.6	93	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.958	0.4	88	0.00
85	T	sec-Butylbenzene	10.000	10.626	-6.3	91	-0.01
86	T	p-Isopropyltoluene	10.000	10.514	-5.1	90	0.00
87	T	1,3-Dichlorobenzene	10.000	10.086	-0.9	91	0.00
88	T	1,4-Dichlorobenzene	10.000	10.008	-0.1	90	0.00
89	T	n-Butylbenzene	10.000	10.404	-4.0	91	0.00
90	T	1,2-Dichlorobenzene	10.000	9.921	0.8	90	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.476	5.2	89	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.728	2.7	86	0.00
93	T	Hexachlorobutadiene	10.000	11.448	-14.5	103	0.00
94	T	Naphthalene	10.000	8.376	16.2	80	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.294	17.1	79	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CVO94H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	84	-0.01
2	T	Dichlorodifluoromethane	0.292	0.246	15.8	64	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.479	22.5#	59	0.00
5	C,T	Vinyl chloride	0.543	0.459	15.5	64	0.00
6	T	Bromomethane	0.293	0.253	13.7	67	0.00
7	T	Chloroethane	0.309	0.285	7.8	71	0.00
8	T	Dichlorofluoromethane	0.742	0.823	-10.9	90	0.00
9	T	Trichlorofluoromethane	0.326	0.347	-6.4	78	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	54	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.257	-17.9	100	-0.01
13	T	Acetone	0.029	0.027	6.9	82	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.635	-10.2	91	0.00
15	T	tert-Butyl alcohol	0.013	0.007	46.2#	46#	0.00
16	T	Acetonitrile	0.015	0.012	20.0	75	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.622	4.0	80	0.00
19	T	Methylene chloride	0.430	0.423	1.6	85	0.00
20	T	Carbon disulfide	1.196	1.074	10.2	72	-0.01
21	T	Acrylonitrile	0.039	0.035	10.3	75	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.337	-12.0	95	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.511	-0.8	83	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.990	-1.5	85	0.00
25	T	Vinyl acetate	0.280	0.294	-5.0	83	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.606	-0.5	84	-0.01
27	T	2-Butanol	0.008	0.007	12.5	83	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.542	-22.1#	101	-0.01
29	T	2-Butanone	0.051	0.043	15.7	76	-0.01
30	T	2,2-Dichloropropane	0.239	0.237	0.8	82	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.327	-3.8	88	0.00
32	C,T	Chloroform	0.486	0.485	0.2	84	-0.01
33	T	Bromochloromethane	0.219	0.209	4.6	80	-0.01
34	T	Tetrahydrofuran	0.026	0.022	15.4	71	0.00
35	S	Dibromofluoromethane	0.289	0.288	0.3	83	0.00
36	T	1,1,1-Trichloroethane	0.333	0.324	2.7	80	-0.01
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.071	-22.4#	104	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.161	12.0	73	-0.01
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	75	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CV094H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.210	-18.6	92	0.00
42	T	Carbon tetrachloride	0.412	0.393	4.6	73	-0.01
43	T	1,2-Dichloroethane	0.262	0.263	-0.4	76	0.00
44	T,M	Benzene	1.523	1.672	-9.8	85	0.00
45	T,M	Trichloroethene	0.432	0.486	-12.5	87	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	-0.01
47	C,T	1,2-Dichloropropane	0.357	0.374	-4.8	80	-0.01
48	T	1,4-Dioxane	0.001	0.001	0.0	77	0.00
49	T	Bromodichloromethane	0.378	0.384	-1.6	77	-0.01
50	T	Dibromomethane	0.124	0.129	-4.0	80	-0.01
51	T	2-Chloroethyl vinyl ether	0.053	0.024	54.7#	40#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.127	5.9	71	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.450	3.8	74	-0.01
54	S	Toluene-d8	1.225	1.248	-1.9	79	0.00
55	C,T,M	Toluene	1.395	1.474	-5.7	81	0.00
56	T	Ethyl methacrylate	0.203	0.193	4.9	72	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.285	7.8	69	0.00
58	T	2-Hexanone	0.081	0.081	0.0	74	0.00
59	T	1,1,2-Trichloroethane	0.153	0.154	-0.7	77	-0.01
60	T	1,3-Dichloropropane	0.317	0.304	4.1	74	-0.01
61	T	Tetrachloroethene	0.329	0.354	-7.6	85	0.00
62	T	Dibromochloromethane	0.249	0.238	4.4	73	0.00
63	T	1,2-Dibromoethane	0.163	0.167	-2.5	77	-0.01
64	T	1-Chlorohexane	0.637	0.696	-9.3	84	0.00
65	P,M	Chlorobenzene	0.886	0.931	-5.1	80	0.00
66	C,T	Ethylbenzene	1.594	1.654	-3.8	78	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.309	2.5	75	0.00
68	T	m-Xylene & p-Xylene	1.167	1.248	-6.9	79	-0.01
69	T	o-Xylene	1.140	1.243	-9.0	80	0.00
70	T	Styrene	0.847	0.969	-14.4	85	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	88	0.00
72	T	Isopropylbenzene	4.602	4.516	1.9	86	-0.01
73	P,T	Bromoform	0.324	0.300	7.4	82	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.482	4.2	85	0.00
75	S	4-Bromofluorobenzene	1.085	1.003	7.6	84	0.00
76	T	1,2,3-Trichloropropane	0.113	0.107	5.3	85	-0.01
77	T	trans-1,4-Dichloro-2-butene	0.108	0.063	41.7#	57	-0.01
78	T	n-Propylbenzene	5.796	5.855	-1.0	89	0.00
79	T	Bromobenzene	1.014	1.022	-0.8	92	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.443	-0.5	89	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID134.D
Acq On : 9 Sep 2010 10:59 am
Sample : CV094H1132 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 1.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.763	-6.1	95	-0.01
82	T	4-Chlorotoluene	2.404	2.009	16.4	76	0.00
83	T	tert-Butylbenzene	0.936	0.941	-0.5	93	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.170	0.4	88	0.00
85	T	sec-Butylbenzene	4.880	5.185	-6.2	91	-0.01
86	T	p-Isopropyltoluene	3.956	4.159	-5.1	90	0.00
87	T	1,3-Dichlorobenzene	2.025	2.042	-0.8	91	0.00
88	T	1,4-Dichlorobenzene	1.888	1.889	-0.1	90	0.00
89	T	n-Butylbenzene	4.003	4.165	-4.0	91	0.00
90	T	1,2-Dichlorobenzene	1.492	1.480	0.8	90	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.062	6.1	89	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.588	2.8	86	0.00
93	T	Hexachlorobutadiene	0.485	0.555	-14.4	103	0.00
94	T	Naphthalene	0.645	0.637	1.2	80	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.354	7.1	79	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH VO94H1010

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Conc	Matrix S	Notes
01	RH034	BFB9H16	2µl					TICHECK
02	315	VO94H1101	[illegible]					[illegible]
03	316	02	[illegible]					5 / 25 / 10
04	317	03	[illegible]					1 / 5 / 10
05	318	04	[illegible]					2 / 10 / 100
06	319	05	[illegible]					5 / 25 / 100
07	320	06	[illegible]					10 / 50 / 200
08	321	07	[illegible]					20 / 100 / 200
09	322	08	[illegible]					30 / 150 / 200
10	323	09	[illegible]					40 / 200 / 200
11	324	10	[illegible]					50 / 250 / 200
12	325	11	[illegible]					100 / 500 / 200
13	326	Rinse	25ml	1.0				
14	327							
15	328	VO94H16B						
16	329	IVO94H1101	5ml/25					10 / 50 / 200
17	330	02						
18	331	Rinse	25ml	1.0				
19	332							
20								
21								
22								
23								
24								
25								AS 9-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	VO94H11

STANDARDS		
NAME	ID	CONC (ng/l)
DCC 8260	SV1-16-22-2	50/250
DCC	-25-	250
	-21-	250
DCC 2-Butanol	-19-	250
	-19-	250
BFB	SV1-15-97-1	50
IS/SURR	SV1-16-18-2	250
	-18-3	
LCS 8260	-27-2	50/250
LCS	-16-2	250
LCS 2-Butanol	SV1-12-380	250 / 1000

SOLVENT	ID
METHANOL	
DATA FILE	1011

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

2011

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev. No. 4 ☐ EMAX-524.2 Rev. No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev. No. 2 ☐

Start Date: 9-8-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH CV094H031

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RID108	BFB94I06	2µl					FLUECK 5107
02	109	STD TEST	5µl/1L					
03	110	CV094H031	↓					
04	111	V094I062	5µl/1L					
05	112	↓ C	↓					
06	113	Std Test 2	5µl/1L					
07	114	Rinse	25mL	1.0				
08	115	V094I065	↓	↓				
09	116	↓ D						
10	117	10I075-03	↓	↓	ok	ok		
11	118	10H661-10T	25µL	1.06	✓	✓		
12	119	↓ -08T	↓	↓	✓	✓		
13	120	10H632-14T	25mL	1.0	✓	✓		
14	121	-10T	↓	↓	✓	✓		
15	122	-16R	25mL	1.0	✓	✓		
16	123	↓ -11R			✓	✓		
17	124	10H661-04R			✓	✓		
18	125	↓ -05R			✓	✓		
19	126	10I075-01			✓	✓		R/R #25
20	127	↓ -02			✓	✓		↓ Check R/R X1+H/S 02.49
21	↓ 128-132	Rinses	↓					
22								
23								
24								
25								AS 9/9/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC. (ug/L)
DCC 8260	SV1-16-22-2	
DCC Ket Gas 9	-30-2	
DCC 2-Butanol	-26-2	
BF9	-19-1	
IS/SURR.	-26-2	
LCS 8260	-33-2	
LCS Ket-44	-23-2	
LCS 2-Butanol	-35-1	
	-26-1	
	SV1-12-380	

SOLVENT	ID
METHANOL	
DATA FILE	10I08

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9/9/10

Disposed By: AS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 3 ☐

Start Date: 9-9-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H132

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Oil Spike	Matrix S	Notes
01	RD 133	BFB94I07	2µL					TUNE 10:20
02	134	CV094H132	5ml/1µL					
03	135	V094I02	5ml/2µL					
04	136	C						
05	137	Rinse	25mL	1.0				
06	138	V094I03B						MB
07	139	R						MB
08	140	10I104-05			(2.0)	(4.0)		IA
09	141	-01			/	/		
10	142	-02			/	/		
11	143	-03			/	/		RR w/out bubble below
12	144	-04			/	/		
13	145	-03R			/	/		
14	146	10H632-12T	25mL	1.0	/	/		
15	147	0510675-01T	1mL	25	/	/		
16	148	-02T			/	/		
17	149	-02R	25mL	1.0	/	/		
18	150	-03M			/	/		MS
19	151	-03S			/	/		MSD 21:32
20	152	157 Rinse						
21								
22								
23								
24								
25								AS 9/10/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC. (ug/L)
DCC 8260	501-16-21-3	
DCC Kat-4	-34-2	
DCC 624	-26-2	
DCC 2-Butanol	-16-3	
BFB	-19-1	50/25 100/250
IS/SURR	-26-2	
LCS 8260	-33-2	
LCS Kat-4	-36-3	
LCS 2-Butanol	-35-1	
SOLVENT	-35-3	
METHANOL	ID	
DATA FILE	10I09	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-10-10

Disposed By: AS

22114 C

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I075

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD RSK-175
DISSOLVED GASES

A total of two (2) water samples were received on 09/07/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI010WL/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I075-02M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101075
Instrument ID : GCFD10

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DG1010WB	1	NA	09/16/1010:40	09/16/1009:40	F116003A	F116002A	DGF010W	Method Blank
LCS1W	DG1010WL	1	NA	09/16/1010:53	09/16/1009:40	F116004A	F116002A	DGF010W	Lab Control Sample (LCS)
LCD1W	DG1010WC	1	NA	09/16/1011:06	09/16/1009:40	F116005A	F116002A	DGF010W	LCS Duplicate
MW-70-PMW04A-A10	1075-01	1	NA	09/16/1015:35	09/16/1009:40	F116020A	F116013A	DGF010W	Field Sample
MW-70-PMW04A-A100L	1075-01T	1000	NA	09/16/1016:05	09/16/1009:40	F116022A	F116013A	DGF010W	Diluted Sample
MW-70-PMW04B-A10	1075-02	1	NA	09/16/1015:49	09/16/1009:40	F116021A	F116013A	DGF010W	Field Sample
MW-70-PMW04B-A100L	1075-02T	2	NA	09/16/1017:25	09/16/1009:40	F116027A	F116023A	DGF010W	Diluted Sample
MW-70-PMW04B-A10MS	1075-02M	1	NA	09/16/1016:53	09/16/1009:40	F116025A	F116023A	DGF010W	Matrix Spike Sample (MS)
MW-70-PMW04B-A10MSD	1075-02S	1	NA	09/16/1017:08	09/16/1009:40	F116026A	F116023A	DGF010W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/07/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/07/10
Batch No. : 101075	Date Extracted: 09/16/10 09:40
Sample ID: MW-70-PMW04A-A10	Date Analyzed: 09/16/10 15:35
Lab Samp ID: 1075-01	Dilution Factor: 1
Lab File ID: FI16020A	Matrix : WATER
Ext Btch ID: DGI010W	% Moisture : NA
Calib. Ref.: FI16013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.77J	2.0	0.60
ETHENE	40	2.0	0.60
METHANE	490	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101075	Date Extracted:	09/16/10 09:40
Sample ID:	MW-70-PMW04A-A10DL	Date Analyzed:	09/16/10 16:05
Lab Samp ID:	1075-01T	Dilution Factor:	1000
Lab File ID:	F116022A	Matrix :	WATER
Ext Btch ID:	DG1010W	% Moisture :	NA
Calib. Ref.:	F116013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	14000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101075	Date Extracted:	09/16/10 09:40
Sample ID:	MW-70-PMW04B-A10	Date Analyzed:	09/16/10 15:49
Lab Samp ID:	1075-02	Dilution Factor:	1
Lab File ID:	F116021A	Matrix :	WATER
Ext Batch ID:	DW1010W	% Moisture :	NA
Calib. Ref.:	F116013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.1J	2.0	0.60
METHANE	38E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT GEC, INC.	Date Collected:	09/07/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
Batch No.	: 101075	Date Extracted:	09/16/10 09:40
Sample ID	: MW-70-PMW048-A100L	Date Analyzed:	09/16/10 17:25
Lab Samp ID	: 1075-02T	Dilution Factor:	2
Lab File ID	: F116027A	Matrix	: WATER
Ext Btch ID	: DG1010W	% Moisture	: NA
Calib. Ref.	: F116023A	Instrument ID	: GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	4.0	1.2
ETHENE	ND	4.0	1.2
METHANE	34	4.0	1.2

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101075	Date Extracted:	09/16/10 09:40
Sample ID:	MBLK1W	Date Analyzed:	09/16/10 10:40
Lab Samp ID:	DGI010WB	Dilution Factor:	1
Lab File ID:	FI16003A	Matrix :	WATER
Ext Btch ID:	DGI010W	% Moisture :	NA
Calib. Ref.:	FI16002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

CHAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: DGI010WB DGI010WL DGI010WC
LAB FILE ID: FI16003A FI16004A FI16005A
DATE EXTRACTED: 09/16/1009:40 09/16/1009:40 09/16/1009:40 DATE COLLECTED: NA
DATE ANALYZED: 09/16/1010:40 09/16/1010:53 09/16/1011:06 DATE RECEIVED: 09/16/10
PREP. BATCH: DGI010W DGI010W DGI010W
CALIB. REF: FI16002A FI16002A FI16002A

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	25.0	98	25.4	24.9	98	0	70-140	30
Ethene	ND	23.7	23.6	100	23.7	23.6	100	0	70-140	30
Methane	ND	13.6	12.6	93	13.6	12.6	92	0	70-130	30

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT FFC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-PMW04B-A10		
LAB SAMP ID:	1075-02	1075-02M	1075-02S
LAB FILE ID:	FI16021A	FI16025A	FI16026A
DATE EXTRACTED:	09/16/1009:40	09/16/1009:40	09/16/1009:40
DATE ANALYZED:	09/16/1015:49	09/16/1016:53	09/16/1017:08
PREP. BATCH:	DG1010W	DG1010W	DG1010W
CALIB. REF:	FI16013A	FI16023A	FI16023A

DATE COLLECTED: 09/07/10
DATE RECEIVED: 09/07/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	22.1	87	25.4	22.3	88	1	60-140	30
Ethene	1.09J	23.7	21.6	87	23.7	21.7	87	0	20-160	30
Methane	37.9	13.6	50.0	89	13.6	52.9	110	6	10-160	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXO.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28200	29017	27385	27981	28877	28066.5	4.6

DG10F08.MET

AS
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD1D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08D05A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08D08A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670477	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10F08.MET

AB
06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init CFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont CFID & Datetime: FI16002A 09/16/2010 10:26
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	391570	13.14	-3		15
Ethylene	2.679	2.624	2.726	23.7	18047.8	421737	23.37	-2		15
Ethane	3.117	3.067	3.167	25.4	26515.2	671091	25.31	-0		15
Propane	6.008	5.921	6.095	37.3	28066.5	1057146	37.67	1		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF080U5A 06/08/2010 11:59
Conc Conc LFID & Datetime: F116013A 09/16/2010 13:07
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	29810.9	386070	12.95	-4		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	422719	23.42	-1		15
Ethane	3.117	3.067	3.167	25.4	26515.2	666205	25.13	-1		15
Propane	6.008	5.921	6.095	37.3	28066.5	1042674	37.15	-0		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI16023A 09/16/2010 16:21
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	365555	12.26	-10		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	397510	22.02	-7		15
Ethane	3.108	3.058	3.158	25.4	26515.2	625989	23.61	-7		15
Propane	5.992	5.905	6.079	37.3	28066.5	980554	34.94	-6		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: IF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F116032A 09/16/2010 18:51
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	344389	11.55	-15		15
Ethylene	2.683	2.632	2.734	23.7	18047.8	374325	20.74	-13		15
Ethane	3.117	3.067	3.167	25.4	26515.2	591166	22.30	-12		15
Propane	6.000	5.913	6.087	37.3	28066.5	982435	35.00	-6		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	16
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Rathgan) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: F108.005 - [Batch: f108.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult.
1	Unknown	IB10F102	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZ Chrom Chromatography | Method: Dg10f08.met... | Untitled Page | Calculator | Method: Dg10f08.met | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG1010 : 1214, 1118, 1075, 1153

Book #: AI0-021

Instrument No.: 10

Analytical Sequence: F116

Method File: DG10F08

Analytical Batch: CDG10F08336

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGR3 DCC SSSB-06-40-B	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/E/C_9_DGAS	

Analyzed By: SC

Date: 9/16/10

Disposed By: SC

Date Disposed: 9/16/10

4624

Method: Dg10f08.met Batch: Fi16.seq Data: Fi16.032 - [Batch: fi16.seq]

File Edit Method Batch Upload Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD Amt	Mult
1	Unknown	IB10I336	dg10F08.met	FI16.001	0	100ml	1	0	1
2	Unknown	CDG10F08336	dg10F08.met	FI16.002	0	↓	1	0	1
3	Unknown	DG1010W0	dg10F08.met	FI16.003	0		1	0	1
4	Unknown	DG1010WL	dg10F08.met	FI16.004	0		1	0	1
5	Unknown	DG1010WC	dg10F08.met	FI16.005	0		1	0	1
6	Unknown	10I214-12 RR CHYE	dg10F08.met	FI16.006	0		1	0	1
7	Unknown	10I214-12T DF=400	dg10F08.met	FI16.007	0	5ml (20x)	1	0	400
8	Unknown	10I118-01	dg10F08.met	FI16.008	0	100ml	1	0	1
9	Unknown	10I118-02	dg10F08.met	FI16.009	0	↓	1	0	1
10	Unknown	10I118-03 RR CHYE	dg10F08.met	FI16.010	0		1	0	1
11	Unknown	10I118-04 RR CHYE	dg10F08.met	FI16.011	0		1	0	1
12	Unknown	10I118-03T DF=20	dg10F08.met	FI16.012	0	5ml	1	0	20
13	Unknown	CDG10F08337	dg10F08.met	FI16.013	0	100ml	1	0	1
14	Unknown	10I118-05	dg10F08.met	FI16.014	0		1	0	1
15	Unknown	10I118-04T DF=10	dg10F08.met	FI16.015	0	10ml	1	0	10
16	Unknown	10I118-06	dg10F08.met	FI16.016	0	100ml	1	0	1
17	Unknown	10I118-07	dg10F08.met	FI16.017	0		1	0	1
18	Unknown	10I118-09 RR CHYE	dg10F08.met	FI16.018	0		1	0	1
19	Unknown	10I118-09T DF=200	dg10F08.met	FI16.019	0	5ml (10x)	1	0	200
20	Unknown	10I075-01 RR CHYE	dg10F08.met	FI16.020	0	100ml	1	0	1
21	Unknown	10I075-02 RR to Confirm, CHYE	dg10F08.met	FI16.021	0		1	0	1
22	Unknown	10I075-01T DF=1000	dg10F08.met	FI16.022	0	2ml (50x)	1	0	1000
23	Unknown	CDG10F08338	dg10F08.met	FI16.023	0	100ml	1	0	1
24	Unknown	10I075-02W Conf. only	dg10F08.met	FI16.024	0		1	0	1
25	Unknown	10I075-02H	dg10F08.met	FI16.025	0		1	0	1
26	Unknown	10I075-02S	dg10F08.met	FI16.026	0		1	0	1
27	Unknown	10I075-02T DF=2	dg10F08.met	FI16.027	0	50ml	1	0	2
28	Unknown	10I153-16	dg10F08.met	FI16.028	0	100ml	1	0	1
29	Unknown	10I153-18	dg10F08.met	FI16.029	0	↓	1	0	1
30	Unknown	NO DATA	dg10F08.met	FI16.030	0	—	1	0	1
31	Unknown	CDG10F08339 NOT evaluated	dg10F08.met	FI16.031	0	100ml	1	0	1
32	Unknown	CDG10F08339	dg10F08.met	FI16.032	0		1	0	1
33	Unknown	IB	dg10F08.met	FI16.033	0		1	0	1
34	Unknown	IB	dg10F08.met	FI16.034	0		1	0	1
35	Unknown	IB	dg10F08.met	FI16.035	0		1	0	1

SC 9/16/10

FINAL

Start | EZChrom Chromatogram | Method: Dg1008.... | Untitled - Paint | Method: Dg1008.met | Editing | Calculated | Thursday, September 16, 2010

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/16/10 Time: 9:40 End Date: 9/16/10 Time: 10:40

PREPARATION PATH: DG1010

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG1010WB	39	4	N/A	
02	L				
03	C				
04	10 I-214 -12			7	Pink Coloration
05	10 I118 - 01			<2	
06	-02				
07	-03				
08	-04				
09	-05				
10	-06				
11	-07				
12	-09				
13	10 I075 - 01			<2	
14	-02				
15	-024				
16	-025				
17	10 I153 - 16			<2	
18	-18				
19					
20					
21					SC 9/16/10
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	Air Liquide

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				SC	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-S	1600

Reagent	Lot / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-S (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

4928

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I075

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of two (2) water samples were received on 09/07/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI073WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I075-02M/S were within project QC limits.
In addition, analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client : [illegible] ENG. INC. SDG NO. : [illegible]
Project : NWS SEAL BEACH, JR SITE [illegible] Instrument ID : [illegible]

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep Batch	Notes
[illegible]	[illegible]	1	NA	09/23/1016 43	09/22/1010.30	[illegible]	[illegible]	[illegible]	Method Blank
[illegible]	[illegible]	1	NA	09/23/1016:48	09/22/1010.30	[illegible]	[illegible]	[illegible]	Lab Control Sample (LCS)
[illegible]	[illegible]	1	NA	09/23/1016:53	09/22/1010:30	[illegible]	[illegible]	[illegible]	LCS Duplicate
MW-70-PMW048-A10MS	[illegible]	1	NA	09/23/1016:58	09/22/1010:00	[illegible]	[illegible]	[illegible]	Analytical Spike Sample
MW-70-PMW048-A10	[illegible]	1	NA	09/23/1017:13	09/22/1010.00	[illegible]	[illegible]	[illegible]	Field Sample
MW-70-PMW048-A10DL	[illegible]	5	NA	09/23/1017:08	09/22/1010.00	[illegible]	[illegible]	[illegible]	Diluted Sample
MW-70-PMW048-A10MS	[illegible]	1	NA	09/23/1017:13	09/22/1010:00	[illegible]	[illegible]	[illegible]	Matrix Spike Sample (MS)
MW-70-PMW048-A10MSD	[illegible]	1	NA	09/23/1017:18	09/22/1010:00	[illegible]	[illegible]	[illegible]	MS Duplicate (MSD)
MW-70-PMW048-A10	[illegible]	1	NA	09/23/1017:24	09/22/1010:00	[illegible]	[illegible]	[illegible]	Field Sample

FN - Filename
% Moist Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ECO. INC.	Date Collected:	09/07/10 10:36
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/07/10
SDG NO.	: ID1075	Date Extracted:	09/22/10 10:00
Sample ID:	MW-70-PMW04A-A10	Date Analyzed:	09/23/10 17:28
Lab Samp ID:	1075 01	Dilution Factor:	1
Lab File ID:	ID81024062	Matrix	: WATER
Ext Btch ID:	IP1073W	% Moisture	: NA
Calib. Ref.:	ID81024042	Instrument ID	: EMAXTI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00600
Iron	0.329	0.200	0.0400
Manganese	0.224	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY ICP/OES ICP

Client	: INSIGHT GEO. INC	Date Collected:	09/07/10 11:50
Project	: NWS SEAL BEACH, IR SITE 70	Date Received:	09/07/10
SDG NO.	: 101075	Date Extracted:	09/22/10 10:00
Sample ID.	MW 70 PMWC4B-A10	Date Analyzed:	09/23/10 17:03
Lab Samp ID:	1075 02	Dilution Factor:	1
Lab File ID:	ID8102404A	Matrix	: WATER
Ext Batch ID:	IPI073W	% Moisture	NA
Calib. Ref.:	ID8102404Z	Instrument ID	: IMAXID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.380	0.200	0.0400
Manganese	0.221	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ENG. INC	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/22/10
SDG NO.	: 101075	Date Extracted:	09/22/10 10:00
Sample ID:	MBLKIW	Date Analyzed	09/23/10 16:43
Lab Samp ID:	IPIC73WB	Dilution Factor:	1
Lab File ID:	ID8I024C44	Matrix	: WATER
Ext Batch ID:	IPIC73W	% Moisture	: NA
Calib. Ref.:	ID9I024C42	Instrument ID	: EMAXICP6

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

TMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO. INC.
PROJECT: NWS SEA. BEACH, IN SITE 70
SDG NO.: 101075
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILTN FACTR: 1 1 1
SAMPLE ID: MBLKIW
CONTROL NO.: IPI073WB IPI073WL IPI073WC
LAB FILE ID: 1081024044 1081024045 1081024046
DATIME EXTRCTD: 09/22/1010:00 09/22/1010:00 09/22/1010:00 DATE COLLECTED: NA
DATIME ANALYZD: 09/23/1016:41 09/23/1016:48 09/23/1016:53 DATE RECEIVED: 09/22/10
PREP. BATCH: IPI073W IPI073W IPI073W
CALIB. REF: 1081024042 1081024042 1081024042

ACCESSION:

PARAMETER	BLNK RSLT mg/l	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/l	BSD RSLT mg/l	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.529	106	.5	.523	106	0	80-120	20
Iron	ND	.5	5.22	104	.5	5.2	104	0	80-120	20
Manganese	ND	.5	.48	96	.5	.481	96	0	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT ECO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101075
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA
DILUTN FACTR: 1 | 1 | 1
SAMPLE ID.: MW 70 RMW040 A10
CONTROL NO: 1076 02 | 1076 02M | 1076 02S
LAB FILE ID: ID81024048 | ID81024050 | ID81024051
DATTIME EXTRCTD.: 09/22/1010:00 | 09/22/1010:00 | 09/22/1010:00 | DATE COLLECTED: 09/07/10 11:50
DATTIME ANALYZD: 09/23/1017:03 | 09/23/1017:13 | 09/23/1017:18 | DATE RECEIVED: 09/07/10
PREP. BATCH: IPI073W | IPI073W | IPI073W
CALIB. REF: ID81024042 | ID81024042 | ID81024042

ACCESSION:

PARAMETER	SMPL RSLT mg/L	SPIKE AMT mg/L	MS RSLT mg/L	MS % REC	SPIKE AMT mg/L	MSD RSLT mg/L	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.556	111	.5	.544	109	2	75-125	20
Iron	.38	5	5.66	106	5	5.44	101	4	75-125	20
Manganese	.221	.5	.706	97	.5	.682	94	2	75-125	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT ECO. INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1010/5
METHOD: METHOD 3010A/6010B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	5
SAMPLE ID	MW-70-PMW04B-A10	MW-70-PMW04B-A10DI
EMAX SAMP ID:	1075-02	1075-02J
LAB FILE ID:	108I024048	108I024049
DATE EXTRACTED	09/22/1010:00	09/22/1010:00
DATE ANALYZED	09/23/1017:03	09/23/1017:08
PREP. BATCH	IPI073W	IPI073W
CALIB. REF:	108I024042	108I024042

DATE COLLECTED 09/07/10 11:50
DATE RECEIVED 09/07/10

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	CC LIMIT (%)
Arsenic	ND	ND	u	10
Iron	0.380	0.370J	NA	10
Manganese	0.221	0.214J	NA	10

FMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT EEC. INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 10C75
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILTN FACTR: 1 1
SAMPLE ID: MW-70-PMW048-A10
CONTROL NO.: 10/5 02 10/5-02A
LAB FILE ID: 108I024048 108I024047
DATIME EXTRCTD: 09/22/1010.00 09/22/1010.00 DATE COLLECTED: 09/07/10 1[illegible]:50
DATIME ANALYZD: 09/23/1017:03 09/23/1016:58 DATE RECEIVED: 09/07/10
PREP. BATCH: IPI073W IPI073W
CALIB. REF: 108I024042 108I024042

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Arsenic	ND	.5	.559	112	75-125
Iron	38	5	5.6	104	75-125
Manganese	221	.5	.695	95	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/23/10 12:50

End Date: 9/24/10 11:53

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

I097-03 NA200
06
-13
17
I129-02
04
- I235-14 dried & sieved cancelled.
CW19/CCB19 mis-positioned due to deletion of I235-14 in sequence.

Book #: AD8-016

Instrument No.: D8

Analytical Batch: 1D8I02M

Analytical Sequence: S-1D16010(V37)

Method File: 1D16010(V37)

Database: Emax12

	STANDARDS ID		STANDARDS ID
S0	SM1B14-05-01	S3D	SM1B14-02-03
S1	NA	S3L	02-04
S2		ICV	SM1B12-94-02
S3		CCV	SM1B12-04-02
S4		ICSA	06-01
S5		ICSAB	03-03
S6		CRI/MRL	NA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B12-8501
S10		MRL2	8502
S11			
S12			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12-100-02		
S27	100-03		
S28	SM1B14-02-01		
S29	02-02		

Analyzed By: YH

Date: 9/23/10

SCHEDULE FILE - ID81024

4-18	19-32	34-43	44-50	54-63
[illegible]	[illegible]	TIME	DATE	[illegible]
ID81024001	Black	12:51	09/23/10	1.000
ID81024017	521	12:55	09/23/10	1.000
ID81024003	521	13:00	09/23/10	1.000
ID81024004	522	13:05	09/23/10	1.000
ID81024005	523	13:10	09/23/10	1.000
ID81024006	524	13:16	09/23/10	1.000
ID81024007	525	13:21	09/23/10	1.000
ID81024008	526	13:25	09/23/10	1.000
ID81024009	527	13:31	09/23/10	1.000
ID81024010	528	13:36	09/23/10	1.000
ID81024011	529	13:42	09/23/10	1.000
ID81024012	530	13:47	09/23/10	1.000
ID81024013	531	13:52	09/23/10	1.000
ID81024014	[illegible]	13:57	09/23/10	1.000
ID81024015	[illegible]	14:02	09/23/10	1.000
ID81024015	MRL2401	14:07	09/23/10	1.000
ID81024017	MRL2402	14:12	09/23/10	1.000
ID81024018	[illegible]	14:17	09/23/10	1.000
ID81024019	[illegible]	14:22	09/23/10	1.000
ID81024020	[illegible]	14:31	09/23/10	1.000
ID81024021	[illegible]	14:36	09/23/10	1.000
ID81024022	JP[illegible]	14:41	09/23/10	1.000
ID81024023	[illegible]	14:46	09/23/10	1.000
ID81024024	[illegible]	14:51	09/23/10	1.000
ID81024025	[illegible]	14:56	09/23/10	1.000
ID81024026	1320-01	15:01	09/23/10	1.000
ID81024027	1320-01[illegible]	15:06	09/23/10	5.000
ID81024028	1320-02	15:11	09/23/10	1.000
ID81024029	1320-03	15:16	09/23/10	1.000
ID81024030	1320-04	15:21	09/23/10	1.000
ID81024031	[illegible]	15:26	09/23/10	1.000
ID81024032	[illegible]	15:36	09/23/10	1.000
ID81024033	JP[illegible]	15:41	09/23/10	1.000
ID81024034	JP[illegible]	15:46	09/23/10	1.000
ID81024035	JP[illegible]	15:51	09/23/10	1.000
ID81024036	1320-014	15:55	09/23/10	1.000
ID81024037	1320-015	16:00	09/23/10	1.000
ID81024038	1320-01[illegible]	16:05	09/23/10	5.000
ID81024039	1320-01A	16:14	09/23/10	1.000
ID81024040	1320-01[illegible]	16:19	09/23/10	1.000
ID81024041	1320-015	16:24	09/23/10	1.000
ID81024042	0040	16:29	09/23/10	1.000
ID81024043	0030	16:38	09/23/10	1.000
ID81024044	JP1073W3	16:43	09/23/10	1.000
ID81024045	JP1073WL	16:48	09/23/10	1.000
ID81024046	JP1073WC	16:53	09/23/10	1.000
ID81024047	1075-02A	16:58	09/23/10	1.000
ID81024048	1075-02	17:03	09/23/10	1.000
ID81024049	1075-02[illegible]	17:08	09/23/10	5.000
ID81024050	1075-02M	17:13	09/23/10	1.000
ID81024051	1075-02S	17:18	09/23/10	1.000
ID81024052	1075-01	17:24	09/23/10	1.000
ID81024053	1075-24	17:29	09/23/10	1.000
ID81024054	0074	17:38	09/23/10	1.000

1081024055	CC34	17:43	09/23/10	1.000
1081024056	1097-02	17:49	09/23/10	1.000
1081024057	1097-03	17:53	09/23/10	1.000
1081024058	1097-06	17:58	09/23/10	1.000
1081024059	1097-08	18:02	09/23/10	1.000
1081024060	1097-13	18:13	09/23/10	1.000
1081024061	1097-15	18:14	09/23/10	1.000
1081024062	1097-16	18:19	09/23/10	1.000
1081024063	1097-17	18:24	09/23/10	1.000
1081024064	1091-01	18:30	09/23/10	1.000
1081024065	1091-02	18:35	09/23/10	1.000
1081024066	CC45	18:45	09/23/10	1.000
1081024067	CC35	18:51	09/23/10	1.000
1081024068	1012-10	18:56	09/23/10	1.000
1081024069	1012-11	18:01	09/23/10	1.000
1081024070	1089-08	18:07	09/23/10	1.000
1081024071	1089-09	18:12	09/23/10	1.000
1081024072	1086-12	18:17	09/23/10	1.000
1081024073	1125-02	18:22	09/23/10	1.000
1081024074	1125-04	18:27	09/23/10	1.000
1081024075	CC45	18:30	09/23/10	1.000
1081024076	CC36	18:42	09/23/10	1.000
1081024077	1P1077NB	18:48	09/23/10	1.000
1081024078	1P1077NL	18:53	09/23/10	1.000
1081024079	1P1077NC	18:58	09/23/10	1.000
1081024080	1120-014	20:03	09/23/10	1.000
1081024081	1120-01	20:09	09/23/10	1.000
1081024082	1120-013	20:14	09/23/10	5.000
1081024083	1T3A2	20:23	09/23/10	1.000
1081024084	1T3A82	20:28	09/23/10	1.000
1081024085	CC27	20:37	09/23/10	1.000
1081024086	CC37	20:44	09/23/10	1.000
1081024087	1P1C7050	20:49	09/23/10	1.000
1081024088	1P1C7050	20:54	09/23/10	1.000
1081024089	1P1C7050	20:59	09/23/10	1.000
1081024090	1296-014	21:04	09/23/10	1.000
1081024091	1296-014	21:13	09/23/10	1.000
1081024092	1296-013	21:18	09/23/10	5.000
1081024093	1221-044	21:23	09/23/10	1.000
1081024094	1221-044	21:27	09/23/10	1.000
1081024095	1221-040	21:33	09/23/10	5.000
1081024096	CC48	21:42	09/23/10	1.000
1081024097	CC45	21:46	09/23/10	1.000
1081024098	1P1C7256	21:54	09/23/10	1.000
1081024099	1P1C7256	21:59	09/23/10	1.000
1081024100	1P1C7250	22:04	09/23/10	1.000
1081024101	1077-01A	22:08	09/23/10	1.000
1081024102	1077-01	22:14	09/23/10	1.000
1081024103	1077-01J	22:19	09/23/10	5.000
1081024104	1077-01M	22:24	09/23/10	1.000
1081024105	1077-01S	22:29	09/23/10	1.000
1081024106	1077-02	22:34	09/23/10	1.000
1081024107	1077-03	22:41	09/23/10	1.000
1081024108	CC49	22:49	09/23/10	1.000
1081024109	CC63	22:54	09/23/10	1.000
1081024110	1077-04	22:59	09/23/10	1.000
1081024111	1077-05	23:04	09/23/10	1.000

ID81024112	1077-09	23:25	09/23/10	1.000
ID81024113	1077-07	23:15	09/23/10	1.000
ID81024114	1077-08	23:20	09/23/10	1.000
ID81024115	1077-09	23:25	09/23/10	1.000
ID81024116	1077-10	23:30	09/23/10	1.000
ID81024117	1077-11	23:34	09/23/10	1.000
ID81024118	1077-12	23:40	09/23/10	1.000
ID81024119	1077-13	23:45	09/23/10	1.000
ID81024120	CC120	23:54	09/23/10	1.000
ID81024121	CC210	23:59	09/23/10	1.000
ID81024122	1077-14	00:04	09/24/10	1.000
ID81024123	1077-15	00:10	09/24/10	1.000
ID81024124	1077-16	00:15	09/24/10	1.000
ID81024125	1077-17	00:20	09/24/10	1.000
ID81024126	1077-18	00:25	09/24/10	1.000
ID81024127	1077-19	00:30	09/24/10	1.000
ID81024128	1077-20	00:35	09/24/10	1.000
ID81024129	CC311	00:44	09/24/10	1.000
ID81024130	CC411	00:49	09/24/10	1.000
ID81024131	1010656	00:54	09/24/10	1.000
ID81024132	1461-014	00:59	09/24/10	1.000
ID81024133	1461-01	01:04	09/24/10	1.000
ID81024134	1461-011	01:10	09/24/10	5.000
ID81024135	1461-01K	01:15	09/24/10	1.000
ID81024136	1461-015	01:20	09/24/10	1.000
ID81024137	1462-03	01:25	09/24/10	1.000
ID81024138	1462-04	01:30	09/24/10	1.000
ID81024139	1494-01	01:35	09/24/10	1.000
ID81024140	CC412	01:46	09/24/10	1.000
ID81024141	CC512	01:51	09/24/10	1.000
ID81024142	IP106653	01:56	09/24/10	1.000
ID81024143	IP106654	02:02	09/24/10	1.000
ID81024144	IP105551	02:06	09/24/10	1.000
ID81024145	1235-014	02:11	09/24/10	10.00
ID81024146	1235-015	02:16	09/24/10	10.00
ID81024147	1235-016	02:21	09/24/10	10.00
ID81024148	1235-017	02:26	09/24/10	10.00
ID81024149	1235-018	02:31	09/24/10	10.00
ID81024150	1235-027	02:36	09/24/10	10.00
ID81024151	1235-031	02:41	09/24/10	10.00
ID81024152	CC413	02:50	09/24/10	1.000
ID81024153	CC513	02:55	09/24/10	1.000
ID81024154	1235-041	03:00	09/24/10	10.00
ID81024155	1235-057	03:06	09/24/10	10.00
ID81024156	1235-067	03:10	09/24/10	10.00
ID81024157	1235-077	03:15	09/24/10	10.00
ID81024158	1235-087	03:20	09/24/10	10.00
ID81024159	1235-097	03:25	09/24/10	10.00
ID81024160	1235-107	03:30	09/24/10	10.00
ID81024161	1235-117	03:36	09/24/10	10.00
ID81024162	1235-127	03:41	09/24/10	10.00
ID81024163	1235-147	03:46	09/24/10	10.00
ID81024164	CC414	03:55	09/24/10	1.000
ID81024165	CC514	04:00	09/24/10	1.000
ID81024166	1235-167	04:05	09/24/10	10.00
ID81024167	1235-187	04:10	09/24/10	10.00
ID81024168	1235-177	04:15	09/24/10	10.00

ID81024169	I235-187	04:25	09/24/10	10.30
ID81024170	I235-187	04:25	09/24/10	10.30
ID81024171	I235-287	04:30	09/24/10	10.30
ID81024172	I235-217	04:35	09/24/10	10.30
ID81024173	CC916	04:44	09/24/10	1.000
ID81024174	CC916	04:49	09/24/10	1.000
ID81024175	IP103559	04:54	09/24/10	1.000
ID81024176	IP10755L	04:55	09/24/10	1.000
ID81024177	IP10755C	05:04	09/24/10	1.000
ID81024178	I187-01A	05:09	09/24/10	1.000
ID81024179	I187-01	05:14	09/24/10	1.000
ID81024180	I187-01J	05:19	09/24/10	1.000
ID81024181	I187-01M	05:24	09/24/10	1.000
ID81024182	I187-01S	05:29	09/24/10	1.000
ID81024183	I187-02	05:34	09/24/10	1.000
ID81024184	I187-02	05:39	09/24/10	1.000
ID81024185	CC916	05:44	09/24/10	1.000
ID81024186	CC916	05:50	09/24/10	1.000
ID81024187	I187-04	05:54	09/24/10	1.000
ID81024188	I187-05	06:03	09/24/10	1.000
ID81024189	I187-06	06:08	09/24/10	1.000
ID81024190	I187-07	06:13	09/24/10	1.000
ID81024191	I187-08	06:18	09/24/10	1.000
ID81024192	I187-09	06:23	09/24/10	1.000
ID81024193	I187-10	06:29	09/24/10	1.000
ID81024194	IC5A3	06:34	09/24/10	1.000
ID81024195	IC5AB3	06:42	09/24/10	1.000
ID81024196	CC913	06:51	09/24/10	1.000
ID81024197	CC913	06:56	09/24/10	1.000
ID81024198	IP107156	07:02	09/24/10	1.000
ID81024199	IP107151	07:07	09/24/10	1.000
ID81024200	IP107150	07:12	09/24/10	1.000
ID81024201	I235-01A	07:17	09/24/10	1.000
ID81024202	I235-01	07:22	09/24/10	1.000
ID81024203	I235-01J	07:27	09/24/10	5.000
ID81024204	I235-01M	07:32	09/24/10	1.000
ID81024205	I235-01S	07:37	09/24/10	1.000
ID81024206	I235-02	07:42	09/24/10	1.000
ID81024207	I235-03	07:47	09/24/10	1.000
ID81024208	CC912	07:57	09/24/10	1.000
ID81024209	CC912	08:02	09/24/10	1.000
ID81024210	I235-04	08:07	09/24/10	1.000
ID81024211	I235-05	08:12	09/24/10	1.000
ID81024212	I235-06	08:17	09/24/10	1.000
ID81024213	I235-07	08:22	09/24/10	1.000
ID81024214	I235-08	08:28	09/24/10	1.000
ID81024215	I235-09	08:33	09/24/10	1.000
ID81024216	I235-10	08:38	09/24/10	1.000
ID81024217	I235-11	08:43	09/24/10	1.000
ID81024218	I235-12	08:48	09/24/10	1.000
ID81024219	CC915	08:57	09/24/10	1.000
ID81024220	CC915	09:02	09/24/10	1.000
ID81024221	I235-15	09:07	09/24/10	1.000
ID81024222	I235-16	09:13	09/24/10	1.000
ID81024223	I235-17	09:18	09/24/10	1.000
ID81024224	I235-18	09:23	09/24/10	1.000
ID81024225	I235-19	09:28	09/24/10	1.000

[08]024226	1235-20	09:33	09/24/10	1.000
[08]024227	1235-21	09:39	09/24/10	1.000
[08]024228	00920	09:47	09/24/10	1.000
[08]024229	00921	09:52	09/24/10	1.000
[08]024230	1225-04W	10:07	09/24/10	1.000
[08]024231	1225-05W	10:11	09/24/10	1.000
[08]024232	1235-06W	10:15	09/24/10	1.000
[08]024233	1225-07W	10:23	09/24/10	1.000
[08]024234	1235-08W	10:26	09/24/10	1.000
[08]024235	1235-09W	10:33	09/24/10	1.000
[08]024236	1235-10W	10:36	09/24/10	1.000
[08]024237	1235-11W	10:43	09/24/10	1.000
[08]024238	1235-12W	10:46	09/24/10	1.000
[08]024239	00921	10:58	09/24/10	1.000
[08]024240	00921	11:02	09/24/10	1.000
[08]024241	1235-15W	11:08	09/24/10	1.000
[08]024242	1235-16W	11:13	09/24/10	1.000
[08]024243	1235-17W	11:18	09/24/10	1.000
[08]024244	1235-18W	11:23	09/24/10	1.000
[08]024245	1235-19W	11:28	09/24/10	1.000
[08]024246	1235-20W	11:33	09/24/10	1.000
[08]024247	1235-21W	11:39	09/24/10	1.000
[08]024248	00922	11:48	09/24/10	1.000
[08]024249	00922	11:55	09/24/10	1.000

VERSION 10A UNIT X SUMMARY of ICP and CCP : 1081074 DATE 09:23:19 INST - EMAC

ANALYTE	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	-	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----
S10	----	----	----	-	-	----	- -	---	----	----	----	----	----	- -	--	----	-	---	----	----	--	----	----	----	----	----	----	----
S11	----	---	----	----	----	----	----	- --		---	----	-	----	----	----	----	-- -	----	----	---	---	----	-	----	----	----	---	--
S12	---	----	--	---	---	- -	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	- -	----
S13	----	----	----	----	----	----	----	-	-	----	-		----	----	----	---	- -	----	--	--	----	----	-	----	----	----	---	
S14	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	-		----	----	---	---	----		----	----	----	---	- -
S15	--	----	----		---	----	----	----	----	----	----	----	--	--	- -	----	----	----	----	----	----	---	----	-		----	----	--
S16	----	----	--	----	----	----	----	-		---	-	--	----	----	-	--	----	- -	- --	----	----	----	----	----	- --	---	----	----
S17	----	----	----	----	----	----	----	----	----	----	---		----	-	----	--	-- -	----	----	----	----	----	----	----	----	----	----	----
S18	----		----	---	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	--	----	----	----	---	----
S19	----	----	----	----	----	----	----	----	----	--	-	----		----	--	---	----	----	----	----	----	--	----	----	----	-	----	----
S20	----	-	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----		----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	--	----	----	-	----	-- -	----	----	----	----	----	----	--	----	--	----	-	----	---
1K7	104	101	102	99	102	97	100	99	94	91	98	94	92	96	93	93	97	98	98	100	99	102	95	94	96	96	99	103
1L8	----	----	----	----	----	----	----		----	--	----	----	-	--	-- -	----	----	----	----	---	----	----	----	-	----	- -	---	
HBL2431	----	-	----	-	--	---	-	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----
HBL2432	-- -	----		----	----	----	----	----	- -	--	---	-	----	----	----	--	----	----	----	----	----	----	----	---	----	----	-	--
1C541	96	----		----	----	----	----	93	----	----	----	93	----	----	95	----	-	----	--	- -	----	----	----	----	----	----	----	----
1C5A51	99	103	103	103	98	94	100	92	90	91	100	91	89	101	93	87	102	95	102	104	109	105	95	87	95	96	96	101
1C42	101	104	104	102	106	100	102	102	101	95	101	99	96	99	95	94	102	101	101	105	1.9	103	98	96	100	100	102	105
1C81	----	--	----	---	----	----	----	----	----	--	----	----	----	--	----	---	---	----	----	----	----	----	----	----	----	--	----	----
1P1076W3	-	----	----	----	----	----	----	----	----	---		----	---	----	----	----	----	----	----	----	----	----	----	----	---	----	---	----
1P1076W1	----	-		----	----			----		----	----		----	-	----	-	----	----	----	----	----	----	----	---	----		----	--
1P1076W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	---	-	----
1212121	--	----	----	---	---	-- -	----	----	----	-- -	----	----	----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	----
1323-01	----	----	- --	----	---	----	----	----	----	----	----	---	---	----	----	----	----	----	- --	--	----	----	- --	---	----	- -	----	---
1323-01	----	---	---	--	----	----		----		--	----	----	----	-	----	- -	----	----	----	----	----	- -	----			----	----	-
1323-02	----	----	----	----	-- -	----	----	----	----	----	----	----	----	----	----	----	- -	-	----	----	----	----	----	----	----	--	----	----
1323-03	----			----	----	-		-	-	----	---			--	--	----	----	----	-	---	---	----	----	----	----	----	----	----
1323-04	----	----	----	--	-	----	----	----	----	---	----	----	----	----	--	---	---	----	----	----	----	-- -	----	- -	--	-	----	
1CV2	103	104	103	102	106	99	102	102	100	94	100	98	96	99	95	93	101	100	99	105	102	102	97	95	100	100	102	107
1CR5	-	----		----	----	----	----		----	--	----	---		----	----	----	----	----	--	----	-	----	----	----	----	----	-	-
1P1073W	----	-	----	--	-	----		----	----	----	----		----	----	--	--	----	----	----	----	----	-- -		----		----	----	----
1P1073W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----		----	----	----	----	----		----	-	--	-
1P1073W	---	---	-	-	---		- -	----		-		----		--	- -	----	----	----	----	---	--	---	----	----	----	----	----	----
1296-01A	----	- --	----	----	----	----	----	----	----	----	----	----	----	----	---		----	- --	----	----	----	-- -	- --	---	-	--	----	----
1296-01A		----	- -	-	--	- -	----	----		- -	- -	----		--	- -	---	---	----	- --	---	--	--	----	---	-- -	----	- -	---
1275-01	----			----	--	-		-	---	----		--		----	- -	---	-- -	----	----	---	--	---	- --	----	----	----	----	----
1323-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	--		----	----	--	----		----	----	---	----	----
1323-01B	-	----	----	----	----	----	----	----	----	-- -	----	----	----	----	----	----	---	----	-	- --	----	----	----	----	----	---	--	-
1323-01S	---	---		----	--	-	----	--	----	--	---	----	----	----	----	----	---	----	-	- --	----	----	----	----	----	----	-	
1CV3	104	104	102	103	106	99	102	103	101	95	102	99	96	99	96	94	101	102	99	104	102	102	97	96	101	100	102	107
1CR3	----	- -	- -	---	----	- --	- -	- -	- -	----	-	---	- -	----	--	---	----	- --	----	--	----	---	--	--	- -	----	---	---
1P1073W5	---	---	-	----	---		----		----	--	-	----	----	----	- -	----	----	----	--	-	----	----	----	----	----	----	-	--
1P1073W1	----	----	---	----	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	----	-	--	----	---	----	----	----
1P1073W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----	----	----	-	-	----	---	----	----	----
1076-02A	----	-	----		----		----	----		--	---	----	-	----	----	---	----	-	----	----	----	- -	-	----	-	----	----	----
1076-12	----	--	----	---	-	----		----	--	--		----		----	----	----	----	----		---	-- -	----	----	----	-- -	--	----	---
1076-12A	-	- -	----	---	--	- --	- --	----	--	----	- --	----	--	- -	----	-- -	--	---	- --	---	-- -	----	----	---	-- -	- -	----	--
1C 5-12A	----	--	----	--	--	---		----		---	--	----		----	----	----	----	----	- -	-	----	-		----	--	----	----	----
1076-02S	----	-	----	-	--		----	----	-	--	----	----	-	----	----	----	----	----	-	--	----	----	----	----	----	-	----	--
1076-01	----	-	----	---	--	---		----	-	--	-	----		----	----	----	----	----	--	---	----	----	----	----	----	-	----	
1077-24	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	--	----	----	----	----	-	----	- --	----	----	--	----	-
1CV4	105	104	104	101	105	100	102	103	101	95	101	100	95	99	96	95	101	100	99	104	102	104	98	95	101	100	102	107

C094	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1098-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1098-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1091-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1091-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C095	104	104	105	101	105	103	102	104	101	96	101	101	96	100	96	95	101	100	99	105	103	105	98	96	101	102	107	108
C095	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1112-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1112-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1088-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1095-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1096-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1129-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1129-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C096	102	104	105	102	105	101	102	104	107	95	100	99	96	100	97	96	101	100	103	105	104	104	98	96	100	106	103	108
C096	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C05A2	96	----	----	----	----	----	----	95	----	----	----	95	----	----	96	----	----	----	----	----	----	----	----	----	----	----	----	----
C05AB2	99	106	109	105	101	99	101	96	96	92	102	95	91	103	97	91	101	96	105	108	109	109	97	90	96	98	99	105
C097	102	104	107	108	105	107	102	104	103	95	100	99	96	100	97	95	101	99	104	108	104	105	99	96	99	101	102	108
C097	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077GB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077GL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077GC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C098	107	104	105	104	104	102	102	104	103	95	100	100	97	102	96	97	102	101	100	108	104	107	100	98	99	99	102	108
C098	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077GR	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077GL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1077WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C099	102	105	109	105	104	103	102	104	102	96	102	103	96	102	96	97	102	100	104	110	104	107	104	97	95	100	102	109
C099	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1077-06	----	-		----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	- -		----	----	----	----
1077-07	--	----	----	----	---				--	- -	----	----	----	----	----	----	---	----	----	----	----	----	----	----	---		----	----
1077-08	----	----		----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----		-	----	----	----	----	----
1077-09	----	----	----	----	----	-			--	---	----	----	----	----	----	----	---	----	----	----	----	----	----	----	--		----	----
1077-10	----	----		----	----	----	- --	----	----	----	----	----	----	----	- -	--	----	----	-	----	----	----	----	----	----	----		
1077-11	---		---	----	----	----	----	----	----	----	- --	--	----	----	----		----	----	---	-	---	----	----	----	----	----	- -	----	----
1077-12	----	----	---		----	----	----	----	----	----	----	----	----	----	----	----	--	- --	----	----	--	----	----	--	---	----	----	----	----
1077-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	--	----	----	----	----	- -	- -	----	----	----
CC910	104	104	109	105	104	103	102	105	103	95	104	102	97	103	95	90	102	101	107	108	105	109	109	99	99	99	102	108
CC810	----	----	----	----	-		-	----	----	----	----	----	----	----	-	---	----	----	----	--	----	----	----	----	----	----	---	
1077-14	----	- -	----	-	----	----	----	----	-- -	-			----	----	----	----	--	----	----	----	- --	----	----		----	- --	----	----
1077-15	----	----	----	----	----	-		----	----	----	----	----	----	----	----	----	-	----	----	-- -	----	--	----	----	- --	----	----	----
1077-16	----	----		---	----	----	----	----	----	----	----	----	----	----	---	---	----	----	---	---	----	----	----	---	----	----	----	----
1077-17	----	----	----	----	----	----	----		--	----	----	----	----	----	----	----	---	----	----	----	----	---	----	----	----	----	----	----
1077-18	----	----	----		----	----	----	----	----	----	----	----	----	----	----	--	----	---	---	----	----	----	- --	---	----	----	----	----
1077-19		---	----	----	----	----	---	--			----	----	----	----	----	----	--	----	----	----	----	---	----	----	----	----	----	----
1077-20	----	--	----	--	-	---	--	---	----	----	----	----	- -	---	--	----	----	---	--	----	----	----	-- -	-	----	----	- --	----
CC911	102	104	110	105	104	103	102	105	104	94	103	101	97	102	95	96	102	100	104	110	105	108	106	98	99	99	102	109
CC811	----	----		----	----	----	----	----	----	----	----	----	----	---	---	----	----	-	----	----	----	----	----	-	----	----	----	----
7X13068B	---	----	----	----	----	----	----	----	--		--	----	----	----	----	----	----	----	---	----	----	----	----	----	----		----	----
1461-01A	----	----	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	- -	----	----	----	----	----		----	----	----	----
1461-01		----	----	----	----	----	----	----	-- -			----	----	----	---	---	----	----	--	----	----	----	----	----	---		----	----
1461-01J		-- -	----	----	---	----	----	-	----	----	----	----	----	---	----	---	---	----	-- -	--	---	-- -	----	- -	----	----	- --	----
1461-01P	----	--	----	----	----	----	----	----	----		--	----	----	----	----	----	-	----	----	----	--	----	----	----	----	----	----	--
1461-01S	----	----	----	--	--	----	----	----	----	----	----	----	----	----	- -	----	----	----	--	----	----	-	----	----	----	----	----	----
1462-03	--	----	----	----	----	--		----	----	----	----	----	----	----	----	-	----	----	----	---	----	----	----	----	----		----	----
1462-04	----	----		----	----	----	----	----	----	----	----	----	--	--	----	---	----	----	----	--	---	----	----	----	----	----		----
1484-01	----	----	---	---	----	----	----	- --	----	-- -	----	----	----	-	----	----	---	---	----	----	----	----	-	----	----	----		---
CC912	102	104	110	105	103	103	102	105	104	94	104	102	97	102	95	97	102	103	102	110	105	108	101	99	99	98	102	109
CC812	--	----	----	----	----	----	---		---	----	----	----	----	----	----	- -	----	----		----	----	----	--	---	----	----	----	----
IP106656	----	-	- --	----	----	----	----	----	--		---	----	----	----	----	----	- -	----	----	----	- -	----	----	----	----	----	-	---
IP10665-	----	----	----	----	----		-	----	----	----	----	----	-- -	-	----	----	----	--	----	----	----	----		----	----	----	----	----
IP106650	---	--	---	----	----	----	----	----			---	----	----	----	----	----	--	----	----	-- -		----	----	----		----	----	----
1235-01A	----	-	---	- -	----	----	----	----	-- -	-		---	----	----	----	----	-	- -	----	-- -	--	----	----	----	----	----	- -	
1235-01F	- --	----	---	-	----	----	----	----	----	----	----	----	-	--	---	--	----	----	-- -	----		- --	----	----	----		---	-- -
1235-01J	----	----	----	----	----	--		---	----	----	----	----	----	----		----	----	----	--	---	----	----	----		----	----	----	----
1235-01P	----	----		----	----	----	----	--			---	----	----	----	----	----	-	----	----	----	--	---	----	----	----		---	----	----
1235-01S	----	----	----	-		----	----	----	----	----	----	----	----	---		----	----	----	-	---	----	----	---	---	----	----	-	---	----
1235-02T	----	----	----	----	----	---		--	- --	----	----	----	----	----	-	----	----	----	-	----	----	----	-	---	----	----	----	----	----
1235-03T	--	---	----	- -	----	-	-	----	----	---	-- -	- -		---	--	- -	---	--	----	--	--	----	----	---		----	-- -	----
CC913	101	104	110	106	104	102	102	104	104	95	103	100	97	103	95	90	102	103	105	110	107	106	100	99	98	99	102	105
CC813	-	----	----	----	----	----	----			---	----	----	----	--	---	----	----	----	----	----	----	----	--	----	----	----	----	-
1235-04T	--	--	----	----	----	----	----	----	---			---	----	----	----		----	----	----	----	--	---	----	---	----	----	----	-
1235-05T	----	--	-	----	----	----	----	----	----	----	-- -		----	----	----	--	----	----	----	----		----	----	----	----	-	----	----
1235-06T	----	----	----	----	----	--		----	----	----	----	----	----	--	---	- --		-	----	----	----	--	---	----	----	----		----
1235-07T	----	----	--	-	---	----	- -	- -	----		----	----	-- -	- -	---	- --	---	-- -	---	----	-- -	--	----	----	----	----	-	----
1235-08T	---	----	----	-	---	----	----	----	----	----	----	----	----	--	----	----	--	----	- --	----	----	-	----	----	----	--	----	----
1235-09T	---	--	----	----	----	----	----	----	--		--	----	----	----	---	---	----	--	----	----	----	---	----	----	----	----	--	----
1235-10T	----	-	----	----	----	----	----	----	---		-	----	----	----	---	---	----	----	----	---	----	----	---	---	----	----	----	----
1235-11T	----	----	----	--	-	----	----	----	----		-	---	----	----	---	---	----	----	----	---	----	----	--	----	----	----	----	-
1235-12T	----	----	----	---		----	----	----	----	----	---	---	--	----	----	---	- -	----	----	----	----	----	----	----	----	----	----	-
1235-13T	- -	-	----	---	----	- --	----	----	----		---	-	----	----	--	----	----	----	----	----	----	----	-	----	----	- --	----	-- -
CC914	102	104	111	106	104	102	102	104	104	95	103	101	97	103	95	97	102	110	104	110	105	109	101	98	99	99	102	108
CC814	----	----	----	--	--	----	----	----	----	----	----	-	----	----	----	----	--	----	----	- -	----	----	-	----	----	----	----	-
1235-13V	----	--	----	----	----		--	----	----	----	----	----	--	---	----	----	---	----	----	----	-	----	----	----	----	--	----	----
1235-14T	---	----	---	----	----	----	----	----	----	-	-	----	----	----	----	-	----	- --	----	----	----	----	----	-	----	----	--	----
1235-15T	----	----	----	--	-	----	----	----	----	----	----	-	----	----	-- -	---	----	----	----	---	----	----	----	-	----	----	--	----

[235-16T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-19T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-20T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-21T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC415	102	114	109	106	102	103	103	104	103	95	102	100	97	103	94	95	103	100	104	110	105	109	101	99	99	97	102	108
CCB15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7SSB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7SSL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7SSC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-03D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-03P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC416	101	104	110	106	103	103	102	104	104	96	103	100	97	103	94	97	102	100	104	110	105	109	101	99	99	98	102	108
CCB16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[187-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[CS42	93	----	----	----	----	----	----	94	----	----	----	94	----	----	92	----	----	----	----	----	----	----	----	----	----	----	----	----
CCSA32	94	102	112	109	95	101	99	99	94	85	102	94	90	105	92	93	100	94	107	105	109	111	98	96	92	93	95	105
CC417	102	104	110	107	103	104	102	104	104	95	103	101	97	104	94	96	103	102	106	110	105	109	101	99	99	99	102	109
CCB17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7TSS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7TSL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[91C7TSC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-01N	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC414	102	104	111*	107	102	104	103	103	104	96	102	100	97	105	93	96	104	103	105	111*	106	110	102	100	98	98	107	109
CCB14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[275-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC419	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
CCB19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[235-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1235-20	----	----	----	----	----	----	----	----	----	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-21	----	----	----	----	----	----	----	----			----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----
CCV20	102	123	113	106	102	104	102	104	104	94	104	102	97	105	94	95	103	109	104	105	105	110	101	99	99	98	102	109
CCB20	----	----	----	----	----	----	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-04W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-05W	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-06W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-08W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09W	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-10W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-11W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV21	97	102	105	103	100	100	99	100	101	92	97	96	93	101	95	89*	99	96	105	106	102	103	97	94	95	95	100	105
CCB21	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-15W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-17W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-18W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-19W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-20W	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-21W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV22	98	101	104	104	101	100	100	99	101	93	95	96	94	103	93	87*	99	97	109	109	103	106	99	95	96	97	101	106
CCB22	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

JC limit of each parameter are listed in a table attached next to all the JCP check forms
* Out of JC limits

WHRSCA - 10A UNIT : UG/L SUMMARY of CALIBRATION BLANKS : 101024 (WATER) DATE 09/23/10 INST : EPA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	-	----	----	----	----	----	----	----	----	----	----	----	--	---	-	----	----	----	--	----		---	----	----	----	----
S20	--	---	----	----	----	- --	- -	---	----	---	--	----		----	----	---	----	-	----	----	----	-	----	----		----	----	----
S21	----	----	----	----	----	----	- --	----	-- -		----	----	---		----	----	----	---	----		- --	----	----	----	----	----	----	
S22		----	----	----	----	----	----	----	----	----	---	----	----	----	--	----	----	----	----	---	--	----	- --	----	----	----	----	-
S23	----	----	----	-	--	-- -		---	----	----	-	--	----	----	----	----	----	--	----	----	---	---	- --	----	----	----	----	----
S24	----	----	----	----	- --	----	- -		---	----	--		----	----	----	----	----	---	-	----	----	----	----	----	--	--	----	----
S25	----	----		----	----	----	----	----	-- -		---	----	----	--	----	----	----	----	----	--	----	----	----	----	----	----		---
S26	----		----	----	----	----	-	-	--	----	----	-	--	----	----	----	----	----	-	----	----	----	----	----	-	---	----	----
S27	--	---	----	----	----	----	----	----	----	----	----	----		---	----	----	----	---	---	----	----	---	----	----	----	-	----	---
S28	----	----	----	-	---	----	----	-	---	----	- -	----	----	----	----	----	----	---	----	----	----	--	--	---	----	----	---	--
S29	----	--	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	---	----	----	----	----	----	----	-	----	----
S30	--	----	----	----	----	----	----	----	--	-	----		----	----	----	----	----	-	----	----	- -	----	-	----	----	----	----	- -
S31	----	----	--	--	--	--	----	----	- --	----	---	----	----	----		----	--	----	----	--	----	----	----	----	----	---	---	----
T1A	----	--	----	----	----	----	-	----	- --	----	----		--	----	----	- --	---	-	--	----	- -	---	----	--	---	----	----	---
T2B	.340	13.8	.370	-.030	.010	1.13	-.013	-12.0	.120	-.030	- .220	1.58	.130	- .350	.110	-.210	.910	-.220	9.60	.720	.040	-2.81	.010	1.40	-1.09	.650	.010	- .760
MSL2401		----	----	-	---	----	----	-	----	----	----	----	----	----	----	--	--	----	----	----	- -	----	----	----	----	----	-	---
MSL2402	----	----	- -	----	--		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-		----	----	----	----	----
ICSA1	----	4.77	-1.11	.090	.020	-16.1	.003	--	-.379	-1.18	- .063	----	-.300	1.42	--	1.52	-2.46	-1.17	62.1	4.07	.020	44.5	.540	- .390	.610	.740	.240	2.79
ICSA81	----		---	----	----	----	----	----	- --	--	---	----	-	---	----	--	- -	----	----	----	- -	----	----	----	----	--	----	----
CCV1	---	----	-	----	----	----	----	-- -	----	----	---	----	--	----	----	----	- --	-	----	----	---	-- -	- -	- --	---	--	- --	----
CCB1	.690	10.1	-.030	.010	.000	1.20	.010	11.4	-.010	.010	-.110	1.52	.020	.280	-5.90	-.140	.870	- .200	9.76	-.600	.000	-4.69	.070	1.18	.880	.530	-.290	-.140
ICP076AB	----	---	----	----	----	----	----	----	----	- --		----	----	----	----	----	-	----	----	----	--	----	----	----	--	----	----	----
ICP076AL	----	----	-	----	----	----	----	----	----	----	----	-- -	-	----	----	----	----	-	----	----	----	- -		----	----	----	----	----
ICP076AC	-	----	----	----	- --	----	----	-	----	----	----	----	----	----	----	---	---	----	- -	----	----	----	----	--	----	----	----	----
2277322	----	--	----	----	--	----	- --	----	----	--	-	----	----	-- -	----	---	-	----	----	----	-	----	----	---	-- -	----	--	---
1320-01	----	----	--	----	----	----	----	--	----	----		---	----	----	---	-	-	----	----	--	----	----	- --	----	----	--	----	---
1320-01A	----	----	----	----	-	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	- -	----	--	----	----	----		----
1320-02	----	----	----	----	----	----		---	----	----	----	----	----	----	- --	----	----	----	----	---	----	----	----	----	-	----	----	----
1320-03	----	----	-	----	----	----	----	----	----	----	----	----	-	----	----	--	-	----	----	-	----	----	----	----	-	----	-	----
1320-04	----	----	----	-	--		----	----	----	----	----	----	----	-	----	----	----	----	-	----	----	----	----	-	----	----		----
1320-05	---	--	-- -	----	--	-- -		----	----	- --	--	----	----	- -	--	-- -	- --	----	--	----	- --	----	---	---	---	----	---	----
1352	1.33	9.68	.860	-.020	- .010	.920	- .010	6.78	- .230	- .110	- .110	.650	- .350	- .410	1.54	.030	.940	- .180	5.84	.780	- .030	14.0	.020	.370	1.35	.390	- .040	- .260
ICP076B2	--	----	----	----	----	----	----	---			----	---	-	----	----	--	-	----	----	-	----	----	----	----	----		----	--
ICP076B3	----	----	----	--	---	-		----	----	-	----	----		--	----	----	----		----	----	-	----		----	----	----	-	----
ICP076B7		----	----	----	----	----	----		---	----	-	----	----	----		----	----	----	--	----	----	----	----	----	--	----	----	--
1296-01A	---		----	----	----	- --	----	----	---		----		----	----	----		- -	----	----	-	----	---	----	----	---	--	----	-- -
1296-01B	--	---	---	- --	----	-	-	- -	----	-	----	-- -	----	-	---	--	-- --	---	-	----	-	----		-- -	----	---		----
1296-01	-	----	----	----	----	----	----	--	-	----	----	- --	----	----	-	----	- --	----	----	- --	----	---	----	--	-	----	----	---
1320-02A	----	----		----	-	---	----	----	----	---	----	----	-	---	----		---	----	----	-	----	----	----	----	--	---	--	----
1320-02B	----	----	----		----	-	-	----	----	----	----	----	----	--	----	----	----	----	--	----	----	---	--	---	----	--	----	----
1320-03	----	--	----	----	---	----	----		----	----	----	----	----	----	----	-	----	----	--	----	----	--	----	--	----	----	----	--
5243	----	----	-	----	-	----	----	----	----	-	----	----		----	----	--	----	---	----	--	----	----	----	----	-	----	----	----
2083	1.39	13.7	1.24	-.050	.010	.780	.010	7.35	- .590	.040	.160	1.19	- .540	.280	3.70	- .310	1.050	- .160	13.6	.720	.190	14.2	.320	1.13	-1.04	.840	.390	- .760
ICP076B5	----	----	-	----	-	--	----	----	---	--		----	----	----	---	--	----	----	----	-	----	----	----	----	-	----	---	----
ICP076M	-	----	----	----	---	----		----	----	----	----	----	----	---	----	----	----	--	----	---	---	----	----	----	----	--	----	----
ICP076W		----	----	----	---	----	----	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	-	----	----	----	--	--
1075-02A	----	- -	----	----	----	----	----	----	---	----	-	---	----	----	----	----	----	----	--	----	----	---	--	---	----	----	-	----
1075-02	----	--	----	----	----	----	- --	- -	----	----		----	----	----	-	----	-- -	----	--	----	----	----	----		----	---	---	--
1075-02B	-	---	----	- -	-- -	----	----	--	---	----	----	---	----	----	---	----	----	----	-	----	----	----	---		----	--	---	---
1075-02M	----	--	----	----	---	----	----	--	---	----		----	----	----	--	----	-- -	--	----	----	--	----	-	----	----	-	----	--
1075-02S	----	---	----	----	----	----	----	-	----	----	----	----	----	----	---	----	----	----	---	----	----	-		----	----	- -	----	----
1075-01	----	----	----	----	----	-	----	----	- -	----	---	-	----	----	---	----	----	----	-- -	----	----	----	---	---	----	----	----	--
1037-04	---	----	---	----	----	---	--	----	----	----	----	----	---	---	----	----	----	----	----	----	----	----	-- -	----	----	----	----	- --
5214	----	--	----	----	---	----	----	-	----	----	----	----	----	----	---	----	----	--	----	----	----	--	----	----	----	----	---	----

0184	4.23	15.2	.310	-.040	.200	.660	.010	4.27	.320	-.020	-.150	1.00	.110	-.370	-.640	-.090	1.07	.150	-24.9	1.06	.200	2.38	.050	1.50	-.660	.430	-.380	-.520
D97-02	-	---	----	----	----	----	----	----	- -	----	--	----	----	--	---	----	----	----	----	----	--	--	----		---	--	---	-
D97-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	-	-- -	----	--	----	----	----	----	----
D97-05	--	---	----	----	---	----	----	----	-	----	--	----	----	-	--	----	----	----	----	----	----	--	----	----	--	--	----	-
D97-09	----	---	----	----	----	----	---	----	----	----	----	----	----	----	----	- --	----	--	----	- --	--	----	--	- --	----	----	----	--
D97-11	----	----	----		----	----	----	----	----	----	----	----	----	----	----	- --	---	---	-	----	-- -	----	----	----	----	----	----	---
D97-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	--	--	----	----	----	---	----
D97-15	----	- -	--	----	----	-	----		----	----	----	----	----	----	----		----	-	- --	----	----	----	----	----	----	----	----	----
D97-17	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	---	---	-- -	----	--	----	----	----	----	----	----	----
D91-01		---	----	----	---	----	----	----		--	-	-- -	----	--	-	----	- --	----	----		----	--	---	----	---	--	----	----
D91-02	- --	----	----		----	---	--	----	----	----	----	----	----	----	----	-- -	----		--	----	----	----	----	- --	----	----	-- -	----
0015	----	----	----	----	----	--	---	----	----	----	----	----	----	----	----	----	----	---	---	----	----	---	----	----	----	---	----	----
0085	560	11.2	770	.060	.010	.900	.030	12.5	-.020	-.040	-.150	-.480	-.330	-.580	.880	-.060	1.09	-.210	26.6	380	.020	.135	.020	.930	-.950	.640	-.580	-.110
T12-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	--	----	----	----	----	----	----	----	----
T12-11	----	----	----	---	----	-	----	----	----	----	----	----	----	----	----	-	-- -	----	----	----	----	----	----	----	-	----	- -	-
D88-03	-	---	----	----	----	----	----	----	----	----	----	----		- --	----	----	----	---	----	-	----	----	----	----	----	----	----	----
D89-13	- --	----	- -	-	----	---	----	-	----	----	- -	----	-- -	----	-	----	- --	----	-- -	- --	----	---	----	----	----	---	----	----
D86-02	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		- -	----	----	----	----	----	----	----	----	----
2129-12	--	----	--	---	----	----		----	----	----		----	-	----	---	----	----	----	---	----	---	----	----	----	----	----	----	----
D129-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	---	----	----	----	----	----	-	-	----		
0296	-	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----	----	----	----	----	----	-	----
0235	3.06	9.86	750	.030	-.010	1.72	.020	52.3	.100	-.210	-.130	2.24	.210	-.420	-6.07	-.050	1.100	-.080	15.4	.950	.060	.152	-.010	1.15	-.890	.610	.150	2.20
P1027WB	---	-- -	----	- -	-		--	----	-	-	----	----	--	- -	----	-	----	- -	----	--	--	-	----	- --	--	----	- -	- --
P1027WL	----	----	----	----	----	----	----	----	----	---	----	----	----	- -	---	----	----	----	----	---	----	--	-- -	----	----	----	----	----
P1027WC	---	----	-	----	----	----	----	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	----	---	----	---
0120-01A	----	----	----	- -	--	----	----	-	-	----	---	-		----	----	----	----	----	----	----	-- -	----	----	----	----	----	-- -	----
0120-01	- -	----	--	----	----	----	----	----	----	----	----	----	----	----	----		---	----	----	-	----	--	----	----	----	----	----	----
0120-02	----		----	--	--	----		-- -	---	----		----	----	---	----	----	----	--	--	----	----	----	----	----	----	--	-	----
1034	----	6.93	-.230	.140	-.040	-9.07	.560	----	.560	-1.23	-.350	----	2.55	.930	--- -	1.75	-2.35	1.35	35.2	4.02	.120	.161	.040	-.740	1.68	1.45	-.495	2.79
1034B2	---	----	----	----	----	----	----	----	----	----	----	----	----	---	----	---	----	----	----	----	---	-- -	--	----	----	----	----	---
0297	---	--	----	----	----	----	----	----	----	----	----	----	----	----	----	--	- -	----	----	----	----	----	----	-	----	--	----	----
0227	-.210	6.71	1.10	-.030	.090	.330	.040	9.25	-.360	.270	-.050	1.49	.340	.650	1.60	.040	.560	.310	3.49	.090	.030	54.5	-.020	.980	.630	.500	.170	.720
P1027C1	----	----	----	----	----	-	----	----	----		----	----	----	--	-	----	---	----	----	-	---	----	----	----	----	----	----	----
P1027C2	---	----	----	----	---	--	----	----	- -	--	----	----	--		--	----	----	----	----	-	----	--	-- -	----	-- -	----	----	----
P1027C3	-	--	----	----	- --	----	----	----	----	----	- -	----	----	----	----	-	--	----	---	--		----	-- -	----	-- -	- -	----	----
1296-01A	----	-	---		-	----	----	----	----	----	----	----	----	----	----	----	---	----	- --	----	----	----	----	--	----	- -	---	----
1296-01B	-	----	----	-	----	-	---	--	----		-	-	---	---	----	----	----	--	----	--	----	----	----	----	- -	----	-	
1296-01C	----	-	-	---	--	----	----	----	----	----	----	----	----	----	----	---	-	----	----	----	----	----	--	-	---	---	----	----
1221-01A	----	----	----	-	----		--	----	- -	--		----		----	----	----	----		--	----	----	----	----	----	-	--	--	---
1221-04A	----	- -	----	---	--	---	----	- --	--	----	--	- --	---	----	----	--	-	-- -	----	---	--	-- -	-	----	- -	-- -	-- -	-
1221-04B	--	----		---	----	---	----	----	----	----	----	----	---	-- -	----		- -	----	----	----	----	----	----	--	----	-	-- -	----	----
0249	----	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----		- --	----	----	----	----	----	--	- -	----	- --
0248	1.99	6.47	.720	-.100	.120	.160	-.010	.340	-.130	-.030	-.030	3.66	.120	.020	2.56	.060	.610	-.210	-29.9	1.02	.020	19.3	-.050	.430	-1.08	1.31	-.60	-.540
P10725S	----	--	-	---	----	----	---	----	----	----	----	----	----	----	----	--	--	----	----	----	----	---	---	-	----	----	----	----
P10725L	----	----	----	----	----	----	----	---	----	----	----	--	----	-	---	----	----	---	--	----	-- -	----	--	----	--	----	----	----
P10725C	-- -	----	---	----	--	- -	----	--	----	--	----		-	----	- --	---	----	----	--	-- -	-- -	----	--	----	-- -	- --	-	-
1077-01A	----	----	----	-- -	---	---	----			---	---	--	-	----	----	----	----	-	- --	----	----	----	----	----	-	---	----	----
1077-01	---	----	-	----	----	----	----	----	----	----	----	----	----	----	--	----	---	----	----	----	-	----	-- -	----	--	-	---	----
1077-01C	----	----		----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	--	----	-- -	----	----	----	-- -	-
1077-01B	----	-- -	----	-- -	----	-	---	-	---	-		----		----	----	--	- -	----	----	----	----	- --	---	----	----	----	----	---
1077-01S	----	-- -	----	- -	----	--	-	----	- -	--		----		----	- --	----	----	----	- --	----	----	----	----	-	---	---	----	----
1077-02	-- -	--	----	- -	----	--	-- -	----	----	----	- --	----	---	----	- --	---	---	----	----	----	- -	----	--	----	- -	--	---	-- -
1077-03	----	----	----	- -	----		--	----	---	---	-	----	--	----	----	----	----	----	----	----	----	----	----	----	----		-	--
0219	----	----	----	--	--		.	- --	----		-	----	----	----	----	--	:	----	----	----	---	--	-- -	----	----	----	-- -	----
0229	-1.39	11.8	-.020	-.050	-.010	.900	.010	21.9	-.030	-.040	.030	4.69	.430	-1.35	.620	-.050	1.03	-.150	-14.1	.740	-.060	5.80	.000	1.03	-1.35	2.49	-.375	.480
1077-04	----	- --	-	---	---	----	----	----	----	----	----	----	----	-	---	----	----	----	---	----	- --	----	--	----	----	----	----	----
1077-05	----	----	--	----	-	----	----	----	----	----	----	----	----	----	----	--	----	----	----	- -	---	----	----	----	----	-- -	---	----

[077-06]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-07]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-08]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-09]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-11]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-12]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-13]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCK13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB13	-3.35	9.79	.233	.110	-.020	.470	-.303	12.7	.020	-.090	-.030	.050	-.180	-.310	-.590	-.240	1.37	-.243	-22.6	.930	.020	-1.66	.323	1.39	-1.70	1.93	-.150	.080
[077-14]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-15]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-16]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-17]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-18]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-19]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[077-20]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCK21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB21	-3.56	6.16	1.22	.270	-.050	.680	.310	-4.69	-.072	-.050	.060	1.15	.190	-.370	-6.64	.162	1.31	-.235	-11.6	1.12	.100	-6.95	.303	1.39	1.31	1.65	-.202	-1.02
[PIC0658]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[461-01A]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[461-01]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[461-01.1]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[461-01M]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[461-01S]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[462-03]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[462-04]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[484-01]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCK12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB12	-3.25	10.5	.360	.010	-.030	1.24	.040	-3.65	.060	-.040	.040	-.200	.130	1.12	2.05	-.140	.340	-.130	-9.69	.020	-.070	27.5	-.303	1.26	-.880	.670	-.210	-.820
[PIC0658]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[PIC0659]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[PIC0650]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-01A]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-01T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-011]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-01M]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-01S]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-02T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-03A]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCK13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB13	-3.13	10.7	1.27	-.150	.010	1.20	-.010	14.6	-.020	-.120	.090	1.76	-.600	-1.37	-.170	.090	.900	-.382	-22.4	.110	.040	10.7	.023	1.47	1.16	.440	-.170	.320
[235-04T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-05T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-06T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-07T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-08T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-09T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-10T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-12T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-13T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-14T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCK14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB14	-2.96	9.09	-.520	.030	-.010	.910	-.010	-10.0	-.020	.060	.140	.660	.100	1.59	1.19	-.180	.860	-.120	-20.7	-.090	.090	4.25	-.330	1.35	-.990	.880	-.120	-1.16
[235-15T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-16T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[235-17T]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

1235-15T																														
1235-13T																														
1235-20T																														
1235-21T																														
20115																														
20815	1.32	8.96	-.339	-.042	-.030	1.32	.010	-11.0	-.140	.240	.095	3.58	.230	-1.35	1.14	-.030	.590	.100	-24.5	.690	-.920	-1.56	-.130	1.27	.305	.943	-.097	-1.22
1P10755B																														
1P10755L																														
1P10755C																														
1187-01A																														
1187-01																														
1187-01J																														
1187-01M																														
1187-01S																														
1187-02																														
1187-03																														
20918																														
20810	-3.52	11.7	.019	-.009	.010	.083	-.320	-9.64	-.030	.013	-.150	2.35	.110	-.623	-4.62	.080	.970	-.180	-24.6	.390	.330	-5.62	-.020	1.39	.943	.510	.390	1.24
1187-04																														
1187-05																														
1187-06																														
1187-07																														
1187-08																														
1187-09																														
1187-10																														
10541		1.75	-2.32	1.17	.803	.803	1.76		-.253	1.24	.350		3.15	1.44		5.88	-2.64	1.51	-16.5	5.15	.953	50.3	.390	1.08	.360	2.71	-.763	3.09
10540B																														
20817																														
20817	-2.28	9.41	.365	-.053	.003	1.97	.010	5.52	.110	-.380	.190	.933	-.330	-1.41	2.21	-.053	1.06	-.190	-19.9	.291	.040	.570	-.340	1.61	-.360	.810	-.103	1.15
1P10758																														
1P10713L																														
1P10713C																														
1235-01A																														
1235-01																														
1235-02																														
1235-02B																														
1235-03																														
1235-03																														
20915	-3.65	11.7	1.45	-.169	.141	1.24	.051	-.227	.367	-.147	.263	3.79	.237	1.36	3.17	-.063	1.08	-.72	25.1	.340	-.010	5.84	.060	.990	-.395	.713	-.237	.82
1235-14																														
1235-15																														
1235-16																														
1235-17																														
1235-18																														
1235-19																														
1235-20																														
1235-21																														
1235-22																														
1235-23																														
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1235-25																														
1235-26																														
1235-27																														
1235-28																														
1235-29																														
1235-30																														
1235-31																														
1235-32																														
1235-33																														
20919	1146	-6392	3794	-9441	-.031	-3689	294	-7227	3301	1498	-.267	6714	-1491	27576	-13541	4116	305	.247	78232	5656	-1946	-23545	2385	2031	-66.6	7387	6792	-.175
1235-35																														
1235-36																														
1235-37																														
1235-38																														
1235-39																														

1235-23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-21	---	---	---					---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC420	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC820	-4.61	10.6	.303	-.079	.020	.510	-.320	-2.23	-.110	-.040	.069	.063	-.270	-.290	-.520	-.083	1.04	-.090	71.3	-.860	.040	-5.91	-.341	1.30	-.990	.750	.142	.560
1235-04*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-05*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-06*	---	---			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-07*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-08*	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-09*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-10*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-11*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-12*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-13*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC423	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC821	-2.97	9.22	.410	-.260	-.010	.410	.040	-2.47	.100	.300	.060	.870	.370	-1.32	3.56	-.180	.930	-.110	-45.1	-.370	-.060	7.84	-.350	1.35	-1.05	.760	-.153	.260
1235-14*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-15*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-16*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-17*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-18*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-19*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-20*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-21*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC422	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC822	-1.29	9.28	-.250	-.370	-.520	.510	.003	-13.3	.350	.310	-.250	.610	-.220	1.55	.610	-.090	.910	-.130	10.3	.030	.060	-11.1	-.040	.330	.970	.600	-.119	.660

CL limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of 2σ limit

VERSION 1.0A UNIT : UG/L SUMMARY of CALIBRATION BLANKS . IDS:024 (SOIL) DATE . 09/23/10 INST : 6MAX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	----	---	----
S20	----	----	----	----	----	----	----	---	----	---	----	----	----	---	--		----	----	---	----	----	----	----	----	----	----	--	---
S21	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----		----	----	----	---	----
S22	---	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	---	----	---	----	---
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----
S24	----	--	----		----	----	----	----	--	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	--
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----
S26	---	----	--	----	----	----	----	----	----	----	----	----	----	---	----	----	--	----	----	----	----	----	----	---		----	----	----
S27	----		---	----	----	----	----	----	----	---	----	----	----	----	---	----	---	----	----	----	----	----		----	---	---	----	----
S28		----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	----	----	----	----	---	----	----	----	----	----	----	----
S29	----	----	---	--	----	--	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----
S30	--	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	----	----	----	----	--	---
S31	----	----	----		----	----		----	--	----	----	---	----	----	----	----	---	----	----	----	----	----	----	---	----	--	----	----
S32	----	--	--	----	----	--	---	----	----	---	---	----	----	----	--	----	---	----	---	--	---	---	----	----	---	---	----	--
ICB	.340	13.2	.370	-.078	3.0	1.13	-.013	-12.0	.190	-.390	-.225	1.58	.130	-.350	.110	-.210	.910	-.220	9.60	.720	.040	-2.81	.213	1.40	1.03	.850	.310	-.160
MRL240L	----	----	----	----	----	----	----	----	---	----	---	-	-	----	----	----	----	---	----	----	----	----	----	----	----	---	----	--
MRL240H	----	----	---	----		--		----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	---	---	---
ICSA1	--	4.77	-1.11	.350	-.020	-16.1	.800	----	.771	-1.38	-.355	---	.720	1.47	----	1.82	-2.46	-1.17	52.1	4.07	.020	44.5	.540	.350	.610	.340	-.240	2.79
ICSAB1	----	----	----	---	---	----	----	----	----	----	----	----	----	----	-	----	----	----		----	----	----	----	--	--	----	----	----
CCV1	----	----	----	----	---	----	-	----	----	----	----	----	----	----	--	-	----	----	----	--	----	----	--	---	----	----	----	--
CCB1	.650	10.1	-.330	-.310	.000	1.20	.313	12.4	-.040	.010	-.210	1.52	-.050	-.280	-5.50	-.140	.070	-.200	-9.06	-.600	.030	-4.89	.070	1.18	-.680	.930	-.250	-.140
IP1076AB	----	----	----	-	----	--	----	----	----	----	----	----	----	----	----	--	----	----	----	--	----	----	----	----	----	--	----	-
IP1076AL	----	----	----	----	--	--	----	-	--	----	----	----	----	----	--	----	----	----	----	----	--	--	----	----	----	----		----
IP1076AC	----	----	----		----	--	----	----	----	----	----	----	----	--	----	---	----	----	----	--	----	----	-	----	--	----	----	----
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CCB2	1.23	9.62	.881	-.030	-.010	.973	-.010	6.78	-.090	-.110	.315	.650	-.350	-.410	1.55	.030	.940	-.180	5.64	.320	.100	14.0	.020	.770	-1.30	.293	.349	.269
IP1075SD	----	-	----		-	----	----	----	----	----	----	----	----	----	----	----	----	-	--	----	----	----	--	----		----	----	----
IP1075SA	-	----	----	----	----	---	----	--	-		----	--	----	---	--	----	----	--	-	----	----	----	----	--	-	---	----	----
IP1075S	----	----	-	----	----	----	----	----	----	----		----		----	----	----	--	----	----	----	--	-	----	----	----	----		----
1795-01	---	----	---	-	---	-	----	----	----	----	----	----	----	--	--	----	----	-		----	----	----	---	---	-	----	----	----
1795-01a		--	--	-	----	-	---	---	----		-	----	-	-	----	--	-	----	----	--	--	-	----	-	---		- --	----
1216-01	----	-	----	----	----	----	----	----	--	----		-	---	----	----	--	--	--	----	----	-	---	----	----	----	----		
1320-02A	----	----	----	----	--	---		----	--	--	----	----	----	----	- --	--	----	----		----	----	----	---	----	----	----	----	--
1320-02B	----	--	- --	----	----	----	----	----	--	----	--	-	---	----	----	----	--	---	----	----	--	-	----	----	----	----	--	--
1320-03	----	----	- --	----	-	-		----	-- -	----	----	----	--	----	----	----	--	----	----	----	----	----	-	----	----	----	---	---
[illegible]	-	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	- -	---	---	----	--	----	----	----	----
CCV2	1.60	11.7	1.43	-.080	.000	.790	.010	7.65	.320	.190	-.160	1.19	-.540	-.280	5.23	-.010	1.030	.150	-1.16	.720	.150	14.5	.020	1.19	-1.74	.840	.331	-.260
IP1073AB	-	----	----	----	----	----	----		----	--	----	----	--	----	--	----	----	--	----	----	----	----	----	--	--	----	----	----
IP1073AL	----	--	-	----	----	----	----	----	----	----	----	- --	-	----	----	----	---	----	----	----	--	-	----	--	--	----	----	----
IP1073AC	----	----	--	----	----	----	----	----	----	----	----	- --	-	----	----	----	- -	---	----	----	- -	---	----	----	----	----	--	--
1275-02A	---	----	----	----	--	---		----	-	----	----	----	----	----	-	----	-	---	----	----	- -	----	----	----	----	----	--	--
1275-02	- -	----	----	----	---	---		----	-	----	----	----	----	----	-	----	----	----	-	----	----	----	--	----	---	----	---	----
1275-02C	-	----	---	-	----	- --	- -	----	----	----	----	----	----	----	--	----	-- -	----	-	--	- -	---	--	----	----	----	--	----
1275-02D	- -	----	----	-- -	----	---	-	----	- -	--	----	----	----	----		----	----	-- -		----	-	--		----	----	----	---	----
1275-02E	---	----	----	----	----	---	----	---	----	-	----	----	----	----	--	----	----	--	----	----	----	----	---	----	---	----	---	----
1275-03	----	----	----	-	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	---	----	----	----	--	-	----	----	----
1277-24	----	---	----	-	----	----	----	----	----	----	----	--	--	----	----	----	-	----	----	----	-	---	----	----	----	--	----	----
CCV3	----	----	----	-	----	----	----	----	- --	----	----	--	---	---	----	----	- -	----	----	----	-	--	----	----	----	--	----	----

C034	4.23	15.2	.010	-.042	.010	.860	.010	4.27	.020	-.020	-.150	1.57	.310	-.370	-.640	-.090	1.02	-.150	-24.5	1.06	.220	2.30	.050	1.60	-.660	.300	-.080	-.520
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C045																												
C055	.562	11.3	.770	.060	.010	.503	.030	12.5	-.020	-.040	-.150	-.450	-.300	-.580	-.850	-.090	1.59	-.210	16.5	.380	.670	.125	.120	.900	-.950	.640	-.090	-.110
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C096																												
C086	3.06	9.88	.750	.090	-.010	1.73	.320	52.3	.100	.010	-.130	2.24	.210	.420	-6.03	-.050	1.000	-.380	15.4	.950	.060	.152	-.210	1.15	-.880	.610	-.150	2.20
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[illegible]		6.98	-.750	.140	.340	-5.37	.590		-.560	1.23	-.390		-2.59	.930		1.48	-2.35	1.35	35.2	4.02	.210	.161	.340	-.340	1.60	1.49	-.490	2.73
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C047																												
C037	-.370	6.71	1.16	-.010	.020	.390	.040	2.25	-.160	.010	-.090	1.49	.340	-.850	1.60	.340	.560	-.310	3.49	.090	.020	54.5	.720	.580	-.620	.600	-.130	-.720
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C049																												
C059	-1.93	5.47	.720	-.100	.090	.160	-.010	.240	.100	.030	-.030	3.86	.120	.030	-2.56	-.090	.610	-.120	-29.9	1.02	.070	19.2	-.060	.430	-1.03	1.71	.160	-.840
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C089	-1.79	11.5	-.320	-.060	-.010	.920	-.010	21.2	-.050	.040	-.030	4.85	-.430	-1.05	.620	-.090	1.03	-.150	-24.1	.740	-.080	9.80	.000	3.33	-1.06	2.49	-.070	.400
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1077-06																													
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1077-09																													
1077-10																													
1077-11																													
1077-12																													
1077-13																													
12410																													
0790	-3.35	9.79	.209	-.103	-.020	4.0	-.100	12.7	.047	-.090	-.303	.050	.169	-.310	.590	-.240	1.37	-.240	-22.6	.933	-.120	-1.66	-.020	1.09	-1.20	1.53	-.160	.050
1077-14																													
1077-15																													
1077-16																													
1077-17																													
1077-18																													
1077-19																													
1077-20																													
12411																													
02811	-3.66	9.15	1.22	-.170	-.203	.680	.016	-4.58	-.070	-.050	.050	1.15	.163	-.770	-6.94	-.160	1.01	-.230	-11.6	1.12	.100	-5.95	.000	1.39	-1.01	1.55	-.200	-1.07
TX009658																													
1461-01A																													
1461-01																													
1461-01B																													
1461-01F																													
1461-01G																													
1462-03																													
1462-04																													
1464-01																													
12412																													
02812	-3.26	14.5	.250	-.010	-.300	1.24	.040	-3.66	.060	-.040	.040	-.200	.130	1.11	1.13	-.140	.940	-.130	-9.69	.320	-.270	27.6	-.080	1.26	.883	.670	-.210	-.320
JP006658																													
JP006659																													
JP006660																													
1235-01A																													
1235-01B																													
1235-01C																													
1235-01D																													
1235-01E																													
1235-01F																													
1235-01G																													
1235-01H																													
12413																													
02813	-2.13	12.7	1.27	-.082	.010	1.26	-.310	14.6	-.020	-.130	.350	1.76	-.690	-1.37	-.970	.030	.908	-.050	-22.4	.110	.046	10.7	.007	1.47	-1.16	.410	-.170	.220
1235-04T																													
1235-05																													
1235-06D																													
1235-06T																													
1235-08T																													
1235-09T																													
1235-10T																													
1235-11T																													
1235-12D																													
1235-14T																													
12414																													
02814	-2.95	9.09	-.520	.000	-.010	.910	-.310	-10.9	-.020	-.060	.140	.653	.100	-1.09	1.09	.180	.800	-.120	-28.7	-.070	.090	4.25	-.030	1.35	-.990	.650	-.120	1.26
1235-15T																													
1235-16T																													
1235-17T																													

[236-19T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-		--	----	----	----	----	----	----	----	----	----
[235-19T	-	---	----	----	----	----	----	-	----	- --	--	--	--	----	----	----	----	----	----	----	----	----	---	- -	----		-	----	----	----
[235-20T	----	----	----	----	----	----	----	----	----	----	---	----	--		----	----	----	----	----	----	---	----	- -	---	----	----	----	----	----	----
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2C416	-	---	----	-- -	---	----	- --	--	----	-	----	-	- -	----	--	---	---	----	----	----	- --	-	---	----	---	---	---	- -	---	
2C416	-1.02	9.96	.330	.341	-.033	1.92	.010	-11.0	-.143	-.249	.285	3.59	.235	-1.35	1.09	-.030	.890	-.103	-24.5	.992	-.020	-1.56	-.113	1.77	-.630	.340	.036	1.77		
[P1C7SSE	-	----	----	----	----	----	- -	----	----	--	--	--	----		----	---	----	----	-		--	----	----	----	----	----	----	----		
[P1C7SSL	---	-		----	-	---	---	----	----	--	----	----	----	----	----	-	-	-	---	----	----	----	----	----	----	----	----	----		
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[187-01A	----	----	----	- -	----	----	--	---	---	- --	--	-	----		----	---	----	----	----	----	----		----	----	----		----	----		
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[187-01C	---	----	---	----	-	----	---	--	--	--	----		-- -	----	----	---	----	----	----	----	----	----	---		----	----	----	----		
[187-01H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	---	----	----		
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[187-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----		-	----		
[187-03	-	----	----	----	----	----	---	----	- --	----	----	----	----	----	----	----	----	-	----	----	----	----	----	---		-	----	--		
2CV16	- -	----	----	--	- -	----			----	- -	-	----	- -	- --		---	----	--	----	----	- --	----	--	----	----	---	----	---		
2C816	-3.52	11.1	.010	-.071	-.010	.880	-.030	-3.64	.090	.010	-.350	2.35	.110	-.671	-4.62	.050	.970	-.180	-24.5	.700	-.030	-5.62	-.020	1.39	-.940	.510	-.120	-1.24		
[187-04	----	----	----	-- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	---	--	----	----	----	----		
[187-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	- -	----	----	----		---		--	----	
[187-06	----		---	-	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	---	----	----	-- -	----	----		
[187-07	-	----	----	----	----	----	----	----	-- -	----	----	----	----	----	-	---	----	----	-		----	----	----	----	-	---		--	----	
[187-08		- -	-- -	----	----	- --	----	----	----	---	----	----	----	--	----	----	----	----	----	----		---	- -	----	----	-- -	- -	---		
[187-09	----	----	----	- --	---	----	----	----	----	----	----	----	----	----	----	-	-	----	----	----	----	----	----	---	----	-- -	----	----		
[187-10	----	----	----	----	----	----	----	----	----	--	----	----	--	----	----	---	----	----	----	----	----	----	----	----	----	----	----			
2CSA3	-	1.75	7.37	1.17	.030	.620	1.76	----	-.250	-1.24	.250	----	-3.16	1.44	----	5.28	-2.64	-1.51	-16.5	5.15	.966	52.3	.590	-1.38	.360	2.71	-.750	3.00		
2CSA03	----	----	----	---	----	---	----	-		----		---	----	----	----	----	----	-	- --	- -	----	-- -	----	----	----	----	----	----		
2CV17	-	-- -	----	----	----	----	-- -	----	----	- -	---	----	--	--		---	----	----	----	----	----	----	----	----	----	----	----			
2CS17	-2.72	9.91	-.363	-.050	.030	1.07	.010	-6.62	.110	-.150	.160	.620	-.330	1.01	2.27	-.050	1.06	-.190	19.9	.280	.040	.570	-.040	1.61	-.960	.613	.130	-1.16		
[P1C7SSB	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	-- -	-	----	----	----	----	-	---	----	----	----	---	----		
[P1C7SSL	----	----		----	-	----	-	--	----	----	----	----	----	----	----	- -	-	----	---	----	----	-- -	----	----	----	----	----	----		
[P1C7SSC	- -	----	----	----	----	----	----	----	----	--	----	----	--	---	---	---	----	---	----	----	----	----	---		--		-	----		
[235-01A	---	----	----	-	---	----	----	----	----	----	----	----	----	----	----	-- -	---	----	----	----	- --	---		-	----	----	----	----		
[235-01	----	----		- -		----	- -	---	---	----	----	----	----	----	----	-		- --	----	----	----			--	----	----	----	- --		
[235-01J	---	----		---	---	- -	--		----	-	--	- --	----	----	----	- --	--	-	--	---		---	----	----	----	---	---			
[235-02F	----	----	----	----	----	--	---	----		-	-	---	--		----	----	----	--	----	----	----	----	---		---		-	----	----	
[235-02S	----	----		---	-	--	-	-	----	----	----	----	----	----		---	----	----	----	----		---	----	----	----	----	---		-- -	
[235-32	---	----	----	----	----	---	----	----		--	---	---	--		----	----	----	--	----	----	----	----	---		----		-	----	----	
[235-33	----	----	----	----	---	----	----	---	---	----	----	--	----	----	----	----	----	----	-		-- -	----	---	----		-	----	----		
2CV1E	-	- -	----	----		--	---	----	-	-	----	---	- -		- -	--	- -		- --	----	----	----	----		-- -	----	-			
2C519	-3.65	11.2	-1.25	-.363	.140	1.24	.010	-.220	.060	-.140	.260	3.34	.230	-1.46	3.10	-.060	1.02	.120	-15.1	.340	.240	5.84	-.060	.960	.890	.771	-.230	.360		
[235-24	----	----	----	----		-	---	----	----	--	----	----	----	----	----	-		----	-- -	----	----	----	----	----		---	----	----		
[235-25	----	----	----	----	----	----	---	----	-	----		--	---	----	----	----	----		---	----	----	-	-	-	----	----	----	----		
[235-26	----	----		----	----	----	- -	----	----	--	----	---	---		----	- --	----		----	----	----	----	----		----	----	----	----		
[235-27	---	----	----	---	-		----	---	----	--	----	----	----	----	----	-		----	----	----	----	----	----	----			-	----	----	
[235-28	----	----		--		----	----	-- -	----	----	- -	----	---	-- -	----	----	----	----	----	----	----	----	----	--	-	---		-		
[235-29	----	----	----	----	----	----	---	-		---	---	----	-- -	----	----	----	----	----	----	----	----	----	----			----	-- -	----		
[235-30	---		----	----	----	----	----	----	----	--	----	---	---	-	----	----	----		---	----	----	--	----		----	----	----	----		
[235-31	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	-	---	----	----	----	---		----	----	----	----		
[235-32	----	----	----	---	---	-	----	---	----	---	----	----	----	----	----	----	----	----	----	----	----	----	---	-	----	----	----	----		
2CV1F	----	----	-- -	----	----	---	----		----	--	----	----	---	---	---	--		----	----	----		---	----	----	----	----	----	----		
2C519	-1146	-5952	3294	3443	-397	3060	795	-7227	2381	1499	-2611	6714	-1520	27575	-19541	4116	325	247	79231	-8856	-1945	-23516	7369	2383	-65.5	7187	6797	-778		
[235-35	----	----	----	---	--		---	----	----	----	----	----	----	----	-	---	----	----	-		----	--	----	--	----	----	----	----		
[235-36	----	----	----	----		--	--	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----		----	-- -	----	----		
[235-37	----	-	----	-- -	----	----	----	----	----	-- -	----	-	---		----	---	---	----	----	----	----	----	----	----	-	----	----	----		
[235-38	----	----	--	----	----	----	----	----	----	----	----	-- -	----	----	----	----	----		---	----	----	-	--	----	----	----	----	----		
[235-39	-	----	----	---		-	---	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----			

1235-20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC920	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC920	-4.61	10.5	.960	-.570	.027	.590	-.020	-2.25	-.110	.040	.000	.391	-.220	-.921	-.920	-.090	1.04	-.030	-31.8	-.850	.040	5.91	.040	1.30	-.999	.767	-.140	.390
1235-04W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-15W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-36W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-34W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-38W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-03W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-10W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-11W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-12W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC921	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC921	2.97	9.22	.710	-.050	-.010	.430	.040	-2.47	.190	.000	-.090	-.840	.110	-1.32	3.58	-.180	.930	-.110	-45.1	-.870	.080	-7.84	-.050	1.05	-1.06	.760	-.150	.450
1235-15W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-16W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-17W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-18W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-19W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-22W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-23W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1235-21W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC922	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CC922	-4.21	9.28	-.350	-.070	-.020	.010	.000	-13.3	.050	.010	.250	.610	-.220	1.55	.410	-.090	.930	-.130	-10.3	.030	.060	-11.1	.740	.790	-.970	.601	-.110	.650

QC limit of each parameter are listed in a table attached next to all the QC check forms
* Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I024001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I024002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I024003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I024004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I024005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I024006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I024007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I024008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I024009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I024010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I024011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I024012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I024013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8I024014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I024015			1	☒	3XDL	None
16	3	2	3	1	QC	MRL2401		ID8I024016			1	☒	EMAX	None
17	4	2	4	1	QC	MRL2402		ID8I024017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I024018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		ID8I024019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I024020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I024021			1	☒	3X DL	None
22	17	2	5	2	QC	IPI076WB		ID8I024022			1	☒	CCB	None
23	18	2	6	2	QC	IPI076W_		ID8I024023			1	☒	LCS	None
24	19	2	7	2	QC	IPI076WC		ID8I024024			1	☒	LCS	None
25	20	2	8	2	Unk	I320-01A		ID8I024025			1	☒	unk	—
26	21	2	9	2	Unk	I320-01		ID8I024026			1	☒	unk	—
27	22	2	10	2	Unk	I320-01J		ID8I024027			1	☒	unk	—
28	23	2	11	2	Unk	I320-02		ID8I024028			1	☒	unk	—
29	24	2	12	2	Unk	I320-03		ID8I024029			1	☒	unk	—
30	25	2	1	3	Unk	I320-04		ID8I024030			1	☒	unk	—
31	26	2	2	3	QC	CCV2		ID8I024031			1	☒	CCV	None
32	27	2	3	3	QC	CCB2		ID8I024032			1	☒	3XDL	None
33	9	2	9	1	QC	IPI070SQ		ID8I024033			1	☒	CCB	None
34	10	2	10	1	QC	IPI070SX		ID8I024034			1	☒	LCS	None
35	11	2	11	1	QC	IPI070SY		ID8I024035			1	☒	LCS	None
36	12	2	12	1	Unk	I296-01A		ID8I024036			1	☒	unk	—
37	13	2	1	2	Unk	I296-01W		ID8I024037			1	☒	unk	—
38	14	2	2	2	Unk	I296-01J		ID8I024038			1	☒	unk	—
39	1	2	1	1	Unk	I320-01A		ID8I024039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilin Factor	ConFact	Check	Check Table	Fail Action
40	2	2	2	1	Unk	I320-01M		ID8I024040			1	☒	unk	—
41	3	2	3	1	Unk	I320-01S		ID8I024041			1	☒	unk	—
42	15	2	3	2	QC	CCV3		ID8I024042			1	☒	CCV	None
43	16	2	4	2	QC	CCB3		ID8I024043			1	☒	3XIDL	None
44	28	2	4	3	QC	IPI073WB		ID8I024044			1	☒	CCB	None
45	29	2	5	3	QC	IPI073WC		ID8I024045			1	☒	LCS	None
46	30	2	6	3	QC	IPI073WC		ID8I024046			1	☒	LCS	None
47	31	2	7	3	Unk	I075-02A		ID8I024047			1	☒	unk	—
48	32	2	8	3	Unk	I075-02		ID8I024048			1	☒	unk	—
49	33	2	9	3	Unk	I075-02J		ID8I024049			1	☒	unk	—
50	34	2	10	3	Unk	I075-02M		ID8I024050			1	☒	unk	—
51	35	2	11	3	Unk	I075-02S		ID8I024051			1	☒	unk	—
52	36	2	12	3	Unk	I075-01		ID8I024052			1	☒	unk	—
53	37	2	1	4	Unk	I077-24		ID8I024053			1	☒	unk	—
54	38	2	2	4	QC	CCV4		ID8I024054			1	☒	CCV	None
55	39	2	3	4	QC	CCB4		ID8I024055			1	☒	3XIDL	None
56	40	2	4	4	Unk	I097-02		ID8I024056			1	☒	unk	—
57	41	2	5	4	Unk	I097-03		ID8I024057			1	☒	unk	—
58	42	2	6	4	Unk	I097-06		ID8I024058			1	☒	unk	—
59	43	2	7	4	Unk	I097-08		ID8I024059			1	☒	unk	—
60	44	2	8	4	Unk	I097-10		ID8I024060			1	☒	unk	—
61	45	2	9	4	Unk	I097-13		ID8I024061			1	☒	unk	—
62	46	2	10	4	Unk	I097-15		ID8I024062			1	☒	unk	—
63	47	2	11	4	Unk	I097-17		ID8I024063			1	☒	unk	—
64	48	2	12	4	Unk	I091-01		ID8I024064			1	☒	unk	—
65	49	2	1	5	Unk	I091-02		ID8I024065			1	☒	unk	—
66	50	2	2	5	QC	CCV5		ID8I024066			1	☒	CCV	None
67	51	2	3	5	QC	CCB5		ID8I024067			1	☒	3X DL	None
68	52	2	4	5	Unk	I112-10		ID8I024068			1	☒	unk	—
69	53	2	5	5	Unk	I112-11		ID8I024069			1	☒	unk	—
70	54	2	6	5	Unk	I088-08		ID8I024070			1	☒	unk	—
71	55	2	7	5	Unk	I088-09		ID8I024071			1	☒	unk	—
72	56	2	8	5	Unk	I088-02		ID8I024072			1	☒	unk	—
73	57	2	9	5	Unk	I123-02		ID8I024073			1	☒	unk	—
74	58	2	10	5	Unk	I123-04		ID8I024074			1	☒	unk	—
75	61	3	1	1	QC	CCV6		ID8I024075			1	☒	CCV	None
76	62	3	2	1	QC	CCB6		ID8I024076			1	☒	3XIDL	None
77	4	2	4	1	QC	IPI077WB		ID8I024077			1	☒	CCB	None
78	5	2	5	1	QC	IPI077WC		ID8I024078			1	☒	LCS	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	CorrFact	Check	Check Table	Fail Action
79	6	2	6	1	QC	IPI077WC		ID8I024079			1	☒	LCS	None
80	7	2	7	1	Unk	I120-01A		ID8I024080			1	☒	unk	---
81	8	2	8	1	Unk	I120-01		ID8I024081			1	☒	unk	---
82	9	2	9	1	Unk	I120-01J		ID8I024082			1	☒	unk	---
83	59	2	11	5	QC	ICSA2		ID8I024083			1	☒	ICSA	None
84	60	2	12	5	QC	ICSAB2		ID8I024084			1	☒	ICSAB1	None
85	26	2	10	1	QC	CCV7		ID8I024085			1	☒	CCV	None
86	[illegible]	2	11	1	QC	CCB7		ID8I024086			1	☒	3XIDL	None
87	27	2	3	3	QC	IPI070SQ		ID8I024087			1	☒	CCB	None
88	28	2	4	3	QC	IPI070SX		ID8I024088			1	☒	LCS	None
89	29	2	5	3	QC	IPI070SY		ID8I024089			1	☒	LCS	None
90	30	2	6	3	Unk	I296-01A		ID8I024090			1	☒	unk	---
91	31	2	7	3	Unk	I296-01W		ID8I024091			1	☒	unk	---
92	32	2	8	3	Unk	I296-01J		ID8I024092			1	☒	unk	---
93	33	2	9	3	Unk	I221-04A		ID8I024093			1	☒	unk	---
94	34	2	10	3	Unk	I221-04W		ID8I024094			1	☒	unk	---
95	35	2	11	3	Unk	I221-04J		ID8I024095			1	☒	unk	---
96	36	2	12	3	QC	CCV8		ID8I024096			1	☒	CCV	None
97	37	2	1	4	QC	CCB8		ID8I024097			1	☒	3XIDL	None
98	63	3	3	1	QC	IPI072SB		ID8I024098			1	☒	CCB	None
99	64	3	4	1	QC	IPI072SL		ID8I024099			1	☒	LCS	None
100	65	3	5	1	QC	IPI072SC		ID8I024100			1	☒	LCS	None
101	66	3	6	1	Unk	I077-01A		ID8I024101			1	☒	unk	---
102	67	3	7	1	Unk	I077-01		ID8I024102			1	☒	unk	---
103	68	3	8	1	Unk	I077-01J		ID8I024103			1	☒	unk	---
104	69	3	9	1	Unk	I077-01M		ID8I024104			1	☒	unk	---
105	70	3	10	1	Unk	I077-01S		ID8I024105			1	☒	unk	---
106	71	3	11	1	Unk	I077-02		ID8I024106			1	☒	unk	---
107	72	3	12	1	Unk	I077-03		ID8I024107			1	☒	unk	---
108	73	3	1	2	QC	CCV9		ID8I024108			1	☒	CCV	None
109	74	3	2	2	QC	CCB9		ID8I024109			1	☒	3XIDL	None
110	75	3	3	2	Unk	I077-04		ID8I024110			1	☒	unk	---
111	76	3	4	2	Unk	I077-05		ID8I024111			1	☒	unk	---
112	77	3	5	2	Unk	I077-06		ID8I024112			1	☒	unk	---
113	78	3	6	2	Unk	I077-07		ID8I024113			1	☒	unk	---
114	79	3	7	2	Unk	I077-08		ID8I024114			1	☒	unk	---
115	80	3	8	2	Unk	I077-09		ID8I024115			1	☒	unk	---
116	81	3	9	2	Unk	I077-10		ID8I024116			1	☒	unk	---
117	82	3	10	2	Unk	I077-11		ID8I024117			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilr Factor	ConFact	Check	Check Table	Fail Action
118	83	3	11	2	Unk	I077-12		ID8I024118			1	☒	unk	—
119	84	3	12	2	Unk	I077-13		ID8I024119			1	☒	unk	—
120	85	3	1	3	QC	CCV10		ID8I024120			1	☒	CCV	None
121	86	3	2	3	QC	CCB10		ID8I024121			1	☒	3XIDL	None
122	87	3	3	3	Unk	I077-14		ID8I024122			1	☒	unk	—
123	88	3	4	3	Unk	I077-15		ID8I024123			1	☒	unk	—
124	89	3	5	3	Unk	I077-16		ID8I024124			1	☒	unk	—
125	90	3	6	3	Unk	I077-17		ID8I024125			1	☒	unk	—
126	91	3	7	3	Unk	I077-18		ID8I024126			1	☒	unk	—
127	92	3	8	3	Unk	I077-19		ID8I024127			1	☒	unk	—
128	93	3	9	3	Unk	I077-20		ID8I024128			1	☒	unk	—
129	94	3	10	3	QC	CCV11		ID8I024129			1	☒	CCV	None
130	95	3	11	3	QC	CCB11		ID8I024130			1	☒	3XIDL	None
131	96	3	12	3	Unk	TXI006SB	TCLP	ID8I024131			1	☒	unk	—
132	97	3	1	4	Unk	I461-01A	TCLP	ID8I024132			1	☒	unk	—
133	98	3	2	4	Unk	I461-01	TCLP	ID8I024133			1	☒	unk	—
134	99	3	3	4	Unk	I461-01J	TCLP	ID8I024134			1	☒	unk	—
135	100	3	4	4	Unk	I461-01M	TCLP	ID8I024135			1	☒	unk	—
136	101	3	5	4	Unk	I461-01S	TCLP	ID8I024136			1	☒	unk	—
137	102	3	6	4	Unk	I462-03	TCLP	ID8I024137			1	☒	unk	—
138	103	3	7	4	Unk	I462-04	TCLP	ID8I024138			1	☒	unk	—
139	104	3	8	4	Unk	I484-01	TCLP	ID8I024139			1	☒	unk	—
140	105	3	9	4	QC	CCV12		ID8I024140			1	☒	CCV	None
141	106	3	10	4	QC	CCB12		ID8I024141			1	☒	3XIDL	None
142	107	3	11	4	QC	IPI066SB		ID8I024142			1	☒	CCB	None
143	108	3	12	4	QC	IPI066SL		ID8I024143			1	☒	LCS	None
144	109	3	1	5	QC	IPI066SC		ID8I024144			1	☒	LCS	None
145	110	3	2	5	Unk	I235-01A	10X	ID8I024145			1	☒	unk	—
146	111	3	3	5	Unk	I235-01T	10X	ID8I024146			1	☒	unk	—
147	112	3	4	5	Unk	I235-01J	50X	ID8I024147			1	☒	unk	—
148	113	3	5	5	Unk	I235-01M	10X	ID8I024148			1	☒	unk	—
149	114	3	6	5	Unk	I235-01S	10X	ID8I024149			1	☒	unk	—
150	115	3	7	5	Unk	I235-02T	10X	ID8I024150			1	☒	unk	—
151	116	3	8	5	Unk	I235-03T	10X	ID8I024151			1	☒	unk	—
152	117	3	9	5	QC	CCV13		ID8I024152			1	☒	CCV	None
153	118	3	10	5	QC	CCB13		ID8I024153			1	☒	3XIDL	None
154	119	3	11	5	Unk	I235-04T	10X	ID8I024154			1	☒	unk	—
155	120	3	12	5	Unk	I235-05T	10X	ID8I024155			1	☒	unk	—
156	121	4	1	1	Unk	I235-05T	10X	ID8I024155			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fai Action
157	122	4	2	1	Unk	I235-07T	10X	ID8I024157			1	☒	unk	—
158	123	4	3	1	Unk	I235-08T	10X	ID8I024158			1	☒	unk	—
159	124	4	4	1	Unk	I235-09T	10X	ID8I024159			1	☒	unk	—
160	125	4	5	1	Unk	I235-10T	10X	ID8I024160			1	☒	unk	—
161	126	4	6	1	Unk	I235-11T	10X	ID8I024161			1	☒	unk	—
162	127	4	7	1	Unk	I235-12T	10X	ID8I024162			1	☒	unk	—
163	128	4	8	1	Unk	I235-14T	10X	ID8I024163			1	☒	unk	—
164	129	4	9	1	QC	CCV14		ID8I024164			1	☒	CCV	None
165	130	4	10	1	QC	CCB14		ID8I024165			1	☒	3XIDL	None
166	131	4	11	1	Unk	I235-15T	10X	ID8I024166			1	☒	unk	—
167	132	4	12	1	Unk	I235-16T	10X	ID8I024167			1	☒	unk	—
168	133	4	1	2	Unk	I235-17T	10X	ID8I024168			1	☒	unk	—
169	134	4	2	2	Unk	I235-18T	10X	ID8I024169			1	☒	unk	—
170	135	4	3	2	Unk	I235-19T	10X	ID8I024170			1	☒	unk	—
171	136	4	4	2	Unk	I235-20T	10X	ID8I024171			1	☒	unk	—
172	137	4	5	2	Unk	I235-21T	10X	ID8I024172			1	☒	unk	—
173	138	4	6	2	QC	CCV15		ID8I024173			1	☒	CCV	None
174	139	4	7	2	QC	CCB15		ID8I024174			1	☒	3XIDL	None
175	140	4	8	2	QC	IPI075SB		ID8I024175			1	☒	CCB	None
176	141	4	9	2	QC	IPI075SL		ID8I024176			1	☒	LCS	None
177	142	4	10	2	QC	IPI075SC		ID8I024177			1	☒	LCS	None
178	143	4	11	2	Unk	I187-01A	dried & sieved	ID8I024178			1	☒	unk	—
179	144	4	12	2	Unk	I187-01	dried & sieved	ID8I024179			1	☒	unk	—
180	145	4	1	3	Unk	I187-01J	dried & sieved	ID8I024180			1	☒	unk	—
181	146	4	2	3	Unk	I187-01M	dried & sieved	ID8I024181			1	☒	unk	—
182	147	4	3	3	Unk	I187-01S	dried & sieved	ID8I024182			1	☒	unk	—
183	148	4	4	3	Unk	I187-02	dried & sieved	ID8I024183			1	☒	unk	—
184	149	4	5	3	Unk	I187-03	dried & sieved	ID8I024184			1	☒	unk	—
185	150	4	6	3	QC	CCV16		ID8I024185			1	☒	CCV	None
186	151	4	7	3	QC	CCB16		ID8I024186			1	☒	3XIDL	None
187	152	4	8	3	Unk	I187-04	dried & sieved	ID8I024187			1	☒	unk	—
188	153	4	9	3	Unk	I187-05	dried & sieved	ID8I024188			1	☒	unk	—
189	154	4	10	3	Unk	I187-06	dried & sieved	ID8I024189			1	☒	unk	—
190	155	4	11	3	Unk	I187-07	dried & sieved	ID8I024190			1	☒	unk	—
191	156	4	12	3	Unk	I187-08	dried & sieved	ID8I024191			1	☒	unk	—
192	157	4	1	4	Unk	I187-09	dried & sieved	ID8I024192			1	☒	unk	—
193	158	4	2	4	Unk	I187-10	dried & sieved	ID8I024193			1	☒	unk	—
194	159	4	3	4	QC	ICSA3		ID8I024194			1	☒	ICSA	None
195	160	4	4	4	QC	ICSAB3		ID8I024195			1	☒	ICSAB1	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
196	161	4	5	4	QC	CCV17		D8I024196			1	☒	CCV	None
197	162	4	6	4	QC	CCB17		D8I024197			1	☒	3X DL	None
198	163	4	7	4	QC	IPI071SB		D8I024198			1	☒	CCB	None
199	164	4	8	4	QC	IPI071SL		D8I024199			1	☒	LCS	None
200	165	4	9	4	QC	IPI071SC		D8I024200			1	☒	LCS	None
201	166	4	10	4	Unk	I235-01A	dried & sieved	D8I024201			1	☒	unk	—
202	167	4	11	4	Unk	I235-01	dried & sieved	D8I024202			1	☒	unk	—
203	168	4	12	4	Unk	I235-01J	dried & sieved	D8I024203			1	☒	unk	—
204	169	4	1	5	Unk	I235-01M	dried & sieved	D8I024204			1	☒	unk	—
205	170	4	2	5	Unk	I235-01S	dried & sieved	D8I024205			1	☒	unk	—
206	171	4	3	5	Unk	I235-02	dried & sieved	D8I024206			1	☒	unk	—
207	172	4	4	5	Unk	I235-03	dried & sieved	D8I024207			1	☒	unk	—
208	173	4	5	5	QC	CCV18		D8I024208			1	☒	CCV	None
209	174	4	6	5	QC	CCB18		D8I024209			1	☒	3X DL	None
210	175	4	7	5	Unk	I235-04	dried & sieved	D8I024210			1	☒	unk	—
211	176	4	8	5	Unk	I235-05	dried & sieved	D8I024211			1	☒	unk	—
212	177	4	9	5	Unk	I235-06	dried & sieved	D8I024212			1	☒	unk	—
213	178	4	10	5	Unk	I235-07	dried & sieved	D8I024213			1	☒	unk	—
214	179	4	11	5	Unk	I235-08	dried & sieved	D8I024214			1	☒	unk	—
215	180	4	12	5	Unk	I235-09	dried & sieved	D8I024215			1	☒	unk	—
216	12	2	12	1	Unk	I235-10	dried & sieved	D8I024216			1	☒	unk	—
217	13	2	1	2	Unk	I235-11	dried & sieved	D8I024217			1	☒	unk	—
218	14	2	2	2	Unk	I235-12	dried & sieved	D8I024218			1	☒	unk	—
219	15	2	4	2	QC	CCV19 I235-14 deleted position 15		D8I024219			1	☒	CCV	None
220	17	2	5	2	QC	CCB19 duplicate on position 15/16		D8I024220			1	☒	3XIDL	None
221	18	2	6	2	Unk	I235-15 instead of	dried & sieved	D8I024221			1	☒	unk	—
222	19	2	7	2	Unk	I235-16 16/17	dried & sieved	D8I024222			1	☒	unk	—
223	20	2	8	2	Unk	I235-17 TRIPLICATE	dried & sieved	D8I024223			1	☒	unk	—
224	21	2	9	2	Unk	I235-18	dried & sieved	D8I024224			1	☒	unk	—
225	22	2	10	2	Unk	I235-19	dried & sieved	D8I024225			1	☒	unk	—
226	23	2	11	2	Unk	I235-20	dried & sieved	D8I024226			1	☒	unk	—
227	24	2	12	2	Unk	I235-21	dried & sieved	D8I024227			1	☒	unk	—
228	25	2	1	3	QC	CCV20		D8I024228			1	☒	CCV	None
229	26	2	2	3	QC	CCB20		D8I024229			1	☒	3XIDL	None
230	61	3	1	1	Unk	I235-04W	dried & sieved	D8I024230			1	☒	unk	—
231	62	3	2	1	Unk	I235-05W	dried & sieved	D8I024231			1	☒	unk	—
232	63	3	3	1	Unk	I235-06W	dried & sieved	D8I024232			1	☒	unk	—
233	64	3	4	1	Unk	I235-07W	dried & sieved	D8I024233			1	☒	unk	—
234	65	3	5	1	Unk	I235-08W	dried & sieved	D8I024234			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
235	66	3	6	1	Unk	I235-09W	dried & sieved	D8I024235			1	☒	unk	---
236	67	3	7	1	Unk	I235-10W	dried & sieved	D8I024236			1	☒	unk	---
237	68	3	8	1	Unk	I235-11W	dried & sieved	D8I024237			1	☒	unk	---
238	69	3	9	1	Unk	I235-12W	dried & sieved	D8I024238			1	☒	unk	---
239	70	3	10	1	QC	CCV21		D8I024239			1	☒	CCV	None
240	71	3	11	1	QC	CCB21		D8I024240			1	☒	3XIDL	None
241	72	3	12	1	Unk	I235-15W	dried & sieved	D8I024241			1	☒	unk	---
242	73	3	1	2	Unk	I235-16W	dried & sieved	D8I024242			1	☒	unk	---
243	74	3	2	2	Unk	I235-17W	dried & sieved	D8I024243			1	☒	unk	---
244	75	3	3	2	Unk	I235-18W	dried & sieved	D8I024244			1	☒	unk	---
245	76	3	4	2	Unk	I235-19W	dried & sieved	D8I024245			1	☒	unk	---
246	77	3	5	2	Unk	I235-20W	dried & sieved	D8I024246			1	☒	unk	---
247	78	3	6	2	Unk	I235-21W	dried & sieved	D8I024247			1	☒	unk	---
248	79	3	7	2	QC	CCV22		D8I024248			1	☒	CCV	None
249	80	3	8	2	QC	CCB22		D8I024249			1	☒	3XIDL	None

INDX	LSID	Al	Sb	As	Be	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00016	.00001	.00060	.00021	.00027	.00018	-.00075	.00044	-.00005	-.00087	Blank
2	S20					.29171		7.9809				S20
3	S21					9.4912		27.612				S21
4	S22				.45550						.16535	S22
5	S23				4.5132						1.7146	S23
6	S24						.00893					S24
7	S25						.90579					S25
8	S26	.19933							.97015	.3337		S26
9	S27	7.2143							8.8994	1.2811		S27
10	S28		.00515									S28
11	S29		.05057									S29
12	S30			.00112								S30
13	S31			.00449								S31
14	ICV	104.16	1.5126	1.0093	1.9557	1.5974	2.4247	1.9969	24.229	2.3395	.91411	ICV
15	ICB	.00034	.01378*	.00037	.00007	.00001	.00112	-.00001	-.00239	.00012	-.00003	ICB
16	MR_2401	.20691	.10709	.01066	.01363	.01044	.01014	.01025	1.0365	.01043	.00969	MR_2401
17	MR_2402	.21207	.05342	.01065	.00539	.00410	.00377	.00510	.56405	.01004	.00954	MR_2402
18	ICSA1	385.16	.00477	-.05101	.00395	-.00002	-.01614*	.00080	466.91	.00077	.00178	ICSA1
19	ICSAB1	380.86	1.0032	1.0349	.51264	.43889	.47125	.99549	459.05	.49154	.45562	ICSAB1
20	CCV1	101.44	1.9546	1.0424	2.0466	1.5625	2.4938	2.0499	76.872	2.5224	.95852	CCV1
21	CCB1	.00065	.01010*	-.00001	-.00001	.00003	.00190	.00001	.01147	-.00001	.00001	CCB1
22	IP1076W8	.00381	-.00054	.00014	.00141	.00012	.00132	.00013	.01417	-.00010	.00009	IP1076W8
23	IP1076W_	5.1750	2.4255	.50079	.47645	.49218	.48701	.49772	45.223	.47189	.46214	IP1076W_
24	IP1076WC	5.0957	2.4111	.49245	.48893	.48232	.48283	.48562	46.706	.46096	.44261	IP1076WC
25	7777777	4.2500	1.8972	2.4521	.42622	.38529	.65569	.39016	55.767	.35725	.35755	7777777
26	1320-01	.17660	.01743	9.6177	.07281	.00039	.39973	.00015	26.528	.00057	.00002	1320-01
27	1320-01A	.03290	.00859	1.6444	.01500	.00001	.07625	.00031	5.8216	-.00092	.00004	1320-01A
28	1320-02	.07599	.00624	10.765	.09542	.00050	.14539	.00035	33.138	.00037	.00018	1320-02
29	1320-03	.04508	.00216	.07571	.01041	.00002	.23557	.00003	24.017	.00032	.00278	1320-03
30	1320-04	.02608	.00251	.04354	.01374	.00001	.23543	.00007	25.229	.00021	.00152	1320-04
31	CCV2	102.28	1.5645	1.0324	2.0761	1.5503	2.4931	2.0456	76.906	2.5011	.95587	CCV2
32	CCB2	.00123	.00968*	.00088	-.00033	-.00001	.00097	-.00001	.00578	-.00001	-.00011	CCB2
33	IP1070S0	.00563	.00145	.00079	.00044	.00012	.00024	.00013	.01480	.00006	.00017	IP1070S0
34	IP1070S8	5.1865	2.4155	.51490	.50548	.51270	.44467	.53221	49.706	.50138	.49713	IP1070S8
35	IP1070SY	4.9591	2.4072	.49071	.48736	.49576	.44330	.51325	49.623	.48175	.48121	IP1070SY
36	1296-01A	19.672	1.5043	.55064	.86831	.50385	.46434	.54914	59.971	.56715	.52411	1296-01A
37	1296-01W	14.370	.01470	.07546	.36376	.00162	.10640	.00169	9.7918	.16212	.31199	1296-01W
38	1296-01J	2.0090	.00582	.01016	.03278	.00329	.00385	.00028	2.0097	.01055	.00230	1296-01J
39	1320-01A	5.8636	2.7033	10.699	.59365	.51966	.54869	.54029	81.478	.51370	.45592	1320-01A
40	1320-01M	5.4257	2.5830	10.407	.55276	.49726	.51223	.49531	77.549	.47210	.45868	1320-01M
41	1320-01S	5.5706	2.6202	10.546	.55561	.49269	.52421	.50534	79.390	.47874	.46469	1320-01S
42	CCV3	104.19	1.5559	1.0018	2.0030	1.5944	2.4849	2.0407	77.417	2.5165	.95540	CCV3
43	CCB3	.00165	.01173*	.00145	-.00026	.00000	.00078	.00131	.00735	-.00002	.00006	CCB3
44	IP1073W8	.00340	.00215	.00018	.00017	.00000	-.00001	.00009	-.00376	.00008	.00006	IP1073W8
45	IP1073W_	5.4681	2.5832	.52866	.49432	.51369	.50364	.52711	51.138	.49568	.48316	IP1073W_
46	IP1073WC	5.4522	2.5335	.52879	.49950	.52379	.50917	.52549	54.326	.49117	.48541	IP1073WC
47	1075-02A	5.8011	1.4680	.05883	.50382	.52207	.60545	.53652	176.02	.55003	.45985	1075-02A
48	1075-02	.02093	.03727	.00203	.00314	.00016	.08454	.00009	132.12	.00155	-.00013	1075-02
49	1075-02J	.00435	.01763	.00053	.00199	.00003	.01477	.00000	25.547	.00033	.00001	1075-02J
50	1075-02M	5.7751	2.7046	.55564	.57102	.51685	.58990	.53882	183.65	.50335	.43553	1075-02M
51	1075-02S	5.5573	2.6595	.54363	.55803	.50754	.52633	.52109	179.37	.49185	.46310	1075-02S
52	1075-01	.03865	.01848	.00109	.00335	.00020	.12778	.00004	168.85	.00266	-.00030	1075-01
53	1077-24	.00216	.00673	.00087	.00009	.00007	.00035	.00006	.00811	.00019	.00012	1077-24
54	CCV4	104.53	1.5625	1.0459	2.0173	1.5511	2.4938	2.0416	77.605	2.5198	.95368	CCV4

55	CCB4	.00423	.01517*	.00081	-.00004	.00000	.00086	.00001	.00427	.00002	-.00002	CCB4
56	I097-02	.25679	.00234	.00667	.00703	.00011	.27977	.00014	29.357	.00114	.00036	I097-02
57	I097-03	.08653	.00174	.00118	.04787	.00009	.59107	.00019	48.094	.00058	.00115	I097-03
58	I097-06	.04286	.00088	.01198	.06028	.00008	.54018	.00056	111.67	.00080	.00149	I097-06
59	I097-08	.01601	.00130	.00986	.03110	-.00004	.47669	.00008	64.462	.00133	.00013	I097-08
60	I097-10	.17763	.00015	.00094	.03378	.00003	.40181	.00120	107.09	.00331	.02921	I097-10
61	I097-13	.01368	.00462	.29814	.01390	.00011	.28403	.00017	9.4418	.07731	.00007	I097-13
62	I097-15	.00510	-.00003	.00520	.03638	.00017	.34653	.00025	100.77	.00052	.00011	I097-15
63	I097-17	1.6533	.00075	.00228	.04286	.00128	.55601	.00045	58.993	.00195	.01251	I097-17
64	I091-01	.00712	-.00003	.00206	.18761	.00000	.10385	-.00001	162.64	.00069	-.00019	I091-01
65	I091-02	.22252	.00677	.00467	.23876	.00165	.21476	.00202	351.64	.00271	.00115	I091-02
66	CCV5	104.10	1.5539	1.0502	2.0201	1.5838	2.5075	2.0436	77.977	2.5368	.95127	CCV5
67	CCB5	.00056	.01097*	.00077	.00006	.00001	.00090	.00003	.01249	-.00002	-.00004	CCB5
68	I112-10	.00721	.00167	.00145	.00612	.00007	.14913	.00022	15.136	.00046	-.00017	I112-10
69	I112-11	.00750	.00022	.00294	.01563	.00004	.14328	.00015	22.324	.00065	-.00012	I112-11
70	I088-08	.01625	-.00018	.00194	.01032	.00012	.15513	.00038	39.558	.00082	-.00023	I088-08
71	I088-09	.00932	.00037	-.00022	.01012	-.00002	.15530	.00021	39.644	.00062	-.00016	I088-09
72	I086-02	.01340	-.00098	.00247	.00024	-.00005	.03084	.00006	.22629	-.00015	.00005	I086-02
73	I129-02	.03985	.00056	.00311	.05797	.00006	.64207	.00044	64.203	.00111	.00277	I129-02
74	I129-04	.08663	.00000	.03101	.03566	.00004	.49840	.00028	77.080	.00166	.00433	I129-04
75	CCV6	101.82	1.5557	1.0500	2.0489	1.5884	2.5259	2.0422	77.840	2.5570	.95181	CCV6
76	CCB6	.00306	.00988*	.00075	.00005	-.00001	.00123	.00002	.05228	.00010	-.00001	CCB6
77	IPI077WB	.00094	-.00079	.00081	.00060	.00011	.00039	.00008	.00659	-.00003	.00003	IPI077WB
78	IPI077WL	5.4601	2.5598	.54126	.50704	.51168	.51894	.52189	52.505	.50373	.48016	IPI077WL
79	IPI077WC	5.5288	2.6016	.54120	.50283	.51715	.52541	.52041	51.624	.50387	.47820	IPI077WC
80	I120-01A	5.7083	1.0056	.58022	.61977	.52549	.67519	.53630	167.04	.55077	.48418	I120-01A
81	I120-01	.00144	.02553	.00275	.10995	.00007	.15185	.00019	119.52	.03367	.00010	I120-01
82	I120-01J	.00417	.01903	-.00007	.02217	-.00002	.02801	.00003	24.039	.00696	-.00009	I120-01J
83	ICSA2	384.38	.00698	-.00025	.00014	-.00004	-.00907	.00056	476.50	-.00056	-.00123	ICSA2
84	ICSAB2	390.57	1.0552	1.0791	.52582	.49795	.49098	1.0132	477.06	.47335	.46072	ICSAB2
85	CCV7	102.00	1.5651	1.0657	2.0653	1.5821	2.5407	2.0385	77.967	2.5757	.94786	CCV7
86	CCB7	-.00027	.00671*	.00116	-.00001	.00002	.00039	.00004	.00225	-.00006	.00007	CCB7
87	IPI070SQ	.00544	.00090	-.00032	.00048	.00003	.00022	.00013	.09770	.00010	.00014	IPI070SQ
88	IPI070SX	5.1440	2.4338	.53109	.52183	.51459	.46104	.53325	50.449	.51569	.49466	IPI070SX
89	IPI070SY	4.8987	2.4158	.50765	.50369	.49375	.45658	.51320	50.236	.49560	.47633	IPI070SY
90	I296-01A	19.740	2.5337	.57258	.89492	.52758	.48220	.54747	60.321	.57665	.51726	I296-01A
91	I296-01W	14.320	.00649	.03057	.37396	.00161	.00851	.00145	10.020	.05347	.01179	I296-01W
92	I296-01J	3.0144	.00373	.00670	.07522	.00030	.00128	.00023	2.0322	.01069	.00215	I296-01J
93	I221-04A	90.927	2.5797	.56733	1.3176	.53590	.49241	.55144	67.179	.72553	.57936	I221-04A
94	I221-04W	84.065	.00966	.00879	.80299	.00103	.00467	.00065	17.531	.19260	.07141	I221-04W
95	I221-04J	17.163	.00418	.00231	.16279	.00019	.00057	-.00014	3.6363	.03859	.01410	I221-04J
96	CCV8	102.74	1.5604	1.0836	2.0871	1.5665	2.5614	2.0450	78.186	2.5744	.94635	CCV8
97	CCB8	-.00199	.00647*	.00072	-.00010	.00002	.00016	-.00001	.00034	-.00013	-.00008	CCB8
98	IPI072SB	.00005	.00127	.00078	.00065	-.00004	.00002	.00005	-.01313	.00004	.00003	IPI072SB
99	IPI072SL	4.9935	2.4404	.52239	.51342	.50796	.46621	.52761	51.454	.50900	.49054	IPI072SL
100	IPI072SC	5.1361	2.5518	.54289	.52802	.51964	.48575	.54161	51.258	.52458	.50248	IPI072SC
101	I077-01A	168.38	2.6234	.65129	1.9439	.52863	.59904	.55807	219.33	.78123	.61064	I077-01A
102	I077-01	164.43	.02582	.07147	1.4333	.00443	.11480	.00469	177.17	.25494	.10373	I077-01
103	I077-01J	33.908	.00740	.01433	.29343	.00092	.02011	-.00012	38.213	.05294	.02082	I077-01J
104	I077-01M	200.23	2.3026	.61338	1.8787	.47858	.57345	.50427	213.04	.76966	.58252	I077-01M
105	I077-01S	204.99	2.3330	.60381	1.9247	.48370	.58441	.50306	214.15	.76901	.57592	I077-01S
106	I077-02	120.75	.02122	.08196	.68797	.00353	.09366	.00392	127.86	.19088	.09438	I077-02
107	I077-03	123.11	.01103	.06650	.92934	.00384	.08855	.00370	90.271	.20863	.10628	I077-03
108	CCV9	102.01	1.5678	1.0890	2.0957	1.5651	2.5662	2.0451	78.061	2.5843	.94730	CCV9
109	CCB9	-.00179	.01152*	-.00002	-.00005	-.00001	.00092	-.00001	.02117	-.00005	-.00004	CCB9
110	I077-04	128.22	.00895	.07354	.78527	.00361	.10705	.00414	120.28	.20789	.09374	I077-04
111	I077-05	102.52	.00743	.04963	.95455	.00379	.06619	.00192	47.386	.32882	.09344	I077-05

112	I077-06	133.07	.00561	.06786	1.4028	.00427	.11395	.00317	68.071	.22671	.09380	I077-06
113	I077-07	55.622	.00586	.02665	.48518	.00230	.02916	.00081	21.607	.11821	.04926	I077-07
114	I077-08	46.155	.00314	.02489	.35991	.00189	.02372	.00047	10.052	.11313	.05351	I077-08
115	I077-09	47.263	.01804	.02452	.42843	.00185	.02436	.00101	12.719	.11649	.05104	I077-09
116	I077-10	35.373	.00301	.02003	.23754	.00140	.01307	.00017	6.1089	.09764	.04187	I077-10
117	I077-11	106.67	.00391	.05824	.82348	.00355	.10470	.00248	88.811	.17835	.08006	I077-11
118	I077-12	72.498	.00236	.03955	.86465	.00210	.05480	.00180	275.80	.14157	.05119	I077-12
119	I077-13	120.68	.00532	.06888	1.2739	.00388	.11035	.00476	99.142	.22532	.09024	I077-13
120	CCV10	103.57	1.5570	1.0889	2.0928	1.5566	2.5720	2.0432	78.450	2.5820	.94601	CCV10
121	CCB10	-.00335	.00979*	.00023	-.00010	-.00002	.00047	-.00003	.01273	.00002	-.00009	CCB10
122	I077-14	84.468	.02406	.05131	1.5620	.00285	.09079	.01895	199.74	.45574	.06351	I077-14
123	I077-15	56.448	.00362	.03054	.40507	.00214	.02851	.00034	8.7313	.13230	.04893	I077-15
124	I077-16	61.148	.00196	.03275	.46071	.00226	.02977	.00020	8.8926	.14139	.05578	I077-16
125	I077-17	58.237	.00212	.03006	.49116	.00236	.03072	.00050	12.639	.12608	.05268	I077-17
126	I077-18	54.878	.00160	.02803	.40401	.00247	.03880	.00039	10.327	.12005	.04531	I077-18
127	I077-19	60.283	.02824	.03478	.46714	.00261	.04666	.00606	100.20	.19566	.05264	I077-19
128	I077-20	48.333	.02570	.02690	.40170	.00204	.04029	.00294	56.116	.16046	.04477	I077-20
129	CCV11	102.27	1.5594	1.0957	2.1083	1.5534	2.5853	2.0448	78.617	2.6073	.94428	CCV11
130	CCB11	-.00356	.00915*	.00122	-.00017	-.00003	.00068	.00001	-.00468	-.00007	-.00005	CC811
131	TXI006S8	.05414	.00245	-.00027	.00218	.00001	.03542	.00000	.04271	.00022	-.00015	TXI006SB
132	I461-01A	5.6601	2.6587	.60190	.64563	.51060	.58280	.53900	151.70	.52027	.48968	I461-01A
133	I461-01	.05771	.01639	.00677	.12225	.00015	.06182	.00267	105.71	.00336	.00280	I461-01
134	I461-01J	.01422	.00392	.00242	.02251	.00000	.01033	.00052	19.642	.00084	.00052	I461-01J
135	I461-01M	5.4436	2.6597	.58387	.64383	.50728	.59968	.52678	160.80	.51053	.48095	I461-01M
136	I461-01S	5.3766	2.6390	.57890	.63284	.49284	.58608	.51896	162.01	.50045	.47282	I461-01S
137	I462-03	.11213	.02563	-.00150	.12270	.00015	.11534	.00990	5.4267	.00979	.00111	I462-03
138	I462-04	.86245	.01179	.00032	.22289	.00002	.58582	.00487	6.3387	.00170	.00459	I462-04
139	I484-01	.09905	.01181	.00069	.19715	.00026	.23668	.02439	11.497	.01619	.01381	I484-01
140	CCV12	102.68	1.5644	1.0996	2.0928	1.5514	2.5726	2.0471	78.430	2.5907	.94492	CCV12
141	CCB12	-.00326	.01054*	.00036	-.00001	-.00003	.00124	-.00004	-.00366	.00006	-.00004	CCB12
142	IPI066S8	-.00263	-.00066	.00178	.00058	.00012	.00083	.00010	.00781	-.00017	.00016	IPI066SB
143	IPI066SL	5.3398	2.5356	.55208	.51447	.49988	.52380	.51603	52.275	.50661	.47153	IPI066SL
144	IPI066SC	5.3754	2.6197	.56438	.52393	.51139	.54208	.52339	52.088	.51920	.47671	IPI066SC
145	I235-01A	5.9707	2.6251	.59809	.55780	.54262	.51934	.63013	101.06	.54899	.50710	I235-01A
146	I235-01T	.26456	.01981	.00437	.00574	.00007	.00160	.07528	52.839	.00553	.00149	I235-01T
147	I235-01J	.05459	.00739	.00064	.00125	-.00002	-.00006	.01471	10.572	.00104	.00026	I235-01J
148	I235-01M	.76965	.25459	.05677	.05748	.05103	.05048	.11555	45.913	.05522	.04906	I235-01M
149	I235-01S	.73812	.26042	.05920	.05682	.05065	.05144	.10674	58.663	.05619	.04872	I235-01S
150	I235-02T	.73477	.00634	.00270	.00906	.00006	.00004	.03255	33.848	.00298	.00130	I235-02T
151	I235-03T	2.2572	.00378	.00157	.04205	.00022	-.00019	.02579	58.856	.00470	.00309	I235-03T
152	CCV13	101.47	1.5599	1.0938	2.1169	1.5580	2.5832	2.0447	78.224	2.6015	.94604	CCV13
153	CCB13	-.00313	.01069*	.00127	-.00008	.00001	.00120	-.00001	.01464	-.00002	-.00013	CCB13
154	I235-04T	.19922	.00441	.00325	.00318	.00002	.00079	.01763	35.996	.00234	.00032	I235-04T
155	I235-05T	.48348	.00413	.00407	.00267	.00008	.00016	.02607	56.018	.00829	.00081	I235-05T
156	I235-06T	.14698	.00238	.00157	.00168	.00000	.00004	.02250	35.954	.00166	.00029	I235-06T
157	I235-07T	.20998	.00272	.00247	.00262	.00004	.00023	.03333	61.832	.00259	.00051	I235-07T
158	I235-08T	.16507	.00250	.00273	.00165	.00003	-.00031	.02105	30.406	.00292	.00034	I235-08T
159	I235-09T	.15867	.00284	.00261	.00225	.00002	-.00026	.04498	66.056	.00303	.00050	I235-09T
160	I235-10T	.10498	.00333	.00368	.00123	-.00001	-.00025	.05742	124.60	.00501	.00026	I235-10T
161	I235-11T	.13189	.00023	.00155	.00175	.00000	-.00027	.01023	73.511	.00227	.00017	I235-11T
162	I235-12T	.16967	.00053	.00235	.00215	.00003	-.00022	.01697	87.981	.00307	.00018	I235-12T
163	I235-14T	.18236	.00558	.00412	.00152	.00002	-.00098	.10898	68.942	.00693	.00107	I235-14T
164	CCV14	102.33	1.5567	1.0958	2.1120	1.5533	2.5759	2.0469	78.235	2.5939	.94652	CCV14
165	CCB14	-.00295	.00909*	-.00052	.00000	-.00001	.00091	-.00001	-.01001	-.00002	-.00006	CCB14
166	I235-15T	.11435	.00719	.00316	.00124	.00000	.00024	.07818	45.041	.00339	.00039	I235-15T
167	I235-16T	.11799	.00392	.00170	.00123	-.00004	.00014	.04378	82.123	.00375	.00046	I235-16T
168	I235-17T	.51742	.00346	.00390	.01141	.00005	-.00020	.04351	46.471	.00376	.00173	I235-17T

169	1235-18T	2.7952	.00532	.03949	.00986	.00945	.00044	.10163	34.721	.00945	.00623	.00000	1235-18T
170	1235-19T	1.1039	.00274	.03426	.00919	.00913	-.00002	.04910	56.763	.00473	.00118	.00000	1235-19T
171	1235-20T	.16352	.00264	.00294	.00164	-.00092	.00018	.00052	34.977	.00233	.00034	.00000	1235-20T
172	1235-21T	.72529	.00305	.00019	.01355	.00007	-.00031	.05135	31.767	.00401	.00131	.00000	1235-21T
173	00015	101.75	1.5132	1.0978	2.1171	1.5494	2.5758	2.0511	77.763	2.5839	.94974	00015	
174	00015	-.00102	.00095*	-.00033	-.00004	-.00003	.00102	.00001	.01131	-.00014	-.00024	00015	
175	IP107558	-.00016	.03165	.00172	.00370	.00002	-.00002	.00010	-.00564	.00014	-.00001	IP107558	
176	IP107551	4.9360	2.4563	.52010	.51753	.49276	.47364	.52432	52.137	.50985	.48502	IP107551	
177	IP107550	4.9926	2.4814	.53227	.51472	.49395	.47430	.52582	51.424	.50949	.48575	IP107550	
178	1187-01A	06.262	2.4899	.63037	1.5435	.52356	.48559	.67532	88.451	.62454	.95555	1187-01A	
179	1187-01	90.128	.03224	.03762	1.0398	.00417	.01259	.12523	40.471	.10392	.04379	1187-01	
180	1187-01J	10.474	.01058	.01381	.20564	.00123	.00151	.02445	8.3554	.02108	.00856	1187-01J	
181	1187-01M	69.825	2.1845	.55743	3.5067	.47744	.41348	.61154	85.765	.59058	.49562	1187-01M	
182	1187-01S	92.158	3.2619	.58237	1.5571	.48546	.47746	.62394	87.925	.60518	.51344	1187-01S	
183	1187-02	56.677	.02438	.03127	1.2619	.00855	.03621	.03441	24.658	.12236	.06815	1187-02	
184	1187-03	45.998	.01237	.07206	1.0394	.00767	.01285	.03859	31.494	.10101	.03929	1187-03	
185	00016	101.47	1.5525	1.0979	2.1254	1.5442	2.5641	2.0499	77.661	2.5832	.94964	00016	
186	00016	-.00092	.00167*	.00001	-.00001	-.00001	.00088	-.00001	-.00954	-.00009	.00001	00016	
187	1187-04	67.252	.00911	.03676	1.1284	.00906	.00601	.00429	24.207	.11995	.07609	1187-04	
188	1187-05	67.222	.00903	.03156	1.1325	.00587	.00918	.00276	26.181	.23413	.09174	1187-05	
189	1187-06	66.611	.00764	.07598	1.6526	.00749	.01371	.03923	74.264	.13518	.08003	1187-06	
190	1187-07	71.456	.00589	.03944	2.7312	.00754	.00546	.00256	23.979	.13114	.12454	1187-07	
191	1187-08	37.154	.00513	.05179	.05292	.00551	.00600	.03287	29.791	.07831	.06456	1187-08	
192	1187-09	56.080	.00215	.06621	.06121	.00775	.00203	.01169	32.538	.13631	.10168	1187-09	
193	1187-10	44.412	.00791	.07332	1.0510	.00671	.00446	.05769	19.838	.11945	.07237	1187-10	
194	IC542	372.43	.00175	-.00232	.00117	.00403	.00060	.00176	472.16	-.00025	-.00124	IC542	
195	IC5483	374.77	1.0233	1.0982	.60885	.47066	.60267	.99367	463.38	.47041	.44693	IC5483	
196	00017	101.71	1.5613	1.0126*	2.1334	1.5493	2.5868	2.0489	78.004	2.5931	.94701	00017	
197	00017	-.00222	.00091*	.00035	.00005	.00003	.00103	.00001	-.00653	.00011	-.00008	00017	
198	IP107558	.08297	.03217	.03074	.09058	-.00091	.00057	.00007	-.03647	.00008	-.00025	IP107558	
199	IP107550	5.1047	2.4999	.54992	.52836	.50452	.48603	.53493	50.829	.52125	.49439	IP107550	
200	IP107550	4.9299	2.4426	.53044	.51205	.48819	.47477	.51896	50.844	.53609	.47815	IP107550	
201	1235-01A	13.064	2.6791	.65182	.85186	.51775	.52755	1.2720	753.55	.59252	.52469	1235-01A	
202	1235-01	4.4007	.04580	.01975	.03738	.00124	.01507	.17791	724.44	.06547	.02117	1235-01	
203	1235-01J	.56657	.01648	.10988	.03660	.00222	.00268	.16132	159.33	.01431	.00418	1235-01J	
204	1235-01M	10.317	1.6322	.61194	.60011	.47117	.50478	1.2790	803.26	.55126	.48854	1235-01M	
205	1235-01S	10.060	2.6784	.60334	.60296	.47207	.50327	1.2354	772.14	.55040	.47910	1235-01S	
206	1235-02	5.2731	.03716	.04960	.03966	.00091	.01249	.05493	678.47	.04787	.01519	1235-02	
207	1235-03	28.193	.03969	.06232	.45071	.00303	.00942	.59085	343.39	.06839	.03[illegible]	1235-03	
208	00018	101.51	1.5281	1.0287*	2.1344	1.6372	2.6037	2.0591	77.471	2.5856	.94705	00018	
209	00018	.00066	.01172*	-.00125	-.00006	.00004	.00124	.00005	-.00022	.00006	-.00014	00018	
210	1235-04	5.2.75	.02921	.08597	.08182	.00165	.01088	.03516	895.37	.06850	.01760	1235-04	
211	1235-05	6.7036	.02958	.10369	.35453	.00.15	.00966	.62099	1259.4*	.07256	.01668	1235-05	
212	1235-06	2.4740	.02261	.09071	.03737	.00137	.01396	.03186	909.96*	.05058	.01551	1235-06	
213	1235-07	3.3817	.02658	.09753	.04369	.00167	.00253	.97062	1194.6*	.06677	.01656	1235-07	
214	1235-08	4.7564	.02784	.09017	.03589	.00167	.00442	.63821	953.46*	.09652	.01876	1235-08	
215	1235-09	3.2693	.02117	.06273	.03465	.00133	.01292	.74330	1162.7*	.05163	.01870	1235-09	
216	1235-10	1.9946	.01652	.05456	.01877	.00064	.00362	.61577	2043.7*	.05194	.00679	1235-10	
217	1235-11	2.6571	.01207	.03907	.02965	.00082	.00536	.33181	1412.1*	.03951	.00993	1235-11	
218	1235-12	2.4222	.01147	.03384	.03093	.00039	.00521	.32181	1293.3*	.03871	.00960	1235-12	
219	00019	-.00482*	.00058*	.00028*	-.00015*	.00001*	-.00087*	-.00004*	.01687*	-.00004*	.00002*	00019	
220	00019	-11.464*	-5.3970*	3.2941*	-9.4412*	-.70075*	-3.0577*	.29132*	-77.274*	2.9610*	1.4977*	00019	
221	1235-13	2.3647	.02745	.04532	.02548	.00061	-.00651	1.0694	709.51	.06155	.01189	1235-13	
222	1235-14	2.4707	.02429	.04620	.03343	.00165	-.00423	.82559	702.77	.07587	.01751	1235-14	
223	1235-17	3.3222	.02593	.04573	.05017	.00396	.00144	.97661	689.31	.07116	.01602	1235-17	
224	1235-18	22.142	.03054	.09394	.27528	.00377	.02704	1.2493	512.62	.20174	.06299	1235-18	
225	1235-19	14.703	.07857	.06556	.14146	.00230	-.00008	.83376	625.89	.06103	.02337	1235-19	

226	1235-20	2.3270	.02604	.04744	.03072	.09061	.00432	.74863	652.69	.06051	.01134	1235-20
227	1235-21	4.6883	.02713	.01315	.06239	.08099	.00322	1.0435	639.65	.07118	.01766	1235-21
228	CC723	102.06	1.5426	1.0319*	2.1131	1.5474	2.9892	2.0432	78.324	2.5973	.96394	CC723
229	CC820	-.00451	.01053*	.00106	-.00007	.00102	.00050	-.00002	-.00225	-.00011	-.00004	CC820
230	1235-04W	4.9827	.02225	.08345	.06075	.00155	.06918	.63969	885.52	.06594	.01771	1235-04W
231	1235-05W	5.1780	.02001	.09809	.05113	.00147	.70756	.65007	1207.1*	.06807	.01806	1235-05W
232	1235-06W	3.2926	.02136	.07902	.03656	.00133	.50309	.62821	921.62*	.04942	.01537	1235-06W
233	1235-07W	3.4322	.02512	.08543	.04146	.00162	.50395	.95924	1066.4*	.05319	.02672	1235-07W
234	1235-08W	4.5333	.02269	.07941	.03833	.00167	.60447	.68253	946.80*	.03519	.01899	1235-08W
235	1235-09W	2.5971	.02204	.05744	.03468	.00133	.05529	.74944	1146.5*	.05243	.01882	1235-09W
236	1235-10W	1.7566	.01647	.05645	.01917	.00061	.00321	.61702	2051.9*	.05079	.00666	1235-10W
237	1235-11W	2.5129	.01093	.03243	.03052	.00058	.00514	.33527	1432.7*	.00928	.01007	1235-11W
238	1235-12W	2.7901	.01999	.03493	.03097	.00079	.00462	.31957	1363.0*	.03079	.00555	1235-12W
239	CC921	97.583	1.4929	1.0480	2.0639	1.6051	2.4941	1.5779	74.646	2.5222	.92771	CC921
240	CC921	-.00797	.00922*	.00371	-.00006	-.00001	.00541	.00004	-.00247	.00010	.00000	CC921
241	1235-15W	1.9914	.07974	.04428	.07548	.05567	-.00610	1.0767	305.90	.08307	.00176	1235-15W
242	1235-16W	2.7134	.02683	.04690	.04389	.00070	-.00312	.82954	705.84	.07526	.01252	1235-16W
243	1235-17W	3.5925	.02462	.04591	.05252	.00067	-.00180	.99011	679.42	.07004	.01514	1235-17W
244	1235-18W	22.535	.00000	.09081	.28999	.00345	.00223	1.1686	516.00	.10760	.06036	1235-18W
245	1235-19W	14.795	.02382	.06416	.14378	.00135	-.00005	.82687	639.41	.08190	.02332	1235-19W
246	1235-20W	2.3055	.02594	.04777	.03147	.00061	.00408	.74340	645.90	.05556	.01139	1235-20W
247	1235-21W	4.8796	.02882	.10628	.05428	.00099	.00159	1.0404	644.39	.07104	.01782	1235-21W
248	CC722	97.742	1.5177	1.0444	2.0170	1.5193	2.5875	1.9972	74.593	2.5351	.92781	CC722
249	CC422	-.00423	.00326*	-.00035	-.00007	-.00002	.00001	.00030	-.01328	.00005	.00001	CC422
INDX	.512	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00075	.00001	.00012	-.00008	.00000	.00004	.00003	-.00062	-.00037	.00001	Blank
2	S20			.20859			.10417					S20
3	S21			2.0438			1.0228					S21
4	S22	.27937	.04926									S22
5	S23	2.6883	1.9193									S23
6	S24							.72617				S24
7	S25							7.1706				S25
8	S26								.82135	.24938		S26
9	S27								7.5758	2.4554		S27
10	S28					.11461						S28
11	S29					.46251						S29
12	S30				.02196						.00131	S30
13	S31				.10750						.00519	S31
14	ICV	2.4533	23.586	2.3300	.48119	55.910	2.2551	2.4354	2.4392	58.761	.99727	ICV
15	ICB	-.00022	.00158	.00013	-.00032	.00011	-.00021	.00091*	-.00022	.00960	.00072	ICB
16	MRL2401	.01025	.21155	.01016	.01036	.96145	.01032	.01059	.01035	1.0001	.01101	MRL2401
17	MRL2402	.01029	.10585	.00281	.09769	.20007	.00503	.01007	.01022	.96581	.00965	MRL2402
18	ICSA1	-.00035	186.43	-.00073	.00142	189.66	.00182	-.00246	-.00117	.05213	.00407	ICSA1
19	ICSAB1	.50246	181.89	.89177	1.0095	185.52	.43513	.99585	.94903	76.646	1.0441	ICSA81
20	CCV1	2.5156	24.668	2.4057	.49442	57.081	2.3599	2.5394	2.5168	60.842	1.0536	CCV1
21	CCB1	-.00011	.00152	-.00002	-.00028	-.00550	-.00014	.00087	-.00020	-.00976	-.00060	CC81
22	IPI076WB	.00048	.00012	-.00029	-.00195	.00416	.00016	.00014	.00016	-.07203	-.00047	IPI076WB
23	IPI076WL	.47390	4.8299	.47125	-.00052*	47.023	.45561	.48093	.48556	48.839	.49912	IPI076WL
24	IPI076WC	.46369	4.7195	.46127	-.00020*	44.597	.44631	.47144	.47364	46.995	.49420	IPI076WC
25	ZZZZZZZ	.39715	3.9676	.36470	.00144	46.170	.45554	.36257	.35361	37.508	.40593	ZZZZZZZ
26	I320-01	.01945	.18236	.00279	.00185	16.396	.14295	.00914	.00145	2.8442	.00195	I320-01
27	I320-01J	.00356	.03889	.00066	.00025	3.3676	.02905	.00194	.00010	.54789	.00047	I320-01J
28	I320-02	.00064	.03270	.00260	.00207	17.707	.47001	.01060	.00074	3.1060	.00021	I320-02
29	I320-03	.00093	.27930	.00036	.00144	15.351	.12173	-.00009	.00881	2.9125	-.00022	I320-03
30	I320-04	.00102	.32300	-.00068	.00154	16.181	.12346	-.00009	.00234	3.0044	-.00013	I320-04
31	CCV2	2.5111	24.601	2.3965	.49345	57.253	2.3357	2.5234	2.5056	59.418	1.0460	CCV2
32	CCB2	-.00011	.00065	-.00035	-.00041	.00155	.00003	.00094*	-.00018	.00584	.00038	CC82
33	IPI070SQ	-.00006	.00033	-.00011	-.00075	.00232	.00003	.00016	.00025	.00289	-.00082	IPI070SQ
34	IPI070SX	.50276	5.2026	.49974	-.00129*	47.142	.48357	.50734	.52282	47.232	.50043	IPI070SX
35	IPI070SY	.47670	4.9458	.47786	-.00092*	47.328	.46369	.50347	.50215	47.836	.48013	IPI070SY
36	I296-01A	.54838	53.831	.56298	.01719	52.452	1.3019	.52576	.51466	53.554	.51413	I296-01A
37	I296-01W	.04237	51.497	.06080	.01681	4.3972	.85941	.00395	.01566	4.1063	.00238	I296-01W
38	I296-01J	.00879	10.548	.01223	.00377	.89432	.17384	.00063	.00287	.78880	.00104	I296-01J
39	I320-01A	.54132	5.4427	.50464	.00208	67.422	.63951	.51361	.48648	55.043	.56392	I320-01A
40	I320-01M	.49952	5.0425	.46767	.00255	63.757	.59971	.48849	.48314	51.896	.52039	I320-01M
41	I320-01S	.51311	5.1943	.47536	.00214	64.991	.61115	.49634	.49018	51.584	.52754	I320-01S
42	CCV3	2.5067	24.750	2.3908	.49424	57.831	2.3470	2.5134	2.4979	59.487	1.0428	CCV3
43	CCB3	-.00016	.00119	-.00054	-.00028	.00323	-.00001	.00100*	-.00016	-.01162	.00073	CCB3
44	IPI073WB	-.00011	-.00004	-.00035	-.00131	.00570	-.00004	.00008	.00012	.00920	-.00081	IPI073WB
45	IPI073WL	.50553	5.2187	.49471	-.00024*	48.893	.47973	.50718	.50381	49.201	.51972	IPI073WL
46	IPI073WC	.50526	5.1976	.49683	-.00071*	52.011	.48138	.51084	.50710	53.003	.52373	IPI073WC
47	I075-02A	.51843	5.5977	.50460	.00459	71.418	.69462	.49839	.47958	55.204	.56257	I075-02A
48	I075-02	.00057	.37961	.00302	.00445	22.525	.22116	.00516	.00032	3.8156	-.00119	I075-02
49	I075-02J	-.00009	.07392	.00087	.00034	4.2872	.04282	.00119	-.00004	.69371	.00056	I075-02J
50	I075-02M	.52678	5.6638	.50907	.00383	72.618	.70597	.53813	.51645	55.146	.54026	I075-02M
51	I075-02S	.50302	5.4436	.49198	.00458	71.338	.69153	.51843	.49685	54.588	.53220	I075-02S
52	I075-01	.00054	.32823	.00262	.00665	30.083	.22375	.00160	.00030	4.3360	.00074	I075-01
53	I077-24	-.00006	.00231	.00007	-.00149	.01538	.00000	.00013	.00022	.02135	-.00083	I077-24
54	CCV4	2.5338	25.028	2.3917	.49657	57.548	2.3650	2.5181	2.5030	59.381	1.0445	CCV4

55	CCB4	-.00015	.00107	.00011	-.00037	-.00064	-.00009	.00102*	-.00015	-.02491	.00106	CCB4
56	I097-02	.00242	.48945	.00588	.02054	53.453	.06399	.00104	.00320	4.3325	.00234	I097-02
57	I097-03	.00189	-.01596	.00703	.05871	69.315	.10153	.00003	.00857	5.4489	.00559	I097-03
58	I097-06	.00259	-.02693	.00570	.10572	171.25	.05355	.00200	.02142	9.0257	.00527	I097-06
59	I097-08	.00279	-.01491	.00605	.03907	44.022	.04066	.00125	.00369	5.5774	.01659	I097-08
60	I097-10	.00923	.24531	.00473	.00983	57.269	.67744	.00328	.15947	3.2231	.01383	I097-10
61	I097-13	.00235	-.00785	.00303	.00678	23.633	.00024	.01842	.00070	3.0370	.01436	I097-13
62	I097-15	.00130	-.00490	.00339	.02123	51.124	.08086	.02662	.00481	4.4318	.00054	I097-15
63	I097-17	.00596	.00915	.00768	.09832	194.72	.14077	-.00033	.03533	8.9472	.00250	I097-17
64	I091-01	.00027	3.3631	.00239	.00710	23.265	.81524	-.00034	.00031	4.0960	-.00127	I091-01
65	I091-02	.00386	.37428	.04968	.01536	76.431	.19455	.00054	.00437	8.6165	.00709	I091-02
66	CCV5	2.5364	25.128	2.3998	.49895	57.829	2.3769	2.5235	2.5029	59.615	1.0528	CCV5
67	CCB5	-.00015	-.00048	-.00030	-.00058	-.00088	-.00008	.00109*	-.00021	.01663	.00038	CCB5
68	I112-10	.00102	-.00577	.00416	.00972	21.266	.00086	.00147	.00416	3.3219	.00798	I112-10
69	I112-11	.00118	-.00415	.00472	.00791	22.291	.00504	.00539	.00312	2.7469	.00544	I112-11
70	I088-08	.00160	-.01520	.00477	.01585	59.106	.00106	.00064	.01320	7.0424	.01694	I088-08
71	I088-09	.00103	-.01730	.00413	.01550	59.345	.00098	.00062	.01254	7.0911	.01727	I088-09
72	I086-02	.00009	.00036	-.00027	-.00109	.10920	-.00017	-.00007	.00006	.03343	-.00139	I086-02
73	I129-02	.00159	-.02213	.00685	.09502	107.23	.33967	-.00016	.02047	8.9876	.00270	I129-02
74	I129-04	.01140	-.01972	.00631	.05037	110.60	.08686	.00157	.02364	10.002	.03309	I129-04
75	CCV6	2.4943	24.552	2.3943	.49866	57.926	2.3919	2.5209	2.4900	61.856	1.0634	CCV6
76	CCB6	-.00013	.00224	.00021	-.00042	-.00607	-.00005	.00100*	-.00008	.01540	.00095	CCB6
77	IPI077W8	.00064	-.00210	-.00008	-.00364	-.00170	-.00003	.00012	.00014	-.07147	-.00111	IPI077WB
78	IPI077WL	.50614	5.2111	.49560	-.00051*	49.717	.49014	.50566	.50971	51.618	.53350	IPI077WL
79	IPI077WC	.50661	5.2816	.49422	-.00077*	49.088	.49111	.50348	.50620	49.823	.53443	IPI077WC
80	I120-01A	.51901	5.5329	.50374	.01611	82.746	.51036	.53939	.64267	55.079	.59460	I120-01A
81	I120-01	.00161	.25490	.00489	.01675	33.187	.01698	.05252	.17353	3.2057	.00927	I120-01
82	I120-01J	.00029	.05292	.00042	.00274	6.4738	.00328	.01107	.03454	.62483	.00154	I120-01J
83	ICSA2	-.00035	189.71	-.00258	.00093	192.68	.00178	-.00238	-.00135	.03521	.00402	ICSA2
84	ICSAB2	.51103	190.42	.91005	1.0342	193.09	.45442	1.0098	.96103	78.636	1.0843	ICSAB2
85	CCV7	2.5040	24.799	2.3985	.49914	58.005	2.4083	2.5216	2.4831	62.415	1.0804	CCV7
86	CCB7	-.00005	.00149	.00034	-.00085	.00160	.00004	.00056	-.00031	.00349	.00009	CCB7
87	IPI070SQ	.00002	.00389	.00009	-.00142	.01293	.00004	.00016	.00032	-.02035	-.00072	IPI070SQ
88	IPI070SX	.50051	5.1978	.50018	-.00131*	47.909	.49588	.50955	.51982	49.293	.51748	IPI070SX
89	IPI070SY	.47809	4.9705	.48016	-.00101*	47.800	.47888	.50579	.49985	50.296	.49893	IPI070SY
90	I296-01A	.55546	55.199	.56352	.01679	52.218	1.3500	.53123	.51111	54.726	.53380	I296-01A
91	I296-01W	.04287	52.810	.06049	.01659	4.5078	.89506	.00358	.01539	4.2141	.00353	I296-01W
92	I296-01J	.00857	10.625	.01201	.00359	.92024	.17949	.00066	.00279	.82768	-.00006	I296-01J
93	I221-04A	.59751	157.00	.53012	.06327	84.873	1.9269	.52668	.54259	90.674	.55183	I221-04A
94	I221-04W	.06168	155.19	.02225	.06409	37.518	1.4670	.00138	.04654	40.485	.00469	I221-04W
95	I221-04J	.01476	31.793	.00426	.01170	7.6906	.30419	.00011	.00899	8.0983	.00182	I221-04J
96	CCV8	2.5759	25.201	2.4141	.50780	57.357	2.4373	2.5525	2.5047	61.753	1.0841	CCV8
97	CCB8	-.00003	.00386	.00012	.00000	-.00256	-.00008	.00061	-.00011	-.02992	.00102	CCB8
98	IPI072SB	-.00029	-.00006	-.00009	-.00102	.00102	-.00018	.00012	.00017	-.02588	-.00063	IPI072SB
99	IPI072SL	.49094	5.0156	.49239	-.00087*	48.818	.49158	.51604	.51370	52.523	.51507	IPI072SL
100	IPI072SC	.50725	5.1906	.50744	-.00066*	48.476	.50616	.53459	.52838	51.818	.53271	IPI072SC
101	I077-01A	.71757	285.06	.57360	.29303	123.94	3.5871	.53670	.63687	95.613	.57239	I077-01A
102	I077-01	.15504	290.47	.06459	.30043	77.595	3.1798	.00496	.14075	44.087	.00598	I077-01
103	I077-01J	.03277	62.481	.01332	.05892	16.251	.67490	.00104	.02858	8.8707	.00064	I077-01J
104	I077-01M	.69133	336.89	.56906	.32740	128.90	5.0078	.50105	.64015	95.472	.50691	I077-01M
105	I077-01S	.67628	332.55	.53716	.33553	133.14	3.9077	.50288	.63872	98.492	.50579	I077-01S
106	I077-02	.14007	283.86	.05945	.28346	64.645	2.7812	.00716	.12072	30.237	.00877	I077-02
107	I077-03	.15027	280.30	.07210	.27408	65.769	3.4095	.00636	.13197	33.791	.00940	I077-03
108	CCV9	2.5600	25.096	2.4107	.50828	57.305	2.4337	2.5450	2.4999	62.440	1.0960	CCV9
109	CCB9	-.00003	.00489	-.00043	-.00105	.00062	-.00009	.00103*	-.00015	-.01411	.00074	CCB9
110	I077-04	.15730	288.25	.05392	.30466	70.246	3.0099	.00777	.13194	32.518	.00850	I077-04
111	I077-05	.11548	231.86	.09093	.12436	37.061	2.4379	.00807	.14577	22.870	.00489	I077-05

112	1077-05	.16835	269.87	.06630	.20211	37.549	2.6797	.00410	.14278	38.846	.00717	1077-05	
113	1077-07	.23734	131.81	.06894	.09605	29.625	1.6612	.00141	.05275	30.805	.00165	1077-07	
114	1077-08	.05129	119.30	.02682	.05981	21.395	1.6806	.00173	.05063	17.482	.00234	1077-08	
115	1077-09	.06790	178.85	.03323	.05143	20.869	1.6402	.00193	.04738	21.739	.00377	1077-09	
116	1077-10	.23466	103.73	.07131	.04395	15.674	1.0123	.00130	.03587	15.125	.00279	1077-10	
117	1077-11	.11611	257.51	.04374	.19208	51.216	2.9636	.00517	.10045	71.616	.00651	1077-11	
118	1077-12	.09062	169.74	.03161	.13355	30.327	5.4433	.00133	.07958	19.475	.00271	1077-12	
119	1077-13	.19616	252.21	.09536	.21592	53.673	2.9604	.00546	.14259	35.071	.00983	1077-13	
120	CC710	2.5992	25.406	2.4170	.51368	57.198	2.4410	2.5585	2.5074	61.366	1.0846	CC710	
121	CC810	.00002	.00006	-.00012	-.00021	-.00059	-.00074	.00107*	-.00074	-.02287	.00393	CC810	
122	1077-14	.95073	184.82	.64179	.15393	43.991	2.4031	.01181	.77105	26.995	.00526	1077-14	
123	1077-15	.05619	148.25	.02949	.18292	27.066	1.6394	.00370	.06437	24.676	.00293	1077-15	
124	1077-16	.06537	156.93	.03145	.08901	29.191	1.6236	.00212	.07113	24.277	.00402	1077-16	
125	1077-17	.06147	141.05	.03054	.07787	26.377	1.6366	.00191	.06662	22.967	.00510	1077-17	
126	1077-18	.05175	130.13	.02732	.05511	21.769	1.3722	.00188	.05401	16.876	.00427	1077-18	
127	1077-19	.13076	156.09	.72845	.05402	29.965	1.4977	.00434	.07615	13.108	.00369	1077-19	
128	1077-20	1.1396	145.72	.42060	.04595	16.702	1.2557	.00304	.04771	11.902	.00403	1077-20	
129	CC811	2.5763	25.036	2.4184	.51099	57.294	2.4525	2.5507	2.4592	62.369	1.1305*	CC811	
130	CC811	.00006	.00115	.00016	-.00077	-.00634	-.00016	.00101*	.00026	-.01166	.00112	CC811	
131	TX100558	.00090	.00911	-.00015	-.00119	.03215	.00077	.00058	.00086	.06342	.00043	TX100658	
132	1461-01A	3.2443	5.9856	.53092	.00020	49.365	.61131	.51072	.45116	52.276	.58576	1461-01A	
133	1461-01	2.6777	.61142	.13220	.00902	2.9955	1.1751	.00061	.00606	.56772	.00088	1461-01	
134	1461-01C	.47401	.00311	.03580	.00718	.55530	.02163	.00014	.00139	.00572	.00137	1461-01J	
135	1461-01H	3.3697	5.0317	.52348	.00055	50.597	.61200	.51370	.51090	53.966	.58681	1461-01H	
136	1461-01S	3.4356	5.0215	.51687	.00011	51.012	.60227	.51159	.50505	53.615	.57428	1461-01S	
137	1462-03	.14369	.20674	.01951	.00151	3.6073	.04331	.00237	.00405	3.8100	.00246	1462-03	
138	1462-04	.19729	1.2117	.01746	.43777	2.5625	.06600	.00140	.01304	5.6132	.00253	1462-04	
139	1484-01	1.5124	4.4060	.02263	.01096	7.3299	1.2017	-.00206	.79238	2.6024	.00325	1484-01	
140	CC112	2.5817	25.414	2.4159	.51053	57.014	2.4327	2.5563	2.5032	61.199	1.0991	CC112	
141	CC812	.00004	-.00020	.00013	-.00011	.00105	-.00014	.00094*	-.00013	.00968	.00002	CC812	
142	IP106658	.00106	.00849	.00026	-.00048	.00051	.00034	.00018	.00018	.06204	-.00021	IP106658	
143	IP106651	.50675	3.2206	.49178	-.00078*	46.652	.45004	.50341	.50163	52.279	.54407	IP106651	
144	IP106650	.51096	3.2793	.49966	-.00100*	45.747	.52617	.50472	.50752	52.160	.55639	IP106650	
145	1235-01A	.74115	10.093	1.1371	-.00040	58.456	.74055	.51710	.61201	51.109	.67406	1235-01A	
146	1235-01T	.29146	5.1767	.02539	.00362	21.104	.22521	-.01231	.01003	.14211	.00119	1235-01T	
147	1235-01J	.03059	1.3686	.12528	.00153	2.2420	.04509	-.00044	.00135	.00659	.00043	1235-01J	
148	1235-01M	.17546	3.7317	.42369	-.00119	1.539	.99276	.04459	.05703	5.2147	.05276	1235-01M	
149	1235-01S	.22444	4.7990	.60997	-.00054	17.537	.25597	.00624	.06196	5.4229	.05018	1235-01S	
150	1235-02T	.02447	3.4974	.15184	-.00138	4.4187	.13187	-.00103	.00476	.04427	.00071	1235-02T	
151	1235-03T	.00966	1.3603	.04556	.00021	2.545	.03950	.00107	.00644	.16014	.00109	1235-03T	
152	CC113	2.5629	25.034	2.4144	.51267	54.568	2.4475	2.5569	2.4998	62.994	1.0980	CC113	
153	CC813	.00035	.00176	-.00120	-.00127	-.00017	.00109	.00198	-.00038	-.02206	.00111	CC813	
154	1235-04T	.01145	2.4566	.53143	-.00124	5.2113	.07328	-.00019	.00018	.10055	-.00069	1235-04T	
155	1235-05T	.01520	5.1495	.58343	-.00011	5.1485	.08195	-.00042	.00044	.11417	-.00044	1235-05T	
156	1235-06T	.00021	2.2859	.15115	-.00096	1.8981	.04759	.00042	.00314	.07332	.00255	1235-06T	
157	1235-07T	.01610	3.9162	.62521	-.00120	1.3643	.05637	.00055	.00599	.11732	-.00613	1235-07T	
158	1235-09T	.02893	2.1545	.52352	-.00002	2.1764	.04174	-.00027	.00415	.08099	.00113	1235-09T	
159	1235-09T	.03131	3.3064	.77401	-.00123	2.0047	.07184	.00085	.00435	.13157	-.00014	1235-09T	
160	1235-10T	.01924	2.6218	.41067	-.00104	7.3059	.13911	-.00167	.00474	.37126	-.00054	1235-10T	
161	1235-11T	.01504	1.2303	.34749	-.00045	2.3242	.06472	-.00022	.00741	.05312	.00037	1235-11T	
162	1235-12T	.02196	1.5530	.49306	-.00107	.39219	.05403	-.00028	.00345	.14463	.00006	1235-12T	
163	1235-14T	.06102	4.4496	.51781	-.00045	15.450	.22439	-.00298	.00533	.06256	.00071	1235-14T	
164	CC114	2.5772	25.257	2.4193	.51314	56.901	2.4347	2.5598	2.5003	67.458	1.0971	CC114	
165	CC814	.00014	.00169	.00070	-.00109	.00109	-.00018	.00066	-.00012	-.02268	-.00067	CC814	
166	1235-15T	.03631	2.3353	.22101	-.00043	7.1434	.12387	-.00201	.00327	.06343	.00012	1235-15T	
167	1235-16T	.03421	2.3747	.22706	-.00114	5.9501	.21961	-.00142	.00347	.03053	.00033	1235-16T	
168	1235-17T	.02304	3.8219	.51239	.05362	10.029	.19130	-.00123	.00619	.11741	.00109	1235-17T	

168	I236-19T	.03294	54.644	.81986	.02159	5.58.9	.56763	- .00242	.01243	.31567	.00129		I235-19T
170	I235-19I	.02847	5.2465	.37231	- .07063	6.0953	..3837	.00118	.03668	.11537	.00085		I235-19T
171	I235-20T	.02078	2.0352	.26155	-.00085	5.5677	.09710	-.00129	.00297	.35721	.00032		I235-20T
172	I235-21I	.02667	4.1022	.57212	.00084	6.0264	.13392	-.00136	.02477	.09421	.00012		I235-21T
173	CCV18	2.6394	26.267	2.4716	.51315	56.470	2.4728	2.5708	2.5119	67.314	1.3953		CCV19
174	CCB19	.00038	.00356	.00023	-.00135	.00109	- .00003	.00089	- .00110	-.02449	.00099		CCB19
175	IPI07558	.00010	.00232	.00903	-.00099	.00560	-.00001	.00059	.00909	-.01562	.00031		IPI07558
176	IPI07551	.49716	5.0947	.45174	-.00068*	48.425	.49320	.52637	.51223	57.601	.51683		IPI07551
177	IPI07550	.50312	5.1748	.49365	- .00147*	47.676	.49120	.52969	.51505	50.968	.51652		IPI07550
178	I187-01A	.69933	146.85	1.8117	.02735	50.125	3.7685	.53756	.58776	64.683	.55327		I187-01A
179	I187-01	.14379	145.62	1.3599	.02707	7.3574	3.3653	.00711	.08438	4.4478	.05617		I187-01
180	I187-01J	.02917	38.519	.27237	.01446	1.6277	.73217	.00026	.01848	.87665	.00172		I187-01J
181	I187-01*	.62982	155.27	1.7103	.05257	54.068	3.7286	.49443	.57424	54.595	.18551		I187-01*
182	I187-01S	.64466	159.64	1.7599	.05453	55.396	3.9382	.50766	.58015	56.696	.49947		I187-01S
183	I187-02	.06793	184.64	.37938	.02944	5.2576	4.9638	.00629	.07048	3.9754	.00738		I187-02
184	I187-03	.06354	112.07	.54279	.01387	3.9542	3.3951	.00404	.07348	3.0329	.00568		I187-03
185	CCV16	2.5874	26.031	2.4220	.51613	56.206	2.4799	2.5775	2.5092	62.674	1.0950		CCV16
186	CCB16	-.00005	.00275	.00011	- .00067	.00462	-.00016	.00097*	.00018	-.02463	.00070		CCB16
187	I187-04	.06605	138.28	.59284	.01748	5.2552	3.3751	.01521	.08974	6.6766	.00602		I187-04
188	I187-05	.06582	177.16	.80539	.02752	4.4099	4.8357	.00689	.08655	7.2096	.00653		I187-05
189	I187-06	.10319	135.62	.54913	.02909	5.3097	7.2256	.00598	.10664	7.4297	.00756		I187-06
190	I187-07	.07741	148.65	.71357	.02121	4.9760	12.774	.00702	.09337	6.3520	.00718		I187-07
191	I187-08	.12306	55.694	1.0646	.01460	3.0348	7.7565	.00356	.06266	3.5219	.00818		I187-08
192	I187-09	.05569	163.39	.35618	.02472	3.6526	2.5127	.00750	.07721	4.1790	.00538		I187-09
193	I187-10	.05695	135.19	.35534	.01552	3.9456	2.4642	.00155	.07674	3.7872	.00750		I187-10
194	ICS43	.00035	187.45	-.00316	.00144	163.32	.01538	- .01354	-.00151	- .01651	.00515		ICS43
195	ICS43B	.51187	157.28	.89696	1.0498	163.16	.45214	1.0549	.94417	50.119	1.0898		ICS43B
196	CCV17	2.5794	25.156	2.4196	.51763	56.630	2.4389	2.5655	2.5077	53.581	1.1011*		CCV17
197	CCB17	.00016	.00063	-.00639	.00101	.03271	-.00005	.00108*	-.00019	.01988	.00025		CCB17
198	IPI07150	.00030	.00185	-.00024	- .00164	- .00370	- .00012	.00014	.00084	- .01636	-.00109		IPI07150
199	IPI07151	.50972	5.1940	.50124	- .00147*	47.142	.50104	.53176	.52224	51.581	.53023		IPI07151
200	IPI07150	.49571	5.0767	.48195	- .00165*	47.168	.48737	.52049	.50683	51.140	.51411		IPI07150
201	I236-01A	7.0526	54.524	5.7238	.00667	197.94	3.5413	.64183	.60311	56.451	.55652		I236-01A
202	I236-01	7.3935	51.432	6.4479	.00555	150.94	3.7629	.61576	.61075	57.3593	.01078		I236-01
203	I236-01J	.46431	13.708	1.3463	.00013	30.537	.66407	- .00382	.02277	.03176	.00154		I236-01J
204	I236-01M	5.0499	59.132	7.3831	.00785	208.05	2.8799	.51916	.50656	55.624	.54987		I236-01M
205	I236-01S	2.8924	65.735	6.8108	.00718	196.96	3.6183	.51724	.55088	55.729	.54756		I236-01S
206	I236-02	.6.372	48.063	3.1995	.00445	126.03	3.2061	- .00593	.06985	3.1416	.00547		I236-02
207	I236-03	.79886	83.984	7.9064	.01033	57.217	3.8109	-.00412	.13575	9.6381	.01363		I236-03
208	CCV18	2.6058	25.389	2.4254	.52337	55.111	2.4317	2.5504	2.5046	63.167	-.01245*		CCV18
209	CCB18	.00026	.00379	.00070	-.00136	.00110	- .00006	.00108*	- .00012	- .07539	.00034		CCB18
210	I236-04	.46852	74.979	11.945	.01060	150.49	2.1685	- .00531	.11205	2.5151	.00612		I236-04
211	I236-05	.54124	76.680	11.895	.01354	103.05	2.0031	-.00436	.11243	2.8497	.00979		I236-05
212	I236-06	.76229	52.514	16.860	.00751	55.614	1.4816	.00495	.09780	2.4933	.01867		I236-06
213	I236-07	1.2136	59.180	28.245	.01045	21.567	1.2603	-.00445	.12495	3.5952	.01866		I236-07
214	I236-08	.55803	55.624	15.655	.00757	48.767	1.3394	-.00234	.13709	2.4626	.00735		I236-08
215	I236-09	.97324	85.039	20.120	.01315	37.622	1.5556	-.00585	.13767	2.3350	.00732		I236-09
216	I236-10	.37251	34.913	9.5656	.03143	110.21	2.5947	-.00794	.05146	1.8483	.00715		I236-10
217	I236-11	.42859	25.993	9.9548	.01525	10.783	1.0896	- .00267	.05952	2.1793	.00537		I236-11
218	I236-12	.41544	25.701	8.6312	.01293	10.009	1.0477	- .00293	.05792	2.0668	.00374		I236-12
219	CCV19	.00007*	.00197*	.00012*	-.00126*	.00037*	.00004*	.00002*	-.00023*	- .01614*	-.00012*		CCV19
220	CCB19	2.6207*	6.7135*	-1.6198*	73.576*	-135.41*	4.1165*	.50471*	.24679*	752.31*	-8.8563*		CCB19
221	I236-15	.54463	44.220	5.0012	.00343	173.52	2.4216	- .00912	.05363	1.0283	.00188		I236-15
222	I236-16	.61177	45.224	5.4378	.00409	153.71	2.3712	- .00913	.06249	1.1142	.00131		I236-16
223	I236-17	.55937	48.497	6.1343	.00463	148.07	2.2995	-.00765	.07224	1.2153	.00874		I236-17
224	I236-18	.52923	122.05	10.969	.01616	108.43	3.2950	.00491	.14681	3.1227	.00946		I236-18
225	I236-19	.57035	80.316	7.4111	.01110	125.95	2.3024	- .00462	.09174	2.0389	.01288		I236-19

226	1235-20	.32430	43.267	6.3854	.00413	153.14	2.1505	-.00784	.05092	.98354	.00349	1235-20
227	1235-21	.60589	55.479	11.295	.00654	136.39	2.3074	-.00662	.07535	1.3230	.00910	1235-21
228	00420	2.6269	28.381	2.4182	.52187	55.213	2.4077	2.5354	2.5056	62.561	1.0337	00420
229	00820	.00005	.00006	-.00022	-.00092	-.00062	-.00008	.02104*	-.00068	-.00184	-.00086	00820
230	1235-04W	.45011	42.771	11.957	.01178	149.62	2.1103	-.00428	.11110	2.4094	.00456	1235-04W
231	1235-06W	.61837	74.029	11.445	.01355	98.694	1.9825	-.00446	.13897	2.5318	.00887	1235-06W
232	1235-08W	.75605	63.131	16.221	.03732	65.051	1.4532	-.00529	.09715	2.3652	.00769	1235-08W
233	1235-07W	1.1729	57.701	27.615	.01059	21.243	1.1964	-.00451	.12269	2.3906	.00799	1235-07W
234	1235-09W	.94739	54.860	19.564	.01019	48.720	1.7917	.00926	.13878	2.4161	.00859	1235-08W
235	1235-03W	.97271	54.221	29.269	.01098	36.602	1.5059	-.00560	.10097	2.7355	.00885	1235-03W
236	1235-11W	.97715	35.524	9.6186	.02595	107.73	2.5240	.03819	.05936	1.7676	.00783	1235-11W
237	1235-11W	.43871	26.856	9.3896	.01155	10.199	1.0497	.01281	.06044	2.1652	.00467	1235-11W
238	1235-12W	.41884	25.103	8.5656	.01325	9.7660	.99372	-.02298	.06749	2.0067	.00044	1235-12W
239	00421	2.4352	22.987	2.3335	.58634	53.873*	2.2385*	2.4549	2.4094	62.627	1.0561	00421
240	00821	-.00005	-.00087	.00011	-.00132	.00058	.00018	.00090*	.00011	-.04513	.00037	00821
241	1235-15W	.53935	44.542	6.3041	.00329	187.16	2.2639	-.00758	.06398	1.0819	.00891	1235-15W
242	1235-16W	.50460	45.283	5.4543	.00417	161.77	2.7455	.03809	.06229	1.0980	.00804	1235-16W
243	1235-17W	.55860	48.995	6.1367	.00552	144.67	2.1591	.03766	.07231	1.2283	.00752	1235-17W
244	1235-18W	.53213	124.35	11.087	.01858	106.28	3.1537	-.00512	.14828	3.3216	.01104	1235-18W
245	1235-19W	.56878	82.018	7.3753	.01034	174.19	2.1903	-.00544	.09135	2.2690	.00873	1235-19W
246	1235-20W	.52577	43.656	6.3655	.00308	148.90	2.0469	-.00787	.06130	1.9122	.00861	1235-20W
247	1235-21W	.59324	56.279	11.219	.00459	138.45	2.1645	-.00735	.07469	1.9542	.00807	1235-21W
248	00422	2.4440	73.896	2.3494	.61295	53.653*	2.1621*	2.4969	2.4023	65.114	1.0595	00422
249	00822	-.00025	.00051	-.00022	-.00155	.00061	-.00079	.00393*	.00013	-.01030	.00003	00822
1081	.000	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	Se	USID	

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INDX	LSID	Ag	Na	Si	Ti	Sr	Fe	V	Zr	LSID
1	Blank	.00300	.00047	-.00018	-.00023	.00013	.00001	-.00020	.00137	Blank
2	S20									S20
3	S21									S21
4	S22							12759		S22
5	S23							1.2746		S23
6	S24		.77906							S24
7	S25		4.5299							S25
8	S26									S26
9	S27									S27
10	S28				.11994					S28
11	S29				1.1609					S29
12	S30	.03944		.11245		.02510	.01661		.59726	S30
13	S31	.18907		.65747		.12258	.08205		6.8357	S31
14	IC7	.49625	53.471	.47606	2.3379	.47887	.49038	1.4305	2.5782	IC7
15	IC8	.00394	-.00281	.03001	.00146	-.00129	.00085	.00331	-.00376	IC8
16	MRL2401	.01032	1.0398	.01031	.01172	-.00089	.01075	.01331	.01232*	MRL2401
17	MRL2402	.00929	.51719	.01079	.01060	.00883	.01301	.00592	.00276	MRL2402
18	ICSA1	.00202	.04447	.03054	-.00089	.03861	.00074	-.03024	.00279	ICSA1
19	ICSAB1	1.0594	79.500	.47779	.87434	.95025	.95813	.47903	1.0129	ICSAB1
20	CCV1	51128	61.268	.48900	2.3973	.50164	.50828	1.5290	2.6296	CCV1
21	CCB1	.00300	-.00489	.03007	.00118	-.00069	.00093	-.03029	-.00314	CCB1
22	IP1076W5	.00325	-.00477	-.00009	.00161	-.00129	.00042	-.03029	-.00070	IP1076W5
23	IP1076W	.48589	53.313	.44843	.47755	.47139	.49834	.49342	.53026	IP1076W
24	IP1076W0	.47802	47.964	.44091	.46420	.45945	.47969	.47862	.51471	IP1076W0
25	777777	37368	171.25	.47705	.56789	.35908	.36513	.38614	.41438	777722
26	1320-01	.00300	135.85	.09549	.03101	-.00025	.03424	.00797	.01116	1320-01
27	1320-010	.00316	38.235	.04041	.00053	-.00041	.00101	.00169	.00157	1320-010
28	1320-02	.00308	194.52	.01310	.00123	-.00097	.00981	.01334	.01561	1320-02
29	1320-03	-.00001	187.81	.06593	.00035	-.00075	.00907	.00300	.00904	1320-03
30	1320-04	.00304	198.66	.05595	.00054	-.00025	.00129	.00109	.01731	1320-04
31	CCV2	.50959	51.374	.42511	2.3791	.50233	.49991	1.5766	2.5729	CCV2
32	CCB2	-.00003	.01402	.00002	.00177	-.00100	.00029	-.00004	-.00025	CCB2
33	IP1075S1	.00005	-.00374	.00006	.00142	-.00095	.00010	-.00007	.00177	IP1075S1
34	IP1075S	.49894	50.243	.45445	.49653	.51920	.49603	.51832	.56030	IP1075S
35	IP1075S1	.47969	49.997	.44841	.47354	.51055	.49004	.50371	.54133	IP1075S1
36	1296-01A	.48135	61.634	.66046	.49821	.52857	1.9250	.62641	1.1903	1296-01A
37	1296-01W	-.00052	.54635	.03331	-.00440	.03157	1.4979	.09513	.62586	1296-01W
38	1296-010	-.00014	.00150	.04675	-.00045	.00571	.09193	.01804	.12593	1296-010
39	1320-01A	.51243	245.50	.67749	.49327	.49864	.51794	.54200	.68134	1320-01A
40	1320-01W	.50066	238.97	.65439	.49691	.47868	.49236	.49508	.53611	1320-01W
41	1320-010	.51499	243.51	.66470	.46414	.48522	.49834	.50359	.54309	1320-010
42	CCV3	.51168	61.591	.48451	2.3741	.50383	.51109	1.5327	2.5330	CCV3
43	CCB3	.00019	.01435	.00032	.00118	-.00134	.00284	.00030	-.00026	CCB3
44	IP1073W3	.00020	-.00305	.00028	.00168	-.00125	-.00016	-.00003	-.00345	IP1073W
45	IP1073W	.51500	51.780	.47112	.49472	.50058	.51327	.51223	.54728	IP1073W
46	IP1073W0	.51371	65.731	.47166	.49365	.50349	.51788	.51826	.55150	IP1073W0
47	1075-02A	.43724	110.63	1.5059	.50289	.29102	.50366	.53077	.56138	1075-02A
48	1075-02	.00014	61.211	1.0803	.00172	.01363	.02371	.00216	.00264	1075-02
49	1075-02C	.00021	11.646	.20623	.07849	.00235	.00165	-.00007	-.00087	1075-02C
50	1075-02M	.50314	115.05	1.5831	.49868	.51560	.52845	.52411	.55993	1075-02M
51	1075-02S	.50368	113.50	1.5510	.48634	.50552	.51691	.51415	.54850	1075-02S
52	1075-01	-.00004	75.546	1.4516	.00063	-.00044	.00322	-.00013	-.00030	1075-01
53	1077-24	.00025	.02369	.00048	.00136	-.00107	.00006	-.00261	-.00024	1077-24
54	CCV4	.51179	62.196	.48803	2.3659	.50540	.49856	1.5754	2.6734	CCV4

55	CCB4	.00020	.00238	.00005	.00150	-.00066	.00070	-.00008	-.00052	CCB4
56	I097-02	.00019	435.60	.04468	.00135	-.00077	.00444	.00092	.01503	I097-02
57	I097-03	.00008	796.16*	.25642	.00081	-.00090	.00161	.00068	.00448	I097-03
58	I097-06	.00015	1112.6*	.36527	.00048	-.00070	.00282	.00496	.01448	I097-06
59	I097-08	-.00001	672.96	.33893	.00062	-.00103	.00203	.00511	.00786	I097-08
60	I097-10	.00001	563.59	.35533	.00126	-.00103	.00587	.00296	.02462	I097-10
61	I097-13	.00015	1520.8*	.07840	.00075	-.00068	.00059	.02058	.00170	I097-13
62	I097-15	-.00005	187.83	.71142	.00098	-.00056	.00267	.00164	.00153	I097-15
63	I097-17	.00046	1462.3*	.30765	.00071	.00704	.00161	.00085	.02413	I097-17
64	I091-01	-.00031	64.633	.99294	.00106	-.00084	.00305	.00011	-.00041	I091-01
65	I091-02	-.00014	287.43	3.1513	.00122	.00020	.00958	.00197	.14423	I091-02
66	CCV5	.51344	62.824	.48934	2.3972	.50286	.49862	1.5280	2.6917	CCV5
67	CCB5	.00002	.13509*	.00002	.00090	-.00095	.00064	-.00008	-.00010	CCB5
68	I112-10	.00005	196.28	.18775	.00155	-.00128	.00093	.00425	.00250	I112-10
69	I112-11	.00008	178.29	.29091	.00152	-.00101	.00104	.00414	.01155	I112-11
70	I088-08	.00001	332.54	.46796	.00128	-.00116	.00149	.00295	.00537	I088-08
71	I088-09	.00006	333.01	.46920	.00114	-.00098	.00121	.00312	.00546	I088-09
72	I086-02	.00009	1.3998	.00122	.00148	-.00114	.00010	-.00004	.00255	I086-02
73	I129-02	.00028	1149.5*	.33420	.00131	.00333	.00233	.00087	.00527	I129-02
74	I129-04	.00013	1326.1*	.36751	.00049	-.00075	.00300	.01429	.01468	I129-04
75	CCV6	.51802	62.569	.48811	2.3892	.49792	.50113	1.5437	2.7024	CCV6
76	CCB6	.00006	.15215*	-.00001	.00115	-.00088	.00061	-.00015	.00220	CCB6
77	IPI077WB	.00031	.10744*	-.00029	.00186	-.00147	.00010	-.00026	-.00075	IPI077WB
78	IPI077WL	.51505	54.225	.47581	.50160	.49423	.50640	.51407	.56116	IPI077WL
79	IPI077WC	.51803	52.774	.47685	.50031	.49620	.51324	.51517	.55786	IPI077WC
80	I120-01A	.46648	160.02	.92756	.49515	.26564	.48957	.54267	.58443	I120-01A
81	I120-01	.00107	111.52	.47542	.00124	.01162	.00355	.01059	.01359	I120-01
82	I120-01J	.00060	22.409	.09575	.00032	.00845	.00163	.00202	.00331	I120-01J
83	ICSA2	.00021	.16065	.00034	-.00074	.00168	.00145	-.00049	.00279	ICSA2
84	ICSAB2	1.0907	81.460	.48407	.89771	.96491	.97593	.49383	1.0508	ICSAB2
85	CCV7	.51932	62.902	.49050	2.3962	.49285	.50062	1.5458	2.7087	CCV7
86	CCB7	.00003	.05445	-.00002	.00098	-.00053	.00050	-.00017	-.00072	CCB7
87	IPI070SQ	.00018	.00870	.00000	.00155	-.00069	.00051	-.00008	.00482	IPI070SQ
88	IPI070SX	.50935	51.335	.45951	.49941	.51417	.49770	.52609	.57052	IPI070SX
89	IPI070SY	.49029	51.129	.45486	.48118	.50420	.49326	.50678	.54919	IPI070SY
90	I296-01A	.48713	52.399	.70663	.50727	.52391	1.9362	.62835	1.1998	I296-01A
91	I296-01W	-.00056	.58718	.23663	-.00475	.03084	1.4449	.09582	.62756	I296-01W
92	I296-01J	-.00006	.13985	.04737	-.00092	.00537	.29130	.01906	.12042	I296-01J
93	I221-04A	.51850	53.869	.58540	.50580	.52917	10.861	1.0650	.88853	I221-04A
94	I221-04W	.00106	2.2674	.11474	.00074	.03685	10.568	.52180	.30778	I221-04W
95	I221-04J	.00008	.47956	.02326	.00046	.00632	2.1277	.10279	.06129	I221-04J
96	CCV8	.52159	64.293	.49893	2.4425	.49547	.49742	1.5294	2.7056	CCV8
97	CCB8	.00002	.01928	-.00005	.00040	-.00108	.00121	-.00016	-.00084	CCB8
98	IPI072SB	.00009	-.00948	-.00007	.00158	-.00010	.00050	-.00020	-.00074	IPI072SB
99	IPI072SL	.50708	53.039	.46411	.49578	.50642	.50143	.52176	.56416	IPI072SL
100	IPI072SC	.52060	52.965	.48327	.51079	.52245	.51847	.53489	.57854	IPI072SC
101	I077-01A	.54736	57.396	.82654	.50952	.51716	11.423	1.2159	1.3132	I077-01A
102	I077-01	.00119	4.3198	.35296	-.00102	.02777	11.106	.67905	.74775	I077-01
103	I077-01J	.00019	.87561	.07237	.00038	.00481	2.2985	.13773	.15120	I077-01J
104	I077-01M	.52164	56.668	.81847	.45603	.50538	12.632	1.3278	1.3111	I077-01M
105	I077-01S	.52285	56.695	.82036	.45304	.49379	13.143	1.2941	1.3390	I077-01S
106	I077-02	.00124	7.9995	.32107	.00038	.03037	6.1804	.56551	.79549	I077-02
107	I077-03	.00163	3.9530	.25101	.00004	.02741	7.4165	.57634	.83241	I077-03
108	CCV9	.52211	64.272	.49835	2.4309	.49417	.50066	1.5356	2.7124	CCV9
109	CCB9	-.00008	.00980	.00000	.00133	-.00108	.00249*	-.00007	.00048	CCB9
110	I077-04	.00155	10.201	.34695	.00020	.02608	7.4912	.58745	.81722	I077-04
111	I077-05	.00599	6.5083	.19432	.00178	.03017	6.0836	.62591	.45505	I077-05

112	I077-06	.00249	14.970	.23516	.00063	.02431	8.1912	.59847	.70424	I077-06
113	I077-07	.00044	2.1803	.08399	-.00045	.02347	4.1602	.33401	.48651	I077-07
114	I077-08	.00042	2.1009	.07160	.00058	.02559	4.3220	.32888	.24479	I077-08
115	I077-09	.00053	1.4441	.08463	.00030	.02681	4.2967	.34596	.31403	I077-09
116	I077-10	.00054	1.7289	.04545	.00000	.02309	3.6218	.32068	.18241	I077-10
117	I077-11	.00115	24.873	.22315	.00118	.02890	6.4748	.49484	.58363	I077-11
118	I077-12	.00061	18.861	.35523	.00153	.02665	4.6905	.39714	.38075	I077-12
119	I077-13	.00514	16.883	.30372	.00068	.03580	7.0126	.55287	.74676	I077-13
120	CCV10	.52336	65.116	.50163	2.4545	.49630	.49577	1.5270	2.7026	CCV10
121	CCB10	-.00002	-.00166	-.00002	.00109	-.00120	.00193	-.00015	.00006	CCB10
122	I077-14	.06629	18.210	.79225	-.00063	.18426	4.8254	.42067	1.9725	I077-14
123	I077-15	.00058	2.8037	.07123	.00160	.02205	4.1130	.39658	.29904	I077-15
124	I077-16	.00070	2.8785	.07144	.00071	.02206	4.4223	.40847	.31977	I077-16
125	I077-17	.00073	1.6423	.09016	.00053	.02572	4.2967	.35442	.29019	I077-17
126	I077-18	.00062	2.4155	.07837	-.00018	.02494	3.7664	.34912	.21626	I077-18
127	I077-19	.00975	2.9992	.25651	-.00101	.04868	4.6295	.63874	1.0591	I077-19
128	I077-20	.00362	2.3410	.14955	-.00081	.05435	3.8487	.46697	.93210	I077-20
129	CCV11	.52532	65.010	.50172	2.4578	.49278	.49609	1.5359	2.7181	CCV11
130	CCB11	.00010	-.00595	.00000	.00139	-.00101	.00165	-.00020	-.00102	CCB11
131	TXI006S8	.00006	339.66	.00188	-.00043	-.00082	.00080	-.00012	.00982	TXI006SB
132	I461-01A	.52888	337.08	1.6586	.49686	.48465	.49728	.52463	6.2358	I461-01A
133	I461-01	.00010	283.15	1.1880	-.00048	-.00071	.00406	.00078	5.8629	I461-01
134	I461-01J	.00002	52.500	.21536	.00055	-.00109	.00127	.00008	1.0517	I461-01J
135	I461-01M	.54713	354.19	1.7553	.47882	.48617	.50944	.52127	6.7534	I461-01M
136	I461-01S	.53626	357.25	1.7708	.47412	.48312	.50360	.50898	6.8402	I461-01S
137	I462-03	.00016	318.38	.03270	-.00004	.00085	.00129	.00006	2.2991	I462-03
138	I462-04	.00001	300.06	.03451	-.00070	-.00074	.00081	-.00010	1.2838	I462-04
139	I484-01	.00046	373.41	.08544	.00038	-.00015	.00120	.00003	21.153	I484-01
140	CCV12	.52288	64.917	.50278	2.4517	.49363	.49184	1.5302	2.7173	CCV12
141	CCB12	-.00007	.02747	-.00008	.00126	-.00088	.00067	-.00021	-.00082	CCB12
142	IPI066SB	.00017	.05079	-.00034	.00175	-.00137	.00097	-.00041	-.00079	IPI066SB
143	IPI066SL	.51684	55.013	.47935	.50435	.48188	.49756	.50941	.55955	IPI066SL
144	IPI066SC	.53033	54.712	.48939	.51157	.49099	.51038	.52027	.56430	IPI066SC
145	I235-01A	.52469	53.704	.50629	.53557	.49615	.51263	.55014	24.196	I235-01A
146	I235-01T	-.00014	.05926	.02037	.00104	.00274	.00620	.00378	23.340	I235-01T
147	I235-01J	-.00003	.02110	.00410	.00094	-.00056	.00116	.00057	4.8042	I235-01J
148	I235-01M	.05121	5.5444	.06621	.05231	.05119	.05376	.05407	16.440	I235-01M
149	I235-01S	.05085	5.7167	.07032	.05180	.05166	.05459	.05433	15.393	I235-01S
150	I235-02T	.00002	.04080	.01670	.00077	.00224	.01331	.00324	10.034	I235-02T
151	I235-03T	-.00010	.02842	.03222	.00030	.00236	.01706	.00670	6.4910	I235-03T
152	CCV13	.52540	65.040	.50219	2.4511	.49160	.49525	1.5379	2.7123	CCV13
153	CCB13	.00004	.01069	.00002	.00147	-.00116	.00044	-.00017	.00022	CCB13
154	I235-04T	-.00010	.05547	.01116	.00037	.00198	.00384	.00160	3.6430	I235-04T
155	I235-05T	-.00004	.05469	.01657	.00015	.00213	.00943	.00729	5.5232	I235-05T
156	I235-06T	-.00027	.05084	.01289	.00084	.00165	.00235	.00088	4.4908	I235-06T
157	I235-07T	-.00002	.05920	.02177	.00085	.00040	.00297	.00112	6.3346	I235-07T
158	I235-08T	-.00011	.04155	.01040	.00069	.00143	.00268	.00162	4.4865	I235-08T
159	I235-09T	-.00005	.05354	.02341	-.00019	.00141	.00406	.00148	7.9708	I235-09T
160	I235-10T	-.00011	.06624	.02869	-.00037	.00174	.00457	.00187	12.564	I235-10T
161	I235-11T	-.00014	.04566	.02223	.00044	.00155	.00355	.00103	1.7621	I235-11T
162	I235-12T	-.00016	.04333	.02695	.00041	.00142	.00418	.00079	2.8651	I235-12T
163	I235-14T	-.00016	.04745	.02586	.00034	.00189	.00554	.00399	26.031	I235-14T
164	CCV14	.52367	65.161	.50274	2.4553	.49372	.49275	1.5325	2.7119	CCV14
165	CCB14	.00009	.00425	-.00003	.00135	-.00099	.00068	-.00012	-.00116	CCB14
166	I235-15T	-.00004	.03807	.01739	.00094	.00223	.00345	.00169	18.917	I235-15T
167	I235-16T	-.00016	.03053	.01929	.00032	.00254	.00438	.00266	12.622	I235-16T
168	I235-17T	-.00018	.04495	.02155	.00020	.00215	.00837	.00302	10.925	I235-17T

169	1235-187	.00035	.03465	.01944	.00565	.00349	.32251	.01535	22.220		1235-187
170	1235-197	.00018	.03549	.03236	.00059	.00222	.31149	.00626	11.177		1235-197
171	1235-207	-.00017	.09918	.01681	.00330	.00177	.30786	.00149	10.483		1235-207
172	1235-217	.00038	.10034	.31733	.00351	.00186	.30922	.00332	17.030		1235-217
173	00715	.52402	65.049	.50251	2.4642	.49484	.49766	1.5028	2.7047		00715
174	00815	-.00002	-.00156	-.00001	.00127	.00280	.00064	-.00349	-.00172		00815
175	IP107559	.00001	-.00652	.00006	.00165	-.00065	.00024	-.00020	-.00016		IP107559
176	IP107551	.50247	55.385	.47352	.49762	.51375	.49783	.51392	.56314		IP107551
177	IP107550	.50311	53.965	.46051	.50129	.51796	.53105	.51979	.55039		IP107550
178	1187-014	.00849	53.613	.59114	.52045	.53586	.57724	.71390	24.454		1187-014
179	1187-01	.00058	.54508	.10554	.00057	.04452	.45865	.16392	24.197		1187-01
180	1187-010	.00010	.13228	.02143	.00346	.00607	.00907	.00710	5.0602		1187-010
181	1187-014	.43212	51.577	.58495	.46014	.51635	1.0616	.67853	24.019		1187-014
182	1187-015	.49645	53.402	.60182	.47787	.51382	1.0944	.69729	24.693		1187-015
183	1187-02	.00073	.50716	.39401	.00209	.00347	.56434	.20570	5.0170		1187-02
184	1187-03	.00041	.23550	.10969	.00029	.02446	.52537	.19473	1.1556		1187-03
185	00716	.52539	65.483	.50549	2.4737	.49142	.49179	1.5322	2.7040		00716
186	00816	-.00002	-.00562	-.00002	.00135	-.00294	.00051	-.00012	-.00124		00816
187	1187-04	.00949	.33340	.12049	.00036	.02879	.54315	.22523	.39745		1187-04
188	1187-05	.00252	.19289	.07663	.00109	.03017	1.3742	.31823	.52664		1187-05
189	1187-06	.00365	.33660	.15657	.00218	.03554	.90181	.25369	4.9636		1187-06
190	1187-07	.00373	.41569	.16972	.00569	.03745	1.0051	.23069	.59104		1187-07
191	1187-08	.00034	.27301	.06754	-.00042	.03001	.34286	.16875	4.7292		1187-08
192	1187-09	.00036	1.0320	.05844	-.00023	.03276	.42944	.27186	1.3940		1187-09
193	1187-10	.00361	.32977	.05647	-.00154	.02379	.28248	.26362	8.4803		1187-10
194	10543	.00395	.06039	.00659	-.00108	.00635	.00271	-.00376	.00300		10543
195	10543	1.0373	83.453	.48937	.50173	.92863	.93413	.47351	1.0321		10543
196	00417	.52546	65.631	.50445	2.4667	.49345	.49703	1.5350	2.7166		00417
197	00517	.00004	.00657	-.00004	.00161	-.00056	.00051	-.00010	-.00119		00517
198	IP107153	.00017	-.00471	.00004	.00264	-.00056	.00003	-.00017	.00031		IP107153
199	IP107151	.51411	53.654	.48526	.50994	.52766	.50310	.52497	.57344		IP107151
200	IP107150	.50189	53.761	.47375	.49676	.51248	.49182	.50792	.55438		IP107150
201	1235-014	.58180	57.416	.82429	.51591	.52059	.55906	.59414	176.31*		1235-014
202	1235-01	.00049	.51890	.72877	-.00056	.03405	.05736	.05564	179.02*		1235-01
203	1235-010	-.00002	.10256	.06614	.00014	.03564	.01509	.01023	40.089*		1235-010
204	1235-014	.50884	57.404	.82918	.45461	.51120	.50267	.54746	133.06*		1235-014
205	1235-015	.53917	57.044	.80449	.46761	.51283	.51856	.54846	129.26*		1235-015
206	1235-02	.00011	.58370	.26732	.00168	.02362	.13027	.04516	98.237*		1235-02
207	1235-03	.00031	.32456	.17150	.00262	.03895	.23476	.10541	104.42*		1235-03
208	00418	.52755	66.217*	.50641	2.4895	.49007	.46855	1.5302	2.7139		00418
209	00618	.00004	.10664	-.00005	.00039	-.00039	.00077	.00023	.00042		00618
210	1235-04	.00052	.69538	.38409	.00118	.03715	.07298	.05029	102.54*		1235-04
211	1235-05	.00033	.95054	.42962	.00103	.03564	.09417	.04969	101.70*		1235-05
212	1235-06	.00026	.85250	.40019	.00137	.03258	.12191	.03436	111.64*		1235-06
213	1235-07	.00017	.93511	.49474	.00305	.03958	.02284	.02966	131.27*		1235-07
214	1235-08	.00017	.81725	.36417	.00024	.02489	.03038	.04513	111.03*		1235-08
215	1235-09	-.00023	.64663	.43112	-.00270	.04545	.03065	.03072	112.98*		1235-09
216	1235-10	.00119	.77755	.57472	-.00267	.00117	-.00627	.03712	101.48*		1235-10
217	1235-11	-.00054	.50294	.46278	-.00295	.09221	.00309	.01722	66.762*		1235-11
218	1235-12	-.00073	.48346	.45386	-.00249	.00120	.00123	.01667	64.461*		1235-12
219	00919	-.00008*	.00534*	-.00007*	.00056*	-.00107*	.00035*	-.00005*	.00095*		00919
220	00816	1.9461*	235.12*	2.3554*	2.3810*	-.06652*	1.0874*	6.7905*	-.77769*		00819
221	1235-15	.00002	.54335	.29754	-.00151	.00607	.03919	.04322	141.73*		1235-15
222	1235-16	.00127	.50801	.33012	-.00111	.00694	.04845	.04790	136.33*		1235-16
223	1235-17	-.00304	.46470	.29599	.00030	.00519	.00220	.04373	134.50*		1235-17
224	1235-18	.00073	.51277	.23012	.00013	.01163	.14764	.11416	143.35*		1235-18
225	1235-19	.00026	.49170	.22925	-.00128	.03493	.11530	.03717	124.87*		1235-19

226	[235-21	.00013	.45201	.27628	- .00039	.01247	.54445	.04365	136.73*	[235-20
227	[235-21	.00026	.60305	.28333	.00116	.00824	.36699	.35910	137.42*	[235-21
228	CC420	.32624	66.229*	.90637	2.4696	.49357	.49865	1.5306	2.7117	CC420
229	CC422	.00094	- .00591	- .00904	.00130	- .00099	.00079	- .00014	.00098	CCB22
230	[235-01w	.00054	.88051	.28067	.00048	.00190	.03863	.35246	102.45*	[235-04W
231	[235-05w	.00032	.93130	.41284	.00064	.02917	.03850	.34396	98.395*	[235-05W
232	[235-06w	.00061	.83542	.39667	.00045	.00195	.01831	.33258	112.64*	[235-06W
233	[235-07w	.00027	.90164	.46375	- .00010	.00972	.01094	.32798	126.19*	[235-07W
234	[235-08w	.00022	.80735	.36377	- .00035	.02918	.02850	.34499	111.69*	[235-08W
235	[235-09w	.00017	.63645	.49344	- .00232	.00490	.01978	.32589	111.66*	[235-09W
236	[235-10w	-.00115	.78870	.58128	- .00395	.00113	- .01582*	.33546	132.29*	[235-10W
237	[235-11w	-.00072	.51443	.47275	- .00197	.00250	.00415	.31634	56.554*	[235-11W
238	[235-12w	- .00063	.48058	.45194	-.00273	.00132	.00223	.31556	59.817*	[235-12W
239	CC421	.50884	63.369	.43491	2.3539	.47473	.47661	1.5024	2.6312	CC421
240	CC821	- .00608	.00784	.00005	.00125	-.00105	.00075	-.00015	.00046	CCB21
241	[235-15w	.00065	.53424	.29579	- .00786	.00658	.03398	.34515	142.25*	[235-15W
242	[235-16w	.00007	.49651	.30041	- .00136	.00911	.02835	.34371	137.70*	[235-16W
243	[235-17w	-.00012	.48281	.29691	-.00187	.00964	.05087	.34962	134.84*	[235-17W
244	[235-18w	.00065	.52661	.23467	.00036	.01253	.14682	.31625	145.97*	[235-18W
245	[235-19w	.00023	.49743	.23067	-.00282	.00801	.10770	.35587	127.44*	[235-19W
246	[235-20w	.00027	.49312	.27763	.00262	.01281	.04115	.34311	136.47*	[235-20w
247	[235-21w	.00001	.49431	.33059	.00156	.00934	.06431	.35262	141.67*	[235-21w
248	CC422	.51281	61.585	.43752	2.3581	.47906	.49998	1.5234	2.6459	CC422
249	CC822	.00088	-.01105	- .00004	.00075	- .00097	.00060	-.00011	.00065	CCB22
250	LSID	Ag	Na	Sr	Li	Sr	Ti	V	Zn	LSID

[CB1024 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g) (ml)	pH	Extract Volume (ml)
01	IPI073-WB	50	–	50
02	-WL	50	–	50
03	-WC	50	–	50
04	I077-24	50	<2	50
05	I097-02	50	<2	50
06	-03	50	<2	50
07	-06	50	<2	50
08	-08	50	<2	50
09	-10	50	<2	50
10	-13	50	<2	50
11	-15	50	<2	50
12	-17	50	<2	50
13	I091-01	50	<2	50
14	-02	50	<2	50
15	I075-01	50	<2	50
16	-02	50	<2	50
17	-02dup	50	<2	50
18	-02S	50	<2	50
19	I112-10	50	<2	50
20	-11	50	<2	50
21	I088-08	50	<2	50
22	-09	50	<2	50
23	I086-02	50	<2	50
24	I129-02	50	<2	50
25	-04	50	<2	50
26				
27				
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40				

9-22-10 MC

Book#: EIP-092
Batch: IPI073-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☑ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-22-10	10:00	90 °c
END	9-22-10	14:00	90 °c

Standards	ID	Amount Added (ml)
LCS-1	SMIA-013-01-28	0.25
LCS-2	↓ -29	0.25
LCS-3	↓ ↓ -30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWIA-09-253	1.5+1.5
HCl	↓ -↓-221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC

Witnessed By: TH

Extract Rcvd By: TH

Checked By: TH 9/22/10

Date endorsed to waste Disposal:

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I075

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD 300.0
ANIONS BY IC

A total of two (2) water samples were received on 09/07/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI017WL/C were all within QC limits.
Percent recoveries for ICI019WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I075-02M/S were within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1017W3	ND	1	NA	0.500	0.250	09/08/1012:02	NA	A109-03	A109-01	1C1017W	NA	NA
LCS1W	1C1017WL	5.03	1	NA	0.500	0.250	09/08/1012:18	NA	A109-04	A109-01	1C1017W	NA	NA
LCD1W	1C1017WC	5.04	1	NA	0.500	0.250	09/08/1012:34	NA	A109-05	A109-01	1C1017W	NA	NA
MW-7C-PMW04A-A10	1075-01	0.787	1	NA	0.500	0.250	09/08/1012:50	NA	A109-06	A109-01	1C1017W	09/07/1010:35	09/07/10
MW-7C-PMW04B-A10	1075-02	ND	1	NA	0.500	0.250	09/08/1013:07	NA	A109-07	A109-01	1C1017W	09/07/1011:50	09/07/10
MW-7C-PMW04B-A10DUP	1075-02D	ND	1	NA	0.500	0.250	09/08/1013:23	NA	A109-08	A109-01	1C1017W	09/07/1011:50	09/07/10
MW-7C-PMW04B-A10MS	1075-02M	5.91	1	NA	0.500	0.250	09/08/1013:39	NA	A109-09	A109-01	1C1017W	09/07/1011:50	09/07/10
MW-7C-PMW04B-A10MSD	1075-02S	5.91	1	NA	0.500	0.250	09/08/1013:55	NA	A109-10	A109-01	1C1017W	09/07/1011:50	09/07/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1017WB	ND	1	NA	0.200	0.100	09/08/1012:02	NA	A109-03	A109-01	IC1017W	NA	NA
LCS1W	IC1017WL	4.90	1	NA	0.200	0.100	09/08/1012:18	NA	A109-04	A109-01	IC1017W	NA	NA
LCD1W	IC1017WC	4.90	1	NA	0.200	0.100	09/08/1012:34	NA	A109-05	A109-01	IC1017W	NA	NA
MW-70-PMW04A-A10	1075-01	133	10	NA	2.00	1.00	09/08/1014:11	NA	A109-11	A109-01	IC1017W	09/07/1010:35	09/07/10
MBLK2W	IC1019WB	ND	1	NA	0.200	0.100	09/08/1019:34	NA	A109-31	A109-29	IC1019W	NA	NA
LCS2W	IC1019WL	4.92	1	NA	0.200	0.100	09/08/1019:51	NA	A109-32	A109-29	IC1019W	NA	NA
LCD2W	IC1019WC	4.92	1	NA	0.200	0.100	09/08/1020:07	NA	A109-33	A109-29	IC1019W	NA	NA
MW-70-PMW04B-A10	1075-02	152	20	NA	4.00	2.00	09/08/1020:55	NA	A109-36	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	151	20	NA	4.00	2.00	09/08/1021:11	NA	A109-37	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02M	243	20	NA	4.00	2.00	09/08/1021:28	NA	A109-38	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MSD	1075-02S	243	20	NA	4.00	2.00	09/08/1021:44	NA	A109-39	A109-29	IC1019W	09/07/1011:50	09/07/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEG, INC.
Project : NWS SEAL BEACH, CR SITE 7D.
Batch No. : 101075

Matrix : WATER
Instrument ID : IC00

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1017WB	ND	1	NA	0.200	0.0500	09/08/1012:02	NA	A109-03	A109-01	IC1017W	NA	NA
LCS1W	IC1017WL	1.68	1	NA	0.200	0.0500	09/08/1012:18	NA	A109-04	A109-01	IC1017W	NA	NA
LCD1W	IC1017WC	1.68	1	NA	0.200	0.0500	09/08/1012:34	NA	A109-05	A109-01	IC1017W	NA	NA
MW-7D-PMW04A-A10	1075-01	ND	1	NA	0.200	0.0500	09/08/1012:50	NA	A109-06	A109-01	IC1017W	09/07/1010:35	09/07/10
MW-7D-PMW04B-A10	1075-02	ND	1	NA	0.200	0.0500	09/08/1013:07	NA	A109-07	A109-01	IC1017W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10DUP	1075-02D	ND	1	NA	0.200	0.0500	09/08/1013:23	NA	A109-08	A109-01	IC1017W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10MS	1075-02M	1.91	1	NA	0.200	0.0500	09/08/1013:39	NA	A109-09	A109-01	IC1017W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10MSD	1075-02S	1.91	1	NA	0.200	0.0500	09/08/1013:55	NA	A109-10	A109-01	IC1017W	09/07/1011:50	09/07/10

METHOD 300.0
NITRITE-N

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : IICO

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1017WB	ND	1	NA	0.200	0.0500	09/08/1012:02	NA	AI09-03	AI09-01	IC1017W	NA	NA
LCS1W	IC1017WL	2.01	1	NA	0.200	0.0500	09/08/1012:18	NA	AI09-04	AI09-01	IC1017W	NA	NA
LCD1W	IC1017WC	2.02	1	NA	0.200	0.0500	09/08/1012:34	NA	AI09-05	AI09-01	IC1017W	NA	NA
MW-7C-PMW04A-A1C	IC75-01	ND	1	NA	0.200	0.0500	09/08/1012:50	NA	AI09-06	AI09-01	IC1017W	09/07/1010:35	09/07/10
MW-7B-PMW04B-A1C	IC75-02	ND	1	NA	0.200	0.0500	09/08/1013:07	NA	AI09-07	AI09-01	IC1017W	09/07/1011:50	09/07/10
MW-7B-PMW04B-A1CDUP	IC75-02D	ND	1	NA	0.200	0.0500	09/08/1013:23	NA	AI09-08	AI09-01	IC1017W	09/07/1011:50	09/07/10
MW-7B-PMW04B-A1CMS	IC75-02M	2.39	1	NA	0.200	0.0500	09/08/1013:39	NA	AI09-09	AI09-01	IC1017W	09/07/1011:50	09/07/10
MW-7B-PMW04B-A1CMSD	IC75-02S	2.39	1	NA	0.200	0.0500	09/08/1013:55	NA	AI09-10	AI09-01	IC1017W	09/07/1011:50	09/07/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1130

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1017WB	ND	1	NA	0.500	0.250	09/08/1012:32	NA	A109-03	A109-01	IC1017W	NA	NA
LCS1W	IC1017WL	4.75	1	NA	0.500	0.250	09/08/1012:18	NA	A109-04	A109-01	IC1017W	NA	NA
LCD1W	IC1017WC	4.75	1	NA	0.500	0.250	09/08/1012:34	NA	A109-05	A109-01	IC1017W	NA	NA
MW-7D-PMW04A-A10	1075-01	106	10	NA	5.00	2.50	09/08/1014:11	NA	A109-11	A109-01	IC1017W	09/07/1010:35	09/07/10
MBLK2W	IC1019WB	ND	1	NA	0.500	0.250	09/08/1019:34	NA	A109-31	A109-29	IC1019W	NA	NA
LCS2W	IC1019WL	4.77	1	NA	0.500	0.250	09/08/1019:51	NA	A109-32	A109-29	IC1019W	NA	NA
LCD2W	IC1019WC	4.78	1	NA	0.500	0.250	09/08/1020:07	NA	A109-33	A109-29	IC1019W	NA	NA
MW-7D-PMW04B-A10	1075-02	165	20	NA	10.0	5.00	09/08/1020:55	NA	A109-36	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10DUP	1075-02D	165	20	NA	10.0	5.00	09/08/1021:11	NA	A109-37	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10MS	1075-02M	254	20	NA	10.0	5.00	09/08/1021:28	NA	A109-38	A109-29	IC1019W	09/07/1011:50	09/07/10
MW-7D-PMW04B-A10MSD	1075-02S	254	20	NA	10.0	5.00	09/08/1021:44	NA	A109-39	A109-29	IC1019W	09/07/1011:50	09/07/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101C75
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1C17WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.03	101	5.00	5.04	101	0	90-110	20

0002

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MW-70-PMW046-A10
LAB SAMP ID: 1075-02 | 1075-02M | 1075-02S
LAB FILE ID: A109-07 | A109-09 | A109-10
DATE EXTRACTED: NA | NA | NA | DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/10 13:07 | 09/08/10 13:39 | 09/08/10 13:55 | DATE RECEIVED: 09/07/10
PREP. BATCH: IC1017W | IC1017W | IC1017W
CALIB. REF: A109-01 | A109-01 | A109-01

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.91	118	5.00	5.91	118	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMWC4B-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: A109-07 A109-08
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1013:07 09/08/1013:23 DATE RECEIVED: 09/07/10
PREP. BATCH: 1C1017W 1C1017W
CALIB. REF: A109-01 A109-01

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Bromide	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: IC1017WB IC1017WC IC1017WD
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.90	98	5.00	4.90	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1019WB IC1019WL IC1019WC
LAB FILE ID: AI09-31 AI09-32 AI09-33
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: AI09-29 AI09-29 AI09-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.92	98	5.00	4.92	98	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1D1075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20 20
SAMPLE ID: MW-70-PMW04B-A10
LAB SAMP ID: 1075-02 1075-02M 1075-02S
LAB FILE ID: A109-36 A109-38 A109-39
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1320:55 09/08/1021:28 09/08/1021:44 DATE RECEIVED: 09/07/10
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: A109-29 A109-29 A109-29

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	152	100	243	92	100	243	92	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20
SAMPLE ID: MW-70-P3W046-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: A109-36 A109-37
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1020:55 09/08/1021:11 DATE RECEIVED: 09/07/10
PREP. BATCH: IC1019W IC1019W
CALIB. REF: A109-29 A109-29

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Chloride-Cl	152	151	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1017WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.88	94	2.00	1.88	94	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-PMW04B-A10		
LAB SAMP ID:	1075-02	1075-02M	1075-02S
LAB FILE ID:	A109-07	A109-09	A109-10
DATE EXTRACTED:	NA	NA	NA
DATE ANALYZED:	09/08/1013:07	09/08/1013:39	09/08/1013:55
PREP. BATCH:	IC1017W	IC1017W	IC1017W
CALIB. REF:	A109-01	A109-01	A109-01

DATE COLLECTED: 09/07/10 11:50
DATE RECEIVED: 09/07/10

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.91	96	2.00	1.91	96	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-MW048-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: A109-07 A109-08
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1013:07 09/08/1013:23 DATE RECEIVED: 09/07/10
PREP. BATCH: IC1017W IC1017W
CALIB. REF: A109-01 A109-01

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrate-N	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101375
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1017WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.31	101	2.00	2.02	101	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: NW-70-PMW048-A10
LAB SAMP ID: 1075-32 1075-02M 1075-02S
LAB FILE ID: A109-07 A109-09 A109-10
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1013:07 09/08/1013:39 09/08/1013:55 DATE RECEIVED: 09/07/10
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.39	119	2.00	2.39	120	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04B-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: A109-07 A109-08
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1013:07 09/08/1013:23 DATE RECEIVED: 09/07/10
PREP. BATCH: IC1017W IC1017W
CALIB. REF: A109-01 A109-01

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrite-N	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1017WB IC1017WL IC1017WC
LAB FILE ID: A109-03 A109-04 A109-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1012:02 09/08/1012:18 09/08/1012:34 DATE RECEIVED: NA
PREP. BATCH: IC1017W IC1017W IC1017W
CALIB. REF: A109-01 A109-01 A109-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.75	95	5.00	4.75	95	0	90-110	20

2293

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: 1CI019WB 1CI019WL 1CI019WC
LAB FILE ID: AI09-31 AI09-32 AI09-33
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: 1CI019W 1CI019W 1CI019W
CALIB. REF: AI09-29 AI09-29 AI09-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.77	95	5.00	4.78	96	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20 20
SAMPLE ID: MW-70-PMW04B-A10
LAB SAMP ID: 1075-02 1075-02M 1075-02S
LAB FILE ID: A109-36 A109-38 A109-39
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1020:55 09/08/1021:28 09/08/1021:44 DATE RECEIVED: 09/07/10
PREP. BATCH: IC101 9W IC101 9W IC101 9W
CALIB. REF: A109-29 A109-29 A109-29

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	165	100	254	89	100	254	90	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1JIC75
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20
SAMPLE ID: MW-7C-PMWD4B-AIJ
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: AI09-36 AI09-37
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/08/1020:55 09/08/1021:11 DATE RECEIVED: 09/07/10
PREP. BATCH: 1C1019W 1C1019W
CALIB. REF: AI09-29 AI09-29

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Sulfate	165	165	0	20

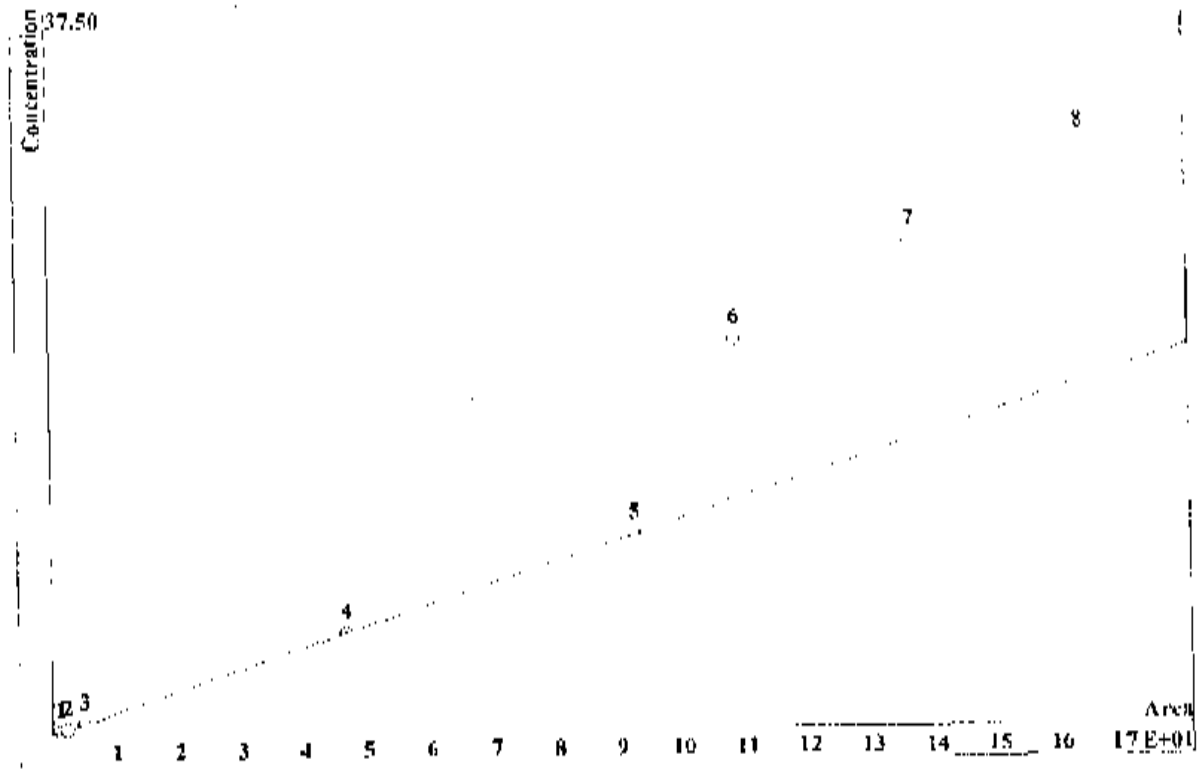
INITIAL CALIBRATION

IC Result Check FormVersion : 101/A101

[illegible]	[illegible]	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	FCIBNPS	[illegible]	[illegible]	[illegible]	0	0	[illegible]	[illegible]	[illegible]	[illegible]
A101-02	CO	FCIBNPS	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]
A101-03	S1	FCIBNPS	0.0566427	0.104476	0.0643129	0.0980786	0.0431625	0.120695	[illegible]	[illegible]	1
A101-04	S2	FCIBNPS	0.163054	0.20044	0.169521	0.195039	0.142891	0.217759	0.337662	u9011504	1
A101-05	S3	FCIBNPS	0.488577	0.489737	0.488502	0.490103	0.440254	0.488697	0.525698	u9011610	1
A101-06	S4	FCIBNPS	5.18977	4.9792	5.1591	5.03262	5.02727	4.94658	4.93293	u9011626	1
A101-07	S5	FCIBNPS	9.90196	10.0255	9.91856	9.98416	10.1451	10.0263	9.94209	u9011643	1
A101-08	S6	FCIBNPS	18.29	20.0255	18.3817	11.7608	20.1535	19.9381	19.9782	u9011659	1
A101-09	S7	FCIBNPS	22.1356	24.9825	22.2135	14.7964	25.0264	24.8267	25.0022	u9011715	1
A101-10	S8	FCIBNPS	25.7804	29.9926	25.8397	17.768	29.0213	29.7084	30.042	u9011731	1
A101-11	ICV	FCIBNPS	105%	96.6%	104.1%	95.7%	99.3%	97.3%	96.7%	u9011758	1
A101-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9011815	1

CALIBRATION OF COMPONENT Bromide

Method: [illegible] Linear
Equation [illegible]
RSD: 0.[illegible] %
Correlation coefficient: 0.999990



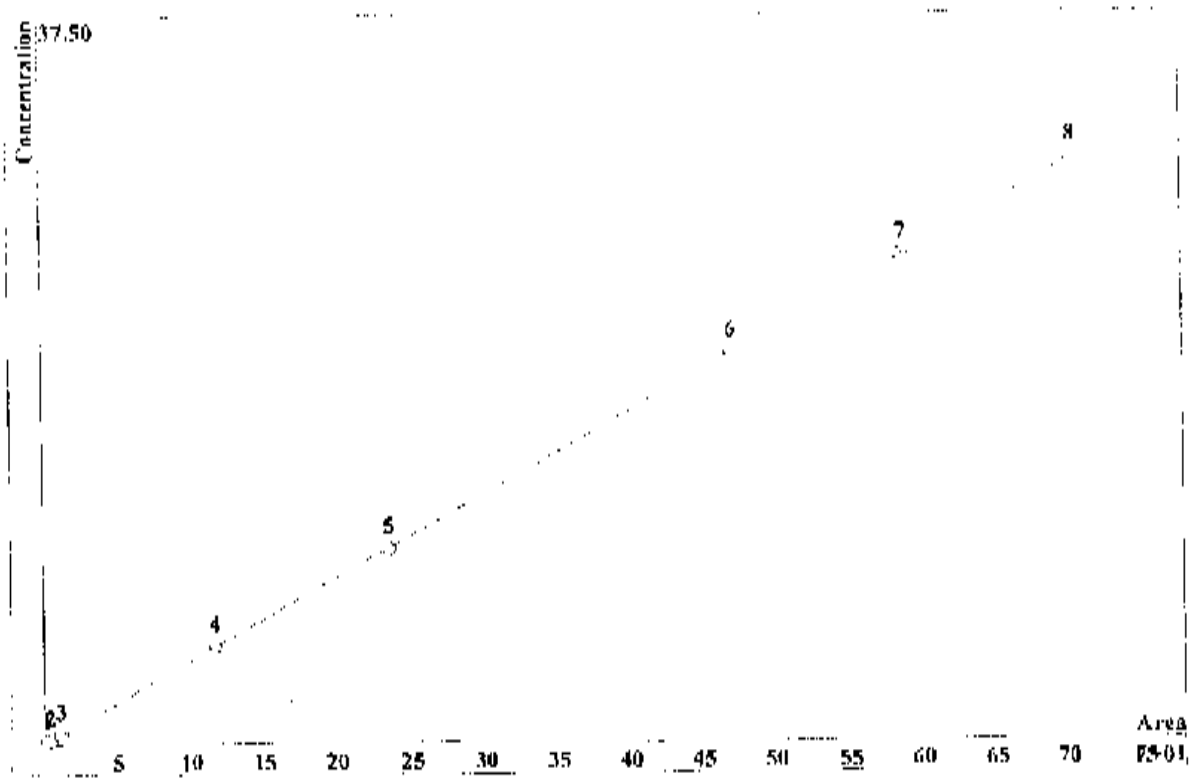
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	126.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/04/10

CALIBRATION OF COMPONENT chloroform

Method: TCTCC-101.mth
Equation: O 0.042441·A + 0.0114068
Date: [illegible]
Correlation coefficient: 0.999996



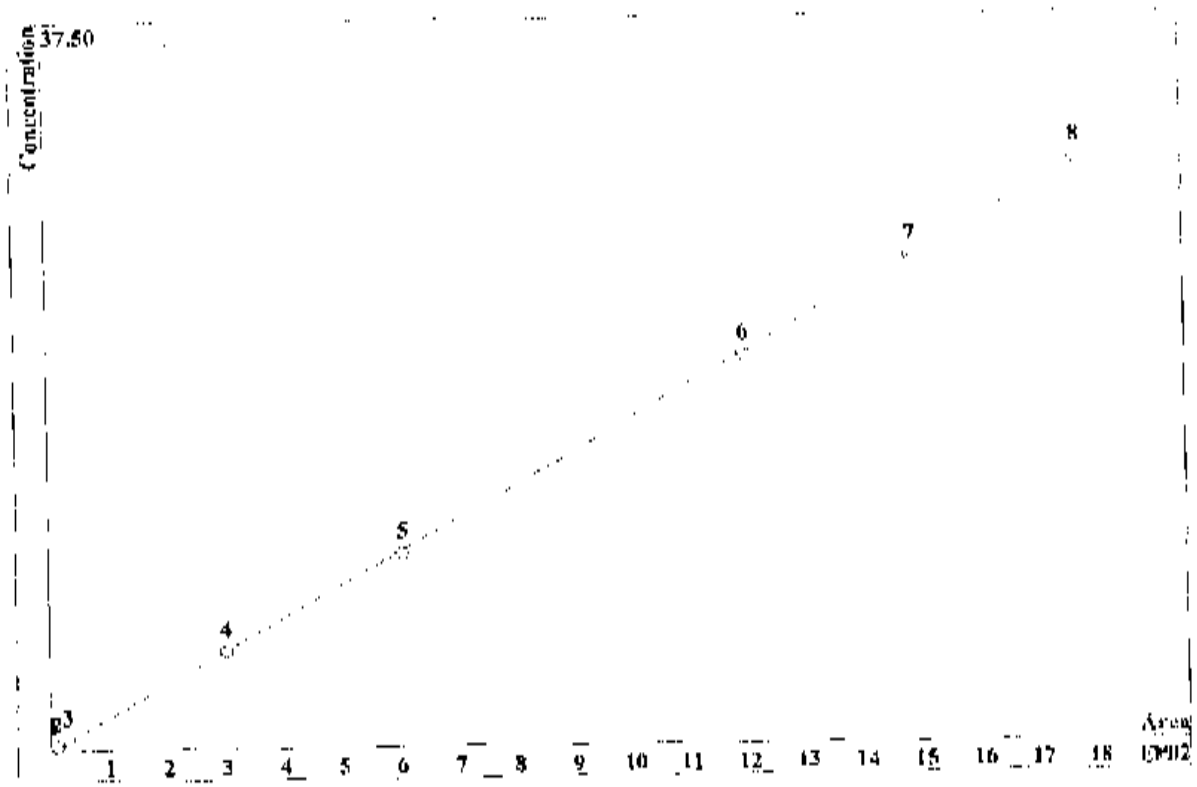
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AB
9/01/10

CALIBRATION OF COMPONENT nitrate

Method: [illegible] 101.[illegible]
Image [illegible]
Type: 1.0[illegible]8
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587

Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

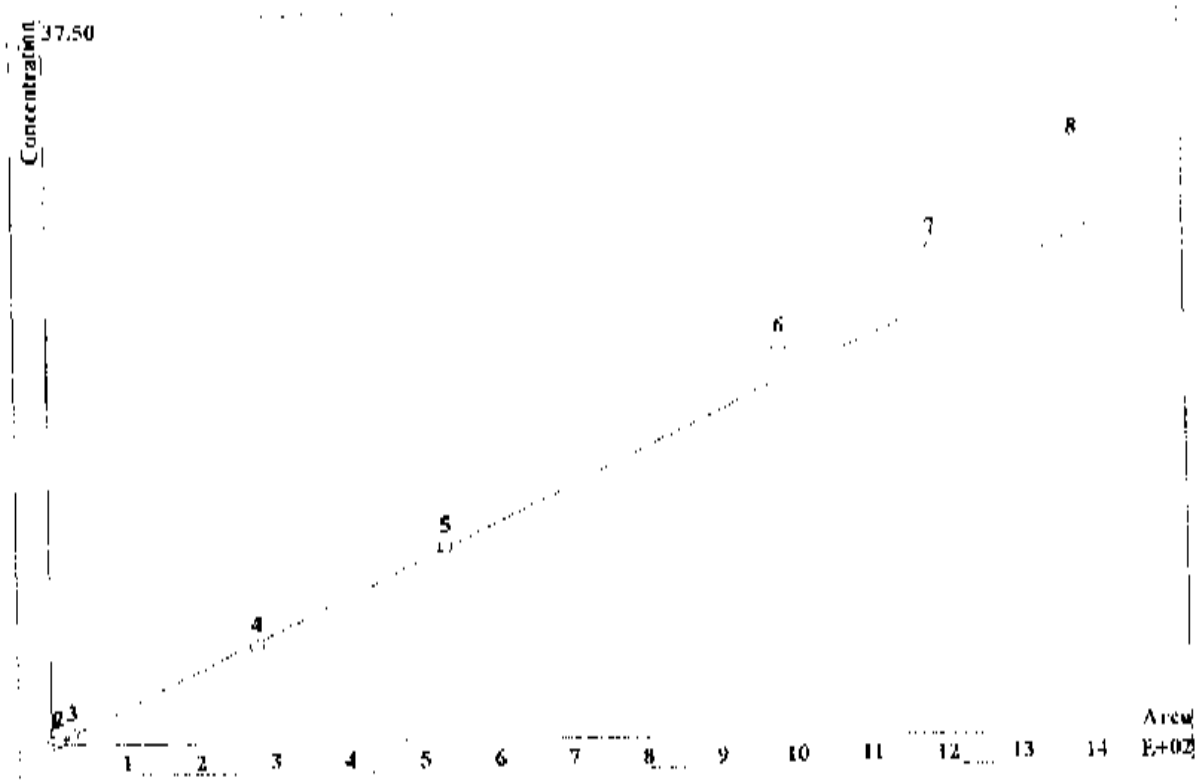
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RS
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100 [illegible]
Signal to noise: [illegible]
RSD: [illegible] %
Correlation coefficient: 0.999772



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164212
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

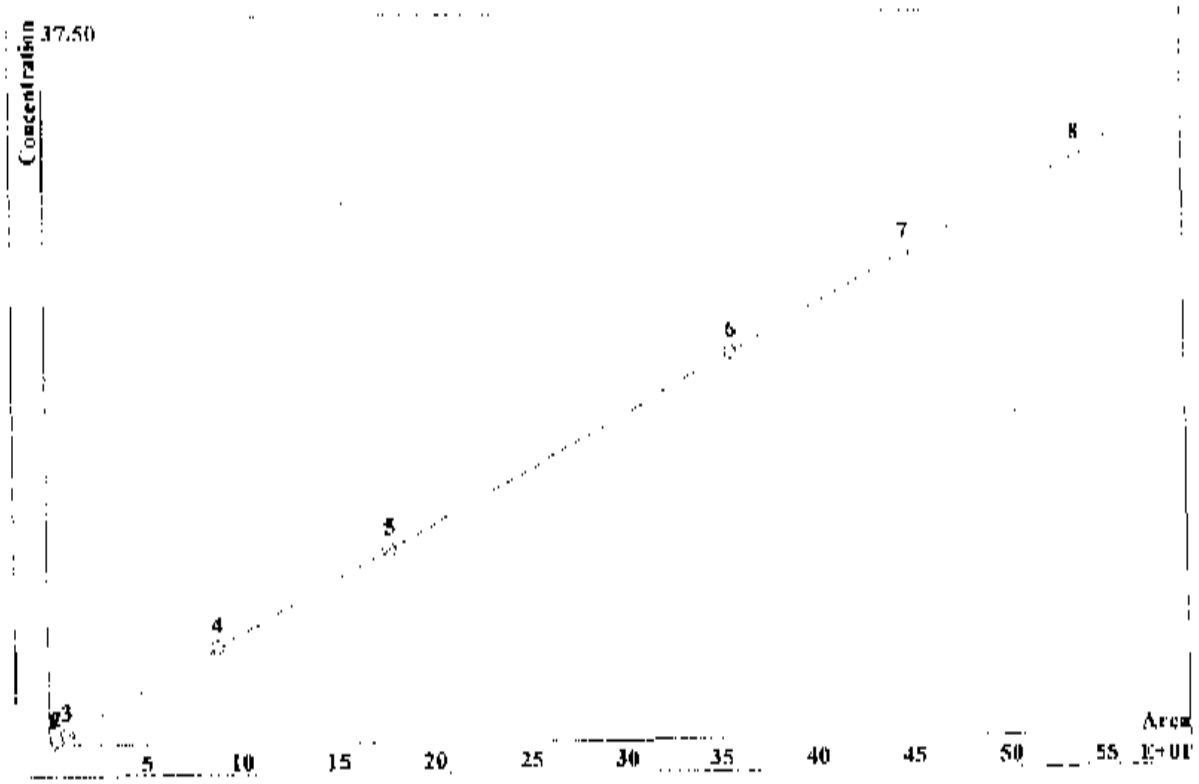
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1365	30	1	4.98	No	u9011731.chw

✓

AB
29/02/10

CALIBRATION OF COMPONENT [illegible]

[illegible] J2109-201.mlw
[illegible]
[illegible]
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

RS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 107/A101

LHID	LsID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
A101-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
A101-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
A101-12	ICL	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : 101 /AI01

LFID	LSID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI09-01	CCV57	SCPNFIB	95.6%	97.7%	97.1%	92.2%	103%	98.5%	101.4%	u9081130	1
AI09-02	CCB57	SCPNFIB	0	0	0	0	0	0	0	u9081146	1
AI09-12	CCV59	SCPNFIB	95.1%	98.8%	100.5%	93.1%	102.9%	100%	103.2%	u9081427	1
AI09-13	CCB59	SCPNFIB	0	0	0	0	0	0	0	u9081443	1
AI09-24	CCV61	SCPNFIB	95.3%	99%	99%	93.4%	102.7%	100%	103.1%	u9081741	1
AI09-25	CCB61	SCPNFIB	0	0	0	0	0	0	0	u9081757	1
AI09-29	CCV63	SCPNFIB	94.9%	98.6%	99.3%	92.9%	102.5%	99.6%	102.7%	u9081902	1
AI09-30	CCB63	SCPNFIB	0	0	0	0	0	0	0	u9081918	1
AI09-40	CCV65	SCPNFIB	95.2%	98.7%	101.3%	93%	103.1%	99.7%	102.8%	u9082200	1
AI09-41	CCB65	SCPNFIB	0	0	0	0	0	0	0	u9082216	1
AI09-50	CCV67	SCPNFIB	95.7%	99.2%	99.5%	93.5%	103.2%	100%	103.5%	u9090041	1
AI09-51	CCB67	SCPNFIB	0	0	0	0	0	0	0	u9090058	1
AI09-62	CCV69	SCPNFIB	95.5%	99.2%	102.7%	93.4%	102.9%	100.2%	104%	u9090355	1
AI09-63	CCB69	SCPNFIB	0	0	0	0	0	0	0	u9090412	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Blank:

S1004-01-113 (5.20 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL

S1004-01-112 (100 mM $NaHCO_3$) 12 mL

IC Reagent:

S1004-01-120 (1000 mM H_2O_2)

Book #: A100-025

Instrument No.: 100

Analytical Sequence: A101

Method File: IC100-101.mtw

Analytical Batch: N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S1\18-15-6-2
ICV	S1\18-16-6-3
CCV	NA
ICS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/19

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible].chx	[illegible].mth	[illegible] J6	1	1.0	1.0	1.0	100.0	0		
[illegible].chx	[illegible].mth	[illegible] S0	2	1.0	1.0	1.0	100.0	0		
[illegible].chx	[illegible].mth	[illegible] S1	3	1.0	1.0	1.0	100.0	1		
[illegible].chx	[illegible].mth	[illegible] S2	4	1.0	1.0	1.0	100.0	2		
[illegible].chx	[illegible].mth	[illegible] S3	5	1.0	1.0	1.0	100.0	3		
[illegible].chx	[illegible].mth	[illegible] S4	6	1.0	1.0	1.0	100.0	4		
[illegible].chx	[illegible].mth	[illegible] S5	7	1.0	1.0	1.0	100.0	5		
[illegible].chx	[illegible].mth	[illegible] S6	8	1.0	1.0	1.0	100.0	6		
[illegible].chx	[illegible].mth	[illegible] S7	9	1.0	1.0	1.0	100.0	7		
[illegible].chx	[illegible].mth	[illegible] S8	10	1.0	1.0	1.0	100.0	8		
[illegible].chx	[illegible].mth	[illegible] ICV	11	1.0	1.0	1.0	100.0	0		
[illegible].chx	[illegible].mth	[illegible] ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

AS 9/08/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A109
Method File:	IC100-301.mbp
Analytical Batch:	IC10176W; IC10176W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	↓ -3
CCV	SI18-15-9-1
LCS	SI18-15-9-2
MS	Base Spike (F, NO2, NO3, Cl 2ppm) Cl, Br, PO4, SO4 (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SI04-01-173 (320mM Na_2CO_3/100mM $NaHCO_3$) 20mL/2L

SI04-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SI04-01-180 (1000mM H_2SO_4)

Date: 9/8/10

Analyzed By: JS

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	5.0	1.0	100.0	0		

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of two (2) water samples were received on 09/07/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI016WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recovery for I075-02M was within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(N)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFSD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	20.5	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	20.5	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-PMW04A-A10	1075-01	ND	1	NA	1.00	0.500	09/17/1004:49	NA	H116014	H116012	HC1016W	09/07/1010:35	09/07/10
MW-70-PMW04B-A10	1075-02	ND	1	NA	1.00	0.500	09/17/1005:54	NA	H116015	H116012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	ND	1	NA	1.00	0.500	09/17/1007:00	NA	H116016	H116012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02M	20.5	1	NA	1.00	0.500	09/17/1008:06	NA	H116017	H116012	HC1016W	09/07/1011:50	09/07/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : AWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.3	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WD	19.3	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW04A-A10	1075-01	ND	1	NA	1.00	0.500	09/17/1004:49	NA	HI16014	HI16012	HC1016W	09/07/1010:35	09/07/10
MW-70-PMW04B-A10	1075-02	ND	1	NA	1.00	0.500	09/17/1005:54	NA	HI16015	HI16012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	ND	1	NA	1.00	0.500	09/17/1007:00	NA	HI16016	HI16012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02M	20.2	1	NA	1.00	0.500	09/17/1008:06	NA	HI16017	HI16012	HC1016W	09/07/1011:50	09/07/10

METHOD 300.0(N)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	SMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLCIW	HCIO16WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HCIO16W	NA	NA
LCS1W	HCIO16WL	19.6	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HCIO16W	NA	NA
LCD1W	HCIO16WC	19.6	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HCIO16W	NA	NA
MW-70-PMW04A-A10	1075-01	ND	1	NA	1.00	0.500	09/17/1004:49	NA	H116014	H116012	HCIO16W	09/07/1010:35	09/07/10
MW-70-PMW04B-A10	1075-02	ND	1	NA	1.00	0.500	09/17/1005:54	NA	H116015	H116012	HCIO16W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	ND	1	NA	1.00	0.500	09/17/1007:00	NA	H116016	H116012	HCIO16W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02M	20.0	1	NA	1.00	0.500	09/17/1008:36	NA	H116017	H116012	HCIO16W	09/07/1011:50	09/07/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	FMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	20.2	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	20.2	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-PMW04A-A10	1075-01	ND	1	NA	1.00	0.500	09/17/1004:49	NA	H116014	H116012	HC1016W	09/07/1010:35	09/07/10
MW-70-PMW04B-A10	1075-02	ND	1	NA	1.00	0.500	09/17/1005:54	NA	H116015	H116012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	ND	1	NA	1.00	0.500	09/17/1007:00	NA	H116016	H116012	HC1016W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02M	20.2	1	NA	1.00	0.500	09/17/1008:06	NA	H116017	H116012	HC1016W	09/07/1011:50	09/07/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 7C.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MB_K1W				
LAB SAMP ID:	HC1016WB	HC1016WL	HC1016WC		
LAB FILE ID:	HI16003	HI16004	HI16005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	HI16001	HI16001	HI16001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-7C-PMW048-A1C
LAB SAMP ID: 1075-02 1075-02M
LAB FILE ID: H116015 H116017
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/10 05:54 09/17/10 08:06 DATE RECEIVED: 09/07/10
PREP. BATCH: HC1016W HC1016W
CALIB. REF: H116012 H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Acetate	ND	20.0	20.5	102	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04B-A10
EMAX SAMP ID: T075-02 T075-02D
LAB FILE ID: H116015 H116016
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/1005:54 09/17/1007:00 DATE RECEIVED: 09/07/10
PREP. BATCH: HCIC16W HCIC16W
CALIB. REF: H116012 H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Acetate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101375
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1016WB	HC1016WL	HC1016WC		
LAB FILE ID:	HI16003	HI16004	HI16005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	HI16001	HI16001	HI16001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.3	96	20.0	19.3	96	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1D1075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PML048-A10
LAB SAMP ID: 1075-32 1075-02M
LAB FILE ID: H116015 H116017
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/1005:54 09/17/1008:06 DATE RECEIVED: 09/07/10
PREP. BATCH: HC1016W HC1016W
CALIB. REF: H116012 H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Butyrate	ND	20.0	20.2	101	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: MW-70-PH.048-A1C
EMAX SAMP ID: 1075-02 | 1075-02D
LAB FILE ID: H116015 | H116016
DATE EXTRACTED: NA | NA | DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/10 05:54 | 09/17/10 07:00 | DATE RECEIVED: 09/07/10
PREP. BATCH: HC101GW | HC101GW
CALIB. REF: H116012 | H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Butyrate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016MB HC1016WL HC1016WC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:37 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	19.6	98	0	90-110	20

0055

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: VW-70-PMW048-A10
LAB SAMP ID: 1075-02 1075-02M
LAB FILE ID: H116015 H116017
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/1035:54 09/17/1308:06 DATE RECEIVED: 09/07/10
PREP. BATCH: HC1016W HC1016W
CALIB. REF: H116012 H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Lactate	ND	20.0	20.0	100	75-125

0550

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW048-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: HI16015 HI16016
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/10 05:54 09/17/10 07:00 DATE RECEIVED: 09/07/10
PREP. BATCH: HC1016W HC1016W
CALIB. REF: HI16D12 HI16D12

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Lactate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 100375
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016W3 HC1016WL HC1016WS
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

ENAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 300.0(M)

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMWC4B-A10
LAB SAMP ID: 1075-02 1075-02M
LAB FILE ID: H116015 H116017
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:53
DATE ANALYZED: 09/17/10 05:54 09/17/10 08:06 DATE RECEIVED: 09/07/10
PREP. BATCH: HC10146W HC10146W
CALIB. REF: H116012 H116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Propionate	ND	20.0	20.2	101	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1010075
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 . 1
SAMPLE ID: MW-70-PMW04B-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: W116015 W116016
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/17/1005:54 09/17/1007:00 DATE RECEIVED: 09/07/10
PREP. BATCH: HC1016W HC1016W
CALIB. REF: W116012 W116012

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Propionate	ND	ND	0	20

INITIAL CALIBRATION

IC SEQ FORM/H113 (2010)

LFID	ISID	SELCOMP	METHOD	Date/time	DF
H113001	IB	ABLPY	OA106I13	09/13/1014:36	1
H113002	S-0	ABLPY	OA106I13	09/13/1014:57	1
H113003	S-1	ABLPY	OA106I13	09/13/1016:48	1
H113004	S-2	ABLPY	OA106I13	09/13/1017:16	1
H113005	S-3	ABLPY	OA106I13	09/13/1017:37	1
H113006	S-4	ABLPY	OA106I13	09/13/1017:58	1
H113007	S-5	ABLPY	OA106I13	09/13/1018:19	1
H113008	ICV	ABLPY	OA106I13	09/13/1018:40	1
H113009	ICB	ABLPY	OA106I13	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA"	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000128	0.1269	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/15/10

SECOND SOURCE

IC RESULT FORM CalVersion: 3DOM.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DF
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

9/13/10

8065

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.113/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI16001	CCV14	ABLPY	104%	96.0%	100%	102%	100%	09/16/1019:25	1
HI16002	CCB14	ABLPY	ND	ND	ND	ND	ND	09/16/1019:46	1
HI16003	HCI016WB	ABLPY	ND	ND	ND	ND	ND	09/16/1020:07	1
HI16004	HCI016WL	ABLPY	2.05	1.93	1.96	2.07	1.99	09/16/1020:28	1
HI16005	HCI016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:49	1
HI16006	1066-01	*BLPY	30.9E	5.22E	ND	30.5E	ND	09/16/1021:10	1
HI16007	1066-02	*BLPY	30.7E	5.06E	ND	30.2E	ND	09/16/1022:16	1
HI16008	1066-03	*BLPY	10.2E	.377	ND	.932	ND	09/16/1023:22	1
HI16009	1066-04	ABLPY	ND	ND	ND	ND	ND	09/17/1000:28	1
HI16010	1066-05	ABLPY	ND	ND	ND	ND	ND	09/17/1001:34	1
HI16011	1066-06	ABLPY	2.51	ND	ND	ND	ND	09/17/1002:40	1
HI16012	CCV16	ABLPY	107%	100%	102%	104%	102%	09/17/1003:46	1
HI16013	CCB16	ABLPY	ND	ND	ND	ND	ND	09/17/1004:20	1
HI16014	1075-01	ABLPY	ND	ND	ND	ND	ND	09/17/1004:49	1
HI16015	1075 02	ABLPY	ND	ND	ND	ND	ND	09/17/1005:54	1
HI16016	1075-020	ABLPY	ND	ND	ND	ND	ND	09/17/1007:00	1
HI16017	1075-02M	ABLPY	2.05	2.02	2	2.02	1.97	09/17/1008:06	1
HI16018	1091-01	ABLPY	ND	ND	ND	ND	ND	09/17/1009:12	1
HI16019	1091 02	ABLPY	.035	ND	ND	ND	ND	09/17/1010:18	1
HI16020	1091 03	ABLPY	1.88	ND	ND	1.53	ND	09/17/1011:24	1
HI16021	1091-04	ABLPY	ND	ND	ND	ND	ND	09/17/1012:30	1
HI16022	CCV18	ABLPY	106%	99%	103%	104%	104%	09/17/1014:16	1
HI16023	CCB18	ABLPY	ND	ND	ND	ND	ND	09/17/1014:58	1
HI16024	1148-01	ABLPY	.074	ND	ND	ND	ND	09/17/1015:19	1
HI16025	1148 02	ABLPY	.02	ND	ND	ND	ND	09/17/1016:24	1
HI16026	1148-03	ABLPY	.006	ND	ND	ND	ND	09/17/1017:30	1
HI16027	1148-04	ABLPY	ND	ND	ND	ND	ND	09/17/1018:36	1
HI16028	1193-01	ABLPY	1.02	ND	ND	ND	ND	09/17/1019:42	1
HI16029	1193 02	ABLPY	ND	ND	ND	ND	ND	09/17/1020:48	1
HI16030	CCV20	ABLPY	102%	95.1%	99.6%	98%	105%	09/17/1021:54	1
HI16031	CCB20	ABLPY	ND	ND	ND	ND	ND	09/17/1022:15	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.O.H : SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H113

Method File: 04106 I13

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-245
ICV	↓ -246
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 5/13/10

8065

Sequence: HI13
Operator: cmadmin

Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource: 039B3Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

W.004 : SW9A-03-03

WC3016W: I066, I075, I081, I148, I193

Book #: A106-008

Instrument No.: 106

Analytical Sequence: W106

Method File: 0A106303

Analytical Batch: WC3016W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX 218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-213
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By:

Date: 9/16/10

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI16		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI16		S-C	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI16		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI16		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI16		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI16		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI16		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI16		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI16		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI16	001	CCV14	Unknown	99	25.0	ORG	OA106I13	Finished	9/16/2010 7:25:53 PM	1.0000
11	HI16	002	CCB14	Unknown	98	25.0	ORG	OA106I13	Finished	9/16/2010 7:46:52 PM	1.0000
12	HI16	003	HCI016WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/16/2010 8:07:51 PM	1.0000
13	HI16	004	HCI016WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:28:49 PM	1.0000
14	HI16	005	HCI016WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:49:48 PM	1.0000
15	HI16	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 9:10:47 PM	1.0000
16	HI16	007	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 10:16:41 PM	1.0000
17	HI16	008	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 11:22:34 PM	1.0000
18	HI16	009	I066-04	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:28:27 AM	1.0000
19	HI16	010	I066-05	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 1:34:21 AM	1.0000
20	HI16	011	I066-06	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 2:40:14 AM	1.0000
21	HI16	012	CCV16	Unknown	99	25.0	ORG	OA106I13	Finished	9/17/2010 3:46:06 AM	1.0000
22	HI16	013	CCB16	Unknown	98	25.0	ORG	OA106I13	Finished	9/17/2010 4:28:05 AM	1.0000
23	HI16	014	I075-01	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:49:04 AM	1.0000
24	HI16	015	I075-02	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:54:57 AM	1.0000
25	HI16	016	I075-02D	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:00:51 AM	1.0000
26	HI16	017	I075-02M	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:06:45 AM	1.0000
27	HI16	018	I091-01	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 9:12:38 AM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:56:57 AM by cmadmin

No.	Sequence	Comment
1	HI16	
2	HI16	
3	HI16	
4	HI16	
5	HI16	
6	HI16	
7	HI16	
8	HI16	
9	HI16	
10	HI16	
11	HI16	
12	HI16	
13	HI16	
14	HI16	
15	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI16	
22	HI16	
23	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI15
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	DM. Factor
28	HI16	019	I091-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 10:18:32 AM	1.0000
29	HI16	020	I091-03	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 11:24:25 AM	1.0000
30	HI16	021	I091-04	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:30:19 PM	1.0000
31	HI16	022	CCV18	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 2:16:06 PM	1.0000
32	HI16	023	CCB18	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 2:58:03 PM	1.0000
33	HI16	024	I148-01	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 3:19:02 PM	1.0000
34	HI16	025	I148-02	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:24:57 PM	1.0000
35	HI16	026	I148-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:30:51 PM	1.0000
36	HI16	027	I148-04	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 6:36:45 PM	1.0000
37	HI16	028	I193-01	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:42:38 PM	1.0000
38	HI16	029	I193-02	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:48:32 PM	1.0000
39	HI16	030	CCV20	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 9:54:25 PM	1.0000
40	HI16	031	CCB20	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 10:15:24 PM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D09B3Q91_local
Location: Organic Acid\2010
Timebase: ICS-1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
28	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI16	
32	HI16	
33	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI16	
40	HI16	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD 2320B
TOTAL ALKALINITY

A total of two (2) water samples were received on 09/07/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for AL1008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 031075

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1008WB	ND	1	NA	5.00	1.00	09/14/1018:22	NA	10E5103003	NA	AL1008W	NA	NA
LCS1W	AL1008WL	583	1	NA	5.00	1.00	09/14/1018:33	NA	10E5103004	NA	AL1008W	NA	NA
LCD1W	AL1008WC	580	1	NA	5.00	1.00	09/14/1018:45	NA	10E5103005	NA	AL1008W	NA	NA
NW-70-PMW04A-A10	1075-C1	422	1	NA	5.00	1.00	09/14/1020:11	NA	10E5103015	NA	AL1008W	09/07/1013:35	09/07/10
NW-70-PMW04B-A10	1075-C2	173	1	NA	5.00	1.00	09/14/1020:20	NA	10E5103016	NA	AL1008W	09/07/1011:50	09/07/10
NW-70-PMW04B-A10DUP	1075-C2D	173	1	NA	5.00	1.00	09/14/1020:27	NA	10E5103017	NA	AL1008W	09/07/1011:50	09/07/10

EMAX QUALITY CONTROL DATA
LCS/LCSD ANALYSIS

CLIENT: INSIGHT EEG, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 2320B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	AL1008WB	AL1008WL	AL1008WD		
LAB FILE ID:	10E5103003	10E5103004	10E5103005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1018:22	09/14/1018:33	09/14/1018:45	DATE RECEIVED:	NA
PREP. BATCH:	AL1008W	AL1008W	AL1008W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLKW RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	583	101	576	580	101	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEG, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 1010C75
METHOD: METHOD 2320B

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW04B-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: 10E5103016 10E5103017
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/14/1020:20 09/14/1020:27 DATE RECEIVED: 09/07/10
PREP. BATCH: AL10D8W AL10D8W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Total Alkalinity	173	173	0	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method 2320B used for SDG: 10I043, 10I075, 10I807, 10I148, 10I812, 10I091

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I03

Analytical Sequence: ALI008, ALI009, ALI

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
LCS	SWI-01-258	576
MS/MSD	NA	NA
ICV	NA	NA
0.02N HCL	SWRI-01-254	0.02

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-263
pH 10	SWI-01-251
pH Check	SWI-01-262

Analyzed By: RC

Date: 9/14/10

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I03	09/14/2010	6:10 PM	7.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I03	09/14/2010	5:16 PM	6.66	.00	.05	.07	.00	1.27	1.27	.00	.00	
3	ALI006WB	10E5I03	09/14/2010	6:22 PM	5.38	.00	.03	.05	.00	.10	.10	.00	.00	
4	ALI006WL	10E5I03	09/14/2010	6:33 PM	8.95	8.37	14.57	-1.00	334.77	582.70	.00	495.86	86.85	
5	ALI006WC	10E5I03	09/14/2010	6:45 PM	8.97	8.44	14.51	-1.00	337.75	580.36	.00	485.21	95.14	
6	I043-01	10E5I03	09/14/2010	6:58 PM	6.75	.00	22.65	-1.00	.00	906.07	906.07	.00	.00	
7	I043-02	10E5I03	09/14/2010	7:08 PM	6.79	.00	18.82	-1.00	.00	752.67	752.67	.00	.00	
8	I043-03	10E5I03	09/14/2010	7:17 PM	7.73	.00	5.29	-1.00	.00	211.71	211.71	.00	.00	
9	I043-04	10E5I03	09/14/2010	7:24 PM	7.85	.00	5.13	-1.00	.00	205.29	205.29	.00	.00	
10	I043-05	10E5I03	09/14/2010	7:32 PM	7.85	.00	5.52	-1.00	.00	220.65	220.65	.00	.00	
11	I050-02	10E5I03	09/14/2010	7:41 PM	8.17	.00	10.67	-1.00	.00	426.65	426.65	.00	.00	
12	I050-04	10E5I03	09/14/2010	7:50 PM	8.66	.50	9.63	-1.00	20.18	385.34	344.98	40.36	.00	
13	I062-01	10E5I03	09/14/2010	7:56 PM	6.85	.00	3.05	-1.00	.00	121.80	121.80	.00	.00	
14	I062-02	10E5I03	09/14/2010	8:02 PM	6.65	.00	1.68	-1.00	.00	67.40	67.40	.00	.00	
15	I075-01	10E5I03	09/14/2010	8:11 PM	7.78	.00	10.55	-1.00	.00	422.04	422.04	.00	.00	
16	I075-02	10E5I03	09/14/2010	8:20 PM	7.87	.00	4.33	-1.00	.00	173.20	173.20	.00	.00	
17	I075-02D	10E5I03	09/14/2010	8:27 PM	7.88	.00	4.32	-1.00	.00	172.85	172.85	.00	.00	
18	I087-01	10E5I03	09/14/2010	8:34 PM	7.79	.00	4.60	-1.00	.00	183.96	183.96	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/15/10

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Run Number 473 **Analytical Batch#** **10E5I03**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I507-02	10E5I03	09/14/2010	8:42 PM	7.80	.00	4.60	-1.00	.00	183.90	183.90	.00	.00	
20	I507-03	10E5I03	09/14/2010	8:49 PM	7.90	.00	4.58	-1.00	.00	183.34	183.34	.00	.00	
21	I148-01	10E5I03	09/14/2010	8:57 PM	7.23	.00	5.61	-1.00	.00	224.29	224.29	.00	.00	
22	I148-02	10E5I03	09/14/2010	9:05 PM	7.59	.00	5.49	-1.00	.00	219.57	219.57	.00	.00	
23	I148-03	10E5I03	09/14/2010	9:12 PM	7.67	.00	5.13	-1.00	.00	205.11	205.11	.00	.00	
24	I148-04	10E5I03	09/14/2010	9:19 PM	7.53	.00	5.18	-1.00	.00	207.32	207.32	.00	.00	
25	RINSE	10E5I03	09/14/2010	9:25 PM	6.47	.00	.05	.13	.00	-.11	-.11	.00	.00	
26	ALI009WB	10E5I03	09/14/2010	9:31 PM	5.75	.00	.05	.11	.00	-.30	-.30	.00	.00	
27	ALI009WL	10E5I03	09/14/2010	9:42 PM	9.16	10.20	14.34	-1.00	407.80	573.73	.00	331.84	241.88	
28	ALI009WC	10E5I03	09/14/2010	9:52 PM	9.14	10.11	14.35	-1.00	404.23	574.00	.00	339.55	234.45	
29	I116-01	10E5I03	09/14/2010	10:00 PM	6.55	.00	2.59	-1.00	.00	103.76	103.76	.00	.00	
30	I116-02	10E5I03	09/14/2010	10:08 PM	7.86	.00	7.48	-1.00	.00	299.20	299.20	.00	.00	
31	I116-03	10E5I03	09/14/2010	10:15 PM	7.69	.00	7.65	-1.00	.00	306.09	306.09	.00	.00	
32	I116-04	10E5I03	09/14/2010	10:27 PM	7.53	.00	16.92	-1.00	.00	676.79	676.79	.00	.00	
33	I116-05	10E5I03	09/14/2010	10:34 PM	7.90	.00	5.16	-1.00	.00	206.57	206.57	.00	.00	
34	I116-06	10E5I03	09/14/2010	10:42 PM	7.96	.00	8.76	-1.00	.00	350.34	350.34	.00	.00	
35	I116-07	10E5I03	09/14/2010	10:55 PM	8.39	.23	21.12	-1.00	9.08	844.66	826.79	18.17	.00	
36	I116-08	10E5I03	09/14/2010	11:02 PM	7.11	.00	4.07	-1.00	.00	162.97	162.97	.00	.00	
37	I116-09	10E5I03	09/14/2010	11:10 PM	7.20	.00	4.07	-1.00	.00	162.89	162.89	.00	.00	
38	I117-02	10E5I03	09/14/2010	11:17 PM	7.84	.00	3.87	-1.00	.00	154.83	154.83	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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Run Number 473 **Analytical Batch#** **10E5I03**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I117-03	10E5I03	09/14/2010	11:24 PM	7.26	.00	7.15	-1.00	.00	285.81	285.81	.00	.00	
40	I117-04	10E5I03	09/14/2010	11:36 PM	7.85	.00	17.21	-1.00	.00	688.29	688.29	.00	.00	
41	I117-05	10E5I03	09/14/2010	11:46 PM	7.85	.00	17.23	-1.00	.00	689.03	689.03	.00	.00	
42	I117-06	10E5I03	09/14/2010	11:56 PM	8.09	.00	9.37	-1.00	.00	374.69	374.69	.00	.00	
43	I117-07	10E5I03	09/15/2010	12:03 AM	7.66	.00	1.92	-1.00	.00	76.63	76.63	.00	.00	
44	I117-08	10E5I03	09/15/2010	12:09 AM	7.02	.00	3.69	-1.00	.00	147.77	147.77	.00	.00	
45	I117-09	10E5I03	09/15/2010	12:21 AM	8.11	.00	16.68	-1.00	.00	667.28	667.28	.00	.00	
46	I117-10	10E5I03	09/15/2010	12:29 AM	8.11	.00	7.88	-1.00	.00	315.36	315.36	.00	.00	
47	I117-11	10E5I03	09/15/2010	12:39 AM	7.54	.00	10.84	-1.00	.00	433.72	433.72	.00	.00	
48	I117-12	10E5I03	09/15/2010	12:49 AM	7.48	.00	14.46	-1.00	.00	578.57	578.57	.00	.00	
49	I117-13	10E5I03	09/15/2010	12:59 AM	7.48	.00	14.52	-1.00	.00	580.72	580.72	.00	.00	
50	RINSE	10E5I03	09/15/2010	1:06 AM	6.31	.00	.06	.12	.00	.22	.22	.00	.00	
51	ALI010WB	10E5I03	09/15/2010	1:12 AM	5.75	.00	.06	.10	.00	.03	.03	.00	.00	
52	ALI010WL	10E5I03	09/15/2010	1:21 AM	9.14	10.14	14.43	-1.00	405.77	577.20	.00	342.65	234.34	
53	ALI010WC	10E5I03	09/15/2010	1:32 AM	9.13	10.05	14.39	-1.00	402.04	575.50	.00	346.91	228.59	
54	I096-02	10E5I03	09/15/2010	1:40 AM	9.08	1.21	9.78	-1.00	48.24	391.29	294.81	96.49	.00	
55	I096-03	10E5I03	09/15/2010	1:51 AM	8.17	.00	13.12	-1.00	.00	524.66	524.66	.00	.00	
56	I096-04	10E5I03	09/15/2010	2:00 AM	8.20	.00	11.82	-1.00	.00	472.73	472.73	.00	.00	
57	I096-05	10E5I03	09/15/2010	2:11 AM	8.20	.00	11.79	-1.00	.00	471.65	471.65	.00	.00	
58	I134-02	10E5I03	09/15/2010	2:20 AM	8.01	.00	12.19	-1.00	.00	487.56	487.56	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-Titrat/ON PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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Run Number 473 **Analytical Batch#** **10E5I03**

Seq. #	SampleID	Data File Name	Run Date	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I134-03	10E5I03	09/15/2010	2:30 AM	8.00	.00	12.24	-1.00	.00	489.70	489.70	.00	.00	
60	I134-04	10E5I03	09/15/2010	2:39 AM	8.13	.00	11.39	-1.00	.00	455.72	455.72	.00	.00	
61	I134-05	10E5I03	09/15/2010	2:49 AM	8.10	.00	11.18	-1.00	.00	447.14	447.14	.00	.00	
62	I134-06	10E5I03	09/15/2010	2:58 AM	8.41	.16	10.13	-1.00	6.28	405.05	392.49	12.56	.00	
63	I134-07	10E5I03	09/15/2010	3:08 AM	8.03	.00	11.58	-1.00	.00	463.12	463.12	.00	.00	
64	I134-08	10E5I03	09/15/2010	3:17 AM	8.07	.00	11.56	-1.00	.00	462.39	462.39	.00	.00	
65	I812-01	10E5I03	09/15/2010	3:24 AM	7.94	.00	4.60	-1.00	.00	184.19	184.19	.00	.00	
66	I812-02	10E5I03	09/15/2010	3:32 AM	8.11	.00	4.59	-1.00	.00	183.40	183.40	.00	.00	
67	I812-03	10E5I03	09/15/2010	3:41 AM	8.02	.00	4.63	-1.00	.00	185.03	185.03	.00	.00	
68	I091-01	10E5I03	09/15/2010	3:49 AM	7.79	.00	10.13	-1.00	.00	405.29	405.29	.00	.00	
69	I091-02	10E5I03	09/15/2010	4:00 AM	7.77	.00	15.44	-1.00	.00	617.53	617.53	.00	.00	
70	I091-02D	10E5I03	09/15/2010	4:10 AM	7.76	.00	15.49	-1.00	.00	619.54	619.54	.00	.00	
71	I091-03	10E5I03	09/15/2010	4:21 AM	7.05	.00	17.48	-1.00	.00	699.15	699.15	.00	.00	
72	I091-04	10E5I03	09/15/2010	4:37 AM	7.35	.00	33.20	-1.00	.00	1,327.87	1,327.87	.00	.00	
73	RINSE	10E5I03	09/15/2010	4:43 AM	6.21	.00	.06	.12	.00	.17	.17	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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PC-Titrate For Windows

Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI008WB	6	.00	25.00
5	PH-ALK	ALI008WL	7	.00	25.00
6	PH-ALK	ALI008WC	8	.00	25.00
7	PH-ALK	I043-01	9	.00	25.00
8	PH-ALK	I043-02	10	.00	25.00
9	PH-ALK	I043-03	11	.00	25.00
10	PH-ALK	I043-04	12	.00	25.00
11	PH-ALK	I043-05	13	.00	25.00
12	PH-ALK	I050-02	14	.00	25.00
13	PH-ALK	I050-04	15	.00	25.00
14	PH-ALK	I062-01	16	.00	25.00
15	PH-ALK	I062-02	17	.00	25.00
16	PH-ALK	I075-01	18	.00	25.00
17	PH-ALK	I075-02	19	.00	25.00
18	PH-ALK	I075-02D	20	.00	25.00
19	PH-ALK	I807-01	21	.00	25.00
20	PH-ALK	I807-02	22	.00	25.00
21	PH-ALK	I807-03	23	.00	25.00
22	PH-ALK	I148-01	24	.00	25.00
23	PH-ALK	I148-02	25	.00	25.00
24	PH-ALK	I148-03	26	.00	25.00
25	PH-ALK	I148-04	27	.00	25.00
26	PH-ALK	RINSE	28	.00	25.00
27	PH-ALK	ALI009WB	29	.00	25.00
28	PH-ALK	ALI009WL	30	.00	25.00
29	PH-ALK	ALI009WC	31	.00	25.00
30	PH-ALK	I116-01	32	.00	25.00
31	PH-ALK	I116-02	33	.00	25.00
32	PH-ALK	I116-03	34	.00	25.00
33	PH-ALK	I116-04	35	.00	25.00
34	PH-ALK	I116-05	36	.00	25.00
35	PH-ALK	I116-06	37	.00	25.00
36	PH-ALK	I116-07	38	.00	25.00
37	PH-ALK	I116-08	39	.00	25.00
38	PH-ALK	I116-09	40	.00	25.00
39	PH-ALK	I117-02	41	.00	25.00
40	PH-ALK	I117-03	42	.00	25.00

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Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I117-04	43	.00	25.00
42	PH-ALK	I117-05	44	.00	25.00
43	PH-ALK	I117-06	45	.00	25.00
44	PH-ALK	I117-07	46	.00	25.00
45	PH-ALK	I117-08	47	.00	25.00
46	PH-ALK	I117-09	48	.00	25.00
47	PH-ALK	I117-10	49	.00	25.00
48	PH-ALK	I117-11	50	.00	25.00
49	PH-ALK	I117-12	51	.00	25.00
50	PH-ALK	I117-12D	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00
52	PH-ALK	ALI010WB	54	.00	25.00
53	PH-ALK	ALI010WL	55	.00	25.00
54	PH-ALK	ALI010WC	56	.00	25.00
55	PH-ALK	I096-02	57	.00	25.00
56	PH-ALK	I096-03	58	.00	25.00
57	PH-ALK	I096-04	59	.00	25.00
58	PH-ALK	I096-05	60	.00	25.00
59	PH-ALK	I134-02	61	.00	25.00
60	PH-ALK	I134-03	62	.00	25.00
61	PH-ALK	I134-04	63	.00	25.00
62	PH-ALK	I134-05	64	.00	25.00
63	PH-ALK	I134-06	65	.00	25.00
64	PH-ALK	I134-07	66	.00	25.00
65	PH-ALK	I134-08	67	.00	25.00
66	PH-ALK	I812-01	68	.00	25.00
67	PH-ALK	I812-02	69	.00	25.00
68	PH-ALK	I812-03	70	.00	25.00
69	PH-ALK	I091-01	71	.00	25.00
70	PH-ALK	I091-02	72	.00	25.00
71	PH-ALK	I091-02D	73	.00	25.00
72	PH-ALK	I091-03	74	.00	25.00
73	PH-ALK	I091-04	75	.00	25.00
74	PH-ALK	RINSE	76	.00	25.00

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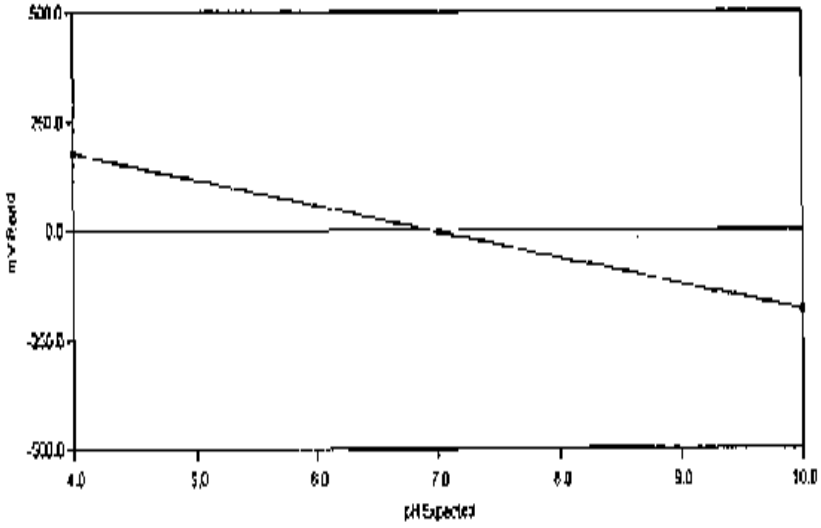
PC-TitratION PLUS
Calibration Report

Calibration Record # 211



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/14/2010	
Channel	1	Time	6:07 PM	
Probe Type	pH	Temperature	296.82 K	23.67 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.630	CorrCoeff	1.0000
Intercept	-3.497	Equation: Y = (-59.630) X + (-3.497)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.630	-65.00	53.00
Intercept	-3.497	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	176.39
	7.00	-5.49
	10.00	-181.39

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101075

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of two (2) water samples were received on 09/07/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/DCD was analyzed with the samples in this SDG.
Percent recoveries for TDI004WL/C were all within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI004WB	ND	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00401	NA	TDI004W	NA	NA
LCS1W	TDI004WL	1320	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00402	NA	TDI004W	NA	NA
LCD1W	101004WC	995	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00403	NA	TDI004W	NA	NA
MW-70-PMW04A-A10	1075-01	766	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00422	NA	TDI004W	09/07/1010:35	09/07/10
MW-70-PMW04B-A10	1075-02	652	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00423	NA	TDI004W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02D	664	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00424	NA	TDI004W	09/07/1011:50	09/07/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101375
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TD1004WB TD1004WL TD1004WC
LAB FILE ID: TD100401 TD100402 TD100403
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/09/1015:26 09/09/1015:26 09/09/1015:26 DATE RECEIVED: NA
PREP. BATCH: TD1004W TD1004W TD1004W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	1020	102	1000	995	100	2	80-120	20

0608

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD 2540C

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW048-A10
EMAX SAMP ID: 1075-02 1075-02D
LAB FILE ID: T0100423 T0100424
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/09/1015:26 09/09/1015:26 DATE RECEIVED: 09/07/10
PREP. BATCH: TDSC04W TDSC04W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	652	664	2	5

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TD1004

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-266	1000

Analyzed By: MTN

Date: 4/10/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES INC.

Instrument ID: 43208760 | Oven Temp IN (°C): 180 | Oven Temp OUT (°C): 180 | SOP: | EMAX-861 Rev. 2

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt Rdg	Difference 2nd & 3rd Dry Wt Rdg (<0.5mg)
TD1004 01	TD0004WB	100	B	70.3579	09-09-10	15:36	70.3579	09-10-10	12:50	70.3681	09-10-10	14:56	70.3681	09-10-10	14:56	[illegible]	0.0
TD1004 02	TD0004WL	50	L	13.0597	09-09-10	15:27	13.08	09-10-10	12:51	13.0798	09-10-10	14:56	13.08	09-10-10	14:56	[illegible]	0.2
TD1004 03	TD0004WC	50	C	13.2615	09-09-10	15:27	13.2813	09-10-10	12:52	13.2814	09-10-10	14:57	13.2814	09-10-10	14:57	[illegible]	0.0
TD1004 04	0991-01	50	1	70.3094	09-09-10	15:27	70.3456	09-10-10	12:53	70.346	09-10-10	14:58	70.346	09-10-10	14:58	[illegible]	0.0
TD1004 05	0991-02	50	2	13.1775	09-09-10	15:28	13.2245	09-10-10	12:54	13.224	09-10-10	14:58	13.2241	09-10-10	14:59	[illegible]	0.1
TD1004 06	0991-03	50	3	13.2249	09-09-10	15:28	13.2586	09-10-10	12:54	13.2589	09-10-10	14:55	13.2589	09-10-10	14:59	[illegible]	0.0
TD1004 07	0991-04	50	4	13.2110	09-09-10	15:29	13.2595	09-10-10	12:54	13.2594	09-10-10	14:55	13.2594	09-10-10	14:59	[illegible]	0.0
TD1004 08	1000-02	50	5	13.2529	09-09-10	15:29	13.3137	09-10-10	12:55	13.3139	09-10-10	15:00	13.3139	09-10-10	15:00	[illegible]	0.1
TD1004 09	1000-03	50	6	13.0763	09-09-10	15:30	13.1591	09-10-10	12:55	13.1592	09-10-10	15:00	13.1592	09-10-10	15:00	[illegible]	0.0
TD1004 10	1000-01	50	7	13.2445	09-09-10	15:30	13.2959	09-10-10	12:56	13.2962	09-10-10	15:01	13.2962	09-10-10	15:00	[illegible]	0.2
TD1004 11	1000-03	50	8	13.2133	09-09-10	15:31	13.2512	09-10-10	12:56	13.2514	09-10-10	15:01	13.2514	09-10-10	15:01	[illegible]	0.2
TD1004 12	1000-04	50	9	13.2186	09-09-10	15:31	13.2532	09-10-10	12:56	13.2537	09-10-10	15:01	13.2537	09-10-10	15:01	[illegible]	0.2
TD1004 13	1000-05	50	10	13.0577	09-09-10	15:32	13.2295	09-10-10	12:57	13.2019	09-10-10	15:01	13.2019	09-10-10	15:01	[illegible]	0.0
TD1004 14	1000-06	50	11	13.2756	09-09-10	15:33	13.3589	09-10-10	12:57	13.309	09-10-10	15:02	13.309	09-10-10	15:02	[illegible]	0.2
TD1004 15	1000-06D	50	12	13.2597	09-09-10	15:33	13.2835	09-10-10	12:57	13.2836	09-10-10	15:03	13.2835	09-10-10	15:03	[illegible]	0.0
TD1004 16	1066-01	50	13	13.3549	09-09-10	15:33	13.3475	09-10-10	12:58	13.3476	09-10-10	15:02	13.3476	09-10-10	15:02	[illegible]	0.0
TD1004 17	1066-02	50	14	13.1472	09-09-10	15:33	13.189	09-10-10	12:58	13.1892	09-10-10	15:03	13.1892	09-10-10	15:03	[illegible]	0.0
TD1004 18	1066-03	50	15	13.3062	09-09-10	15:34	13.4027	09-10-10	12:55	13.4022	09-10-10	15:04	13.4022	09-10-10	15:04	[illegible]	0.0
TD1004 19	1066-04	50	16	13.1924	09-09-10	15:34	13.1909	09-10-10	12:55	13.1909	09-10-10	15:04	13.1909	09-10-10	15:04	[illegible]	0.0
TD1004 20	1066-05	50	17	13.1453	09-09-10	15:34	13.1721	09-10-10	12:59	13.1719	09-10-10	15:04	13.1719	09-10-10	15:04	[illegible]	0.0
TD1004 21	1066-06	50	18	13.3371	09-09-10	15:35	13.3583	09-10-10	12:59	13.3586	09-10-10	15:05	13.3586	09-10-10	15:05	[illegible]	0.0
TD1004 22	1015-01	50	19	69.3852	09-09-10	15:35	69.4234	09-10-10	13:00	69.4235	09-10-10	15:04	69.4235	09-10-10	15:33	[illegible]	0.0
TD1004 23	1015-02	100	20	70.3923	09-09-10	15:36	70.3625	09-10-10	13:00	70.3624	09-10-10	15:45	70.3625	09-10-10	15:33	[illegible]	0.1
TD1004 24	1015-03D	100	21	68.3841	09-09-10	15:36	68.957	09-10-10	13:00	68.991	09-10-10	16:45	68.9928	09-10-10	15:34	[illegible]	0.1

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0000	09-09-10	15:18:45	PASSED
100	99.9942	09-09-10	15:19:29	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09-10-10	15:37:23	PASSED
100	99.9943	09-10-10	15:37:57	PASSED

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0000	09-10-10	12:46:32	PASSED
100	99.9961	09-10-10	12:49:10	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09-10-10	13:25:14	PASSED
100	99.9956	09-10-10	13:28:37	PASSED

LTS Conc. 1000 mg/L | MDL 5 mg/L | RL 10 mg/L

COMMENTS

Initial Reading by NIMS

Final Reading by NIMS

Reviewed by

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD1004 Start Date/Time: 09/09/10 15:26 Temp IN(°C): 180

Balance ID: 40706360 End Date/Time: 09/10/10 15:05 Temp Out(°C): 180

DATA FILE ID		Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD1004	01	TD1004WB	100	70.3679	70.3683	0.4000	ND	
TD1004	02	TD1004WL	20	13.0597	13.08	20.3000	1020	102
TD1004	03	TD1004WC	20	13.2615	13.2814	19.9000	995	100
TD1004	04	1091-01	50	70.3094	70.346	36.6000	732	
TD1004	05	1091-02	20	13.1775	13.2241	46.6000	2330	
TD1004	06	1091-03	20	13.2249	13.2589	34.0000	1700	
TD1004	07	1091-04	20	13.211	13.2594	48.4000	2420	
TD1004	08	1099-02	20	13.2329	13.3139	81.0000	4050	
TD1004	09	1099-02D	20	13.0762	13.1582	82.0000	4100	
TD1004	10	1090-02	20	13.2669	13.296	29.1000	1455	
TD1004	11	1090-03	20	13.2182	13.2514	33.2000	1660	
TD1004	12	1090-04	20	13.2186	13.2537	35.1000	1760	
TD1004	13	1090-05	20	13.1677	13.2019	34.2000	1710	
TD1004	14	1090-06	20	13.2756	13.309	33.4000	1670	
TD1004	15	1090-06D	20	13.2502	13.2836	33.4000	1670	
TD1004	16	1066-01	20	13.2546	13.3476	93.0000	4650	
TD1004	17	1066-02	10	13.1472	13.1892	42.0000	4200	
TD1004	18	1066-03	20	13.3062	13.4027	96.0000	4800	
TD1004	19	1066-04	20	13.1534	13.1909	37.5000	1870	
TD1004	20	1066-05	20	13.1463	13.1719	25.6000	1280	
TD1004	21	1066-06	20	13.3273	13.3586	31.3000	1560	
TD1004	22	1075-01	50	69.3852	69.4235	38.3000	766	
TD1004	23	1075-02	100	70.2973	70.3625	65.2000	652	
TD1004	24	1075-02D	100	68.8845	68.9509	66.4000	664	

LCS Concentration: 1000 mg/L MDL(mg/L): 5 Initial Reading by: MJM

SOP: EMAX160.1 Rev. 3 RL (mg/L): 10 Final Reading by: MJM

COMMENTS

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/10/10 8:52	200.05	9/10/10 8:53	200.06	9/10/10 8:53	199.8	200.2	200g Check Passed
10203192	31116	100	100	9/10/10 8:52	100.04	9/10/10 8:53	100.02	9/10/10 8:54	99.9	100.1	100g Check Passed
10203192	31116	50	49.99	9/10/10 8:52	49.99	9/10/10 8:53	49.99	9/10/10 8:54	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/10/10 8:52	30.01	9/10/10 8:53	30.02	9/10/10 8:54	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/10/10 8:53	1	9/10/10 8:53	1	9/10/10 8:54	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/10/10 8:56	200	9/10/10 8:57	200	9/10/10 8:57	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/10/10 8:56	100	9/10/10 8:57	100.01	9/10/10 8:57	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/10/10 8:56	49.99	9/10/10 8:57	50	9/10/10 8:57	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/10/10 8:56	30	9/10/10 8:57	30	9/10/10 8:57	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/10/10 8:57	1	9/10/10 8:57	1	9/10/10 8:58	0.999	1.001	1g Check Passed
40706360	31116	150	149.9938	9/10/10 9:01	149.9938	9/10/10 9:02	149.9938	9/10/10 9:03	149.85	150.15	150g Check Passed
40706360	31116	100	99.9956	9/10/10 9:01	99.9956	9/10/10 9:02	99.9957	9/10/10 9:03	99.9	100.1	100g Check Passed
40706360	31116	50	49.998	9/10/10 9:01	49.9981	9/10/10 9:02	49.9982	9/10/10 9:04	49.95	50.05	50g Check Passed
40706360	31116	30	29.9986	9/10/10 9:01	29.9988	9/10/10 9:03	29.9982	9/10/10 9:04	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/10/10 9:02	0.9999	9/10/10 9:03	1	9/10/10 9:04	0.999	1.001	1g Check Passed
10601202	31116	200	200.001	9/10/10 9:06	200.003	9/10/10 9:07	199.995	9/10/10 9:08	199.8	200.2	200g Check Passed
10601202	31116	100	100.004	9/10/10 9:06	99.995	9/10/10 9:07	99.994	9/10/10 9:08	99.9	100.1	100g Check Passed
10601202	31116	50	50.005	9/10/10 9:06	49.997	9/10/10 9:07	49.999	9/10/10 9:08	49.95	50.05	50g Check Passed
10601202	31116	30	30.006	9/10/10 9:06	29.996	9/10/10 9:07	30.004	9/10/10 9:08	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/10/10 9:07	1.001	9/10/10 9:07	1	9/10/10 9:08	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-10-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Acceptance Limit : ± 0.1%

Bal. Checked by: CS

Date: 9/10/10

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.07	9/9/10 8:42	200.06	9/9/10 8:43	200.05	9/9/10 8:44	199.8	200.2	200g Check Passed
10203192	31116	100	100.07	9/9/10 8:42	100	9/9/10 8:43	100.02	9/9/10 8:44	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/9/10 8:42	50.01	9/9/10 8:43	50.02	9/9/10 8:44	49.95	50.05	50g Check Passed
10203192	31116	30	30.02	9/9/10 8:42	29.99	9/9/10 8:43	29.97	9/9/10 8:44	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/9/10 8:43	1	9/9/10 8:44	1	9/9/10 8:45	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/9/10 8:52	199.99	9/9/10 8:52	199.99	9/9/10 8:53	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/9/10 8:52	100	9/9/10 8:52	100	9/9/10 8:53	99.9	100.1	100g Check Passed
10304418	31116	50	49.99	9/9/10 8:52	50	9/9/10 8:52	50	9/9/10 8:53	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/9/10 8:52	30.01	9/9/10 8:52	30.01	9/9/10 8:53	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/9/10 8:52	1	9/9/10 8:52	1	9/9/10 8:53	0.999	1.001	1g Check Passed
40706360	31116	150	149.9928	9/9/10 8:55	149.993	9/9/10 8:56	149.993	9/9/10 8:57	149.85	150.15	150g Check Passed
40706360	31116	100	99.9951	9/9/10 8:55	99.9951	9/9/10 8:56	99.9952	9/9/10 8:57	99.9	100.1	100g Check Passed
40706360	31116	50	49.9977	9/9/10 8:55	49.9979	9/9/10 8:56	49.9979	9/9/10 8:58	49.95	50.05	50g Check Passed
40706360	31116	30	29.9984	9/9/10 8:55	29.9986	9/9/10 8:56	29.9986	9/9/10 8:58	29.97	30.03	30g Check Passed
40706360	31116	1	0.9997	9/9/10 8:55	0.9998	9/9/10 8:57	1.0007	9/9/10 8:58	0.999	1.001	1g Check Passed
10601202	31116	200	199.995	9/9/10 9:02	199.992	9/9/10 9:03	199.993	9/9/10 9:04	199.8	200.2	200g Check Passed
10601202	31116	100	99.993	9/9/10 9:02	100	9/9/10 9:03	99.993	9/9/10 9:04	99.9	100.1	100g Check Passed
10601202	31116	50	49.995	9/9/10 9:02	49.992	9/9/10 9:03	49.998	9/9/10 9:04	49.95	50.05	50g Check Passed
10601202	31116	30	30.001	9/9/10 9:02	29.996	9/9/10 9:03	29.998	9/9/10 9:04	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/9/10 9:02	1	9/9/10 9:03	1.001	9/9/10 9:04	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-9-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/9/10

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

CASE NARRATIVE

Client : INSIGHT REC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101075

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of two (2) water samples were received on 09/07/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RES.LTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HS100WB	ND	1	NA	1.00	0.400	09/07/1017:48	NA	HSI03101	NA	HSIC01W	NA	NA
MW-7C-PMW04A-A10	1075-01	ND	1	NA	1.00	0.400	09/07/1019:16	NA	HSI03116	NA	HSIC01W	09/07/1010:35	09/07/10
MW-7C-PMW04B-A10	1075-02	ND	1	NA	1.00	0.400	09/07/1019:20	NA	HSI03117	NA	HSIC01W	09/07/1011:50	09/07/10
MW-7C-PMW04B-A10DUP	1075-02D	ND	1	NA	1.00	0.400	09/07/1019:25	NA	HSI03118	NA	HSIC01W	09/07/1011:50	09/07/10

EMAX QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
METHOD: METHOD 4500-S
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 101075 DATE RECEIVED: 09/07/10
SAMPLE ID: NW-70-PMW046-A100UP DATE EXTRACTED: NA
CONTROL NO.: 1075-023 DATE ANALYZED: 09/07/10 19:25

ACCESSION:

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Hydrogen Sulfide	ND	ND	0	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HSI 001

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☑ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWI-01-167	6.79
Spike	NA	
$Na_2S_2O_3$ Standard	SWRI-01-263	0.025N
Iodine	SWRI-01-234B	0.025N
HCl	SWPI-05-174	1:1
Indicator	SWRI-01-247	-

Analyzed By: MJM

Date: 9/7/10

E-3 QC

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HS1001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titrant V_t (ml)	Analysis Date mm/dd/yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag	Unit
HS10011	HS1001WB	100	5	4.8	09/07/10	17:48:18	0.36	0.36	0000	mg/L
HS10012	HS1001WL	100	5	3.55	09/07/10	17:59:08	5.8	5.8		mg/L
HS10013	HS1001WC	100	5	3.6	09/07/10	18:03:19	5.6	5.6		mg/L
HS10014	H661-09	100	5	4.75	09/07/10	18:08:50	1	1	9999	mg/L
HS10015	H661-10	100	5	3.64	09/07/10	18:12:20	5.44	5.44		mg/L
HS10016	I019-02	100	5	4.58	09/07/10	18:16:50	1.68	1.68	1.68	mg/L
HS10017	I019-03	100	5	4.8	09/07/10	18:31:21	0.5	0.5	0000	mg/L
HS10018	I019-04	100	5	4.8	09/07/10	18:36:03	0.5	0.5	0000	mg/L
HS10019	I043-02	100	5	4.91	09/07/10	18:42:31	0.35	ND		mg/L
HS10110	I043-03	100	5	4.81	09/07/10	18:47:59	0.76	0.76	0000	mg/L
HS10111	I043-04	100	5	4.78	09/07/10	18:52:41	0.88	0.88	9999	mg/L
HS10112	I043-05	100	5	4.76	09/07/10	18:57:02	0.96	0.96	0000	mg/L
HS10113	I066-04	100	5	4.79	09/07/10	19:04:25	0.84	0.84	9999	mg/L
HS10114	I066-05	100	5	4.76	09/07/10	19:07:49	0.96	0.96	0000	mg/L
HS10115	I066-06	100	5	4.75	09/07/10	19:11:31	1	1	9999	mg/L
HS10116	I075-01	100	5	4.82	09/07/10	19:16:04	0.72	0.72	9999	mg/L
HS10117	I075-02	100	5	4.8	09/07/10	19:20:51	0.8	0.8	0000	mg/L
HS10118	I075-02D	100	5	4.8	09/07/10	19:25:40	0.8	0.8	0000	mg/L

STANDARDIZATION				
V_s (ml)	V_{name} (ml)	DATE	TIME	Titrant $Na_2S_2O_3$ (N)
Average Normality of Iodine (N)=				0.025

☑ Standard Purchased as Certified Solution

$$N_s = \frac{(N * V)_{Na_2S_2O_3}}{V_s}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER / SOIL]	6.75	444	mg/L / mg/Kg
MDL [WATER / SOIL]	0.4	10	mg/L / mg/Kg
RL	2	20	mg/L / mg/Kg

$$S(mg/L) = \frac{[(V_s * N_s) - (V_t * N_t)](16000)}{V_s}$$

MS/MSD:	TV=	6.39	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: DTV

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2 II

Analytical Batch: HSI001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HSI0011	HSI001WB	0.76	mg/L	9/7/10 17:48	25			[illegible]	mg/L	
HSI0012	HSI001WL	5.8	mg/l	9/7/10 17:59	25			#VALUE!	mg/L	
HSI0013	HSI001WC	5.6	mg/L	9/7/10 18:05	25			#VALUE!	mg/L	
HSI0014	H661-09	1	mg/L	9/7/10 18:08	25	8.99	38000	0.42	mg/L	
HSI0015	H661-10	5.44	mg/l	9/7/10 18:12	25	7.37	5140	1.32	mg/L	
HSI0016	I019-02	1.68	mg/L	9/7/10 18:16	25	7.14	23400	0.57	mg/L	
HSI0017	I019-03	0.8	mg/L	9/7/10 18:31	25	7.19	7510	0.26	mg/L	
HSI0018	I019-04	0.8	mg/L	9/7/10 18:36	25	7.18	7600	0.26	mg/L	
HSI0019	I043-02	ND	mg/L	9/7/10 18:42	25	6.66	1860	ND	mg/L	
HSI00110	I043-03	0.76	mg/L	9/7/10 18:47	25	7.71	1500	0.1	mg/L	
HSI00111	I043-04	0.88	mg/L	9/7/10 18:52	25	7.76	1500	0.11	mg/l	
HSI00112	I043-05	0.96	mg/L	9/7/10 18:57	25	7.74	1660	0.12	mg/l	
HSI00113	I066-04	0.84	mg/L	9/7/10 19:04	25	7.69	2350	0.12	mg/L	
HSI00114	I066-05	0.96	mg/L	9/7/10 19:07	25	7.85	1700	0.1	mg/L	
HSI00115	I066-06	1	mg/L	9/7/10 19:11	25	7.06	2330	0.41	mg/L	
HSI00116	I075-01	0.72	mg/L	9/7/10 19:16	25	7.51	1710	0.15	mg/L	
HSI00117	I075-02	0.8	mg/L	9/7/10 19:20	25	7.93	1070	0.07	mg/L	
HSI00118	I075-02D	0.8	mg/L	9/7/10 19:25	25	7.92	1090	0.07	mg/L	

MM 9/7/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277\times10^{-3}T + 5.399\times10^{-6}T^2$$

$$I = 1.6\times10^{-5}\,Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m}$$

$$H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: MMM

Reviewed by: MMM

Date: 9/7/10

Where: T(°K) = T(°C)+273.15; pK1=dissociation constant for zero ionic strength; A = Debye Hückel Parameter; I= Ionic Strength; pfm=negative logarithm of the monovalent ion activity coefficient; K'1= conditional ionization constant; H+ =Hydrogen ion concentration; ST=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I075

METHOD SM5310B
TOC

A total of two (2) water samples were received on 09/07/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCI004WL/C were all within QC limits.
Percent recoveries for TCI005WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I075-02M/S were within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101075

Matrix : WATER
Instrument ID : I62

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1005WB	ND	1	NA	1.00	0.500	09/14/1019:26	NA	TC1003-05	TC1003-02	TC1005W	NA	NA
LCS1W	TC1005WA	25.0	1	NA	1.00	0.500	09/14/1019:39	NA	TC1003-06	TC1003-02	TC1005W	NA	NA
LCD1W	TC1005WC	25.1	1	NA	1.00	0.500	09/14/1019:52	NA	TC1003-07	TC1003-02	TC1005W	NA	NA
MW-70-PMW04B-A10	1075-02R	1.04	1	NA	1.00	0.500	09/14/1020:03	NA	TC1003-08	TC1003-02	TC1005W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10DUP	1075-02Z	0.915J	1	NA	1.00	0.500	09/14/1020:13	NA	TC1003-09	TC1003-02	TC1005W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MS	1075-02S	26.1	1	NA	1.00	0.500	09/14/1020:26	NA	TC1003-10	TC1003-02	TC1005W	09/07/1011:50	09/07/10
MW-70-PMW04B-A10MSD	1075-02H	26.1	1	NA	1.00	0.500	09/14/1020:39	NA	TC1003-11	TC1003-02	TC1005W	09/07/1011:50	09/07/10
LCS2W	TC1004WL	24.9	1	NA	1.00	0.500	09/10/1023:25	NA	TC1002-35	TC1002-26	TC1004W	NA	NA
LCD2W	TC1004WC	24.8	1	NA	1.00	0.500	09/10/1023:37	NA	TC1002-36	TC1002-26	TC1004W	NA	NA
MBLK2W	TC1004WB	ND	1	NA	1.00	0.500	09/10/1023:52	NA	TC1002-37	TC1002-26	TC1004W	NA	NA
MW-70-PMW04A-A10	1075-01	1.36	1	NA	1.00	0.500	09/10/1002:44	NA	TC1002-52	TC1002-59	TC1004W	09/07/1010:35	09/07/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1005WB TC1005WL TC1005WC
LAB FILE ID: TC1003-05 TC1003-06 TC1003-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/1019:26 09/14/1019:39 09/14/1019:52 DATE RECEIVED: NA
PREP. BATCH: TC1005W TC1005W TC1005W
CALIB. REF: TC1003-02 TC1003-02 TC1003-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMITS (%)	MAX RPD (%)
TOC	ND	25.0	25.0	100	25.0	25.1	100	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: TC1004W9 TC1004WL TC1004WC
LAB FILE ID: TC1002-37 TC1002-35 TC1002-36
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/13/1323:52 09/10/1023:25 09/10/1023:37 DATE RECEIVED: NA
PREP. BATCH: TC1004W TC1004W TC1004W
CALIB. REF: TC1002-26 TC1002-26 TC1002-26

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.9	100	25.0	24.8	99	0	85-115	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101075
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MW-70-PMWC4B-A10
LAB SAMP ID: 1075-02R 1075-02G 1075-02H
LAB FILE ID: TC1003-08 TC1003-10 TC1003-11
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/14/1020:03 09/14/1020:26 09/14/1020:39 DATE RECEIVED: 09/07/10
PREP. BATCH: TC1005W TC1005W TC1005W
CALIB. REF: TC1003-02 TC1003-02 TC1003-02

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	1.04	25.0	26.1	100	25.0	26.1	100	0	75-125	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101075
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW049-A10
EMAX SAMP ID: 1075-C2R 1075-02Z
LAB FILE ID: TC1003-08 TC1003-09
DATE EXTRACTED: NA NA DATE COLLECTED: 09/07/10 11:50
DATE ANALYZED: 09/14/1020:03 09/14/1020:13 DATE RECEIVED: 09/07/10
PREP. BATCH: TC1005W TC1005W
CALIB. REF: TC1C03-C2 TC1003-02

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TOC	1.04	0.915J	NA	20

ANALYSIS RUN LOG
for
TOC

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

stand (date & time) 9/10/10 5:38

read (date & time) 9/10/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W / TCI004W

TCI003W / TCI004W

10H344-08

10H337-03

10I019-01

10H661-01,02,08

10I053-01,03

10I043-01 → 05

10I032-01

10I066-01 → 06

10I062-01,02

10I029-01 → 08

10I015-01,02

10I041-01 → 04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3	↓	10
S4	↓	40
S5	↓	80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	0A-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	0A-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	0A-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	0A-123456	C:\Pro	1.000	NPOC:24.87 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	0A-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	0A-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	0A-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	0A-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	0A-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	0A-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	0A-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	0A-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	0A-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	0A-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	0A-123456	C:\Pro	1.000	NPOC:~~0.344~~ mg/L	1.55 mg/L
18	Unknown	NPOC	10I053-01M	TCI002-18	0A-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	0A-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	0A-123456	C:\Pro	1.000	NPOC:1.389 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	0A-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	0A-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	0A-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	0A-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	0A-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	0A-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	0A-123456	C:\Pro	1.000	NPOC:0.05246 mg/L	
28	Unknown	NPOC	10I032-01	TCI002-28	0A-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	0A-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	0A-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	0A-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	0A-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	0A-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	0A-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	0A-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	0A-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	0A-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	0A-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	0A-123456	C:\Pro	1.000	NPOC:0.09060 mg/L	
40	Unknown	NPOC	10I062-01	TCI002-40	0A-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	0A-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	0A-123456	C:\Pro	1.000	NPOC:~~0.7145~~ mg/L	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	0A-123456	C:\Pro	1.000	NPOC:~~0.5064~~ mg/L	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	0A-123456	C:\Pro	1.000	NPOC:~~0.6224~~ mg/L	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	0A-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	0A-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	0A-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	0A-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	0A-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	0A-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	0A-123456	C:\Pro	1.000	NPOC:0.08001 mg/L	
52	Unknown	NPOC	10I075-01	TCI002-52	0A-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	0A-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	0A-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	0A-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	0A-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	0A-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	0A-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	0A-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	0A-123456	C:\Pro	1.000	NPOC:0.07807 mg/L	
63									
64									
65									
66									
67									

FINAL

09/13/10 09:26:36 AM

8110

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	10mg

Cal. Curve

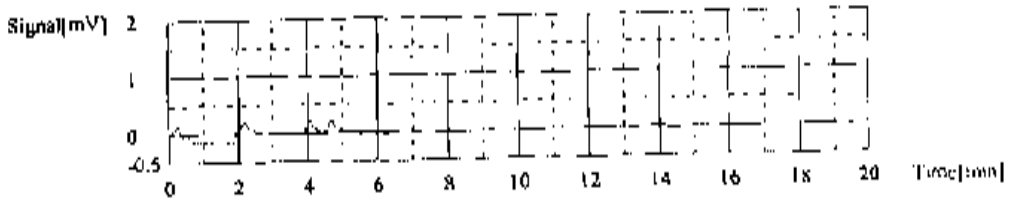
Sample Name:	ICAL
Sample ID:	TCI002-01
Cal. Curve:	TCI002-2010_09_10_15_30_26.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/10/10 03:38:37 PM
2	0.000	50uL	1	------		09/10/10 03:40:43 PM
3	0.2270	50uL	1	------		09/10/10 03:41:40 PM
4	0.000	50uL	1	------		09/10/10 03:43:36 PM

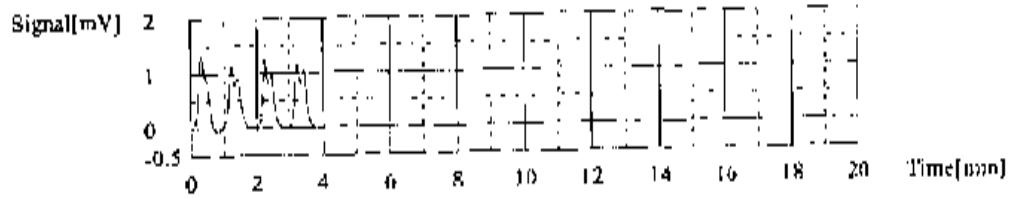
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.05680



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.353	50uL	10	------		09/10/10 03:51:42 PM
2	2.308	50uL	10	------		09/10/10 03:52:57 PM
3	2.326	50uL	10	------		09/10/10 03:54:06 PM
4	2.370	50uL	10	------		09/10/10 03:55:17 PM

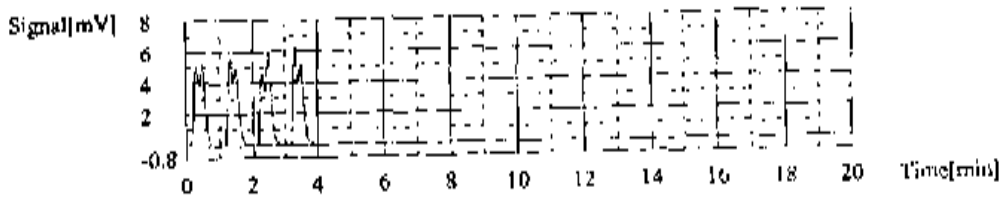
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.339



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.62	50uL	2	------		09/10/10 04:01:34 PM
2	10.85	50uL	2	------		09/10/10 04:02:45 PM
3	11.03	50uL	2	------		09/10/10 04:03:54 PM
4	10.90	50uL	2	------		09/10/10 04:05:07 PM

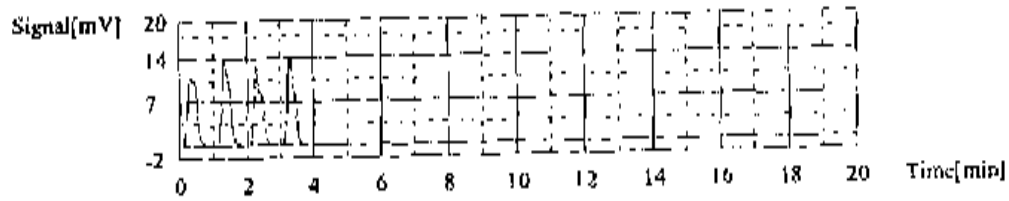
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.85



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.08	50uL	1	******		09/10/10 04:10:41 PM
2	21.57	50uL	1	******		09/10/10 04:11:40 PM
3	21.32	50uL	1	******		09/10/10 04:13:08 PM
4	21.45	50uL	1	******		09/10/10 04:14:11 PM

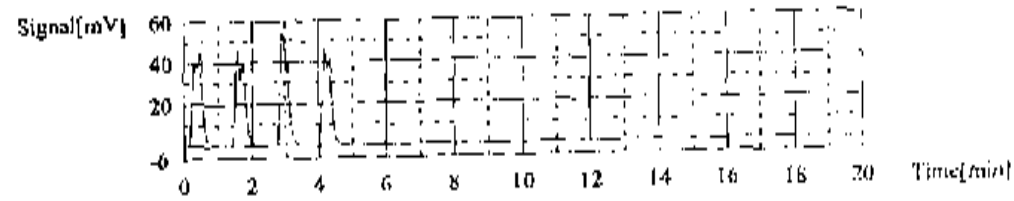
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.36



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	84.53	50uL	2	******		09/10/10 04:22:38 PM
2	84.83	50uL	2	******		09/10/10 04:24:11 PM
3	85.83	50uL	2	******		09/10/10 04:25:38 PM
4	85.03	50uL	2	******		09/10/10 04:27:07 PM

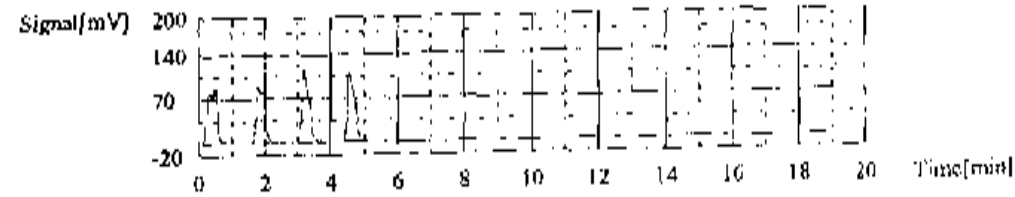
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06



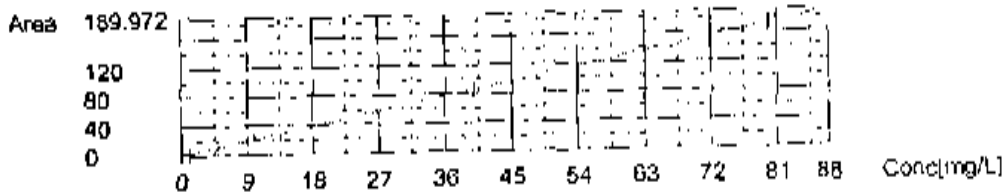
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	172.2	50uL	1	******		09/10/10 04:33:09 PM
2	173.1	50uL	1	******		09/10/10 04:34:46 PM
3	174.2	50uL	1	******		09/10/10 04:36:20 PM
4	173.1	50uL	1	******		09/10/10 04:37:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope 2.159
Intercept 0.000
r^2 0.999920



Control Sample

Sample Name: ICV
Sample ID: TCI002-02
Method: TCI002.tpl
Chk. Result: Control value: 24.82 / Control exceeds range!

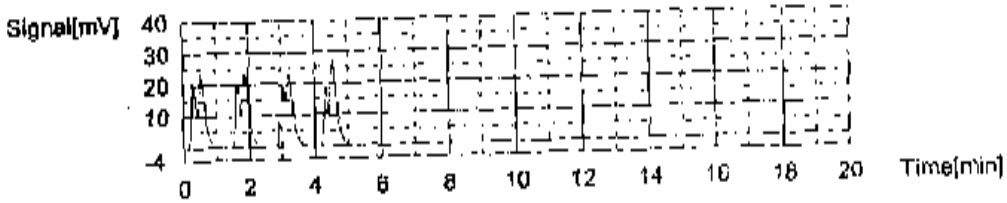
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.82 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.83	24.94mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:34 PM
3	53.62	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area: 53.58
Mean Conc.: 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002-03
Origin: TCI002.cal
Chk. Result

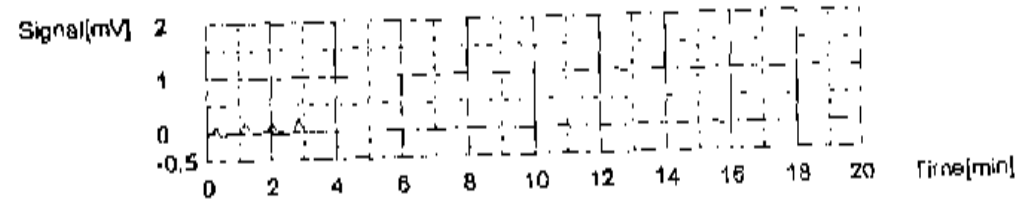
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1316 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.3595	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1219mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:02 PM
3	0.2563	0.1401mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1690mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:06 PM

Mean Area: 0.2840
Mean Conc.: 0.1316mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/14/10 17:41

end (date & time) 9/15/10 04:44

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI003
Method File:	TCI003
Analytical Batch:	TCI005W/TCI006W

TCI005W/TCI006W:

10I075-03

10I066-01,02

10I091-03

10I436-01

10I118-01→07,09

10I097-09,11,12,14

10I148-01→04

10I734-01

10I128-01,03,05,07,09,11,13,15,19

10I197-02→10

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-03-321	1
S2	↓	5
S3	↓	10
S4	↓	40
S5	↓	80
S6	—	—
ICV/LCS	SW10B-03-326	25
CCV	SW10B-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: Am

Date: 9/14/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI003-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI003-02	0A-123456	C:\Pro	1.000	NPOC:25.04 mg/L	
3	Unknown	NPOC	ICB	TCI003-03	0A-123456	C:\Pro	1.000	NPOC:0.08318 mg/	
4	Unknown	NPOC	HCO3/CO3	TCI003-04	0A-123456	C:\Pro	1.000	NPOC:0.3205 mg/L	
5	Unknown	NPOC	TCI005WB	TCI003-05	0A-123456	C:\Pro	1.000	NPOC:0.05330 mg/	
6	Unknown	NPOC	TCI005WL	TCI003-06	0A-123456	C:\Pro	1.000	NPOC:25.05 mg/L	
7	Unknown	NPOC	TCI005WC	TCI003-07	0A-123456	C:\Pro	1.000	NPOC:25.11 mg/L	
8	Unknown	NPOC	10I075-02R	TCI003-08	0A-123456	C:\Pro	1.000	NPOC:1.041 mg/L	
9	Unknown	NPOC	10I075-02Z	TCI003-09	0A-123456	C:\Pro	1.000	NPOC:0.9151 mg/L	
10	Unknown	NPOC	10I075-02G	TCI003-10	0A-123456	C:\Pro	1.000	NPOC:26.06 mg/L	
11	Unknown	NPOC	10I075-02H	TCI003-11	0A-123456	C:\Pro	1.000	NPOC:26.11 mg/L	
12	Unknown	NPOC	10I066-01T	TCI003-12	0A-123456	C:\Pro	10.00	NPOC:897.6 mg/L	DF=10
13	Unknown	NPOC	10I066-02T	TCI003-13	0A-123456	C:\Pro	10.00	NPOC:896.8 mg/L	DF=10
14	Control	NPOC	CCV1	TCI003-14	0A-123456	C:\Pro	1.000	NPOC:25.46 mg/L	
15	Unknown	NPOC	CCB1	TCI003-15	0A-123456	C:\Pro	1.000	NPOC:0.1378 mg/l	
16	Unknown	NPOC	10I091-03T	TCI003-16	0A-123456	C:\Pro	5.000	NPOC:105.9 mg/L	DF=5
17	Unknown	NPOC	10I436-01	TCI003-17	0A-123456	C:\Pro	1.000	NPOC:24.04 mg/L	PH<2
18	Unknown	NPOC	10I118-01	TCI003-18	0A-123456	C:\Pro	1.000	NPOC:0.6647 mg/L	PH<2
19	Unknown	NPOC	10I118-02	TCI003-19	0A-123456	C:\Pro	1.000	NPOC:0.9783 mg/L	PH<2
20	Unknown	NPOC	10I118-03	TCI003-20	0A-123456	C:\Pro	1.000	NPOC:13.45 mg/L	PH<2
21	Unknown	NPOC	10I118-04	TCI003-21	0A-123456	C:\Pro	1.000	NPOC:1.469 mg/L	PH<2
22	Unknown	NPOC	10I118-05	TCI003-22	0A-123456	C:\Pro	1.000	NPOC:1.105 mg/L	PH<2
23	Unknown	NPOC	10I118-06	TCI003-23	0A-123456	C:\Pro	1.000	NPOC:1.582 mg/L	PH<2
24	Unknown	NPOC	10I118-07	TCI003-24	0A-123456	C:\Pro	1.000	NPOC:1.977 mg/L	PH<2
25	Unknown	NPOC	10I118-09	TCI003-25	0A-123456	C:\Pro	1.000	NPOC:8.521 mg/L	PH<2
26	Control	NPOC	CCV2	TCI003-26	0A-123456	C:\Pro	1.000	NPOC:25.08 mg/L	
27	Unknown	NPOC	CCB2	TCI003-27	0A-123456	C:\Pro	1.000	NPOC:0.09560 mg/	
28	Unknown	NPOC	10I097-09	TCI003-28	0A-123456	C:\Pro	1.000	NPOC:31.65 mg/L	PH<2
29	Unknown	NPOC	10I097-11	TCI003-29	0A-123456	C:\Pro	1.000	NPOC:68.47 mg/L	PH<2
30	Unknown	NPOC	10I097-12	TCI003-30	0A-123456	C:\Pro	1.000	NPOC:23.72 mg/L	PH<2
31	Unknown	NPOC	10I097-14	TCI003-31	0A-123456	C:\Pro	1.000	NPOC:6.935 mg/L	PH<2
32	Unknown	NPOC	10I148-01	TCI003-32	0A-123456	C:\Pro	1.000	NPOC:~~1.471~~ mg/L	PH<2
33	Unknown	NPOC	10I148-02	TCI003-33	0A-123456	C:\Pro	1.000	NPOC:~~2.166~~ mg/L	PH<2
34	Unknown	NPOC	10I148-03	TCI003-34	0A-123456	C:\Pro	1.000	NPOC:2.382 mg/L	PH<2
35	Unknown	NPOC	TCI006WL	TCI003-35	0A-123456	C:\Pro	1.000	NPOC:25.69 mg/L	
36	Unknown	NPOC	TCI006WC	TCI003-36	0A-123456	C:\Pro	1.000	NPOC:25.35 mg/L	
37	Unknown	NPOC	TCI006WB	TCI003-37	0A-123456	C:\Pro	1.000	NPOC:0.2563 mg/L	
38	Control	NPOC	CCV3	TCI003-38	0A-123456	C:\Pro	1.000	NPOC:25.22 mg/L	
39	Unknown	NPOC	CCB3	TCI003-39	0A-123456	C:\Pro	1.000	NPOC:0.04009 mg/	
40	Unknown	NPOC	10I148-04	TCI003-40	0A-123456	C:\Pro	1.000	NPOC:~~1.519~~ mg/L	PH<2
41	Unknown	NPOC	10I734-01	TCI003-41	0A-123456	C:\Pro	1.000	NPOC:23.30 mg/L	PH<2
42	Unknown	NPOC	10I128-01	TCI003-42	0A-123456	C:\Pro	1.000	NPOC:38.92 mg/L	PH<2
43	Unknown	NPOC	10I128-01M	TCI003-43	0A-123456	C:\Pro	1.000	NPOC:58.32 mg/L	
44	Unknown	NPOC	10I128-01S	TCI003-44	0A-123456	C:\Pro	1.000	NPOC:62.73 mg/L	
45	Unknown	NPOC	10I128-03	TCI003-45	0A-123456	C:\Pro	1.000	NPOC:32.00 mg/L	PH<2
46	Unknown	NPOC	10I128-05	TCI003-46	0A-123456	C:\Pro	1.000	NPOC:79.80 mg/L	PH<2
47	Unknown	NPOC	10I128-07	TCI003-47	0A-123456	C:\Pro	1.000	NPOC:53.76 mg/L	PH<2
48	Unknown	NPOC	10I128-09	TCI003-48	0A-123456	C:\Pro	1.000	NPOC:40.42 mg/L	PH<2
49	Unknown	NPOC	10I128-11	TCI003-49	0A-123456	C:\Pro	1.000	NPOC:26.43 mg/L	PH<2
50	Control	NPOC	CCV4	TCI003-50	0A-123456	C:\Pro	1.000	NPOC:26.49 mg/L	
51	Unknown	NPOC	CCB4	TCI003-51	0A-123456	C:\Pro	1.000	NPOC:0.2558 mg/L	
52	Unknown	NPOC	10I128-13	TCI003-52	0A-123456	C:\Pro	1.000	NPOC:44.86 mg/L	PH<2
53	Unknown	NPOC	10I128-15	TCI003-53	0A-123456	C:\Pro	1.000	NPOC:62.20 mg/L	PH<2
54	Unknown	NPOC	10I128-19	TCI003-54	0A-123456	C:\Pro	1.000	NPOC:46.43 mg/L	PH<2
55	Unknown	NPOC	10I147-02	TCI003-55	0A-123456	C:\Pro	1.000	NPOC:62.78 mg/L	PH<2
56	Unknown	NPOC	10I147-03	TCI003-56	0A-123456	C:\Pro	1.000	NPOC:27.59 mg/L	PH<2
57	Unknown	NPOC	10I147-04	TCI003-57	0A-123456	C:\Pro	1.000	NPOC:29.52 mg/L	PH<2
58	Unknown	NPOC	10I147-05	TCI003-58	0A-123456	C:\Pro	1.000	NPOC:49.46 mg/L	PH<2
59	Unknown	NPOC	10I147-07	TCI003-59	0A-123456	C:\Pro	1.000	NPOC:17.48 mg/L	PH<2
60	Unknown	NPOC	10I147-07D	TCI003-60	0A-123456	C:\Pro	1.000	NPOC:24.24 mg/L	
61	Unknown	NPOC	10I147-07M	TCI003-61	0A-123456	C:\Pro	1.000	NPOC:50.78 mg/L	
62	Control	NPOC	CCV5	TCI003-62	0A-123456	C:\Pro	1.000	NPOC:25.82 mg/L	
63	Unknown	NPOC	CCB5	TCI003-63	0A-123456	C:\Pro	1.000	NPOC:0.2552 mg/L	
64	Unknown	NPOC	10I147-06	TCI003-64	0A-123456	C:\Pro	1.000	NPOC:34.60 mg/L	PH<2
65	Unknown	NPOC	10I147-08	TCI003-65	0A-123456	C:\Pro	1.000	NPOC:11.28 mg/L	PH<2
66	Unknown	NPOC	10I147-09	TCI003-66	0A-123456	C:\Pro	1.000	NPOC:103.3 mg/L	PH<2
67	Unknown	NPOC	10I147-10	TCI003-67	0A-123456	C:\Pro	1.000	NPOC:106.8 mg/L	PH<2

RR B

FR
RC

1/3

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
68	Control	NPOC	CCV6	TCI003-68	0A-123456	C:\Pro	1.000	NPOC:26.41 mg/L	
69	Unknown	NPOC	CCB6	TCI003-69	0A-123456	C:\Pro	1.000	NPOC:0.3055 mg/L	
70									
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AM 9/15/10

09/15/10 01:52:48 PM

Instr.Information

System	TOC
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

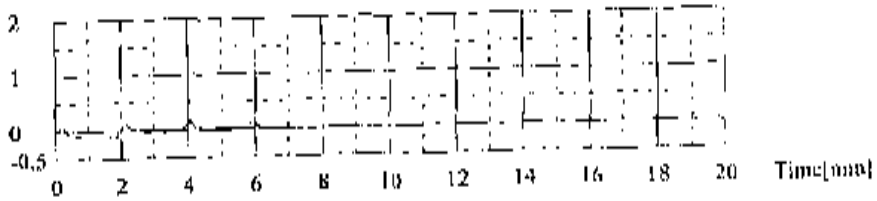
Sample Name:	ICAL
Sample ID:	TCI003-01
Cal. Curve:	TCI003.2010_09_14_17_32_54.cal

Type	Anal.
Standard	NPOC

Conc. 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/14/10 05:41:05 PM
2	0.000	50uL	1	------		09/14/10 05:43:11 PM
3	0.000	50uL	1	------		09/14/10 05:45:17 PM
4	0.000	50uL	1	------		09/14/10 05:47:23 PM

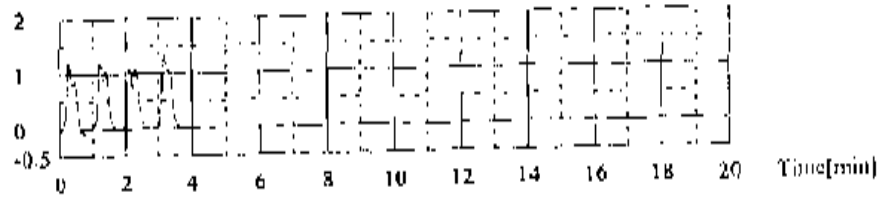
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.000



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.115	50uL	10	------		09/14/10 05:55:31 PM
2	2.279	50uL	10	------		09/14/10 05:56:37 PM
3	2.272	50uL	10	------		09/14/10 05:57:51 PM
4	2.347	50uL	10	------		09/14/10 05:59:03 PM

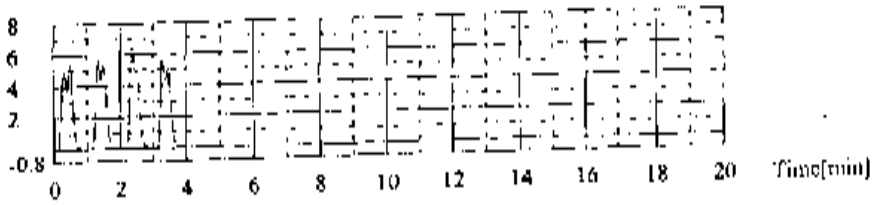
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.252



Conc. 5.000mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.62	50uL	2	------		09/14/10 06:05:21 PM
2	10.78	50uL	2	------		09/14/10 06:06:34 PM
3	10.90	50uL	2	------		09/14/10 06:07:42 PM
4	10.77	50uL	2	------		09/14/10 06:08:52 PM

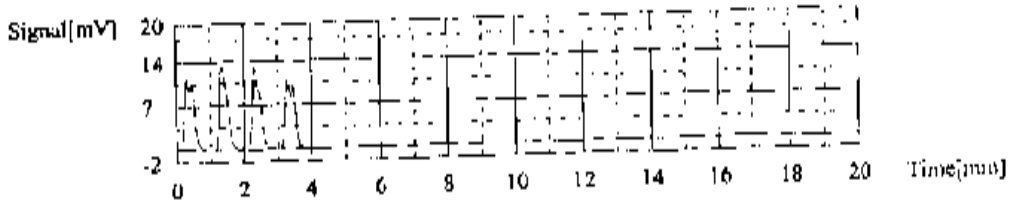
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.76



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.02	50uL	1	------		09/14/10 06:14:20 PM
2	21.49	50uL	1	------		09/14/10 06:15:38 PM
3	21.33	50uL	1	------		09/14/10 06:16:49 PM
4	21.41	50uL	1	------		09/14/10 06:18:07 PM

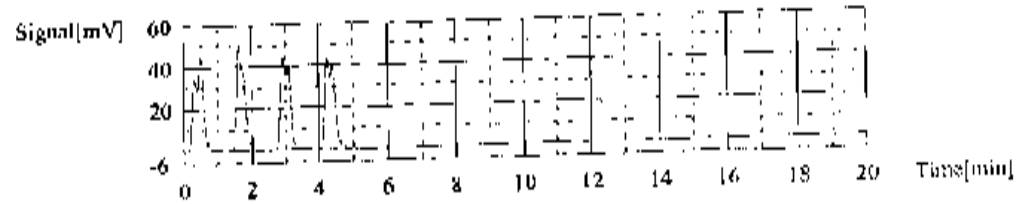
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.31



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.53	50uL	2	------		09/14/10 06:26:31 PM
2	85.07	50uL	2	------		09/14/10 06:28:02 PM
3	84.97	50uL	2	------		09/14/10 06:29:35 PM
4	84.65	50uL	2	------		09/14/10 06:31:07 PM

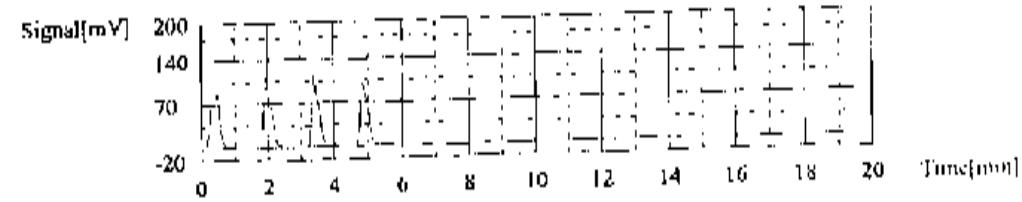
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 84.56



Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	171.9	50uL	1	------		09/14/10 06:37:19 PM
2	172.7	50uL	1	------		09/14/10 06:38:58 PM
3	174.0	50uL	1	------		09/14/10 06:40:37 PM
4	170.4	50uL	1	------		09/14/10 06:42:19 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 172.2



Slope 2.148
Intercept 0.000
r^2 0.999919

Control Sample

Sample Name: ICV
Sample ID: TCI003-02
Method: TCI003.1pl
Chk. Result: Control value: 25.04 / Control exceeds range!

Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.04 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Fx.	Cal. Curve	Date / Time
1	53.49	24.91mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 06:50:29 PM
2	53.90	25.10mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 06:52:00 PM
3	54.09	25.17mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 06:53:46 PM
4	53.53	24.97mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 06:55:23 PM

Mean Area: 53.77
Mean Conc.: 25.04mg/L

Sample

Sample Name: ICB
Sample ID: TCI003-03
Origin: TCI003.cal
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.08318 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Fx.	Cal. Curve	Date / Time
1	0.1049	0.0905mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 07:02:42 PM
2	0.1631	0.07595mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 07:03:30 PM
3	0.1452	0.08701mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 07:04:19 PM
4	0.2163	0.09839mg/L	50uL	1		TCI003.2010_09_14_17_32_54.cal	09/14/10 07:05:17 PM

Mean Area: 0.1780
Mean Conc.: 0.08318mg/L

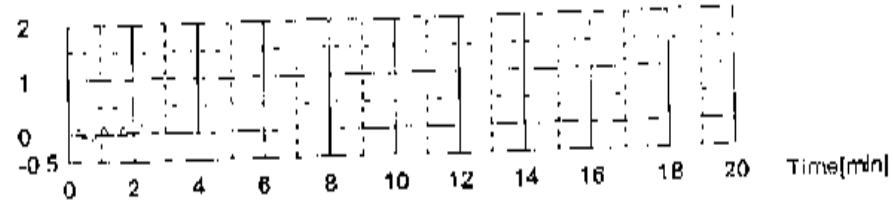


TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I091**

SECTION		PAGE
Cover Letter, COC/Sample Receipt Form		1000 – 1004
GC/MS-VOA	METHOD 5030B/8260B	2000 – 2044
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4034
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	METHOD 3010A/6010B	7000 – 7053
WET	METHOD 300.0	8000 – 8033
	METHOD 300.0 (M)	8034 – 8059
	METHOD 2320B	8060 – 8071
	METHOD 2540C	8072 – 8079
	METHOD 4500F	8080 – 8083
	METHOD SM5310B	8084 – 8098
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel. (310) 618-8889
Fax: (310) 618 0818

Date: 09-30-2010
EMAX Batch No.: 1D1091

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/08/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PMW05A-A10	1091-01	09/08/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW05B-A10	1091-02	09/08/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
IW-70-FSB108-A10	1091-03	09/08/10	WATER	ANIONS BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
1W-7D-FSB118-A10	1091-04	09/08/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-7D-MNA03-A10	1091 05	09/08/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
TB-9/8/10	1091-06	09/08/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-9818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.* 10J091
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@IGEO.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC
ADDRESS: 3010 E MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: Yu Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; W=Wipes; P=Pure Product; AR=Air; O=
PRESERVATIVE CODE: IC=Ice; HL=HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); PCBs/PTS/ALKALIN/WET (8082/1664/2320B, 2130B, 9040); TOC (5310B); DISS. HYDROCARBONS (8015B); DISS METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B)	DISS. GASES (RSK 175)	PCBs/PTS/ALKALIN/WET	TOC (5310B)	DISS. HYDROCARBONS (8015B)	DISS METALS (6010B)			COMMENTS
1	MW-70-PMW05A-A10	IR 70	9/8/10	0900	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X			
2	MW-70-PMW05B-A10			0938	10			GW	III	X	X	X	X	X	X			
3	IW-70-FSB108-A10			1032	8			GW	III	X	X	X	X					CT FENNSENT WELL
4	IW-70-FSB118-A10			1134	8			GW	III	X	X	X	X					
5	MW-70-MNA03-A10	IR 70		1325	6	40ml	VOA	GW	III	X	X							
6	TB-9/8/10	IR 70	9/8/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
7																		
8																		
9																		
10																		

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.2	

SAMPLER: CHASE BRADSON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/8/10	1517	Keith Stout
Keith Stout	9/8/10	1544	[signature]

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (not prior to 5 days (5 calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM I

Type of Delivery	Delivered By/Airbill	
☒ EMAX Courier	See COC	ECN 107091
☐ Client Delivery		Receipt J-LUNA
☐ Third Party		Date 9-8-10
		Time 1549

COC Inspection

☒ Client Name	☒ Client PM/FC	☒ Sampler Name	☒ Sampling Date/Time/Location	☒ Sample ID	☐ Matrix
☒ Address	☒ Tel #	☒ Courier Signature	☐ Analysis Required	☒ Preservative (if any)	☐ TAT

Safety Issues ☐ None ☐ High concentrations expected ☐ Suspected Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☒ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sealed Bag	☐ _
Temperatures (Cool, ≤6 °C but not frozen)	☒ Cooler 1 3.2 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling [signature] Date 9/8/10

SRF [signature] Date 9/8/10

PM LP for YG Date 9/9/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble >6mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I091

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of six (6) water samples were received on 09/08/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I08L/C were all within QC limits.
Percent recoveries for VO94I10L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in sample I091-01 because of improper integration. Hence, the original chromatogram was retained with the initialed and dated corrected chromatogram. Manual integration was concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE

VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10109[illegible]

Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-094

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094I08B	1	NA	09/10/1005:31	09/10/1005:31	RID164	RHD320	V094I08	Method Blank
LCS1W	V094I08L	1	NA	09/10/1003:03	09/10/1003:03	RID160	RHD320	V094I08	Lab Control Sample (LCS)
LCD1W	V094I08C	1	NA	09/10/1003:39	09/10/1003:39	RID161	RHD320	V094I08	LCS Duplicate
TB-9/8/10	I091-06	1	NA	09/10/1006:44	09/10/1006:44	RID166	RHD320	V094I08	Field Sample
MW-70-MW05A-A10	I091-01	1	NA	09/10/1007:21	09/10/1007:21	RID167	RHD320	V094I08	Field Sample
MW-70-MW05B-A10	I091-02	1	NA	09/10/1007:58	09/10/1007:58	RID168	RHD320	V094I08	Field Sample
IW-70-FSB10B-A10	I091-03	1	NA	09/10/1008:35	09/10/1008:35	RID169	RHD320	V094I08	Field Sample
IW-70-FSB11B-A10	I091-04	1	NA	09/10/1009:14	09/10/1009:14	RID170	RHD320	V094I08	Field Sample
MBLK2W	V094I10B	1	NA	09/13/1014:03	09/13/1014:03	RID208	RHD320	V094I10	Method Blank
LCS2W	V094I10L	1	NA	09/13/1011:32	09/13/1011:32	RID204	RHD320	V094I10	Lab Control Sample (LCS)
LCD2W	V094I10C	1	NA	09/13/1012:11	09/13/1012:11	RID205	RHD320	V094I10	LCS Duplicate
IW-70-FSB10B-A10DL	I091-03T	50	NA	09/13/1014:50	09/13/1014:50	RID209	RHD320	V094I10	Diluted Sample
MW-70-MWAC3-A10	I091-35R	1	NA	09/13/1016:04	09/13/1016:04	RID211	RHD320	V094I10	Field Sample

FN - Filename

% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/10/10 07:21
Sample ID:	MW-70-PMW05A-A10	Date Analyzed:	09/10/10 07:21
Lab Samp ID:	1091-01	Dilution Factor:	1
Lab File ID:	R1D167	Matrix	: WATER
Ext Btch ID:	V094I08	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: 1-D94

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.50
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	0.37J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	6.8	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.9J	1.0	0.20
TRICHLOROETHENE	1.6J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.1	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	96	70-140
4-BROMOFLUOROBENZENE	93	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/10/10 07:58
Sample ID:	MW-70-PMW058-A10	Date Analyzed:	09/10/10 07:58
Lab Samp ID:	1091-02	Dilution Factor:	1
Lab File ID:	R10168	Matrix	: WATER
Ext Btch ID:	V094108	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.21J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	2.1	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	4.5	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	3.2	1.0	0.20
TRICHLOROETHENE	0.99J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	52	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	94	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/10/10 08:35
Sample ID:	LW-70-FSB10B-A10	Date Analyzed:	09/10/10 08:35
Lab Samp ID:	1091-03	Dilution Factor:	1
Lab File ID:	RJ0169	Matrix	: WATER
Ext Batch ID:	VO94100	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1 DICHLOROETHENE	ND	0.50	0.20
1,1 DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	80	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	12	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	300	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	3.9	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.67J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	0.23J	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.5	1.0	0.20
TRICHLOROETHENE	0.38J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	170E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected	: 09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received	: 09/08/10
Batch No.	: 101091	Date Extracted	: 09/13/10 14:50
Sample ID	: IW-70-FS8108-A100L	Date Analyzed	: 09/13/10 14:50
Lab Samp ID	: 1091-03T	Dilution Factor	: 50
Lab File ID	: RID209	Matrix	: WATER
Ext Btch ID	: V094I10	% Moisture	: NA
Calib. Ref.	: RND320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	480J	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	ND	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	180	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	88	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/10/10 09:14
Sample ID:	IW-70-FSB118-A10	Date Analyzed:	09/10/10 09:14
Lab Samp ID:	1091-04	Dilution Factor:	1
Lab File ID:	R1D170	Matrix	: WATER
Ext Batch ID:	V094108	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	5.4J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.3	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.29J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.98J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.4	1.0	0.20
TRICHLOROETHENE	0.58J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	22	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/13/10 16:04
Sample ID:	MW-70-MWA03-A10	Date Analyzed:	09/13/10 16:04
Lab Samp ID:	1091-05R	Dilution Factor:	1
Lab File ID:	R10211	Matrix :	WATER
Ext Batch ID:	VD94110	% Moisture :	NA
Calib. Ref.:	RND320	Instrument ID :	T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	25	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	5.5	0.50	0.20
1,2-DICHLOROPROPANE	4.3	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	4.2	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.22J	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.27J	1.0	0.20
TRICHLOROETHENE	0.85J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.35J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/10/10 06:44
Sample ID:	TB 9/8/10	Date Analyzed:	09/10/10 06:44
Lab Samp ID:	1091 06	Dilution Factor:	1
Lab File ID:	R10166	Matrix	: WATER
Ext Batch ID:	VD94108	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-09A

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.60J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	97	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091
Sample ID: MBLK1W
Lab Samp ID: VD941080
Lab File ID: R1D164
Ext Btch ID: VD941QB
Calib. Ref.: RMD320

Date Collected: NA
Date Received: 09/10/10
Date Extracted: 09/10/10 05:31
Date Analyzed: 09/10/10 05:31
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	98	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKTW
LAB SAMP ID: VO94108B VO94108L VO94108C
LAB FILE ID: RID164 RID160 RID161
DATE EXTRACTED: 09/10/1005:31 09/10/1003:03 09/10/1003:39
DATE ANALYZED: 09/10/1005:51 09/10/1003:03 09/10/1003:39
PREP. BATCH: VO94108 VO94108 VO94108
CALIB. REF: RHD320 RHD320 RHD320

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 09/10/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.7	107	10.0	9.86	99	9	60-130	30
Benzene	ND	10.0	10.8	108	10.0	9.75	97	10	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	9.85	98	6	70-120	30
Toluene	ND	10.0	10.4	104	10.0	9.60	96	8	70-130	30
Trichloroethene	ND	10.0	11.1	111	10.0	10.0	100	10	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.96	90	10.0	8.97	90	70-140
4-Bromofluorobenzene	10.0	8.97	90	10.0	9.04	90	70-130
Toluene-d8	10.0	10.1	101	10.0	9.58	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/13/10
Batch No.	: 101091	Date Extracted:	09/13/10 14:03
Sample Id:	MBLK2W	Date Analyzed:	09/13/10 14:03
Lab Samp Id:	V0941100	Dilution Factor:	1
Lab File Id:	R1D208	Matrix	: WATER
Ext Btch Id:	VD94110	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS 1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS 1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.28J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2 DICHLOROETHANE-D4	89	70-160
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	102	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V0941100	V0941101	V0941102		
LAB FILE ID:	RID208	RID204	RID205		
DATE EXTRACTED:	09/13/1014:03	09/13/1011:32	09/13/1012:11	DATE COLLECTED:	NA
DATE ANALYZED:	09/13/1014:03	09/13/1011:32	09/13/1012:11	DATE RECEIVED:	09/13/10
PREP. BATCH:	V094110	V094110	V094110		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.4	104	10.0	10.2	102	2	60-130	30
Benzene	ND	10.0	11.2	112	10.0	10.7	107	5	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	9.87	99	5	70-130	30
Toluene	ND	10.0	10.8	108	10.0	10.3	103	4	70-130	30
Trichloroethene	ND	10.0	11.5	115	10.0	11.1	111	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.57	86	10.0	8.55	86	70-140
4-Bromofluorobenzene	10.0	8.57	86	10.0	8.75	87	70-130
Toluene-d8	10.0	10.2	102	10.0	10.2	102	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RH0314
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1D1091
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.45
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.34
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.5)1
176	95.0 - 101.0% of mass 174	76.27(97.2)1
177	5.0 - 9.0% of mass 176	4.78(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V094H1101	RHD315	08/11/10	21:30
2	VSTD0.5	V094H1102	RHD316	08/11/10	22:06
3	VSTD01	V094H1103	RHD317	08/11/10	22:43
4	VSTD02	V094H1104	RHD318	08/11/10	23:19
5	VSTD05	V094H1105	RHD319	08/11/10	23:54
6	VSTD010	V094H1106	RHD320	08/12/10	00:29
7	VSTD020	V094H1107	RHD321	08/12/10	01:03
8	VSTD030	V094H1108	RHD322	08/12/10	01:38
9	VSTD040	V094H1109	RHD323	08/12/10	02:13
10	VSTD050	V094H1110	RHD324	08/12/10	02:50
11	VSTD100	V094H1111	RHD325	08/12/10	03:26
12	VSTD010	IV094H1102	RHD330	08/12/10	06:32

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094H11

M	IDX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2	Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
	5	Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
	6	Bromomethane	------	0.218	0.245	0.276	0.290	0.315	0.315	0.303	0.317	0.320	0.332	0.293	12.53	6.8163
	7	Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
	8	Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.733	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
	9	Trichlorofluoromethane	------	0.187	0.241	0.285	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5	13	Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
	14	1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10	16	Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
	19	Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
	20	Carbon disulfide	------	0.851	1.087	1.136	1.181	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.01	9.8857
5	21	Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9601
	22	tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.298	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
	23	trans-1,2-Dichloroethene	0.483	0.504	0.479	0.512	0.511	0.513	0.540	0.512	0.515	0.519	0.513	0.507	4.05	10.2964
	24	Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
	25	Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
	26	1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.635	0.611	0.618	0.612	0.603	3.81	11.0355
5	27	2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	0.328	0.400	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5	29	2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
	30	2,2-Dichloropropane	0.252	0.259	0.241	0.250	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
	31	cis-1,2-Dichloroethene	0.281	0.309	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
	32	Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.00	12.3103
	33	Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
	35	Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
	36	1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
	39	1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.166	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.184	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
	42	Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
	43	1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
	44	Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
	45	Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.01	14.5942
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20	48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

Sw
8/16/10

49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
5 52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
57	trans-1,3-Dichloropropene	0.262	0.268	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7504
5 58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
60	1,3-Dichloropropane	0.283	0.318	0.300	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.246	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.171	0.172	0.175	0.172	0.163	6.95	18.2020
64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2 68	m-Xylene & p-Xylene	1.180	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.006	1.140	4.92	19.4144
70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8305
73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.104	0.104	0.115	0.115	0.108	11.20	20.2196
78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.831	5.481	5.243	------	5.796	5.58	20.2708
79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
82	4-Chlorotoluene	2.659	2.201	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.404	8.61	20.5789
83	tert-Butylbenzene	0.890	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.008	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * M
Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = x0 + x1 * Amt_Ratio

Parameter	x0	x1	CCF
Trichlorofluoromethane	-0.01435	0.38831	0.9994
Naphthalene	-0.02203	0.78641	0.9950
1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

SM
8/16/10

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :V094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :R4320

Column Spec :RTX502.2 ID :0.320
Ending DateTime :08/12/10 03:26
HPChem Method :V094N11

	N	IDX	Parameters	.3 21:30 RH0315	.5 22:06 RH0316	1 22:43 RH0317	2 23:19 RH0318	5 23:54 RH0319	10 00:29 RH0320	20 01:03 RH0321	30 01:38 RH0322	40 02:13 RH0323	50 02:50 RH0324	100 03:26 RH0325	AvgRec	%_RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
		2	Dichlorodifluoromethane	------	72	85	93	94	110	109	105	108	109	114	10.9	13.33	4.7369
		3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		4	Chloromethane	70	87	92	100	104	110	110	104	107	107	108	9.1	12.25	5.3698
		5	Vinyl chloride	------	75	87	99	101	111	110	104	105	104	104	7.8	10.92	5.6903
		6	Bromomethane	------	74	84	94	99	108	108	103	108	109	113	9.8	12.53	6.8163
		7	Chloroethane	------	73	85	94	99	108	108	104	108	109	115	10.2	13.05	7.0064
		8	Dichlorofluoromethane	81	93	91	97	99	103	108	105	107	108	108	7	8.71	7.0794
		9	Trichlorofluoromethane	------	122	99	92	88	99	100	97	101	102	------	5.6	9.5	7.5835
5		10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5		11	Acrolein	78	89	89	89	100	100	111	100	100	100	100	6.1	8.36	8.4486
		12	1,1,2-Trichloro-1,2,2-trifluoroethane	96	95	91	94	91	99	105	103	106	108	111	6	7.03	8.4898
5		13	Acetone	------	------	121	117	103	93	97	93	93	97	100	7.7	9.44	8.5592
		14	1,1-Dichloroethene	91	100	94	98	97	101	105	101	103	105	105	3.6	4.57	8.8634
5		15	tert-Butyl alcohol	------	------	92	100	100	100	108	92	92	100	92	4.3	3.87	8.9524
10		16	Acetonitrile	120	113	107	100	87	93	93	93	93	93	93	8.5	9.55	9.3973
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Iodomethane	84	96	92	96	98	100	107	104	106	108	111	6.4	7.94	9.5054
		19	Methylene chloride	113	109	98	98	99	97	101	96	96	97	96	4.1	5.67	9.7753
		20	Carbon disulfide	------	71	91	95	99	104	106	106	109	110	110	8.9	12.01	9.8857
5		21	Acrylonitrile	85	95	95	97	97	100	105	100	103	105	108	4.7	6.79	9.9601
		22	tert-Butyl methyl ether (MTBE)	81	94	90	90	97	99	107	106	108	111	116	8.7	10.46	9.9960
		23	trans-1,2-Dichloroethene	91	99	94	101	101	101	107	101	102	102	101	2.8	4.05	10.2964
		24	Isopropyl ether (DIPE)	90	100	96	97	101	101	106	102	102	104	102	3.2	4.38	10.7537
		25	Vinyl acetate	------	86	81	88	100	106	108	113	106	109	113	9	10.98	10.9634
		26	1,1-Dichloroethane	92	102	96	98	101	100	106	100	101	102	101	2.7	3.81	11.0355
5		27	2-Butanol	87	87	100	100	100	87	100	100	100	112	112	5.7	8.04	11.3373
		28	tert-Butyl ethyl ether (ETBE)	74	90	88	93	98	101	109	108	109	113	118	10.5	13.09	11.4516
5		29	2-Butanone	102	112	104	96	94	94	100	94	96	100	102	4.1	5.22	11.6829
		30	2,2-Dichloropropane	105	108	101	105	103	101	103	98	95	93	87	4.8	6.14	11.9767
		31	cis-1,2-Dichloroethene	89	98	94	97	99	99	105	102	103	106	108	4.4	5.54	12.0538
		32	Chloroform	88	100	96	97	101	100	106	102	103	104	104	3.5	5.00	12.3103
		33	Bromochloromethane	91	102	99	97	103	100	105	100	101	102	101	2.5	3.72	12.5988
		34	Tetrahydrofuran	------	------	------	115	100	100	100	96	96	100	100	2.9	5.96	12.6299
		35	Dibromofluoromethane	105	111	89	96	86	101	103	99	101	104	106	5.5	7.32	12.6653
		36	1,1,1-Trichloroethane	92	102	94	98	99	102	105	103	102	102	102	3.1	3.98	12.9724
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	------	83	84	86	95	98	109	112	114	119	------	11.9	13.59	13.3124
		39	1,2-Dichloroethane-d4	110	111	91	98	87	101	102	98	99	102	103	5	7.03	13.4549
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
		41	1,1-Dichloropropene	97	102	90	94	92	97	104	105	106	106	111	5.6	6.58	13.2090
		42	Carbon tetrachloride	94	99	94	94	94	98	104	105	105	105	109	5	5.67	13.4084
		43	1,2-Dichloroethane	97	104	97	96	100	100	103	101	102	100	102	2	2.63	13.6012
		44	Benzene	97	108	97	96	97	97	103	103	104	103	94	4	4.51	13.6663
		45	Trichloroethene	98	100	95	96	96	97	103	102	102	102	108	3.3	4.01	14.5942
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	98	106	97	97	99	98	102	100	100	100	103	2	2.73	14.8587
20		48	1,4-Dioxane	------	100	100	100	103	100	100	100	100	100	100	0	12.15	15.2069

SL
8/16/10

49	Bromodichloromethane	90	102	95	96	99	99	104	102	103	103	106	3.6	4.56	15.2376
50	Dibromomethane	88	98	97	96	98	98	105	102	105	106	109	4.6	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	79	85	94	100	106	109	123	11.3	14.84	15.5602
5 52	4-Methyl-2-pentanone	91	98	96	98	99	100	103	101	102	104	106	3.1	4.13	15.6045
53	cis-1,3-Dichloropropene	94	101	97	95	99	97	103	102	103	103	106	3.3	3.83	16.0139
54	Toluene-d8	119	117	92	96	83	97	100	99	100	101	96	6.8	10.22	16.4263
55	Toluene	99	106	97	96	97	98	104	103	103	104	93	3.6	4.14	16.5553
56	Ethyl methacrylate	80	86	92	91	95	99	108	109	112	114	116	10.6	12.34	16.6201
57	trans-1,3-Dichloropropene	85	93	93	96	99	100	106	106	106	107	109	6.2	7.65	16.7504
5 58	2-Hexanone	90	96	93	94	99	101	105	104	104	105	105	4.7	5.50	16.9232
59	1,1,2-Trichloroethane	89	103	93	95	97	97	105	103	104	105	107	5	5.70	17.0349
60	1,3-Dichloropropane	89	100	95	96	98	98	104	103	104	105	106	4.2	5.20	17.4124
61	Tetrachloroethene	103	103	93	95	94	95	102	102	102	102	107	4	4.64	17.5812
62	Dibromochloromethane	88	98	92	96	98	99	106	104	106	107	106	5.4	6.53	17.9029
63	1,2-Dibromoethane	85	100	93	94	99	101	107	105	106	107	106	5.4	6.95	18.2020
64	1-Chlorohexane	95	96	92	92	94	98	106	106	107	107	107	6.2	6.72	18.2539
65	Chlorobenzene	94	103	95	96	100	99	105	104	104	104	97	3.7	4.19	18.7364
66	Ethylbenzene	103	109	99	100	101	99	108	104	102	99	77	4.8	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	88	98	93	94	96	98	107	105	106	107	109	6.1	6.92	18.7643
2 68	m-Xylene & p-Xylene	101	105	99	99	100	102	108	102	96	89	------	3.5	5.16	18.8480
69	o-Xylene	95	103	97	100	102	102	106	103	103	101	88	3.6	4.92	19.4144
70	Styrene	81	91	88	92	98	101	111	110	112	112	103	9	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	107	110	101	101	101	101	106	102	98	97	78	5.1	8.41	19.8105
73	Bromoform	89	96	97	94	98	99	108	103	102	106	109	4.9	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	95	99	98	100	100	99	105	99	99	101	102	1.6	2.52	20.0099
75	4-Bromofluorobenzene	------	127	96	97	84	97	100	98	97	100	104	6.2	10.74	20.1377
76	1,2,3-Trichloropropane	79	99	102	99	97	98	106	103	103	105	109	5	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	78	93	107	106	91	118	96	96	106	106	9.1	11.20	20.2196
78	n-Propylbenzene	108	106	98	98	98	100	106	100	95	90	------	4.2	5.58	20.2708
79	Bromobenzene	97	102	96	95	96	96	104	100	101	104	108	3.6	4.33	20.4234
80	1,3,5-Trimethylbenzene	104	106	98	97	98	99	106	103	101	102	88	3.8	5.20	20.4420
81	2-Chlorotoluene	103	119	106	95	96	98	103	104	102	92	81	6.8	9.52	20.5417
82	4-Chlorotoluene	111	92	86	97	99	97	108	96	95	115	104	6.9	8.61	20.5789
83	tert-Butylbenzene	95	100	91	93	93	96	105	103	103	107	113	5.8	6.99	20.8713
84	1,2,4-Trimethylbenzene	104	103	96	95	98	99	107	103	102	104	90	4	4.96	20.9152
85	sec-Butylbenzene	106	105	97	98	99	103	110	105	102	99	77	5.4	8.46	21.1120
86	p-Isopropyltoluene	102	99	92	95	98	102	111	107	105	104	85	5.5	7.29	21.2489
87	1,3-Dichlorobenzene	102	103	93	95	98	98	105	101	101	103	102	3	3.68	21.4536
88	1,4-Dichlorobenzene	102	100	93	93	97	98	105	102	102	104	104	3.4	4.15	21.5706
89	n-Butylbenzene	103	98	91	93	97	101	110	105	104	106	92	5.2	6.27	21.7181
90	1,2-Dichlorobenzene	99	102	96	94	98	98	104	100	100	104	104	2.7	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	80	94	95	94	105	103	105	109	112	7.7	9.97	22.9790
92	1,2,4-Trichlorobenzene	88	87	82	86	97	100	112	110	108	113	118	11	12.79	24.1801
93	Hexachlorobutadiene	105	100	87	93	96	98	107	104	100	105	104	4.6	5.96	24.3263
94	Naphthalene	------	128	96	88	89	93	107	------	------	------	------	11.5	15.2	24.6487
95	1,2,3-Trichlorobenzene	------	129	95	88	90	92	104	101	101	------	------	8.8	13.2	25.0149

See file

2021

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TO94
IC Beginning Date/time :08/11/10 21:30
Spike Amount :10 PPB
CC/CV File :RX0330
IC File :RH0320

Column Spec :RTX502.2 ID :0.32MM
IC Ending Date/time :08/12/10 03:26
HPChem Method :VO94H11
Date_Time :08/12/10 06:32

M	IDX	Parameters	CC_CON	CC%_D	CC_RESP	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CO_A0	CO_A1	CO_A2	CO_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1557995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	9.852	-1.5	833935	0.535	0.543	5.695	5.690	10.92				
	6	Bromomethane	9.924	-0.8	455177	0.291	0.293	6.806	6.816	12.53				
	7	Chloroethane	9.928	-0.7	478639	0.307	0.309	6.996	7.006	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184831	0.760	0.742	7.069	7.079	8.71				
	9	Trichlorofluoromethane	8.930	-10.7	517905	0.332	0.326	7.581	7.583	22.88	-0.0143	0.3883		0.9994
5	10	sec-Propyl alcohol												
5	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	8.36				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
5	13	Acetone	46.993	-6.0	215476	0.028	0.029	8.546	8.559	9.24				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
5	15	tert-Butyl alcohol	52.247	5.1	104025	0.013	0.013	8.941	8.953	3.87				
10	16	Acetonitrile	90.753	-9.2	209717	0.013	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018860	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	621734	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1956507	1.256	1.196	9.877	9.886	12.01				
6	21	Acrylonitrile	51.248	-14.6	304497	0.033	0.039	9.950	9.960	6.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	473230	0.304	0.301	9.979	9.996	10.46				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.294	4.05				
	24	Isopropyl ether (DIPE)	10.393	2.9	1563757	1.004	0.975	10.738	10.754	4.38				
	25	Vinyl acetate	9.046	-9.5	394491	0.253	0.280	10.959	10.963	10.98				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.035	3.87				
5	27	2-Butanol	46.195	-7.6	57710	0.007	0.008	11.324	11.337	8.04				
	28	tert-Butyl ethyl ether (ETBE)	10.136	1.3	701031	0.450	0.444	11.441	11.455	13.09				
5	29	2-Butanone	47.924	-4.2	377635	0.048	0.051	11.675	11.683	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.239	11.968	11.977	6.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.54				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.192	1.9	348105	0.223	0.219	12.597	12.599	3.76				
	34	Tetrahydrofuran	9.721	-2.8	39774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	468178	0.301	0.289	12.655	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.322	3.2	294359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1501236	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	230833	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.034	0.3	538053	0.413	0.412	13.401	13.408	5.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.265	13.591	13.601	2.65				
	44	Benzene	10.108	1.1	2003756	1.540	1.525	13.664	13.666	4.51				
	45	Trichloroethene	10.276	2.8	577332	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	14.849	14.859	2.73				
20	48	1,4-Dioxane	202.473	1.2	24714	0.001	0.001	15.199	15.207	12.15				
	49	Bromodichloromethane	10.250	2.5	503955	0.387	0.378	15.229	15.238	4.56				
	50	Dibromomethane	10.233	2.3	165862	0.127	0.124	15.346	15.355	5.86				
	51	2-Chloroethyl vinyl ether	8.144	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
5	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.135	15.594	15.604	4.13				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	3.83				
	54	Toluene-d8	10.462	4.6	1667179	1.281	1.225	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1872053	1.439	1.385	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407639	0.313	0.309	16.749	16.750	7.65				
5	58	2-Hexanone	51.141	2.3	536210	0.082	0.081	16.925	16.923	5.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.037	17.035	3.70				
	60	1,3-Dichloropropane	10.085	0.9	415527	0.319	0.317	17.407	17.412	5.20				
	61	Tetrachloroethene	9.975	-0.2	428440	0.328	0.329	17.583	17.581	4.64				
	62	Dibromochloromethane	10.177	1.8	339403	0.255	0.259	17.905	17.903	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.165	18.197	18.202	6.95				
	64	1-Chlorohexane	10.218	2.2	847230	0.651	0.637	18.262	18.254	6.72				
	65	Chlorobenzene	10.378	2.8	1185392	0.911	0.886	18.738	18.736	4.19				
	66	Ethylbenzene	10.753	4.5	2168254	1.666	1.594	18.753	18.751	8.42				
	67	1,1,1,2-Tetrachloroethane	10.315	2.2	421495	0.324	0.317	18.767	18.764	2.92				
2	68	m-Xylene & p-Xylene	21.320	6.6	3236796	1.244	1.167	18.840	18.848	5.16				
	69	o-Xylene	10.501	5.0	1557550	1.197	1.140	19.411	19.414	4.92				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.999	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059045	4.804	4.602	19.806	19.810	8.41				
	73	Bromoform	10.112	1.1	140492	0.328	0.324	19.937	19.937	6.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.55				
	75	4-Bromofluorobenzene	10.140	1.4	471422	1.100	1.085	20.142	20.138	10.74				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.195	7.05				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41787	0.097	0.108	20.215	20.220	11.20				
	78	n-Propylbenzene	10.323	3.2	2544354	5.983	5.796	20.374	20.371	5.58				
	79	Bromobenzene	9.996	-0.0	434620	1.014	1.014	20.420	20.423	4.33				
	80	1,3,5-Trimethylbenzene	10.326	3.3	1516580	3.538	3.429	20.434	20.442	5.60				
	81	2-Chlorotoluene	11.482	14.8	1745051	4.071	3.546	20.537	20.542	9.52				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.579	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399832	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404315	3.277	3.193	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.599	6.0	2216993	5.173	4.880	21.107	21.112	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1704595	4.186	3.956	21.239	21.249	7.22				
	87	1,3-Dichlorobenzene	10.123	1.2	878641	2.050	2.025	21.458	21.454	5.68				
	88	1,4-Dichlorobenzene	10.049	0.4	812623	1.896	1.888	21.575	21.571	4.35				
	89	n-Butylbenzene	9.999	-0.0	1715742	4.003	4.003	21.721	21.718	6.27				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.492	22.028	22.038	3.32				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	5.97				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	211729	0.494	0.485	24.324	24.326	1.96				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.645	24.646	24.649	17.26	-0.0220	0.7864		0.9950
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.381	25.011	25.015	15.98	-0.0123	0.4415		0.9988

Spike Amount = Nominal Amount * M

2027

DAILY CALIBRATIONS

2024

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMX1 Case No.:
Lab File ID: R10158
Instrument ID: TQ94
GC Column: RTX502.2 ID: 0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101091
BFB Injection Date : 09/10/10
BFB Injection Time : 01:50
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.90
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.53
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	84.35
175	5.0 - 9.0% of mass 174	6.30(7.5)1
176	95.0 - 101.0% of mass 174	81.75(96.9)1
177	5.0 - 9.0% of mass 176	5.17(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VST0010	CW094H1133	R10159	09/10/10	02:26
2	MBLK1W	V094I08Q	R1D164	09/10/10	05:31
3	LCS1W	V094I08L	R1D160	09/10/10	03:03
4	LCD1W	V094I08C	R1D161	09/10/10	03:39
5	FB-9/8/10	I091-06	R1D166	09/10/10	06:44
6	MW-70-PMW05A-A10	I091-01	R1D167	09/10/10	07:21
7	MW-70-PMW05B-A10	I091-02	R1D168	09/10/10	07:58
8	IW-70-FSB10B-A10	I091-03	R1D169	09/10/10	08:35
9	IW-70-FSB11B-A10	I091-04	R1D170	09/10/10	09:14

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMX1
Lab File ID: RH0320
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101091
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1224530	14.00	958904	18.68	175057	22.00
2	MBLK1W	1153568	14.00	934638	18.69	102350	22.00
3	LCS1W	1236215	14.00	960507	18.68	184091	22.00
4	LCD1W	1299592	14.00	1065265	18.69	198856	22.00
5	TB-9/8/10	1209509	14.00	992619	18.69	125679	22.00
6	MW-70-PMW05A A10	1207162	14.00	996343	18.69	114931	22.00
7	MW-70-PMW05B-A10	1281571	14.00	985170	18.68	173430	22.00
8	IW-70-FSB10B-A10	1108923	14.00	823708	18.69	327988	22.00
9	IW-70-FSB11B-A10	1208480	14.00	973792	18.68	359412	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	10.000	8.813	11.9	64	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.284	17.2	60	0.00
5	C,T	Vinyl chloride	10.000	8.906	10.9	64	0.00
6	T	Bromomethane	10.000	9.283	7.2	69	0.00
7	T	Chloroethane	10.000	9.471	5.3	70	0.00
8	T	Dichlorofluoromethane	10.000	11.227	-12.3	87	0.00
9	T	Trichlorofluoromethane	10.000	9.712	2.9	78	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	29.111	41.8#	45	0.00 MT
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.332	-13.3	91	0.00
13	T	Acetone	50.000	46.736	6.5	80	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.709	-7.1	85	0.00
15	T	tert-Butyl alcohol	50.000	30.471	39.1#	48	0.00 MT
16	T	Acetonitrile	100.000	82.414	17.6	72	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.679	3.2	77	0.00
19	T	Methylene chloride	10.000	9.672	3.3	79	0.00
20	T	Carbon disulfide	10.000	8.774	12.3	67	0.00
21	T	Acrylonitrile	50.000	47.718	4.6	75	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.774	-7.7	86	0.00
23	T	trans-1,2-Dichloroethene	10.000	10.138	-1.4	80	0.00
24	T	Isopropyl ether (DIPE)	10.000	10.385	-3.8	82	0.00
25	T	Vinyl acetate	10.000	10.172	-1.7	76	0.00
26	P,T	1,1-Dichloroethane	10.000	10.301	-3.0	82	0.00
27	T	2-Butanol	50.000	50.185	-0.4	87	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	11.036	-10.4	87	0.00
29	T	2-Butanone	50.000	44.539	10.9	75	0.00
30	T	2,2-Dichloropropane	10.000	8.658	13.4	68	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.841	-8.4	87	0.00
32	C,T	Chloroform	10.000	10.212	-2.1	81	0.00
33	T	Bromochloromethane	10.000	9.966	0.3	79	0.00
34	T	Tetrahydrofuran	10.000	9.057	9.4	74	0.00
35	S	Dibromofluoromethane	10.000	10.180	-1.8	80	0.00
36	T	1,1,1-Trichloroethane	10.000	10.008	-0.1	78	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00
38	T	tert-Amyl methyl ether (TAM	10.000	10.989	-9.9	89	0.00
39	S	1,2-Dichloroethane-d4	10.000	9.017	9.8	71	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	74	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.155	-11.5	85	0.00
42	T	Carbon tetrachloride	10.000	10.387	-3.9	78	0.00
43	T	1,2-Dichloroethane	10.000	10.069	-0.7	75	0.00
44	T,M	Benzene	10.000	10.729	-7.3	82	0.00
45	T,M	Trichloroethene	10.000	11.025	-10.3	84	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.435	-4.4	79	0.00
48	T	1,4-Dioxane	200.000	213.701	-6.9	78	0.00
49	T	Bromodichloromethane	10.000	10.182	-1.8	76	0.00
50	T	Dibromomethane	10.000	10.328	-3.3	78	0.00
51	T	2-Chloroethyl vinyl ether	10.000	3.033	69.7#	26	0.00
52	T	4-Methyl-2-pentanone	50.000	47.465	5.1	70	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.660	3.4	73	0.00
54	S	Toluene-d8	10.000	9.848	1.5	75	0.00
55	C,T,M	Toluene	10.000	10.300	-3.0	78	0.00
56	T	Ethyl methacrylate	10.000	9.326	6.7	70	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.287	7.1	69	0.00
58	T	2-Hexanone	50.000	50.092	-0.2	73	0.00
59	T	1,1,2-Trichloroethane	10.000	10.160	-1.6	77	0.00
60	T	1,3-Dichloropropane	10.000	9.761	2.4	74	0.00
61	T	Tetrachloroethene	10.000	10.408	-4.1	80	0.00
62	T	Dibromochloromethane	10.000	9.882	1.2	74	0.00
63	T	1,2-Dibromoethane	10.000	10.402	-4.0	77	0.00
64	T	1-Chlorohexane	10.000	10.555	-5.5	80	0.00
65	P,M	Chlorobenzene	10.000	10.472	-4.7	78	0.00
66	C,T	Ethylbenzene	10.000	10.301	-3.0	77	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	10.030	-0.3	75	0.00
68	T	m-Xylene & p-Xylene	20.000	21.329	-6.6	77	0.00
69	T	o-Xylene	10.000	10.922	-9.2	79	0.00
70	T	Styrene	10.000	11.515	-15.2	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	88	0.00
72	T	Isopropylbenzene	10.000	9.618	3.8	84	0.00
73	P,T	Bromoform	10.000	9.665	3.4	85	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.336	6.6	82	0.00
75	S	4-Bromofluorobenzene	10.000	8.997	10.0	81	0.00
76	T	1,2,3-Trichloropropane	10.000	9.469	5.3	84	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	6.586	34.1#	63	0.00
78	T	n-Propylbenzene	10.000	9.832	1.7	86	0.00
79	T	Bromobenzene	10.000	9.934	0.7	90	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.751	2.5	86	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.639	-6.4	95	0.00
82	T	4-Chlorotoluene	10.000	7.625	23.8#	69	0.00
83	T	tert-Butylbenzene	10.000	9.665	3.4	88	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.666	3.3	85	0.00
85	T	sec-Butylbenzene	10.000	10.201	-2.0	87	0.00
86	T	p-Isopropyltoluene	10.000	10.165	-1.6	87	0.00
87	T	1,3-Dichlorobenzene	10.000	9.859	1.4	89	0.00
88	T	1,4-Dichlorobenzene	10.000	9.974	0.3	90	0.00
89	T	n-Butylbenzene	10.000	9.795	2.1	85	0.00
90	T	1,2-Dichlorobenzene	10.000	9.936	0.6	89	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.095	9.0	85	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.687	3.1	85	0.00
93	T	Hexachlorobutadiene	10.000	11.416	-14.2	102	0.00
94	T	Naphthalene	10.000	8.193	18.1	77	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.234	17.7	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	0.292	0.257	12.0	64	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.512	17.2	60	0.00
5	C,T	Vinyl chloride	0.543	0.484	10.9	64	0.00
6	T	Bromomethane	0.293	0.272	7.2	69	0.00
7	T	Chloroethane	0.309	0.293	5.2	70	0.00
8	T	Dichlorofluoromethane	0.742	0.833	-12.3	87	0.00
9	T	Trichlorofluoromethane	0.326	0.363	-11.3	78	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.005	44.4#	45#	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.247	-13.3	91	0.00
13	T	Acetone	0.029	0.028	3.4	80	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.617	-7.1	85	0.00
15	T	tert-Butyl alcohol	0.013	0.008	38.5#	48#	0.00
16	T	Acetonitrile	0.015	0.012	20.0	72	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.627	3.2	77	0.00
19	T	Methylene chloride	0.430	0.416	3.3	79	0.00
20	T	Carbon disulfide	1.196	1.049	12.3	67	0.00
21	T	Acrylonitrile	0.039	0.037	5.1	75	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.324	-7.6	86	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.514	-1.4	80	0.00
24	T	Isopropyl ether (DIPE)	0.975	1.013	-3.9	82	0.00
25	T	Vinyl acetate	0.280	0.285	-1.8	76	0.00
26	P,T	1,1-Dichloroethane	0.603	0.621	-3.0	82	0.00
27	T	2-Butanol	0.008	0.008	0.0	87	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.490	-10.4	87	0.00
29	T	2-Butanone	0.051	0.045	11.8	75	0.00
30	T	2,2-Dichloropropane	0.239	0.207	13.4	68	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.341	-8.3	87	0.00
32	C,T	Chloroform	0.486	0.496	-2.1	81	0.00
33	T	Bromochloromethane	0.219	0.218	0.5	79	0.00
34	T	Tetrahydrofuran	0.026	0.024	7.7	74	0.00
35	S	Dibromofluoromethane	0.289	0.294	-1.7	80	0.00
36	T	1,1,1-Trichloroethane	0.333	0.333	0.0	78	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.064	-10.3	89	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.165	9.8	71	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	74	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.198	-11.9	85	0.00
42	T	Carbon tetrachloride	0.412	0.428	-3.9	78	0.00
43	T	1,2-Dichloroethane	0.262	0.264	-0.8	75	0.00
44	T,M	Benzene	1.523	1.634	-7.3	82	0.00
45	T,M	Trichloroethene	0.432	0.476	-10.2	84	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.372	-4.2	79	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	78	0.00
49	T	Bromodichloromethane	0.378	0.385	-1.9	76	0.00
50	T	Dibromomethane	0.124	0.128	-3.2	78	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.016	69.8#	26#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.128	5.2	70	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.452	3.4	73	0.00
54	S	Toluene-d8	1.225	1.206	1.6	75	0.00
55	C,T,M	Toluene	1.395	1.437	-3.0	78	0.00
56	T	Ethyl methacrylate	0.203	0.190	6.4	70	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.287	7.1	69	0.00
58	T	2-Hexanone	0.081	0.081	0.0	73	0.00
59	T	1,1,2-Trichloroethane	0.153	0.155	-1.3	77	0.00
60	T	1,3-Dichloropropane	0.317	0.309	2.5	74	0.00
61	T	Tetrachloroethene	0.329	0.342	-4.0	80	0.00
62	T	Dibromochloromethane	0.249	0.246	1.2	74	0.00
63	T	1,2-Dibromoethane	0.163	0.170	-4.3	77	0.00
64	T	1-Chlorohexane	0.637	0.673	-5.7	80	0.00
65	P,M	Chlorobenzene	0.886	0.928	-4.7	78	0.00
66	C,T	Ethylbenzene	1.594	1.642	-3.0	77	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.318	-0.3	75	0.00
68	T	m-Xylene & p-Xylene	1.167	1.244	-6.6	77	0.00
69	T	o-Xylene	1.140	1.245	-9.2	79	0.00
70	T	Styrene	0.847	0.975	-15.1	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	88	0.00
72	T	Isopropylbenzene	4.602	4.426	3.8	84	0.00
73	P,T	Bromoform	0.324	0.313	3.4	85	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.469	6.8	82	0.00
75	S	4-Bromofluorobenzene	1.085	0.976	10.0	81	0.00
76	T	1,2,3-Trichloropropane	0.113	0.107	5.3	84	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.071	34.3#	63	0.00
78	T	n-Propylbenzene	5.796	5.698	1.7	86	0.00
79	T	Bromobenzene	1.014	1.008	0.6	90	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.341	2.5	86	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I09\RID159.D
Acq On : 10 Sep 2010 2:26 am
Sample : CVO94H1133 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.773	-6.4	95	0.00
82	T	4-Chlorotoluene	2.404	1.833	23.8#	69	0.00
83	T	tert-Butylbenzene	0.936	0.904	3.4	88	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.077	3.3	85	0.00
85	T	sec-Butylbenzene	4.880	4.978	-2.0	87	0.00
86	T	p-Isopropyltoluene	3.956	4.021	-1.6	87	0.00
87	T	1,3-Dichlorobenzene	2.025	1.996	1.4	89	0.00
88	T	1,4-Dichlorobenzene	1.888	1.883	0.3	90	0.00
89	T	n-Butylbenzene	4.003	3.921	2.0	85	0.00
90	T	1,2-Dichlorobenzene	1.492	1.482	0.7	89	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.060	9.1	85	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.586	3.1	85	0.00
93	T	Hexachlorobutadiene	0.485	0.553	-14.0	102	0.00
94	T	Naphthalene	0.645	0.622	3.6	77	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.351	7.9	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID201
Instrument ID: T094
GC Column:RTX502.21D:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1D1091
BFB Injection Date : 09/13/10
BFB Injection Time : 09:39
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.95
75	30.0 - 60.0% of mass 95	42.46
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.20
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	88.17
175	5.0 - 9.0% of mass 174	6.55(7.4)1
176	95.0 - 101.0% of mass 174	84.50(98.1)1
177	5.0 - 9.0% of mass 176	5.40(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1135	RID203	09/13/10	10:53
2	MBLK2W	V094I100	RID208	09/13/10	14:03
3	LCS2W	V094I10L	RID204	09/13/10	11:32
4	LCD2W	V094I10C	RID205	09/13/10	12:11
5	IW-70-FSB108-A10DL	I091-03Y	RID209	09/13/10	14:50
6	MW-70-MNA03-A10	I091-05A	RID211	09/13/10	16:04

FORM V VOA OLM02.0

9A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHD320
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101091
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1540531	14.01	1299219	18.69	428298	21.99
UPPER LIMIT	3081062	14.51	2598438	19.19	856596	22.49
LOWER LIMIT	770266	13.51	649610	18.19	214149	21.49
SAMPLE ID						
1 VSTD010	1480565	14.00	1142982	18.69	446759	22.00
2 MBLK2W	1360748	14.00	1011400	18.69	371967	22.01
3 LCS2W	1378432	14.00	1024036	18.69	410328	22.00
4 LCD2W	1460598	14.00	1078198	18.69	436237	22.00
5 IW-70-FSB10B-A100L	1380076	14.00	1043474	18.69	340189	22.01
6 MW-70-MWA03 A10	1538057	14.00	1242698	18.69	414417	22.01

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	96	-0.01
2	T	Dichlorodifluoromethane	10.000	8.906	10.9	78	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	7.733	22.7#	68	0.00
5	C,T	Vinyl chloride	10.000	8.643	13.6	75	0.00
6	T	Bromomethane	10.000	9.603	4.0	86	0.00
7	T	Chloroethane	10.000	10.003	-0.0	89	0.00
8	T	Dichlorofluoromethane	10.000	10.513	-5.1	99	0.00
9	T	Trichlorofluoromethane	10.000	10.461	-4.6	102	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	32.743	34.5#	61	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.709	-17.1	114	-0.01
13	T	Acetone	50.000	41.906	16.2	86	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.005	-0.1	96	0.00
15	T	tert-Butyl alcohol	50.000	32.090	35.8#	62	0.00
16	T	Acetonitrile	100.000	74.745	25.3#	79	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.330	6.7	90	0.00
19	T	Methylene chloride	10.000	8.750	12.5	87	0.00
20	T	Carbon disulfide	10.000	9.296	7.0	86	-0.01
21	T	Acrylonitrile	50.000	42.517	15.0	80	0.00
22	T	tert-Butyl methyl ether (MT	10.000	8.646	13.5	84	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.134	8.7	87	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.056	9.4	87	0.00
25	T	Vinyl acetate	10.000	10.651	-6.5	97	-0.01
26	P,T	1,1-Dichloroethane	10.000	9.082	9.2	87	-0.01
27	T	2-Butanol	50.000	49.708	0.6	104	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	7.826	21.7#	75	-0.01
29	T	2-Butanone	50.000	39.682	20.6#	81	0.00
30	T	2,2-Dichloropropane	10.000	9.194	8.1	87	-0.01
31	T	cis-1,2-Dichloroethene	10.000	9.437	5.6	92	0.00
32	C,T	Chloroform	10.000	9.016	9.8	87	-0.01
33	T	Bromochloromethane	10.000	8.618	13.8	83	-0.01
34	T	Tetrahydrofuran	10.000	8.026	19.7	79	0.00
35	S	Dibromofluoromethane	10.000	9.958	0.4	95	0.00
36	T	1,1,1-Trichloroethane	10.000	9.205	7.9	87	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	7.723	22.8#	76	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.558	14.4	82	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	10.738	-7.4	97	0.00
42	T	Carbon tetrachloride	10.000	9.854	1.5	89	-0.01
43	T	1,2-Dichloroethane	10.000	8.699	13.0	77	0.00
44	T,M	Benzene	10.000	9.801	2.0	89	0.00
45	T,M	Trichloroethene	10.000	10.277	-2.8	93	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.298	7.0	84	0.00
48	T	1,4-Dioxane	200.000	219.157	-9.6	96	0.00
49	T	Bromodichloromethane	10.000	9.169	8.3	81	0.00
50	T	Dibromomethane	10.000	9.289	7.1	83	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.540	84.6#	16	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	41.888	16.2	74	0.00
53	T	cis-1,3-Dichloropropene	10.000	8.988	10.1	81	0.00
54	S	Toluene-d8	10.000	9.930	0.7	90	0.00
55	C,T,M	Toluene	10.000	9.533	4.7	86	0.00
56	T	Ethyl methacrylate	10.000	8.524	14.8	76	0.00
57	T	trans-1,3-Dichloropropene	10.000	8.539	14.6	75	0.00
58	T	2-Hexanone	50.000	45.457	9.1	79	0.00
59	T	1,1,2-Trichloroethane	10.000	9.169	8.3	83	-0.01
60	T	1,3-Dichloropropane	10.000	8.594	14.1	77	-0.01
61	T	Tetrachloroethene	10.000	9.960	0.4	92	0.00
62	T	Dibromochloromethane	10.000	8.800	12.0	78	0.00
63	T	1,2-Dibromoethane	10.000	9.290	7.1	81	-0.01
64	T	1-Chlorohexane	10.000	10.000	0.0	90	0.00
65	P,M	Chlorobenzene	10.000	9.544	4.6	85	0.00
66	C,T	Ethylbenzene	10.000	9.372	6.3	83	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.011	9.9	81	0.00
68	T	m-Xylene & p-Xylene	20.000	19.268	3.7	83	-0.01
69	T	o-Xylene	10.000	9.816	1.8	85	0.00
70	T	Styrene	10.000	10.330	-3.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	104	0.00
72	T	Isopropylbenzene	10.000	8.923	10.8	92	-0.01
73	P,T	Bromoform	10.000	8.943	10.6	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	8.654	13.5	91	0.00
75	S	4-Bromofluorobenzene	10.000	9.150	8.5	99	0.00
76	T	1,2,3-Trichloropropane	10.000	8.711	12.9	92	-0.01
77	T	trans-1,4-Dichloro-2-butene	10.000	6.485	35.1#	74	-0.01
78	T	n-Propylbenzene	10.000	9.265	7.3	96	0.00
79	T	Bromobenzene	10.000	9.447	5.5	102	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.305	7.0	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.433	5.7	100	-0.01
82	T	4-Chlorotoluene	10.000	8.007	19.9	86	0.00
83	T	tert-Butylbenzene	10.000	9.421	5.8	102	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.170	8.3	96	0.00
85	T	sec-Butylbenzene	10.000	9.964	0.4	101	-0.01
86	T	p-Isopropyltoluene	10.000	9.788	2.1	100	0.00
87	T	1,3-Dichlorobenzene	10.000	9.298	7.0	99	0.00
88	T	1,4-Dichlorobenzene	10.000	9.277	7.2	99	0.00
89	T	n-Butylbenzene	10.000	9.709	2.9	101	0.00
90	T	1,2-Dichlorobenzene	10.000	9.023	9.8	96	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.793	12.1	97	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.242	7.6	96	0.00
93	T	Hexachlorobutadiene	10.000	10.753	-7.5	114	0.00
94	T	Naphthalene	10.000	7.933	20.7#	89	0.00
95	T	1,2,3-Trichlorobenzene	10.000	7.894	21.1#	89	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	96	-0.01
2	T	Dichlorodifluoromethane	0.292	0.260	11.0	78	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.478	22.7#	68	0.00
5	C,T	Vinyl chloride	0.543	0.470	13.4	75	0.00
6	T	Bromomethane	0.293	0.281	4.1	86	0.00
7	T	Chloroethane	0.309	0.310	-0.3	89	0.00
8	T	Dichlorofluoromethane	0.742	0.780	-5.1	99	0.00
9	T	Trichlorofluoromethane	0.326	0.392	-20.2#	102	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	61	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.255	-17.0	114	-0.01
13	T	Acetone	0.029	0.025	13.8	86	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.577	-0.2	96	0.00
15	T	tert-Butyl alcohol	0.013	0.008	38.5#	62	0.00
16	T	Acetonitrile	0.015	0.011	26.7#	79	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.605	6.6	90	0.00
19	T	Methylene chloride	0.430	0.377	12.3	87	0.00
20	T	Carbon disulfide	1.196	1.112	7.0	86	-0.01
21	T	Acrylonitrile	0.039	0.033	15.4	80	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.260	13.6	84	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.463	8.7	87	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.883	9.4	87	0.00
25	T	Vinyl acetate	0.280	0.298	-6.4	97	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.548	9.1	87	-0.01
27	T	2-Butanol	0.008	0.008	0.0	104	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.348	21.6#	75	-0.01
29	T	2-Butanone	0.051	0.040	21.6#	81	0.00
30	T	2,2-Dichloropropane	0.239	0.220	7.9	87	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.297	5.7	92	0.00
32	C,T	Chloroform	0.486	0.438	9.9	87	-0.01
33	T	Bromochloromethane	0.219	0.189	13.7	83	-0.01
34	T	Tetrahydrofuran	0.026	0.021	19.2	79	0.00
35	S	Dibromofluoromethane	0.289	0.288	0.3	95	0.00
36	T	1,1,1-Trichloroethane	0.333	0.306	8.1	87	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.045	22.4#	76	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.157	14.2	82	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.190	-7.3	97	0.00
42	T	Carbon tetrachloride	0.412	0.406	1.5	89	-0.01
43	T	1,2-Dichloroethane	0.262	0.228	13.0	77	0.00
44	T,M	Benzene	1.523	1.493	2.0	89	0.00
45	T,M	Trichloroethene	0.432	0.444	-2.8	93	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.332	7.0	84	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	96	0.00
49	T	Bromodichloromethane	0.378	0.346	8.5	81	0.00
50	T	Dibromomethane	0.124	0.116	6.5	83	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.008	84.9#	16#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.113	16.3	74	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.421	10.0	81	0.00
54	S	Toluene-d8	1.225	1.216	0.7	90	0.00
55	C,T,M	Toluene	1.395	1.330	4.7	86	0.00
56	T	Ethyl methacrylate	0.203	0.173	14.8	76	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.264	14.6	75	0.00
58	T	2-Hexanone	0.081	0.073	9.9	79	0.00
59	T	1,1,2-Trichloroethane	0.153	0.140	8.5	83	-0.01
60	T	1,3-Dichloropropane	0.317	0.272	14.2	77	-0.01
61	T	Tetrachloroethene	0.329	0.327	0.6	92	0.00
62	T	Dibromochloromethane	0.249	0.219	12.0	78	0.00
63	T	1,2-Dibromoethane	0.163	0.152	6.7	81	-0.01
64	T	1-Chlorohexane	0.637	0.637	0.0	90	0.00
65	P,M	Chlorobenzene	0.886	0.846	4.5	85	0.00
66	C,T	Ethylbenzene	1.594	1.494	6.3	83	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.286	9.8	81	0.00
68	T	m-Xylene & p-Xylene	1.167	1.124	3.7	83	-0.01
69	T	o-Xylene	1.140	1.119	1.8	85	0.00
70	T	Styrene	0.847	0.875	-3.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	104	0.00
72	T	Isopropylbenzene	4.602	4.106	10.8	92	-0.01
73	P,T	Bromoform	0.324	0.290	10.5	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.435	13.5	91	0.00
75	S	4-Bromofluorobenzene	1.085	0.993	8.5	99	0.00
76	T	1,2,3-Trichloropropane	0.113	0.098	13.3	92	-0.01
77	T	trans-1,4-Dichloro-2-butene	0.108	0.070	35.2#	74	-0.01
78	T	n-Propylbenzene	5.796	5.370	7.3	96	0.00
79	T	Bromobenzene	1.014	0.958	5.5	102	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.188	6.9	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.345	5.7	100	-0.01
82	T	4-Chlorotoluene	2.404	1.925	19.9	86	0.00
83	T	tert-Butylbenzene	0.936	0.881	5.9	102	0.00
84	T	1,2,4-Trimethylbenzene	3.183	2.919	8.3	96	0.00
85	T	sec-Butylbenzene	4.880	4.862	0.4	101	-0.01
86	T	p-Isopropyltoluene	3.956	3.872	2.1	100	0.00
87	T	1,3-Dichlorobenzene	2.025	1.883	7.0	99	0.00
88	T	1,4-Dichlorobenzene	1.888	1.751	7.3	99	0.00
89	T	n-Butylbenzene	4.003	3.887	2.9	101	0.00
90	T	1,2-Dichlorobenzene	1.492	1.346	9.8	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.058	12.1	97	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.559	7.6	96	0.00
93	T	Hexachlorobutadiene	0.485	0.521	-7.4	114	0.00
94	T	Naphthalene	0.645	0.602	6.7	89	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.336	11.8	89	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev. No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H11B

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RND34	BFB9HH6	2 µl					TICHECK
02	315	V094H11B1						
03	316	02						5 / 25 / 1.0
04	317	03						1 / 5 / 2.0
05	318	04						2 / 10 / 4.0
06	319	05						5 / 25 / 10.0
07	320	06						10 / 50 / 20.0
08	321	07						20 / 100 / 40.0
09	322	08						30 / 150 / 60.0
10	323	09						40 / 200 / 80.0
11	324	10						50 / 250 / 100.0
12	325	11						100 / 500 / 200.0
13	326	Rinse	25 ml	1.0				
14	327							
15	328	V094H16B						
16	329	IV094H1B1						10 / 50 / 20.0
17	330	02						
18	331	Rinse	25 ml	1.0				
19	332							
20								
21								
22								
23								
24								
25								AS 8-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	V094H11

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC 8260	SV1-16-22-2	50/250
DCC Hex-Ald Gases	-25- -21-	250 250
DCC 2-Butanol	-19- -19-	250 250
BFB	SV1-15-97-1	50
IS/SURR	SV1-16-18-2 -18-3	250
LCS 8260	-23-2	50/250
LCS Hex-Ald	-16-2	250
LCS Gases/2-Butanol	SV1-12-38-2	250/100
SOLVENT	ID	
METHANOL		
DATA FILE	10H11	

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-10-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH CV094H133

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01		RDD158	BF094T68	2µL					T/CHECK 01:50
02		159	CV094H133	[illegible]					
03		160	V094I08	[illegible]					
04		161	C						
05		162	Rinse	25mL	1.0				
06		163	V094I08A						MB
07		164	Q						MB
08		165	10I108-01			<5	<50		TB
09		166	10I091-06			✓	✓		TB
10		167	-01			✓	✓		
11		168	-02			✓	✓		
12		169	-03			✓	✓		R/EX50
13		170	-04			✓	✓		R/EX R confirmation use this
14		171	-05			✓	✓		
15		172	Rinse						
16		173	10I108-02			✓	✓		
17		174	-03			✓	✓		R/EX 16:43
18		175	Rinse						
19									
20									
21									
22									
23									
24									
25									AS 9/10/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H11
STANDARDS	
NAME	ID / CONC (ng/µL)
DCC 8260	SV1-16-21-3
DCC Kel-Ar	-34-2
DCC 624	-26-3
DCC 2-Butanol	-19-1
BFB	-26-2
IS/SURR	-33-2
LCS 8260	-34-3
LCS Kel-Ar	-35-1
LCS 2-Butanol	SV1-12-3 50
SOLVENT	ID
METHANOL	
DATA FILE	10I09
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-10-10

Disposed By: AS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-13-16 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH CV094H135

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Q (ppm)	Matrix S	Notes
01		RID201	BFB94I10	2µl					TUNECK 09:39
02		202	Std Test	25/44/µl					
03		203	CV094H135	5ml					
04		204	V094I04	25/10/µl					10:53
05		205	C						
06		206	Rinse	25ml	10				
07		207	V094I08						
08		208	D						
09		209	10I091-03T	5ml	50	02	2.5		
10		210	Rinse	25ml	1.0				
11		211	10I091-05R			10.3	2.5		
12		212	10I139-09R						
13		213	10I148-05						TB
14		214	-12						TB
15		215	-01						
16		216	-02						HRXLS
17		217	-03						3106
18		218	-04						4RXL 5XL 10% (Contin XL)
19		219	10I166-02						EFAL R/RXL
20		220	-01						INFL. R/RXL 21:42
21		221-225	Rinses						
22									
23									
24									
25									AS 9/14/16

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-16
ICAL ID	V094H11

STANDARDS		
NAME	ID	CONC (mg/l)
DCC 8260	SVL-16-21-3	
DCC Kitchen	-34-2	
DCC Gasoline	-26-3	
DCC 2-Butanone	-24-3	
BFB	-26-2	50/50/100/250
IS/SURR.	-32-2	
LCS 8260	-36-3	
LCS Kitchen	-35-1	
LCS Gasoline	SVL-12-350 -35-3	

SOLVENT	ID
METHANOL	
DATA FILE	10I13

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-14-16

Disposed By: AS

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I091

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD RSK-175
DISSOLVED GASES

A total of five (5) water samples were received on 09/08/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI009WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC. SDG NO. : 1C1091
Project : NAS SEAL BEACH, IR SITE 70. Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Datetime	Extraction Datetime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DG1009WB	1	NA	09/15/1011:18	09/15/1009:45	F115003A	F115002A	DG1009W	Method Blank
LCS1W	DG1009WL	1	NA	09/15/1011:32	09/15/1009:45	F115004A	F115002A	DG1009W	Lab Control Sample (LCS)
LCD1W	DG1009WC	1	NA	09/15/1011:46	09/15/1009:45	F115005A	F115002A	DG1009W	LCS Duplicate
MW-70-PMW05A-A10	1091-01	1	NA	09/15/1015:25	09/15/1009:45	F115018A	F115015A	DG1009W	Field Sample
MW-70-PMW05A-A10DL	1091-01T	1000	NA	09/15/1017:25	09/15/1009:45	F115025A	F115015A	DG1009W	Diluted Sample
MW-70-PMW05B-A10	1091-02	1	NA	09/15/1015:42	09/15/1009:45	F115019A	F115015A	DG1009W	Field Sample
MW-70-PMW05B-A10DL1	1091-02T	5	NA	09/15/1015:09	09/15/1009:45	F115020A	F115015A	DG1009W	Diluted Sample
MW-70-PMW05B-A10DL2	1091-02T	1000	NA	09/15/1017:52	09/15/1009:45	F115027A	F115026A	DG1009W	Diluted Sample
IW-70-FSB10B-A10	1091-03	1	NA	09/15/1016:34	09/15/1009:45	F115022A	F115015A	DG1009W	Field Sample
IW-70-FSB10B-A10DL	1091-03T	1000	NA	09/15/1018:37	09/15/1009:45	F115030A	F115026A	DG1009W	Diluted Sample
IW-70-FSB11B-A10	1091-04	1	NA	09/15/1016:49	09/15/1009:45	F115023A	F115015A	DG1009W	Field Sample
IW-70-FSB11B-A10DL	1091-04T	1000	NA	09/15/1018:20	09/15/1009:45	F115029A	F115026A	DG1009W	Diluted Sample
MW-70-MWA03-A10	1091-05	1	NA	09/15/1017:10	09/15/1009:45	F115024A	F115015A	DG1009W	Field Sample
MW-70-MWA03-A10DL	1091-05T	5	NA	09/15/1018:50	09/15/1009:45	F115031A	F115026A	DG1009W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW05A-A10	Date Analyzed:	09/15/10 15:25
Lab Samp ID:	1091-01	Dilution Factor:	1
Lab File ID:	FI15018A	Matrix :	WATER
Ext Batch ID:	DG1009W	% Moisture :	NA
Calib. Ref.:	FI15015A	Instrument ID :	GC10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.91J	2.0	0.60
ETHENE	15	2.0	0.60
METHANE	610E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/08/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 101091	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW05A-A1001	Date Analyzed: 09/15/10 17:25
Lab Samp ID: 1091-01T	Dilution Factor: 1000
Lab File ID: F115U25A	Matrix : WATER
Ext Btch ID: DGI00VW	% Moisture : NA
Calib. Ref.: F115015A	Instrument ID : GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	16000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW058-A10	Date Analyzed:	09/15/10 15:42
Lab Samp ID:	1091-02	Dilution Factor:	1
Lab File ID:	F115019A	Matrix :	WATER
Ext Batch ID:	DG1009W	% Moisture :	NA
Calib. Ref.:	F115015A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	90E	2.0	0.60
METHANE	600E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	MW-70-PMW058-A10011	Date Analyzed:	09/15/10 16:04
Lab Samp ID:	1091-02T	Dilution Factor:	5
Lab File ID:	F115020A	Matrix	: WATER
Ext Btch ID:	DG1009W	% Moisture	: NA
Calib. Ref.:	F115015A	Instrument ID	: GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	95	10	3.0
METHANE	1600E	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/08/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 1D1091	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-PMW058-A100L2	Date Analyzed: 09/15/10 17:52
Lab Samp ID: 1091-021	Dilution Factor: 1000
Lab File ID: F115027A	Matrix : WATER
Ext Batch ID: DG1009W	% Moisture : NA
Calib. Ref.: F115026A	Instrument ID : GCTD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	IW-70-FS8108-A10	Date Analyzed:	09/15/10 16:34
Lab Samp ID:	I091-03	Dilution Factor:	1
Lab File ID:	F115022A	Matrix :	WATER
Ext Batch ID:	DG1009W	% Moisture :	NA
Calib. Ref.:	F115015A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	8.9	2.0	0.60
METHANE	540E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FFC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	IW-70-F5B1DB-A100L	Date Analyzed:	09/15/10 18:37
Lab Samp ID:	1091-03T	Dilution Factor:	1000
Lab File ID:	F115030A	Matrix :	WATER
Ext Btch ID:	DGI009W	% Moisture :	NA
Calib. Ref.:	F115026A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	22000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEO, INC.	Date Collected: 09/08/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 101091	Date Extracted: 09/15/10 09:45
Sample ID: IW-70-FSB11B-A10	Date Analyzed: 09/15/10 16:49
Lab Samp ID: 1091-04	Dilution Factor: 1
Lab File ID: FI15023A	Matrix : WATER
Ext Batch ID: DB1009W	% Moisture : NA
Calib. Ref.: FI15015A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	15	2.0	0.60
METHANE	550E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/08/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	IW 70 FSB118-A100L	Date Analyzed:	09/15/10 18:20
Lab Samp ID:	1D91-04T	Dilution Factor:	1000
Lab File ID:	F115029A	Matrix :	WATER
Ext Btch ID:	DG1009W	% Moisture :	NA
Calib. Ref.:	F115026A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	26000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT FEC, INC.	Date Collected: 09/08/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 101091	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-MNA03-A10	Date Analyzed: 09/15/10 17:10
Lab Samp ID: 1091-05	Dilution Factor: 1
Lab File ID: F115024A	Matrix : WATER
Ext Btch ID: DG1009W	% Moisture : NA
Calib. Ref.: F115015A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	7BE	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/08/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/08/10
Batch No. : 101091	Date Extracted: 09/15/10 09:45
Sample ID: MW-70-MNA03-A10DL	Date Analyzed: 09/15/10 18:50
Lab Samp ID: 1091-05T	Dilution Factor: 5
Lab File ID: F115031A	Matrix : WATER
Ext Btch ID: DG1009W	% Moisture : NA
Calib. Ref.: F115026A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	ND	10	5.0
METHANE	94	10	3.0

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEG, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/15/10
Batch No.	: 101091	Date Extracted:	09/15/10 09:45
Sample ID:	MBLKIW	Date Analyzed:	09/15/10 11:18
Lab Samp ID:	DG1009WB	Dilution Factor:	1
Lab File ID:	F115003A	Matrix :	WATER
Ext Btch ID:	DG1009W	% Moisture :	NA
Calib. Ref.:	F115002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: DG1009WB DG1009WL DG1009WC
LAB FILE ID: FI15003A FI15004A FI15005A
DATE EXTRACTED: 09/15/1009:45 09/15/1009:45 09/15/1009:45 DATE COLLECTED: NA
DATE ANALYZED: 09/15/1011:18 09/15/1011:32 09/15/1011:46 DATE RECEIVED: 09/15/10
PREP. BATCH: DG1009W DG1009W DG1009W
CALIB. REF: FI15002A FI15002A FI15002A

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	24.1	95	25.4	23.3	92	3	70-140	30
Ethene	ND	23.7	22.3	94	23.7	21.8	92	2	70-140	30
Methane	ND	13.6	12.5	92	13.6	11.8	86	6	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.54	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26059	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

AS
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Std Conc Init LFID & Datetime: FF080095A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF080088A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	15.6	29810.9	303151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10T08.MET

06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI15002A 09/15/2010 11:01
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.075	1.046	1.104	13.6	29810.9	374061	12.55	-7		15
Ethylene	2.650	2.599	2.701	23.7	18047.8	402555	22.31	-6		15
Ethane	3.092	3.047	3.142	25.4	26515.2	632370	23.85	-6		15
Propane	5.975	5.888	6.062	37.3	28066.5	1004588	35.79	-4		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI15015A 09/15/2010 14:29
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	29810.9	399858	13.41	-1		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	429441	23.80	0		15
Ethane	3.117	3.067	3.167	25.4	26515.2	674215	25.43	0		15
Propane	6.008	5.921	6.095	37.3	28066.5	1066607	38.00	2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI15026A 09/15/2010 17:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	382690	12.84	-5		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	411306	22.79	-4		15
Ethane	3.117	3.067	3.167	25.4	26515.2	641745	24.20	-5		15
Propane	6.000	5.913	6.087	37.3	28066.5	986370	35.14	-6		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF15032A 09/15/2010 19:07
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	29810.9	385115	12.92	-5		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	411757	22.82	-4		15
Ethane	3.108	3.058	3.158	25.4	26515.2	654819	24.70	-3		15
Propane	5.992	5.905	6.079	37.3	28066.5	1028926	36.66	-2		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG1CF08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc ~~(mg/L)~~ 6/8/10
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/fixchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: F108.009 - [Batch: f08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Calculator | Method: Dg10f08.met | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGI009 : 1066, 1091

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FI15
Method File:	DG10F08
Analytical Batch:	CDG10F08332

SOP #	Rev. #
☐ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX	

STANDARDS ID	Conc (µg/L)
DGAS DCC SS5B-06-40-2	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 9/15/10

Disposed By: SC

Date Disposed: 9/15/10

Method: Dg10f08.met Batch: Fi15.seq Data: Fi15.033 - [Batch: fi15.seq]

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	IB10I332	dg10f08.met	FI15.001	0	100ul	1	0	1
2	Unknown	CDG10F08332	dg10f08.met	FI15.002	0		1	0	1
3	Unknown	DG1009WB	dg10f08.met	FI15.003	0		1	0	1
4	Unknown	DG1009WL	dg10f08.met	FI15.004	0		1	0	1
5	Unknown	DG1009WC	dg10f08.met	FI15.005	0		1	0	1
6	Unknown	10I066-01 RR CH4E	dg10f08.met	FI15.006	0		1	0	1
7	Unknown	10I066-02 RR CH4E	dg10f08.met	FI15.007	0		1	0	1
8	Unknown	10I066-01T DF=5	dg10f08.met	FI15.008	0	20ul	1	0	5
9	Unknown	10I066-03 RR CH4,C2H4E	dg10f08.met	FI15.009	0	100ul	1	0	1
10	Unknown	10I066-02T DF=5	dg10f08.met	FI15.010	0	20ul	1	0	5
11	Unknown	10I066-04 RR CH4E	dg10f08.met	FI15.011	0	100ul	1	FINAL 0	1
12	Unknown	10I066-03T DF=100	dg10f08.met	FI15.012	0	10ul (10x)	1	0	100
13	Unknown	10I066-05	dg10f08.met	FI15.013	0	100ul	1	0	1
14	Unknown	10I066-04T DF=20	dg10f08.met	FI15.014	0	5ul	1	0	20
15	Unknown	CDG10F08333	dg10f08.met	FI15.015	0	100ul	1	0	1
16	Unknown	10I066-06 RR CH4,C2H4E	dg10f08.met	FI15.016	0		1	0	1
17	Unknown	10I066-06T DF=10 RR CH4E	dg10f08.met	FI15.017	0	10ul	1	0	10
18	Unknown	10I091-01 RR CH4E	dg10f08.met	FI15.018	0	100ul	1	0	1
19	Unknown	10I091-02 RR CH4,C2H4E	dg10f08.met	FI15.019	0		1	0	1
20	Unknown	10I091-02T DF=5 RR CH4E	dg10f08.met	FI15.020	0	20ul	1	0	5
21	Unknown	10I066-06I DF=1000	dg10f08.met	FI15.021	0	2ul (20x)	1	0	1000
22	Unknown	10I091-03 RR CH4E	dg10f08.met	FI15.022	0	100ul	1	0	1
23	Unknown	10I091-04 RR CH4E	dg10f08.met	FI15.023	0		1	0	1
24	Unknown	10I091-05 RR CH4E	dg10f08.met	FI15.024	0		1	0	1
25	Unknown	10I091-01T DF=1000	dg10f08.met	FI15.025	0	2ul (20x)	1	0	1000
26	Unknown	CDG10F08334	dg10f08.met	FI15.026	0	100ul	1	0	1
27	Unknown	10I091-02I DF=1000	dg10f08.met	FI15.027	0	2ul (20x)	1	0	1000
28	Unknown	10I091-03I DF=1000 Bad Int.	dg10f08.met	FI15.028	0	2ul (20x)	1	0	1000
29	Unknown	10I091-04T DF=1000	dg10f08.met	FI15.029	0	2ul (20x)	1	0	1000
30	Unknown	10I091-03T DF=1000	dg10f08.met	FI15.030	0	2ul (20x)	1	0	1000
31	Unknown	10I091-05T DF=5	dg10f08.met	FI15.031	0	20ul	1	0	5
32	Unknown	CDG10F08335	dg10f08.met	FI15.032	0	100ul	1	0	1
33	Unknown	IB	dg10f08.met	FI15.033	0		1	0	1
34	Unknown	IB	dg10f08.met	FI15.034	0		1	0	1
35	Unknown	IB	dg10f08.met	FI15.035	0		1	0	1

9/15/10

Start | EZChrom Chromatograp | Method: Dg10f08.... | Untitled - Paint | Method: Dg10f08.met | Exploring - Export | Calculator | Wednesday, September 15, 2010 7:21 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/15/10 Time: 9:45 End Date: 9/15/10 Time: 11:00

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGI009 WB	39	4	4A	
02	L				
03	C				
04	10I066 - 01			<2	
05	-02				
06	-03				
07	-04				
08	-05				
09	-06				
10	10I091 - 01			<2	
11	-02				
12	-03				
13	-04				
14	-05				
15					
16					
17					
18					
19					SC 9/15/10
20					
21					
22					
23					
24					
25					

PREPARATION BATCH - DGI009

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	
He	

SDG #	Extract Location

Comments:
Thermometer RSK175-01

Prepared By: SC

Standard Added By: SC

EDG-023

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # FDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				x	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

H0234

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I091

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of two (2) water samples were received on 09/08/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI073WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client: INSIGHT ESC, INC.
Project: NWS SFA PFAS- IR SITE 70.

SDG NO: 10F091
Instrument ID: T-ICP

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLKIW	IP1073WB	1	NA	09/23/1016:43	09/22/1010:00	ID81024044	ID81024042	IP1073W	Method Blank
LCSIW	IP1073WL	1	NA	09/23/1016:48	09/22/1010:00	ID81024045	ID81024042	IP1073W	Lab Control Sample (LCS)
LCDIW	IP1073WC	1	NA	09/23/1016:53	09/22/1010:00	ID81024046	ID81024042	IP1073W	LCS Duplicate
MW-70-PMW046-A10AS	1075-02A	1	NA	09/23/1016:58	09/22/1010:00	ID81024047	ID81024042	IP1073W	Analytical Spike Sample
MW-70-PMW046-A10	1075-02	1	NA	09/23/1017:03	09/22/1010:00	ID81024048	ID81024042	IP1073W	Field Sample
MW-70-PMW046-A10DL	1075-02D	5	NA	09/23/1017:08	09/22/1010:00	ID81024049	ID81024042	IP1073W	Diluted Sample
MW-70-PMW058-A10	1091-01	1	NA	09/23/1018:30	09/22/1010:00	ID81024064	ID81024054	IP1073W	Field Sample
MW-70-PMW058-A10	1091-02	1	NA	09/23/1018:35	09/22/1010:00	ID81024065	ID81024054	IP1073W	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT EEC, INC	Date Collected:	09/08/10 09:00
Project	: NWS SEAL BEACH IR SITE 70.	Date Received:	09/08/10
SDG NO.	: 101091	Date Extracted:	09/22/10 10:00
Sample ID:	MW-70-PMWC5A-A16	Date Analyzed:	09/23/10 18:30
Lab Samp ID:	1091-01	Dilution Factor:	1
Lab File ID:	I08I024064	Matrix	: WATER
Ext Batch ID:	PIC73W	% Moisture	: NA
Calib. Ref :	I08I024054	Instrument ID	: FMAXI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	3.36	0.200	0.0400
Manganese	0.815	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ECO. INC.	Date Collected:	09/08/10 09:38
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/08/10
SDG NO.	: 101091	Date Extracted:	09/22/10 10:00
Sample ID.	: MW 70 PMW06B-A10	Date Analyzed:	09/23/10 18:35
Lab Samp ID	: 1091-02	Dilution Factor:	1
Lab File ID	: 1081024065	Matrix	: WATER
Ext Blch ID.	: IP1073W	% Moisture	: NA
Calib. Ref.:	1081024054	Instrument ID	: EMAXI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00600
Iron	0.374	0.200	0.0400
Manganese	0.190J	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ECO. INC	Date Collected:	NA
Project	NWS SEA. BEACH. IR SITE 70.	Date Received:	09/22/10
SDG NO.	101091	Date Extracted:	09/22/10 10:00
Sample ID	MBLKW	Date Analyzed:	09/22/10 16:43
Lab Samp ID	I101073W3	Dilution Factor:	1
Lab File ID	I08I024044	Matrix :	WATER
Ext Btch ID	I101073W	% Moisture :	NA
Calib. Ref.	I08I024042	Instrument ID :	FMAXT108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

LMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ENG. INC
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO 101091
METHOD METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID	MBLK1W				
CONTROL NO	IP1073WB	IP1073WC	IP1073WD		
LAB FILE ID.	ID81024044	ID81024045	ID81024046		
DATTIME EXTRCTD:	09/22/1010:00	09/22/1010:00	09/22/1010:00	DATE COLLECTED:	NA
DATTIME ANALYZD:	09/23/1016:43	09/23/1016:48	09/23/1016:53	DATE RECEIVED:	09/22/10
PREP BATCH:	IP1073W	IP1073W	IP1073W		
CALIB. REF.	ID81024042	ID81024042	ID81024042		

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.529	106	5	.529	106	0	80 120	20
Iron	ND	5	5.22	104	5	5.2	104	0	80 120	20
Manganese	ND	.5	.48	96	5	.48	96	0	80 120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT ECO, INC
PROJECT: NWS SEAL BEACH, CR SITE 70
BATCH NO.: 101091
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 5
SAMPLE ID: MW-70-PMW04B-A10 MW 70-PMW043 A100L
EMAX SAMP ID: 1075-02 1075 02J
LAB FILE ID: I081024048 I081024049
DATE EXTRACTED: 09/22/1010:00 09/22/1010:00 DATE COLLECTED: 09/07/10 [illegible]
DATE ANALYZED: 09/23/1017:03 09/23/1017:08 DATE RECEIVED: 09/07/10
PREP. BATCH: IPI073W IPI073W
CALIB. REF: I081024042 I081024042

ACCESSION

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	0.360	0.370J	NA	10
Manganese	0.221	0.214J	NA	10

LMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ENG. INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101091
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILTN FACTR: 1 1
SAMPLE ID: MW-70-FMW048-A00
CONTROL NO.: I075 02 I075 02A
LAB FILE ID: ID81024048 ID81024047
DATIME EXTRCTD: 09/22/1010:00 09/22/1010:00 DATE COLLECTED: 09/07/10 1:50
DATIME ANALYZD: 09/23/1017:03 09/23/1016:58 DATE RECEIVED: 09/07/10
PREP. BATCH: IP1073W IP1073W
CALIB. REF.: ID81024042 ID81024042

ACCESSION:

PARAMETER	SMPL RSL (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Arsenic	ND	.5	.559	112	75-125
Iron	38	5	5.6	104	75-125
Manganese	221	.5	.695	96	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/23/10 12:50

End Date: 9/24/10 11:53

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

I097-03 NA7202
06
-13
17
I129-02
04
– I235-14 dried/sieved cancelled.
CW19/CCB19 mis-positioned due to deletion of I235-14 in sequence.

Book #: ADB-016

Instrument No.: DB

Analytical Batch: 11D81024

Analytical Sequence: S-10I6010(V37)

Method File: 10I6010(V37)

Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SM1B14-05-01	S30	SM1B14-02-03
S1	NA	S31	02-04
S2		ICV	SM1B12 94-02
S3		CCV	SM1B12-04-02
S4		ICSA	06-01
S5		ICSAB	03-03
S6		CRI/MRL	NA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B12-85-01
S10		MRL2	85-02
S11			
S12			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12-100-02		
S27	100-03		
S28	SM1B14-02-01		
S29	02-02		

Analyzed By: TH

Date: 9/23/10

SEQUENCE FILE ID61024

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
ID81024001	Blank	12:50	09/23/10	1.000
ID81024002	S20	12:55	09/23/10	1.000
ID81024003	S21	13:00	09/23/10	1.000
ID81024004	S22	13:05	09/23/10	1.000
ID81024005	S23	13:10	09/23/10	1.000
ID81024006	S24	13:16	09/23/10	1.000
ID81024007	S25	13:21	09/23/10	1.000
ID81024008	S26	13:26	09/23/10	1.000
ID81024009	S27	13:31	09/23/10	1.000
ID81024010	S28	13:36	09/23/10	1.000
ID81024011	S29	13:42	09/23/10	1.000
ID81024012	S30	13:47	09/23/10	1.000
ID81024013	S31	13:52	09/23/10	1.000
ID81024014	D7	13:57	09/23/10	1.000
ID81024015	D8	14:02	09/23/10	1.000
ID81024016	MBL2401	14:07	09/23/10	1.000
ID81024017	MBL2402	14:12	09/23/10	1.000
ID81024018	D5A1	14:17	09/23/10	1.000
ID81024019	D5A61	14:22	09/23/10	1.000
ID81024020	0161	14:31	09/23/10	1.000
ID81024021	0162	14:36	09/23/10	1.000
ID81024022	IP10764B	14:42	09/23/10	1.000
ID81024023	IP10764L	14:46	09/23/10	1.000
ID81024024	IP10764C	14:51	09/23/10	1.000
ID81024025	2222217	14:55	09/23/10	1.000
ID81024026	1320-01	15:01	09/23/10	1.000
ID81024027	1320-01C	15:05	09/23/10	5.000
ID81024028	1320-02	15:11	09/23/10	1.000
ID81024029	1320-03	15:16	09/23/10	1.000
ID81024030	1320-04	15:21	09/23/10	1.000
ID81024031	0162	15:31	09/23/10	1.000
ID81024032	0162	15:36	09/23/10	1.000
ID81024033	IP1277SS	15:41	09/23/10	1.000
ID81024034	IP1277SA	15:45	09/23/10	1.000
ID81024035	IP1277SP	15:50	09/23/10	1.000
ID81024036	1296-01A	15:55	09/23/10	1.000
ID81024037	1296-01B	16:00	09/23/10	1.000
ID81024038	1296-01C	16:06	09/23/10	5.000
ID81024039	1320-11A	16:14	09/23/10	1.000
ID81024040	1320-11M	16:19	09/23/10	1.000
ID81024041	1327-015	16:24	09/23/10	1.000
ID81024042	0073	16:33	09/23/10	1.000
ID81024043	0073	16:38	09/23/10	1.000
ID81024044	IP1073WB	16:43	09/23/10	1.000
ID81024045	IP1073WL	16:48	09/23/10	1.000
ID81024046	IP1073WC	16:53	09/23/10	1.000
ID81024047	1075-026	16:58	09/23/10	1.000
ID81024048	1075-02	17:03	09/23/10	1.000
ID81024049	1075-02J	17:08	09/23/10	5.000
ID81024050	1075-02P	17:13	09/23/10	1.000
ID81024051	1075-02S	17:18	09/23/10	1.000
ID81024052	1075-01	17:24	09/23/10	1.000
ID81024053	1075-24	17:29	09/23/10	1.000
ID81024054	0174	17:35	09/23/10	1.000

ID81024055	1F64	17:43	09/23/10	1.000
ID81024056	1097-02	17:49	09/23/10	1.000
ID81024057	1097-03	17:55	09/23/10	1.000
ID81024058	1097-06	17:58	09/23/10	1.000
ID81024059	1097-08	18:03	09/23/10	1.000
ID81024060	1097-10	18:09	09/23/10	1.000
ID81024061	1097-13	18:14	09/23/10	1.000
ID81024062	1097-16	18:19	09/23/10	1.000
ID81024063	1097-17	18:24	09/23/10	1.000
ID81024064	1091-01	18:30	09/23/10	1.000
ID81024065	1091-02	18:31	09/23/10	1.000
ID81024066	0076	18:46	09/23/10	1.000
ID81024067	0085	18:51	09/23/10	1.000
ID81024068	1112-10	18:56	09/23/10	1.000
ID81024069	1112-11	19:01	09/23/10	1.000
ID81024070	1063-08	19:07	09/23/10	1.000
ID81024071	1063-09	19:12	09/23/10	1.000
ID81024072	1065-02	19:17	09/23/10	1.000
ID81024073	1129-02	19:22	09/23/10	1.000
ID81024074	1129-04	19:27	09/23/10	1.000
ID81024075	0066	19:33	09/23/10	1.000
ID81024076	0066	19:43	09/23/10	1.000
ID81024077	JP1077w2	19:48	09/23/10	1.000
ID81024078	JP1077wL	19:53	09/23/10	1.000
ID81024079	JP1077wC	19:58	09/23/10	1.000
ID81024080	1120-01A	20:03	09/23/10	1.000
ID81024081	1120-01	20:09	09/23/10	1.000
ID81024082	1121-01C	20:14	09/23/10	5.000
ID81024083	1642	20:23	09/23/10	1.000
ID81024084	1034R7	20:28	09/23/10	1.000
ID81024085	0097	20:33	09/23/10	1.000
ID81024086	0087	20:44	09/23/10	1.000
ID81024087	JP10-090	20:49	09/23/10	1.000
ID81024088	JP10-09A	20:54	09/23/10	1.000
ID81024089	JP10-091	20:59	09/23/10	1.000
ID81024090	1296-01A	21:04	09/23/10	1.000
ID81024091	1296-01W	21:13	09/23/10	1.000
ID81024092	1296-01C	21:18	09/23/10	0.000
ID81024093	1221-04A	21:23	09/23/10	1.000
ID81024094	1221-04W	21:27	09/23/10	1.000
ID81024095	1221-04C	21:33	09/23/10	5.000
ID81024096	0098	21:43	09/23/10	1.000
ID81024097	0088	21:48	09/23/10	1.000
ID81024098	JP107250	21:54	09/23/10	1.000
ID81024099	JP10-25L	21:59	09/23/10	1.000
ID81024100	JP10-25C	22:04	09/23/10	1.000
ID81024101	1077-01A	22:08	09/23/10	1.000
ID81024102	1077-01	22:14	09/23/10	1.000
ID81024103	1077-01C	22:19	09/23/10	5.000
ID81024104	1077-01M	22:24	09/23/10	1.000
ID81024105	1077-01S	22:29	09/23/10	1.000
ID81024106	1077-02	22:34	09/23/10	1.000
ID81024107	1077-03	22:40	09/23/10	1.000
ID81024108	0099	22:49	09/23/10	1.000
ID81024109	0089	22:54	09/23/10	1.000
ID81024110	1077-04	22:59	09/23/10	1.000
ID81024111	1077-05	23:04	09/23/10	1.000

1D81024112	1077-06	23:03	09/23/10	1.000
1D81024113	1077-07	23:15	09/23/10	1.000
1D81024114	1077-08	23:20	09/23/10	1.000
1D81024115	1077-09	23:25	09/23/10	1.000
1D81024116	1077-10	23:30	09/23/10	1.000
1D81024117	1077-11	23:34	09/23/10	1.000
1D81024118	1077-12	23:40	09/23/10	1.000
1D81024119	1077-13	23:45	09/23/10	1.000
1D81024120	0C910	23:54	09/23/10	1.000
1D81024121	0C910	23:59	09/23/10	1.000
1D81024122	1077-14	00:04	09/24/10	1.000
1D81024123	1077-15	00:10	09/24/10	1.000
1D81024124	1077-16	00:15	09/24/10	1.000
1D81024125	1077-17	00:20	09/24/10	1.000
1D81024126	1077-18	00:25	09/24/10	1.000
1D81024127	1077-19	00:30	09/24/10	1.000
1D81024128	1077-20	00:35	09/24/10	1.000
1D81024129	0C911	00:44	09/24/10	1.000
1D81024130	0C811	00:49	09/24/10	1.000
1D81024131	TR1C0658	00:54	09/24/10	1.000
1D81024132	1461-01A	00:59	09/24/10	1.000
1D81024133	1461-01	01:04	09/24/10	1.000
1D81024134	1461-01B	01:10	09/24/10	1.000
1D81024135	1461-01M	01:15	09/24/10	1.000
1D81024136	1462-01S	01:20	09/24/10	1.000
1D81024137	1462-03	01:25	09/24/10	1.000
1D81024138	1462-04	01:30	09/24/10	1.000
1D81024139	1464-01	01:35	09/24/10	1.000
1D81024140	0C912	01:40	09/24/10	1.000
1D81024141	0C812	01:51	09/24/10	1.000
1D81024142	TR1C0658	01:56	09/24/10	1.000
1D81024143	TR1C0658	02:02	09/24/10	1.000
1D81024144	TR1C0658	02:06	09/24/10	1.000
1D81024145	1235-01A	02:12	09/24/10	10.00
1D81024146	1235-01T	02:15	09/24/10	10.00
1D81024147	1235-01J	02:23	09/24/10	10.00
1D81024148	1235-01M	02:26	09/24/10	10.00
1D81024149	1235-02S	02:31	09/24/10	10.00
1D81024150	1235-02T	02:36	09/24/10	10.00
1D81024151	1235-02J	02:41	09/24/10	10.00
1D81024152	0C913	02:50	09/24/10	1.000
1D81024153	0C813	02:55	09/24/10	1.000
1D81024154	1235-04T	03:00	09/24/10	10.00
1D81024155	1235-05T	03:05	09/24/10	10.00
1D81024156	1235-05T	03:10	09/24/10	10.00
1D81024157	1235-06T	03:15	09/24/10	10.00
1D81024158	1235-06T	03:20	09/24/10	10.00
1D81024159	1235-06T	03:25	09/24/10	10.00
1D81024160	1235-07T	03:30	09/24/10	10.00
1D81024161	1235-07T	03:36	09/24/10	10.00
1D81024162	1235-12T	03:41	09/24/10	10.00
1D81024163	1235-14T	03:45	09/24/10	10.00
1D81024164	0C914	03:55	09/24/10	1.000
1D81024165	0C814	04:00	09/24/10	1.000
1D81024166	1235-13T	04:05	09/24/10	10.00
1D81024167	1235-16T	04:10	09/24/10	10.00
1D81024168	1235-17T	04:15	09/24/10	10.00

[D81024169	1235-18T	04:21	09/24/10	10 00
[D81024170	1235-19T	04:26	09/24/10	10 00
[D81024171	1235-20T	04:30	09/24/10	10 00
[D81024172	1235 21T	04:36	09/24/10	10 00
[D81024173	01215	04:44	09/24/10	1 000
[D81024174	00815	04 49	09/24/10	1 000
[D81024175	TP10755B	04.54	09/24/10	1 000
[D81024176	TP10755A	04:55	09/24/10	1.000
[D81024177	TP10755C	05:04	09/24/10	1.000
[D81024178	1187-01A	05:09	09/24/10	1 000
[D81024179	1187-01	05.14	09/24/10	1 000
[D81024180	1187-01B	05 19	09/24/10	5.000
[D81024181	1187-02A	05 24	09/24/10	1.000
[D81024182	1187-02B	05:29	09/24/10	1 000
[D81024183	1187-02	05 34	09/24/10	1.000
[D81024184	1187-03	05 39	09/24/10	1.000
[D81024185	00715	05 46	09/24/10	1.000
[D81024186	00815	05:53	09/24/10	1 000
[D81024187	1187-04	05.58	09/24/10	1.000
[D81024188	1187-05	06:03	09/24/10	1.000
[D81024189	1187-06	06:08	09/24/10	2 000
[D81024190	1187-07	06.13	09/24/10	1 000
[D81024191	1187-08	06 18	09/24/10	1 000
[D81024192	1187-09	06:23	09/24/10	1.000
[D81024193	1187-10	06:28	09/24/10	1.000
[D81024194	1054B	06:37	09/24/10	1.000
[D81024195	1054B3	06:42	09/24/10	1.000
[D81024196	00417	06:51	09/24/10	1 000
[D81024197	00817	06 56	09/24/10	1 000
[D81024198	TP10715B	07.02	09/24/10	1 000
[D81024199	TP10715A	07:07	09/24/10	1.000
[D81024200	TP10715C	07 12	09/24/10	1 000
[D81024201	1235-01A	07:17	09/24/10	1.000
[D81024202	1235 01	07:22	09/24/10	1 000
[D81024203	1235-01B	07.27	09/24/10	5 000
[D81024204	1235-01B	07:32	09/24/10	1 000
[D81024205	1235-02B	07 37	09/24/10	1.000
[D81024206	1235-02	07 42	09/24/10	1 000
[D81024207	1235-03	07 47	09/24/10	1 000
[D81024208	00718	07:54	09/24/10	1 000
[D81024209	00318	08.02	09/24/10	1 000
[D81024210	1235-04	08:07	09/24/10	1.000
[D81024211	1235-05	08:12	09/24/10	1.000
[D81024212	1235-06	08:17	09/24/10	1 000
[D81024213	1235-07	08:22	09/24/10	1 000
[D81024214	1235-08	08 28	09/24/10	1 000
[D81024215	1235-09	08:33	09/24/10	1.000
[D81024216	1235-10	08 38	09/24/10	1.000
[D81024217	1235-11	08 43	09/24/10	1 000
[D81024218	1235-12	08 48	09/24/10	1 000
[D81024219	00919	08 57	09/24/10	1 000
[D81024220	00815	09 02	09/24/10	1.000
[D81024221	1235-15	09 07	09/24/10	1.000
[D81024222	1235-16	09:13	09/24/10	1.000
[D81024223	1235-17	09:18	09/24/10	1.000
[D81024724	1235-18	09:23	09/24/10	1.000
[D81024725	1235-19	09:28	09/24/10	1 000

ID81024226	I235-20	09:33	09/24/10	1.000
ID81024227	I235-21	09:38	09/24/10	1.000
ID81024228	CC#20	09:47	09/24/10	1.000
ID81024229	CC#70	09:52	09/24/10	1.000
ID81024230	I235-04W	10:07	09/24/10	1.000
ID81024231	I235-05W	10:12	09/24/10	1.000
ID81024232	I235-06W	10:18	09/24/10	1.000
ID81024233	I235-07W	10:23	09/24/10	1.000
ID81024234	I235-08W	10:28	09/24/10	1.000
ID81024235	I235-09W	10:33	09/24/10	1.000
ID81024236	I235-10W	10:38	09/24/10	1.000
ID81024237	I235-11W	10:43	09/24/10	1.000
ID81024238	I235-12W	10:49	09/24/10	1.000
ID81024239	CC#21	10:58	09/24/10	1.000
ID81024240	CC#21	11:03	09/24/10	1.000
ID81024241	I235-15W	11:09	09/24/10	1.000
ID81024242	I235-16W	11:13	09/24/10	1.000
ID81024243	I235-17W	11:18	09/24/10	1.000
ID81024244	I235-18W	11:23	09/24/10	1.000
ID81024245	I235-19W	11:28	09/24/10	1.000
ID81024246	I235-20W	11:33	09/24/10	1.000
ID81024247	I235-21W	11:39	09/24/10	1.000
ID81024248	CC#22	11:46	09/24/10	1.000
ID81024249	CC#77	11:52	09/24/10	1.000

VERSION : TLA UNIT : A SUMMARY of ICV and ICB DATE : 09/23/13 INST : EMSX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	104	101	103	95	102	97	100	99	94	41	98	94	93	96	93	91	97	98	96	100	99	102	95	94	96	96	98	103
ICB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL240I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL240S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	96	----	----	----	----	----	----	93	----	----	----	93	----	----	95	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	95	103	103	103	98	94	100	92	98	91	102	93	89	101	93	87	103	95	102	104	106	105	95	97	95	95	95	101
CCV1	101	104	104	102	106	100	102	102	102	95	101	93	96	99	95	94	102	101	101	105	102	103	98	96	100	100	102	108
CCB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI076WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI076WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI076WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
777732	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C142	103	104	102	103	106	96	102	102	100	96	100	98	96	99	99	93	101	100	99	105	102	102	97	95	100	101	102	107
C162	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI07360	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI07362	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI07363	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1290-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1290-01H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1290-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
C142	104	104	103	102	106	99	102	103	101	95	100	99	96	99	96	94	101	100	99	104	102	103	97	95	101	100	102	107
C233	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI073WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI073WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPI073WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1275-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1275-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1275-02J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1275-02K	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1275-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	105	104	104	101	105	100	102	103	101	95	101	103	96	99	96	95	101	103	99	104	102	104	98	95	101	102	102	107

0234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1097-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-		-
1097-03	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1097-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1097-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1097-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1097-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1097-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1097-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1091-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1091-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0095	104	104	105	101	106	100	102	104	102	95	101	101	96	102	96	96	101	103	99	105	103	105	96	96	101	104	102	109
0065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1112-10	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1112-11	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
1089-09	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1089-05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1086-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1129-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1129-24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0096	102	104	105	102	105	101	107	104	102	95	103	98	96	100	97	95	101	103	109	106	104	104	99	96	100	103	103	105
0066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0107-03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0107-04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0107-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1129-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1129-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0052	95	-	-	-	-	-	-	95	-	-	-	95	-	-	96	-	-	-	-	-	-	-	-	-	-	-	-	-
0052-02	99	106	108	105	100	98	101	95	95	92	102	95	93	103	97	91	101	96	105	108	109	109	97	92	96	99	99	109
0047	112	104	107	103	105	102	102	104	103	95	105	93	96	100	97	96	101	95	104	108	104	105	98	96	99	103	103	108
0067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-030	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-050	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1206-012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1296-014		-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1296-011	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1221-044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1221-046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1221-041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0078	103	104	105	104	104	102	107	104	102	95	103	101	97	102	96	97	102	100	103	108	104	107	103	98	99	99	102	109
0083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1210-037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0129	102	105	109	105	104	103	102	104	103	95	102	100	96	102	98	97	102	100	104	110	104	107	100	97	99	100	102	109
0093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1077-05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1077-06	----	----	---	-	----	----	----	----	----		---	----	----	----	----	---	---	---	---	----	----	----	- --		----	----				
1077-07	-		----	----	----	----			---	----	----	----	---		----	----	----	--	----	-	----	----	----	----	----		----	----		
1077-08	----	----	----		----	----	----	----	----	-	----	----	----	----	----	---	---	---	----	----	----	----	- -	----	----	----	--	----		
1077-09	----	----	----	----	----	-		----	----	----	----	----	-	-	----	----	----	---	----	-	----	----	----	----	---		----	----		
1077-10	----	-- -	----	-	----	----	----	----	---	--	----	----	---	----	----	--	----	--	----	----	---	----	---	----	----	----	---	----		
1077-11	-- -	----	----	--		---	----	----	----	----	----	----	----	----	----	----	---	----	----	---	---	----	-	---	----	----	----	-- -		
1077-12	---	---	----	----	----	-		- --	----		--	----	----	----	----	----	----	--	--	----	----	----	----	----	-	---		----		
1077-13	----	--	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	--	--	----	----	----	----	----	
CC#12	104	104	109	105	104	103	102	105	103	95	104	102	97	102	96	99	102	100	102	109	106	109	100	95	95	99	102	106		
CC#13	----	----	----	----	----	---		- --	----	----	----	----	--	-	----	----	---	----	----	----	----	----	- -	---	----	----	----	----		
1077-14	----	-	----	----	----	----	----	-	---	----	---	--	----	----	-	----	----	- --	--	----		----	----	----	----	----	---	----		
1077-15	----	----	----	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	---	--	----	----	----	----	----	----	---	----		
1077-16	----	----	----	----	----	----	---		----	---		-	----	----	----	----	----	--	--	----	----	----	----	----	-	----	---	----		
1077-17	- -	--	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	-	----	----	----	----	----	----	----		
1077-18	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----	----	----	----	---	----	----	---	----	----	----	----	----		
1077-19	----	----	----	-	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	-	----	----	----	----	----	----	----		
1077-20	--	-	----	---	-	----	-- -	--	-- -	----	----	-	----	- -	----	----	----	---	---	----	---	--	----	----	- -	----	----	----		
CC#11	102	104	110	105	104	103	102	105	104	94	103	101	97	102	95	98	102	100	104	110	105	108	100	98	95	99	102	109		
CC#10	----	--	----	----	----	--	-	----	----	----	----	----	----	----	----	--	----	----	----	----	----	--	----	----	----	----	----	----		
TA100659	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	-	----	----	----	----	----		
1461-01A	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----		
1461-01	- -	----	---	---	----	----	----	---	----	---	----	----	----	-	----	----	---	----	----	----	----	-	----	----	----	----	----	----		
1461-01J	--		----	----	----	----	----	----	-- -	- -	----	-	----	----	---	---	- -	- -	----	----	- --	----	--	- -	----	----	---	-		
1461-01M	----	----	-	----	----	----	----	----	----	----	----	----	--	---	----	----	----	---	---	----	----	----	----	---	----	----	----	----		
1461-01S	----	----	----	----	----	----	-	----	----	----	----	----	----	----	----	- --	----	----	----	----	-	----	----	----	---	----	----	----		
1462-03	---	---	----	----	----	----	----	--	---	-	---	----	----	----	----	---	----	----	----	----	---	---	----	----	----	---	----	----		
1462-05	----	----	----	-	----	----	----	----	----	----	----	----	----	--	----	----	--	----	----	----	----	-	----	----	----	----	----	----		
1484-01	----	---	----	----		----	----	----	----	----	----	----	----	----	- -	----	----	--	----	--	- --	----	----	-	----	---	----	----		
CC#12	103	104	110	105	103	103	102	105	104	94	104	102	97	102	96	97	102	100	102	110	105	108	101	98	99	99	102	109		
CC#12	--	----	----	----	----	----	----	-	---		----	----	----	----	----	---	----	----	----	---	----	----	----	----	----		----	----		
TP100659	--	-	----	----	----	----	----	----	--	----	--	-	----	----	----	----	- --	----	----	----	----		----	-	----	----	----	----		
TP1D659L	----	----	----	----	-	-	----	----	----	----	----	---		----	----	----	----	---	--	----	----	----	----	-	----	----	----	----		
TP1D659T	-- -	----	----	----	----	----	--	-	----		----	----	----	----	-	----	----	----	----	--	----	----	----	--	---	----	----	----		
1235-01A	--	--	----	--	----	- -	----	----		- --		--	----	----	----	----	--	----	----	---	----		----	----	----	--	- --	---		
1235-01T	----	- --	-	---	----	-- -	----	----	----	----	----	----	-	--	----	-	----	----	----	---	--	----	----	---	----	--	---	-		
1235-02A	----	----	----	---		----	----	----	----	- --	----	----	----	----	-	----	----	----	---	--	----	----	----	---	--	----	----	----		
1235-02N	----	--	-	----	----	---		--	----	-		---	----	----	---	-	----	----	----	--	--	----	----	----	----	-	-	----		
1235-03B	----	----	---	-	----	----	----	----	----	----	----	----	---	-	----	----	----	--	-	----	----	----	--	---	----	---	----	-		
1235-07T	----	----	----	----		--	----	----	----	---	----	----	----	----	--	----	----	----	--	---	----	----	----		----	----	----	----		
1235-07T	----	- --	---	---	---	- -	- -	---	- -	----	----	- -		---	---	--		-	----	-	.	----	----	----	----	--	--	----		
CC#13	101	104	109	106	104	103	102	104	104	95	103	102	97	103	95	98	102	100	105	110	105	108	100	96	99	99	102	109		
CC#13	----	-	---	----	----	----	-	--	----	---		---	----	----	--	----	----	---	---	-- -	----	----	--	--	----	----	----	----		
1235-04T	----	----	--	----	----	----	----	----	--	----	----	----	-	----	----	---	---	- -	----	----	--	---	----	--	----	----	----	----		
1235-05T	-	----	----	-	--	----	----	----	----	----	----	----	----	-	----	----	- -	--	--	----	----	-	----	----	----	----	----	----		
1235-06T	----	--	----	----	----	---		----	----		-	----	----	----	--	----	--	----	- -	----	----	---	--	----	----	----	----	---		
1235-07T	----	---	-- -	----	---		-	--	- -	----	---	-	----	----	----	-	----	----	---	--	-	----	---	---	--	---	- --	----	-	
1235-08T	---	--	----	----	----		--	----	----	----	----	----	----	----	-	----	----	---	----	---	----	---	-	----	----	---	----	----		
1235-09T	----	----	----		----	----	----	----	----	----	----	----	-	---	----	---	---	- -	----	--	---	----	----	-	----	----	----	----		
1235-10T	----	----	----	---	-	----	----	----	----	----	----	----	----	-	----	----	--	-	----	----	----	---	----	----	----	-- -		----		
1235-11T	----		----	----	----	----		----	----		--	----	----	--	----	----	- -	--	---	----	----	--	----	----	----	-- -		----		
1235-12T	---	--	---	----	----	----	--	-	----	--	-	---	----	----	-	----	----	----	---	---	----	----	----	-	----	----	---	----		
1235-13T	- -	----	----	----	----	-	- -	- --	----	----	----	----	---	----	--	----	----	----	- -	----	----	----	----	-	----	----	----	----		
CC#14	102	104	110	105	104	103	102	104	104	95	103	101	97	103	95	97	102	101	104	110	105	109	101	98	99	99	102	108		
CC#14	----	----	---	----	----	----	----	----	- -	----	----	---	----	----	----	--	----	----	----	--	----	----	----	----	----	---	----	----		
1235-15T	----	- -	----	----	----	--	--	----	----	-	----	----	----	--	----	----	---	--	----	----	--	----	----	----	---	---	----	----		
1235-16T	---	---	- --	----	----	----	--	---	----	---	-	----	----	----	----	- -	----	----	----	----	--	----	----	---	----	--	--	----		
1235-17T	----	----	--	----	----	----	---		---	----	----	-	----	----	--	----	----	----	----	--	----	----	----	--	----	----	----	----		

1205-197	----	----	--		----	----	---	---	----	----	----	----	--	-	----	----	----	----	----	----	----	----	-	-	----	----	----	----		
1206-197	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	-	----	----	----	----	----	----	---				
1205-207	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	----	----		-	----	----		
1206-207	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	-	--	----	----	----	----	----	----	-	
CCV15	102	104	109	108	103	103	105	104	103	96	106	103	97	103	94	97	103	101	104	110	105	108	101	99	99	99	102	108		
CCB15	----	----	-	-	----	----	----	----	----	----	----	----	----	--	--	--	----	---	----	----	----	----	--	--	---	---	----	----		
IP1275SB	----	----	----	----	-				---	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----		----	----		
IP1275SL		----	----	----	----	----	----	----	-					---	----	----	----	----	---	----	----	--		----	----	----	----	----		
IP1275SC	----	-	----	----	----	----	----	----	----	----	----	---		-	----	----	----	----	----	----	----	----		----	----	----	----	----		
I187-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	- -	----	----	----	--	-	----	----	----	----		
I187-01	--	----	----	- -	----	----	---	-- -	----	----	-- -	- -	----	----	-- -	----	--	----	----	----	----	----	----	----	----		----	----		
I187-01J	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	- -	----	----	----	-- -	----	----	--		----		
I187-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	--	----	----	----	----	----		
I187-01S	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----		----	----	----		
I187-02	----	----	----	----	----	----	---	--	---	----	----	----	----	----	---	----	----	----	----	----	----	--	----	----	----	----		----		
I187-03	----		-	-- -	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	--	---	----	----	----		
CCV15	101	104	109	106	103	103	102	104	104	95	103	106	97	103	95	97	103	110	104	110	105	109	101	99	99	98	102	108		
CCB15	----		----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----	----	----	----		----	----	----	----	----		
I187-04	----	----	----	---		---	----	----	----	----	----	----		-	----	----	----	----	---	----	-	----	----	----	----	--	--	----		
I187-05	-- -	---	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	-	----	----	----	-	---		
I187-06	----	----	----		----	----	----	----	----	--		- -	----	----	----	----		----	---	----	----	----	----	----	---	----	----	----		
I187-07	-	----	-- -	----	----	----	----	----	----	----	----	----	----	---	----	----	---	---	----	--	----	----	----	----		--	----	----		
I187-08	----	--	- -	----	----	----	---	-- -	----	----	----	---	----	---	-	- -	----	----	-- -	----	----	---	--	----	----	-- -	----	--		
I187-09	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----		----	----	----	----	----		
I187-10	-	----	----	----	----	----	----	--	----	----	----	----	--	--	----	----	----	--	----	-	----	----	----	----	-	--	----	----		
ICS42	92	-	----	----	----	----	----	94	----	----	----	94	----	---	92	----	----	---	----	----	-	----	----	----	----	--	---	----		
ICS4B3	94	102	110	108	96	101	99	99	94	89	102	94	90	106	92	96	100	94	107	109	109	111	98	92	93	93	96	103		
CCV17	102	104	110	107	103	104	102	104	104	95	102	101	97	104	94	98	103	100	106	110	105	109	101	99	99	99	102	109		
CCB17		----	----	----		-	----	----		----	----	----	---	----	----	----	---	----	----	----	----	----	--	---	---	----	----	----		
IP1271SB	----		----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	--	----	----	----		----	----	----		
IP1271SL	----	----	--	-	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	---	----	----	----	----	----			
IP1271SC	-	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	-	----	----	----	----	----	----		----	----	----	----		
I235-01A	----	----	-	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----		----	----	----	----		-		
I235-01	---	- -	----	---		---	----	- -		----	----	----	----	----	----	---	--	----	----	---	----	----		---	----	----	---	-		
I235-01J	----	----	----	----	----	----	-		-- -	--			----	----	----	---	--	--	-	----	---	-	----	---	----	----	----	--		
I235-01N	-	----	----	----	----	----	----	----	----	----	----	----	-	---	----	----	----	--	----		----	----	----	----		--	----	----		
I235-01S	----	----	----	----				-			-	----	----	----		----	----	----	----	----	-	----	----	----	----	----		---		
I235-02	-	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	-	--	---	----	----	----	----		----	----	----		
I235-03	----	--		----	----	----	----	-- -	----	----	----	----	----	----	-	----	----	----	----	----		----	----	----	----	-	----	----		
CCV16	112	105	110*	107	109	104	103	109	104	96	104	101	97	105	93	98	104	101	105	111*	106	110	102	103	98	98	109	109		
CCB16		----	----	----	----	----	----	-	----	----	----	---		----	----	----		----	-	-- -	----	----	--	----	----	----	---	----		
I235-04	----	----	---		----	- --	----	----	- -		--	----	----	----	----	---	----	----	----	---	--	----	----	----	--	----	----	----		
I235-05	----	----	----	----	--			--	----	--			----	----	----	-	----	----	----	----	----	-	----	----	----	----	----			
I235-06	---	---	----	----	---	-		--	----	---	-	--	----	----	----	--	----	----	----	----	----	--	-	----	----	----	----	----		
I235-07	----	- --		----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	---	----	----	-	----	----	----	----	----		
I235-08	----	--	-	----	----	----	----	----	----	----	-	----	----	----	- - -	----	--	- -	----	-- -	- -	----	-	- -	----	-	--	----		
I235-09	----	- --	--	----	----	----	----	----	----	----	----	----	--	---	----	----	----	---	----	---	----	----	---	--	----	----	---	----		
I235-10	----	----	----		----	----	----	----		---	----	----	----	----	-	----	----	----	----	----	-	----	----	--	----	----	----	----		
I235-11	----	----	----	---		-	----	----	----		---	----	----	----	--	----	----	----	----	----	--	----	----	----	----	-	----	----		
I235-12	----		----	----	----	----	----	----	----	----	----	----		----	----	- -	----	----	----	----	----	----	----	----	----	----		----		
CCV19	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*		
CCB19		-	----	----	- --	----	----	-	----	----	----		- --	----	----	---	----	-- -	-- -	----	- --	----	----	- --	---	----	-- -	- -		
I235-15	----	---	----	----	----	----	----	----	----	----	----	----		----	----	----	----	--	-	----	----	---	----	----	----	----		----		
I235-16	---	----	----	----	----	----	----	----	----	----	----	-	---	----	----	----	--	----	----	----	----	----	-	----	----	----	-	----		
I235-17	----	----	---	--	----	----	----	----	----	----	----	-	---	----	----	--	----	----	----	----	----	----	--	----	----	----	--	----		
I235-18	---	----	----	---		----	-- -	----	----	----	----	----	----	----	--	----	----	-- -	----	----	---	----	----	----		----	----	----		
I235-19	---	----	----	----	----	----	----	--	----	-	---	----	----	-- -	----	-	---	----	----	----	---	----	----	----	--	----	----	----		

I235-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	.	---	----	----	----	----	----	----	----
I235-21		----	----	----	----	----	----	----							----	----	----	----	----	----	----		-- .	----	----	----	----	----
CCV20	102	103	110	105	103	104	102	104	104	94	104	102	97	105	94	96	100	108	104	109	105	110	101	99	93	98	102	108
CCB20	----	---	--				---	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----		-	----	----
I235-04W	----	----	----	----	----	----	----	----	-- -	----	----	----	----	----	- --	----	----	----	.	----	----	----	----	----	----	----	---	----
I235-05W	----	----	----	--	-- -	----	-- -	----	----	-- -	----	---	----	----	- --	----	----	----	----	-- -	.	----	- --	---	----	----	----	----
I235-06W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	. .	----	----	----	----	----	----
I235-07W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--		----	----	----	----	----			. ---
I235-08W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----
I235-09W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		--	----	----	----	----	----	----
I235-10W	-- -	----	----	---	---	----	----	----	----	-- -	---	---	----	----	- --	----	----	--		----	----	----	----	----	-- -	- --	--	
I235-11W	----	----	----	----	----	----	----	----	----	-- -	----	----	----	----	----	----	----	--		----	----	- --	----	- --	-- -	----	----	----
I235-12W	----	----	----	---	----	----	----	----	----	----	----	----	----	----	--	--	----	----	----	----	----	----	----	----		-	----	----
CCV21	97	100	105	103	100	100	99	100	101	92	97	96	93	101	90	89*	99	96	106	105	102	106	97	94	95	96	100	105
CCB21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	---	---	----	----	----	----	----	----
I235-15W	----	----	--		.								.	--	----	----	----	----	----	-	---	----	----	----	----	----	----	----
I235-16W	----	----	----	- --	--	.	----	-- -	--	- -	- -	--	----	----	- --	---	----	----	----	----	-- -	-- -	----	----	----	----	---	----
I235-17W	---	---	----	----	----	----	----	----	----	----	----	----	----	-- -	----	----	----	---	.	----	----	----	----	----		---	----	----
I235-18W	----	----	----	----	----	----	----	----	----	----	----	- --			----	----	----	----	----	----	.	----	----	----	----	----	----	----
I235-19W	----	--	.	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----	--		----	----	----	----
I235-20W	----	----	----	----	----	----	----	----	----				.	---	----	----	----	----	----	----	--	----	----	----	----	----	----	
I235-21W	----	.	----	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	--	----	----	----	----	----	----	----
CCV22	98	101	104	104	101	100	100	99	101	93	98	96	94	103	93	87*	99	97	109	105	103	106	98	95	95	97	101	106
CCB22	----	----	----	----	- -	----	.				----	----	----	----	----	----	----	- -	----	----	----	----	----	----	----		----	----

QC limit of each parameter are listed in a table attached next to all the QC check forms
* : Out of QC Limit

VERSION : 1.0A UNIT : LB/L SUMMARY of CALIBRATION BLANKS : 1291024 (WATER) DATE 09/23/11 TEST MAX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB	.340	13.8	.370	-.078	.010	1.13	-.013	-12.0	.120	-.030	-.220	1.58	.133	-.320	.110	.210	.610	-.223	9.60	.320	.040	-2.81	.010	1.40	-1.09	.510	.010	-.750
MSL2401	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MSL2402	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS41	----	8.77	-1.11	.058	.020	10.1	.000	----	-.770	-1.18	-.350	----	-.733	1.42	----	1.82	2.46	-1.17	52.1	4.07	.020	44.5	.540	-.830	.610	.740	-.240	2.79
ICS43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	.650	10.1	-.330	-.010	.003	1.20	.010	11.4	-.010	.010	-1.10	1.52	.023	.230	-5.50	-.140	.870	-.203	-9.76	-.600	.000	-4.69	.070	1.18	.660	.530	-.290	-.140
IP1076W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1076WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1076WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7777777	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB2	1.23	9.68	.890	-.320	-.210	.970	.010	6.75	-.830	-.110	-.110	.650	-.350	-.410	1.55	.320	.540	-.187	6.94	.361	-.030	14.7	.020	.730	-1.43	.290	-.340	-.250
IP1075S2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1075S4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1075S+	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1290-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1294-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1321-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1323-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1325-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB3	1.88	11.7	1.49	-.080	.000	.783	.010	7.45	-.020	.090	-.160	1.19	-.040	.283	3.23	-.010	1.360	-.160	11.6	.720	.190	24.2	.020	1.19	-1.04	.540	.030	.260
IP1073WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1073WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1073WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-0C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC84	4.23	15.2	630	-.045	.003	.060	.010	4.74	.021	.028	-.150	1.37	.110	-.370	-.640	-.390	1.02	-.150	24.9	1.05	.200	2.35	.051	1.50	-.660	.300	-.080	-.520
IC97-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC91-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC91-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC85	.580	11.3	770	.063	.010	.900	.020	12.5	-.020	-.010	-.150	-.460	-.300	-.580	-.880	-.080	1.09	-.210	16.6	.360	.020	.035	.020	.900	-.950	.640	-.080	-.100
IC12-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC12-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC88-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC88-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC86-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC26-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC23-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC56	3.05	3.83	750	.050	-.010	1.23	.070	52.3	.100	-.010	-.130	2.24	.210	-.420	-6.07	-.050	1.000	.080	15.4	.950	.260	.152	.010	1.15	-.550	.610	-.150	2.70
IPIC376B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC376L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC376C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC23-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC23-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC23-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC62		6.60	-.250	.040	-.040	-9.07	.060	----	-.560	-1.23	-.250	----	-2.38	.930	----	1.78	-2.38	1.35	35.2	1.02	.210	.161	.340	-.740	1.68	1.45	-.490	7.79
IC5A2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC67	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC87	-.270	6.70	1.16	-.010	.023	.330	.040	2.25	-.050	.070	-.050	1.49	.340	-.850	1.60	.040	.560	-.310	3.49	.090	.030	54.6	-.320	.580	-.530	.470	.270	-.720
IPIC65Q	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC65A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC65D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-04D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC58	1.99	5.37	.720	-.100	.020	.760	.030	.340	-.030	-.030	-.020	3.96	.120	.030	2.56	-.000	.610	-.310	29.9	1.02	.320	19.3	-.050	.400	-1.08	1.21	-.760	-.940
IPIC72S5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC72SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPIC72SD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1277-11A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1277-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1277-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1317-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1317-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1317-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1317-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC59	-1.79	11.5	-.320	.050	-.010	.925	-.010	21.7	-.050	.040	-.030	4.69	-.400	-1.05	.620	-.320	1.09	-.150	-14.1	.740	.053	9.80	.000	1.35	-1.03	2.49	-.970	.480
IC97-24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1077-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	-		----	----	----	----
1077-07	----	----	----	----	-	-	-	----	----	----	----	----	- --		----	----	----	----	---	-	--	----	----	----	----	-		-	----
1077-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----		----	----	----	----	----
1077-09	----	----	----	----	-		-	----	----	----	----	- -			----	----	-	----	----	----	----	----	----	----	-		-	----	----
1077-10	--	----	----	- --	----	---	-- -	----	--	--	- -	----	----	----	-- -	-	----	----	----	- --	----	----	-- -	---	----	----	----	---
1077-11		----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	-	----	----	----	---	----	----	----	---			----	----
1077-12	----	----	----	-	--	----	-- -	----	----	----	----	----	----	----	-	----	----	----	----	-	----	----		----	----	----	----	-
1077-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	----		--	----	----
CCV10	----	----	--	-	----	----	----	----	----	----	----				-	----	----	-	----	----	----	----	----	----	---		----	----
CCB10	-3.35	9.79	.220	-.103	-.020	.470	.031	12.7	.020	-.090	-.030	.050	-.150	-.310	-.590	-.240	1.07	-.240	-27.6	.930	-.023	-1.66	-.320	1.09	-1.20	1.93	-.150	.060
1077-14	---	---	----	----	----	----	----	----	----	----	----	-- -	----	---	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----
1077-15	----	----	----	----		-	----	---	- --				----	----	----	----	----	--	--	----	----	----	---			----	----	----	----
1077-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	---	----	---	----	----	----	----	----	----
1077-17	----	----	----	----			----	----	-- -		-	----	----	----	----	--	----	----	----	----	----	----		----	----	----	----	----
1077-18	----	----	----	----	----	----	---	----	----	----	----		-	----	----	----	----	--	---	----	----	----	----	----	----	-	----	----
1077-19	----	----	----	----	----	----	----	----	----	----	----	- --	----	--	----	----	----	----	---	----	- --	----	----	----	----	----		----
1077-20	----	---	----	- --	----	----	-- -	- --	---	----	----	----	----	-- -	-- -	----	---	- --	----	-	---	----	- --	--	----	----	----	-
CCV11	----	----	----	- -	----	----	----	----	----	- -		----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----
CCB11	-3.56	9.16	1.22	-.170	-.020	.660	.210	4.68	-.070	-.050	.050	1.15	.160	-.770	-5.94	.160	1.01	-.230	-11.6	1.12	.103	-5.35	.030	1.39	-1.01	1.65	-.205	-1.02
1461-01A	--	----	----	----	----	---	--	----	----	----	----	---	---	----	----	----	---	----	----	----	----	----		----	----	----	----	----
1461-01B	----	----	-	----	----	----	--	--	----	----	----	----	----	--	----	----	----	---	----	----	----	----	----	--	----	----	----	----
1461-01	----	----	- --		----	----	----	--	--	----	----	----	----	----	--	----	-- -	----	----	-	-	----	- --	-	----	----	----	----
1461-01C	----	----	----		---	-- -	-- -	---	----	----	----	----	---	----	--	----	----	----	-	----	-	----	----	---	-		-	---	----
1461-01D	----	-	----	----	----	----	----	----	----	----	----	----	-	- --	----	-	----	----	----	--	----	-	----	----	----	--		--	----
1461-01E	----	----	----	- -	----	----	----	----	----	----	----	----	----	----	--	----	----	---	----	----	---	----	----	----	--	----	----	----
1462-01	----	-	----	----	----	--	---	----		--	----	----	----	----	----	---	----	----	----		----		----	----	----	--	----	----
1462-04	----	----	---	--	----	----	----	----	----	----	----	----	----	----	--	----	----	---	---	----	---	----	----	----	-	----	----	----
1484-01	----	---	---	----	-- -		----		---	----	----	----	----	----	----	-	----	----	----	--	----	--	----	----	----		----	----
CCV12	--	----	----	----	----	----	----	----	----	-- -		----	----	----	----	----	---	----	---	---	---	----	----	---	----		- -	----
CCB12	-3.26	10.5	.360	-.010	-.030	1.24	-.040	-3.68	.030	-.340	.040	.200	.100	-1.11	1.35	-.140	.340	-.120	-9.68	.020	-.030	27.5	-.080	1.26	-.860	.670	-.710	-.620
CP106655	----	----	----		----	----	----	----	----	----	----	-		----	----	----	----	--	----	----	----	----	---		-	----	----	----	---
CP106651	----	----	----	---		---	- -	-	----	----	----	----	----	----	----	---	----	----	--	----	-	----	----	--	----	----	----	----
CP106656	----	----	----	----	----		- -	--		--	----	----	----	----	----		----	----	----	- -	---		--	----	----	----	-	----	----
1235-01A	---	--	--	-	----	----	---	- --	---	- -	- -	----	---		-	---	---	----	----	--	----			----	----	----	-	---	----
1235-01B	----	-	----	----	----	----	----	----	----	----	-- -	--		----	----	----	----	---	----	- --	----	----	-	----	----	----	--	--	----
1235-01C	----	----		----	----	----	-	----	----	----	----	----	----	----		----	----	----	--	---	----	----	----	----	--	---	----	----	----
1235-01D		----	----	----	----	----	----	----	----	----		-	----	----	----	----	--	----	----	--	--	----	----	----	-	--	----	----
1235-01E	----	-	----	----	----	----	----	----	----	----	----	-		----	----	----	--	---	----	----	----	----		---	----	----	- -	-
1235-02T	----	----	----	----	---		----	---		---	----	----	----		----	----	----	--	----	----	----	----	----		----	----	----	----
1235-03T	-	- --	----	--	--		- -	---	----	- -		--	- -	----	- --	--	- -	- -	----	---	--	----		- -	----	-- -		---
CCV13	----	----		----	----	----	----	----	---	----	----	----	----		----	----	-	---	---	---	----	----	--	----	----	-- -	----	-
CCB13	-3.19	10.7	1.24	-.090	.010	1.21	-.010	14.6	-.020	-.130	.050	1.36	.500	-1.37	-.370	-.090	.900	-.080	-22.4	.710	.140	13.7	.020	1.47	1.16	.440	-.370	.320
1235-04T	----	----		----	----	----	----	----	----	----	----	----	----		----	----	--	----	----	----	----	----	-	----	----	----	----	
1235-05T	--	---	----	----	----	----	----	----	----	----		---	----	----	----	-	----	--	---	----	----	----	----		----	----	----	----
1235-06T	----	----		---	----	----	----	----	----	-- -	- --	----	--	--	----	-- -		----	----	----	----	-	----	----	----	----	-	---
1235-07T	-- -	----	----		-- -	----	----	----	-- -	----		----	----	----	- --	---	----	----	- -	---	----	- --	--	----	----	--	----	- -
1235-08T	----	----	-	----	----	----	----	----	----	----	----	----	----		-	----	----	--	----	----	-	----	---	----	----	----	----	----
1235-09T	----	----	----	---		-	---		--	----	----	----	----	----	----	---	----	----	- -	----	----	----	----	--	----	----	----	----	---
1235-10T	----		----	----	----	----	----	----	----	----	----		----	----	- -	----	----	---	--	----	----	----	----		----	----	----	----
1235-11T	----	--	---	----	----	----	----	----	----	----	----		----	----	----	-	----	----	----	---	---	----	----		----	----	----	----
1235-12T	---	----	-	----	----	----	----	----	-- -	----	----	----	--	----	----	---	---	----	---	----	----	----	----	----	----	----	-	----
1235-14T	----	----	---	-- -	----	----	----	----	----	----	----	----	--	----	----	- -	----	---	---	----	----	---	---	---	----	---	---	---
CCV14	----	----		----	----	----	----	----	----	----	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----
CCB14	-2.95	9.09	.020	.000	-.010	.910	-.030	-10.0	-.020	-.060	.140	.650	.140	-1.29	1.03	-.180	.260	-.120	-20.7	-.070	.360	4.25	-.020	1.36	-.990	.680	-.120	-1.16
1235-15T	----	----	----		----	----	----	-	---	----	----	----	---	--	----	----	----	--	----	----	---	----	----	---	----	---	---	----
1235-16T	--	----	----	----		---	----	----		----	----	----	----		----	----	----	-	----	----	----	----	--	----	----	-	----	----
1235-17T	----	--	----	----	---	----	----	----	----	----	--	---	----	---	---	----	---	---	---	----	----	--	----	----	----		-	----

1235-047	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-047	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-217	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC415	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC416	-1.02	0.96	-.333	-.040	-.330	1.32	.013	-11.0	-.148	-.240	.360	3.58	.233	-1.35	1.03	-.030	.690	-.102	-24.6	.930	-.077	-1.56	-.110	1.27	-.803	.643	.390	1.22
PIC7558	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PIC7559	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PIC7550	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-010	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-0[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC416	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC416	3.92	11.7	.120	-.070	-.013	.860	.130	-9.64	-.090	.010	-.050	2.35	.110	-.670	-4.62	-.053	.930	-.190	-24.6	.703	-.330	5.42	-.020	1.35	-.940	.510	-.123	-1.24
1187-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1187-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC543	----	1.75	-2.32	1.17	.005	.630	1.76	----	-.250	-1.24	.350	----	-3.16	1.44	----	5.86	-2.34	-1.51	-16.5	5.15	.950	50.3	.590	1.26	.350	2.71	-.760	3.30
CC543	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC517	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC517	-2.20	0.91	-.360	.080	.300	1.37	.312	-6.53	.130	.081	.163	.632	-.320	-1.01	2.71	-.052	1.36	-.193	-19.9	.290	.040	.593	-.040	1.51	-.950	.813	-.100	-1.18
PIC0158	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PIC0154	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
PIC0152	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC418	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC418	-3.65	11.7	-1.26	.180	.040	1.24	.000	-.727	.052	.49	.263	3.79	.230	-1.36	3.13	-.030	1.66	-.121	-25.1	.340	-.040	5.84	-.352	.930	-.830	.770	-.230	.290
1235-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC419	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC419	-1146	5352	3294	-9.40	-701	-3560	294	-7977	2991	1438	-2613	6714	-1570	27576	-13541	4116	335	247	78731	9856	1945	-20518	2365	2887	-66.5	7087	5792	-778
1235-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1235-20	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----
1235-21	----	----	----	----	- -	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	-	---	----	----	----	----	----	----
0V22	---	----	----	----	----	----	----	----	----	----	----	-			--	----	----	----	-	----	----	----				----	----	----
0V820	-4.61	10.5	.062	.070	.020	.520	-.320	-2.75	-.110	-.040	.000	.380	-.220	-.927	-.520	-.280	1.34	-.090	-31.9	-.280	.040	-5.91	-.040	1.30	-.990	.700	-.140	.990
1235-24*	----	----	----	----	----	----	---	- -	----	----	---		-		----	----	-	----	-- -	----	----			---	----	----	-- -	----
1235-25*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	----	----	-- -	----		-- -	-
1235-26*	----	----	----	----	----	----			---	- --	---	----	----	----	----	----		----	----	----	----	----		----	----	----	----	----
1235-27*	----						----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	- -
1235-28*	----	----	----	----	----	----						----	----	----	----	---	----	----	----	----	--	----	----	----	----	----	----	----
1235-29*	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	-- -	---	-	----	----	----	----		---	----	----	----	----
1235-30*	----	-- -	- -	-	--	-	----	---	- --	----	----	- --	--	----	----	----	----	----	----	---	----	----	----	----	-	-- -	-	--
1235-31*	----	----	----	----	----	----	----		- -	----	----	----	----	----	----	----	---	----	----	----	--	-- -	-- -	----	----	----	----	----
1235-32*	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	- -	----	----	----	---	--	----	----	----	----	- --	----	----
0V421	--	----	----	----	----	----				-	----	----	----	----	----	---	---	----	----	----	-	----	----	----	----	----	----	---
0C821	-2.97	9.22	.710	-.060	-.010	.410	.040	-2.47	.100	.030	-.060	-.670	.110	-1.32	3.50	.100	.900	-.110	-46.1	.370	-.090	-7.94	-.050	1.05	-1.05	.750	-.150	.460
1235-33*	----	----	----	- --	----	---	-- -	----	----			----	---	----	----	----	--	----	----	----	--	----	----	----	----	----	- --	-
1235-34*	----		--	----	----	----	----	----	----	----	----	- --	--		-- -	- --	----	-	---	-- -	----	---		----	--	- -	----	----
1235-35*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-- -	----	----	----	-	----	----	----	---	-	---	----	---
1235-36*	----	--		----	----	----	----	----	----			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-37*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	-	----	----	---	----	-- -	----	----	----	----	----		-
1235-38*	----	---	----	----	----	----	----	----	----	----	-- -	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-39*	----	----	----	----	---		----	----	----	----	----	----	----	----	-	---	----	---	-	----	---	----	-- -	----	----	- --	-	----	-- -
0V822	----	---	----	----	----	----	----	- -	----	----	----	-- -		.	----	----	---	-	----	---	----	-- -	----	----	- --	-	----	-- -
0C822	-4.20	9.28	-.350	-.070	-.020	.010	.000	-10.3	.050	.010	-.250	.510	-.220	-1.55	.610	-.090	.930	-.130	-18.3	.030	.050	-11.1	-.040	.790	-.970	.600	-.110	.650

QC limit of each parameter are listed in a table attached next to all the IEP check forms

* Out of QC limit

ANALYTE	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK																												
S20																												
S21																												
S22																												
S23																												
S24																												
S25																												
S26																												
S27																												
S28																												
S29																												
S30																												
S31																												
DC7																												
DCB	.340	13.3	.370	-.070	.010	1.15	-.010	-13.0	.123	-.030	-.223	1.68	.130	-.320	.110	-.213	.910	-.220	9.60	.722	.049	-2.61	.013	1.40	-1.09	.860	.013	-.760
HRL2401																												
HRL2402																												
DCSA1		4.77	-1.13	.050	-.073	-16.1	.800		-.170	-1.18	-.353		-.730	1.42		1.82	-2.46	1.17	62.1	4.07	.029	44.6	.543	-.690	.610	.740	-.243	2.79
DCSA3																												
CCW1																												
CCB1	.650	13.1	-.330	-.010	.003	1.23	.010	11.4	.000	.010	-.110	1.52	-.020	-.280	-5.50	-.140	.970	.203	9.76	-.600	.000	-4.89	.070	1.16	-.583	.950	.290	.140
IPC076WB																												
IPC076W																												
IPC076WC																												
[illegible]																												
CCV2-01																												
CCV2-01J																												
CCV2-02																												
CCV2-03																												
CCV2-04																												
CCV2																												
CCB2	1.23	9.06	.681	-.057	-.011	.970	-.000	6.36	-.030	-.[illegible]	-.110	.550	.250	.410	1.65	.030	.940	.140	5.84	.350	-.030	14.0	.020	.270	1.00	.250	-.340	-.230
IPC-250																												
IPC265F																												
IPC-255																												
1256-01A																												
1256-01M																												
1256-01[illegible]																												
1320-01A																												
1320-01M																												
1350-01S																												
CCV3																												
CCB3	1.89	.12	1.49	.380	.000	.980	.010	7.35	-.020	.010	-.150	1.15	-.540	-.290	3.79	-.010	1.000	-.160	-11.5	.730	.190	14.2	.020	1.18	-1.04	.940	.030	-.260
IPC372WB																												
IPC372W[illegible]																												
IPC372WC																												
1075-02A																												
1075-02																												
1075-02[illegible]																												
1075-02M																												
1075-02S																												
1075-03																												
1077-24																												
CCV4																												

CC24	4.78	16.2	.010	.042	.033	.566	.010	4.27	.020	-.020	-.150	1.57	.110	.370	.640	-.090	1.02	-.150	-24.9	1.06	.206	7.36	.098	1.53	-.665	.703	-.080	-.523
[097-02	----	----	----		-	----	----	----	----	----	----	----	----	----	----		---	----	----	----	----	----	----	- -		-		-
[097-03			-	----	----	----	----		-	----	----	--	- -	- -	----	----	----	----	----	----	----	--		----	----	----	----	----
[097-06	----	----	----			-	---	----	----	----	----	----	----	----	----	-	---	----	----	----	----	----	----	--	-	- --		
[097-08		---	----	----	----	- -	-- -	----		---	----	----	----	----	----	----	- -	---	----	--	-	-	--	----	----	----	----	----
[097-10	-	-		----	----	- --	----	----	----	-	----	---	-	-	----	----	----	----	----	----	----	--	-	----	--	----	----	----
[097-13	----	----	----	----	----		---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		-		-	
[097-15	----	----	----	----	----	----	----	----		---	-		---	---	-		----	----	----	----	----	----	----	----	-	----	----	----
[097-17	----	----	----		--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----		-
[091-01	----	----	----	----	----	----	---	-	----	----	----	----	----	----	----		---	----	----	----	----	----	----	----	----	----	----	----
[091-02	----	---	- -	-	-	- -	---	-- -	----	----	----	-- -	- --	--	----	-- -	----	---	-- -	-- -	- --	---	---		- -		-- -	-
CC95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	----	----					
CC96	.660	11.6	.771	.063	.010	.900	.030	12.5	.020	.040	-.150	-.450	-.330	-.580	-.883	-.080	1.39	-.210	16.6	.320	.020	.135	.020	.900	-.950	.643	-.080	-.100
[112-11	----	----	----	---	---		-	----	----	----	--				---	----	----	----	----	----	----	--		----	----	----	----	----
[112-12		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----		-
[098-02	----	----	----	-	--		-	----	----	----	---				----	----	----	----	----	-	-	- -	---	----	----	----	----	----
[098-09	- --	--	---	----	----	----	-	----	----	- --	---	----	----	----	----	----	-	----	----	----	----	---	-	--	----	----	-- -	- -
[096-07	----	-		----	----	----	----	----	----	----	----	----	----	----	----	----	----		--	----	----	----	----	----	----	----	----	----
[129-02	----	----	----	----	----	----	----	----	- -		----	----	- -	----	----	----	----	----	----		---	----	----	----	----	----	----	----
[129-04		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	-- -	----	
CC96	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----	----	----	----	----	----		----
CC96	3.06	9.38	.750	.060	-.010	1.22	.070	52.3	.130	-.010	-.130	2.24	.210	-.420	-6.07	-.050	1.010	-.030	15.4	.990	.060	.152	-.010	1.15	-.980	.610	-.150	2.20
IP1079WB		----	----	----	----	----	----	----	----	----	----	- -	---	----	----	----	-- -	----	----	----	----	----	----	----	----	- -	- -	--
IP1079WL	----	----	----	-		- -	---	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	----		- -
IP1079WC	----	--		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[123-01A	----	----	----		-			- -	- -	----	----	----	----	----	----	----	---	---	----	----	----	----	----	---			----	----
[123-01	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	---	----	----	-- -	----
[123-01J	---			- --	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----
CC342	----	6.36	-.250	.140	-.040	-9.07	.560		-.560	1.23	-.350	----	-2.58	.320	-- -	1.78	-2.38	-1.35	35.2	4.02	.210	.161	.340	.749	1.68	1.15	-.460	2.75
CC342E2	----	----	----			- -	---	----	----	----	----	----	----	----	----	----	---		----	----	----	----	----	----	-- -		-	- -
CC97	----	----	----	----	-- -	----	----	----	----	----	----	--	-	----	----	----	----	----		----	----	----	----	----	----	----		-
CC87	.273	6.71	1.15	-.010	.020	.390	.040	2.25	-.060	.072	-.050	1.49	.340	-.560	1.60	.040	.562	-.330	9.49	.090	.003	54.5	-.020	.950	-.530	.900	-.170	-.723
IP1072SS	----	-		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1072SF	-- -	- -	----	----	---	---	----	--			----	- -	---	-- -	----	- -	----	----	----	-	---	- -	----	----	----	----	----	----
IP1072SP	----	----	- --	-				---	----	----	----	----	----	----	----	- -	----	----	----	----	---	---			----	----	----	----
1096-01A	----	----	----	----	----	----	----	----	----	----				--	----	----	----			----	----	----	----	----			----	----
1096-01W			-	----	----	----	----	----	----	----	- -				---	----	----	----	-	-	----	----	----	----	- --			
1096-01J	----	----	----	- -	---						----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1221-01B	----	----	----	----	----	----	----	----	----	----					----	----	----			----	----	----	---	--			----	----
1221-01W	----	--	-	-					- -	-	----	----	----	- -	---	-- -	----	----	----	-- -	----	--	---	----	----	- --	-- -	-
1221-01J	----	----	----	----	----	----	-				----	----	----	- --	----	----	----	---	----	----	----	----	----	-- -	----	----	----	----
CC95	----	----		---	----	----	----	----	----	----	----	----	----	----	----		----	----	--		----	----	----	--		-	----	----
CC83	-1.95	6.47	.920	-.100	.030	.180	-.010	.343	-.130	-.083	-.090	3.65	.120	.300	-2.56	-.050	.610	-.110	-29.9	1.02	.020	19.3	.350	.400	-1.30	1.21	-.160	-.840
IP1072SP	----			---		----	---	----	----	----				----	----	----	---	--	----	----	----	----	----	----	----	----	----	----
IP1072SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----	----		----	----	-	---	----	----	----
IP1072SC		---	----	----	----	----	----	----	----	----	----	----	----	----	---	- -	----	----	----	-- -	--	----	----	----	-	--		
1277-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	-	---	----	----	----	--	----	----	----	----	-	----	----	----	----
[277-01	----	----	----	----	----	----	----	-	--	---	----	----	----	----	----	----	--	----	----	----	----	--	----	----			----	----
1277-01J	----	----	----	- -		-	-	----	----	---	-- -	----	----	----	----	----	----	----	----	----	----	--		----	----	----	----	----
1277-01M	----	----	-	---	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	- -	---	----	----	----	----
[277-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	--	----	----	----		----	----	----	-	---	----	----	----
[277-02		----	----	----	----	----	----	----	----	----	----	----	----		-- -	----	----	----	- -	- -	---	----	-- -	----	---	----	----	----
1277-03	---	----	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----	--	--	----	----	----	---	----	----	----
1219	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	-	----	----	----	-	---	----	----	----
4299	1.79	11.5	-.620	-.080	-.010	.920	-.010	21.2	-.090	-.040	-.030	4.89	-.430	-1.05	.620	.090	1.03	-.150	-14.1	.740	.030	9.90	.090	1.33	1.30	2.49	-.070	.489
1077-04	----			----	----	----	----	----	----	----	-- -			----	----	----	---	----	----	----	----	----	----	- --	---		----	----
1077-05	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	-	----	----	----	- --	----	----	----	----	----

1077-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC410	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB10	-3.35	9.39	.730	-.180	-.020	.470	-.230	12.7	.020	.090	-.030	.060	-.180	-.210	-.050	-.240	1.07	-.240	-77.6	.930	-.320	-1.66	-.020	1.09	-1.20	1.93	.150	.260
1077-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC411	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC311	-3.56	9.15	1.22	-.170	-.330	.690	.010	-4.68	-.070	-.050	.080	1.16	.160	-.370	-6.94	-.160	1.01	-.230	-11.6	1.12	.100	-5.95	.000	1.39	-1.01	1.55	-.200	-1.02
7X105556	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1462-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1462-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1484-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC412	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC312	-3.26	10.5	.360	-.110	-.030	1.24	.040	-3.66	.080	-.040	.040	-.200	-.130	-1.11	1.05	-.140	.940	-.120	-9.68	.020	.070	27.5	-.080	1.26	-.600	.670	-.210	-.820
1P106855	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P106851	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P106850	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01K	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC313	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC313	3.13	10.2	1.27	-.380	.010	1.20	.010	14.6	.120	-.130	.350	1.76	-.560	-1.37	-.170	-.050	.900	-.080	-77.4	.110	.240	12.7	.090	1.47	-1.16	.440	-.170	.220
1235-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-05T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-08T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-10T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-11T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-13T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC314	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC314	-2.95	9.39	-.520	.000	-.030	.910	-.010	13.0	.020	-.060	.140	.650	.100	-1.03	1.49	-.160	.960	-.120	-20.7	.070	.030	4.25	-.030	1.35	-.990	.660	.120	1.16
1235-15T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-17T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

I235-187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC615	-1.02	8.96	-.333	-.940	.30	1.07	.710	-.110	-.140	-.243	.680	3.58	.230	-1.35	1.09	-.039	.859	-.100	24.5	.950	-.369	-1.66	-.110	1.27	-.803	.840	-.090	-1.22
IPIC755	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPIC758L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPIC758C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC616	-2.99	11.7	.010	-.075	-.012	.883	-.039	-9.64	-.090	.013	-.050	2.35	.110	-.575	-4.67	-.059	.950	.180	-24.6	.700	-.033	5.62	-.320	1.39	-.943	.510	-.123	-1.24
I187-04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I187-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IC547	-	1.75	-2.32	1.17	.303	.620	1.76	-	-.250	-1.24	.350	-	-3.16	1.44	-	5.83	-2.64	-1.61	16.6	6.15	.950	50.3	.590	-1.09	.360	2.71	-.763	3.00
IC5463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC617	-2.20	9.61	-.365	-.050	.623	1.37	.010	-6.53	.110	-.060	.360	.633	-.330	1.01	2.21	-.050	1.06	-.190	-19.9	.293	.040	.570	.340	1.61	-.963	.815	-.103	-1.19
IPIC718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPIC718L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPIC718C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CC315	-9.55	11.7	-1.26	-.360	.340	1.24	.750	-.220	.062	-.140	.260	3.79	.235	-1.36	3.19	-.160	1.03	-.120	95.1	.340	-.042	5.84	-.150	.993	.660	.771	-.123	.323
I235-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IC519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IC519	1146	-5392	3294	-9441	-301	3550	294	-7227	2561	1498	-2611	6214	-1570	27576	-19641	1116	305	247	78721	-8656	-1345	-20513	2365	2081	-66.5	7087	-797	-178
I235-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I235-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1235-2C	-																												
1235-2D																													
CCV22																													
CC922	-4.61	12.5	.050	-.070	.020	.500	-.020	-2.26	-.310	.040	.830	.380	-.220	-.920	-.620	-.090	1.34	-.030	-31.9	-.860	.040	-5.91	-.040	1.30	-.990	.760	-.140	.980
1235-04W																													
1235-05W																													
1235-06W																													
1235-07W																													
1235-08W																													
1235-09W																													
1235-10W																													
1235-11W																													
1235-12W																													
CCV23																													
CC923	-2.97	9.22	.710	-.060	-.010	.410	.040	-2.47	.100	.000	-.380	-.830	.310	-1.32	3.58	.180	.900	-.110	45.1	-.370	-.030	-7.64	.060	1.05	-1.36	.700	-.150	.460
1235-13W																													
1235-14W																													
1235-15W																													
1235-16W																													
1235-17W																													
1235-18W																													
1235-19W																													
1235-20W																													
1235-21W																													
CCV24																													
CC924	-4.20	9.28	-.060	-.030	-.020	.310	.090	-13.3	.050	.010	-.250	.510	-.220	-1.55	.610	-.090	.930	-.130	-10.3	.030	.060	-11.1	.040	.790	-.950	.630	-.110	.660

QC limit of each parameter are listed in a table attached next to all the DOP check forms
* - Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I024001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I024002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I024003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I024004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I024005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I024006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I024007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I024008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I024009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I024010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I024011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I024012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I024013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8I024014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I024015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRL2401		ID8I024016			1	☒	EVMAX	None
17	4	2	4	1	QC	MRL2402		ID8I024017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I024018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		ID8I024019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I024020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I024021			1	☒	3XIDL	None
22	17	2	5	2	QC	IPI076WB		ID8I024022			1	☒	CCB	None
23	18	2	6	2	QC	IPI076WL		ID8I024023			1	☒	LCS	None
24	19	2	7	2	QC	IPI076WC		ID8I024024			1	☒	LCS	None
25	20	2	8	2	Unk	I320-01A		ID8I024025			1	☒	unk	—
26	21	2	9	2	Unk	I320-01		ID8I024026			1	☒	unk	—
27	22	2	10	2	Unk	I320-01J		ID8I024027			1	☒	unk	—
28	23	2	11	2	Unk	I320-02		ID8I024028			1	☒	unk	—
29	24	2	12	2	Unk	I320-03		ID8I024029			1	☒	unk	—
30	25	2	1	3	Unk	I320-04		ID8I024030			1	☒	unk	—
31	26	2	2	3	QC	CCV2		ID8I024031			1	☒	CCV	None
32	27	2	3	3	QC	CCB2		ID8I024032			1	☒	3XIDL	None
33	9	2	9	1	QC	IPI070SQ		ID8I024033			1	☒	CCB	None
34	10	2	10	1	QC	IPI070SX		ID8I024034			1	☒	LCS	None
35	11	2	11	1	QC	IPI070SY		ID8I024035			1	☒	LCS	None
36	12	2	12	1	Unk	I296-01A		ID8I024036			1	☒	unk	—
37	13	2	1	2	Unk	I296-01W		ID8I024037			1	☒	unk	—
38	14	2	2	2	Unk	I296-01J		ID8I024038			1	☒	unk	—
39	1	2	1	1	Unk	I320-01A		ID8I024039			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samp e ame	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
40	2	2	2	1	Unk	I320-01M		ID8I024040			1	☒	unk	—
41	3	2	3	1	Unk	I320-01S		ID8I024041			1	☒	unk	—
42	5	2	3	2	QC	CCV3		ID8I024042			1	☒	CCV	None
43	6	2	4	2	QC	CCB3		ID8I024043			1	☒	3XIDL	None
44	28	2	4	3	QC	IP 073WB		ID8I024044			1	☒	CCB	None
45	29	2	5	3	QC	IP 073WL		ID8I024045			1	☒	LCS	None
46	30	2	6	3	QC	IP 073WC		ID8I024046			1	☒	LCS	None
47	31	2	7	3	Unk	I075-02A		ID8I024047			1	☒	unk	—
48	32	2	8	3	Unk	I075-02		ID8I024048			1	☒	unk	—
49	33	2	9	3	Unk	I075-02J		ID8I024049			1	☒	unk	—
50	34	2	10	3	Unk	I075-02M		ID8I024050			1	☒	unk	—
51	35	2	11	3	Unk	I075-02S		ID8I024051			1	☒	unk	—
52	36	2	12	3	Unk	I075-01		ID8I024052			1	☒	unk	—
53	37	2	1	4	Unk	I077-24		ID8I024053			1	☒	unk	—
54	38	2	2	4	QC	CCV4		ID8I024054			1	☒	CCV	None
55	39	2	3	4	QC	CCB4		ID8I024055			1	☒	3XIDL	None
56	40	2	4	4	Unk	I097-02		ID8I024056			1	☒	unk	—
57	41	2	5	4	Unk	I097-03		ID8I024057			1	☒	unk	—
58	42	2	6	4	Unk	I097-06		ID8I024058			1	☒	unk	—
59	43	2	7	4	Unk	I097-08		ID8I024059			1	☒	unk	—
60	44	2	8	4	Unk	I097-10		ID8I024060			1	☒	unk	—
61	45	2	9	4	Unk	I097-13		ID8I024061			1	☒	unk	—
62	46	2	10	4	Unk	I097-15		ID8I024062			1	☒	unk	—
63	47	2	11	4	Unk	I097-17		ID8I024063			1	☒	unk	—
64	48	2	12	4	Unk	I091-01		ID8I024064			1	☒	unk	—
65	49	2	1	5	Unk	I091-02		ID8I024065			1	☒	unk	—
66	50	2	2	5	QC	CCV5		ID8I024066			1	☒	CCV	None
67	51	2	3	5	QC	CCB5		ID8I024067			1	☒	3XIDL	None
68	52	2	4	5	Unk	I112-10		ID8I024068			1	☒	unk	—
69	53	2	5	5	Unk	I112-11		ID8I024069			1	☒	unk	—
70	54	2	6	5	Unk	IC88-08		ID8I024070			1	☒	unk	—
71	55	2	7	5	Unk	IC88-09		ID8I024071			1	☒	unk	—
72	56	2	8	5	Unk	IC86-02		ID8I024072			1	☒	unk	—
73	57	2	9	5	Unk	I129-02		ID8I024073			1	☒	unk	—
74	58	2	10	5	Unk	I129-04		ID8I024074			1	☒	unk	—
75	61	3	1	1	QC	CCV6		ID8I024075			1	☒	CCV	None
76	62	3	2	1	QC	CCB6		ID8I024076			1	☒	3XIDL	None
77	4	2	4	1	QC	IPI077WB		ID8I024077			1	☒	CCB	None
78	5	2	5	1	QC	IPI077WL		ID8I024078			1	☒	LCS	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
79	6	2	6	1	QC	IP 077WC		ID8I024079			1	☒	LCS	None
80	7	2	7	1	Unk	I120-01A		ID8I024080			1	☒	unk	—
81	8	2	8	1	Unk	I120-C1		ID8I024081			1	☒	unk	—
82	9	2	9	1	Unk	I120-C1J		ID8I024082			1	☒	unk	—
83	59	2	11	5	QC	ICSA2		ID8I024083			1	☒	ICSA	None
84	60	2	12	5	QC	ICSAB2		ID8I024084			1	☒	ICSAB	None
85	10	2	10	1	QC	CCV7		ID8I024085			1	☒	CCV	None
86	11	2	11	1	QC	CCB7		ID8I024086			1	☒	3XIDL	None
87	27	2	3	3	QC	IPI070SQ		ID8I024087			1	☒	CCE	None
88	28	2	4	3	QC	IPI070SX		ID8I024088			1	☒	LCS	None
89	29	2	5	3	QC	IPI070SY		ID8I024089			1	☒	LCS	None
90	30	2	6	3	Unk	I296-C1A		ID8I024090			1	☒	unk	—
91	31	2	7	3	Unk	I296-01W		ID8I024091			1	☒	unk	—
92	32	2	8	3	Unk	I296-01J		ID8I024092			1	☒	unk	—
93	33	2	9	3	Unk	I221-04A		ID8I024093			1	☒	unk	—
94	34	2	10	3	Unk	I221-04W		ID8I024094			1	☒	unk	—
95	35	2	11	3	Unk	I221-04J		ID8I024095			1	☒	unk	—
96	36	2	12	3	QC	CCV8		ID8I024096			1	☒	CCV	None
97	37	2	1	4	QC	CCB8		ID8I024097			1	☒	3XIDL	None
98	63	3	3	1	QC	IPI072SB		ID8I024098			1	☒	CCB	None
99	64	3	4	1	QC	IPI072SL		ID8I024099			1	☒	LCS	None
100	65	3	5	1	QC	IPI072SC		ID8I024100			1	☒	LCS	None
101	66	3	6	1	Unk	I077-01A		ID8I024101			1	☒	unk	—
102	67	3	7	1	Unk	I077-01		ID8I024102			1	☒	unk	—
103	68	3	8	1	Unk	I077-01J		ID8I024103			1	☒	unk	—
104	69	3	9	1	Unk	I077-01M		ID8I024104			1	☒	unk	—
105	70	3	10	1	Unk	I077-01S		ID8I024105			1	☒	unk	—
106	71	3	11	1	Unk	I077-02		ID8I024106			1	☒	unk	—
107	72	3	12	1	Unk	I077-03		ID8I024107			1	☒	unk	—
108	73	3	1	2	QC	CCV9		ID8I024108			1	☒	CCV	None
109	74	3	2	2	QC	CCB9		ID8I024109			1	☒	3XIDL	None
110	75	3	3	2	Unk	I077-04		ID8I024110			1	☒	unk	—
111	76	3	4	2	Unk	I077-05		ID8I024111			1	☒	unk	—
112	77	3	5	2	Unk	I077-06		ID8I024112			1	☒	unk	—
113	78	3	6	2	Unk	I077-07		ID8I024113			1	☒	unk	—
114	79	3	7	2	Unk	I077-08		ID8I024114			1	☒	unk	—
115	80	3	8	2	Unk	I077-09		ID8I024115			1	☒	unk	—
116	81	3	9	2	Unk	I077-10		ID8I024116			1	☒	unk	—
117	82	3	10	2	Unk	I077-11		ID8I024117			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	CorrFact	Check	Check Table	Fail Action
118	83	3	11	2	Unk	1077-12		ID8I024118			1	☒	unk	—
119	84	3	12	2	Unk	1077-13		ID8I024119			1	☒	unk	—
120	85	3	1	3	QC	CCV10		ID8I024120			1	☒	CCV	None
121	86	3	2	3	QC	CCB10		ID8I024121			1	☒	3XIDL	None
122	87	3	3	3	Unk	1077-14		ID8I024122			1	☒	unk	—
123	88	3	4	3	Unk	1077-15		ID8I024123			1	☒	unk	—
124	89	3	5	3	Unk	1077-16		ID8I024124			1	☒	unk	—
125	90	3	6	3	Unk	1077-17		ID8I024125			1	☒	unk	—
126	91	3	7	3	Unk	1077-18		ID8I024126			1	☒	unk	—
127	92	3	8	3	Unk	1077-19		ID8I024127			1	☒	unk	—
128	93	3	9	3	Unk	1077-20		ID8I024128			1	☒	unk	—
129	94	3	10	3	QC	CCV11		ID8I024129			1	☒	CCV	None
130	95	3	11	3	QC	CCB11		ID8I024130			1	☒	3XIDL	None
131	96	3	12	3	Unk	IXI006SB	TCLP	ID8I024131			1	☒	unk	—
132	97	3	1	4	Unk	I461-01A	TCLP	ID8I024132			1	☒	unk	—
133	98	3	2	4	Unk	I461-01	TCLP	ID8I024133			1	☒	unk	—
134	99	3	3	4	Unk	I461-01J	TCLP	ID8I024134			1	☒	unk	—
135	100	3	4	4	Unk	I461-01M	TCLP	ID8I024135			1	☒	unk	—
136	101	3	5	4	Unk	I461-01S	TCLP	ID8I024136			1	☒	unk	—
137	102	3	6	4	Unk	I462-03	TCLP	ID8I024137			1	☒	unk	—
138	103	3	7	4	Unk	I462-04	TCLP	ID8I024138			1	☒	unk	—
139	104	3	8	4	Unk	I484-01	TCLP	ID8I024139			1	☒	unk	—
140	105	3	9	4	QC	CCV12		ID8I024140			1	☒	CCV	None
141	106	3	10	4	QC	CCB12		ID8I024141			1	☒	3XIDL	None
142	107	3	11	4	QC	IP056SB		ID8I024142			1	☒	CCB	None
143	108	3	12	4	QC	IP.056SL		ID8I024143			1	☒	LCS	None
144	109	3	1	5	QC	IPI056SC		ID8I024144			1	☒	LCS	None
145	110	3	2	5	Unk	I235-01A	10X	ID8I024145			1	☒	unk	—
146	111	3	3	5	Unk	I235-01T	10X	ID8I024146			1	☒	unk	—
147	112	3	4	5	Unk	I235-01J	50X	ID8I024147			1	☒	unk	—
148	113	3	5	5	Unk	I235-01M	10X	ID8I024148			1	☒	unk	—
149	114	3	6	5	Unk	I235-01S	10X	ID8I024149			1	☒	unk	—
150	115	3	7	5	Unk	I235-02T	10X	ID8I024150			1	☒	unk	—
151	116	3	8	5	Unk	I235-03T	10X	ID8I024151			1	☒	unk	—
152	117	3	9	5	QC	CCV13		ID8I024152			1	☒	CCV	None
153	118	3	10	5	QC	CCB13		ID8I024153			1	☒	3XIDL	None
154	119	3	11	5	Unk	I235-04T	10X	ID8I024154			1	☒	unk	—
155	120	3	12	5	Unk	I235-05T	10X	ID8I024155			1	☒	unk	—
156	121	4	1	1	Unk	I235-06T	10X	ID8I024156			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	ConFact	Check	Check Table	Fail Action
157	122	4	2	1	Unk	I235-07T	10X	ID8I024157			1	☒	unk	—
158	123	4	3	1	Unk	I235-08T	10X	ID8I024158			1	☒	unk	—
159	124	4	4	1	Unk	I235-09T	10X	ID8I024159			1	☒	unk	—
160	125	4	5	1	Unk	I235-10T	10X	ID8I024160			1	☒	unk	—
161	126	4	6	1	Unk	I235-11T	10X	ID8I024161			1	☒	unk	—
162	127	4	7	1	Unk	I235-12T	10X	ID8I024162			1	☒	unk	—
163	128	4	8	1	Unk	I235-14T	10X	ID8I024163			1	☒	unk	—
164	129	4	9	1	QC	CCV14		ID8I024164			1	☒	CCV	None
165	130	4	10	1	QC	CCB14		ID8I024165			1	☒	3XIDL	None
166	131	4	11	1	Unk	I235-15T	10X	ID8I024166			1	☒	unk	—
167	132	4	12	1	Unk	I235-16T	10X	ID8I024167			1	☒	unk	—
168	133	4	1	2	Unk	I235-17T	10X	ID8I024168			1	☒	unk	—
169	134	4	2	2	Unk	I235-18T	10X	ID8I024169			1	☒	unk	—
170	135	4	3	2	Unk	I235-19T	10X	ID8I024170			1	☒	unk	—
171	136	4	4	2	Unk	I235-20T	10X	ID8I024171			1	☒	unk	—
172	137	4	5	2	Unk	I235-21T	10X	ID8I024172			1	☒	unk	—
173	138	4	6	2	QC	CCV15		ID8I024173			1	☒	CCV	None
174	139	4	7	2	QC	CCB15		ID8I024174			1	☒	3XIDL	None
175	140	4	8	2	QC	IPI075SB		ID8I024175			1	☒	CCB	None
176	141	4	9	2	QC	IPI075SL		ID8I024176			1	☒	LCS	None
177	142	4	10	2	QC	IPI075SC		ID8I024177			1	☒	LCS	None
178	143	4	11	2	Unk	I187-01A	dried & sieved	ID8I024178			1	☒	unk	—
179	144	4	12	2	Unk	I187-01	dried & sieved	ID8I024179			1	☒	unk	—
180	145	4	1	3	Unk	I187-01J	dried & sieved	ID8I024180			1	☒	unk	—
181	146	4	2	3	Unk	I187-01M	dried & sieved	ID8I024181			1	☒	unk	—
182	147	4	3	3	Unk	I187-01S	dried & sieved	ID8I024182			1	☒	unk	—
183	148	4	4	3	Unk	I187-02	dried & sieved	ID8I024183			1	☒	unk	—
184	149	4	5	3	Unk	I187-03	dried & sieved	ID8I024184			1	☒	unk	—
185	150	4	6	3	QC	CCV16		ID8I024185			1	☒	CCV	None
186	151	4	7	3	QC	CCB16		ID8I024186			1	☒	3XIDL	None
187	152	4	8	3	Unk	I187-04	dried & sieved	ID8I024187			1	☒	unk	—
188	153	4	9	3	Unk	I187-05	dried & sieved	ID8I024188			1	☒	unk	—
189	154	4	10	3	Unk	I187-06	dried & sieved	ID8I024189			1	☒	unk	—
190	155	4	11	3	Unk	I187-07	dried & sieved	ID8I024190			1	☒	unk	—
191	156	4	12	3	Unk	I187-08	dried & sieved	ID8I024191			1	☒	unk	—
192	157	4	1	4	Unk	I187-09	dried & sieved	ID8I024192			1	☒	unk	—
193	158	4	2	4	Unk	I187-10	dried & sieved	ID8I024193			1	☒	unk	—
194	159	4	3	4	QC	ICSA3		ID8I024194			1	☒	ICSA	None
195	160	4	4	4	QC	ICSAB3		ID8I024195			1	☒	ICSAB1	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
196	161	4	5	4	QC	CCV17		D8I024195			1	☒	CCV	None
197	162	4	6	4	QC	CCB17		D8I024197			1	☒	3XIDL	None
198	163	4	7	4	QC	IPI371SB		ID8I024198			1	☒	CCB	None
199	164	4	8	4	QC	IPI371SL		ID8I024199			1	☒	LCS	None
200	165	4	9	4	QC	IPI371SC		ID8I024200			1	☒	LCS	None
201	166	4	10	4	Unk	I235-01A	dried & sieved	ID8I024201			1	☒	unk	—
202	167	4	11	4	Unk	I235-01	dried & sieved	ID8I024202			1	☒	unk	—
203	168	4	12	4	Unk	I235-01L	dried & sieved	ID8I024203			1	☒	unk	—
204	169	4	1	5	Unk	I235-01M	dried & sieved	ID8I024204			1	☒	unk	—
205	170	4	2	5	Unk	I235-01S	dried & sieved	ID8I024205			1	☒	unk	—
206	171	4	3	5	Unk	I235-02	dried & sieved	ID8I024206			1	☒	unk	—
207	172	4	4	5	Unk	I235-03	dried & sieved	ID8I024207			1	☒	unk	—
208	173	4	5	5	QC	CCV18		ID8I024208			1	☒	CCV	None
209	174	4	6	5	QC	CCB18		ID8I024209			1	☒	3XIDL	None
210	175	4	7	5	Unk	I235-04	dried & sieved	ID8I024210			1	☒	unk	—
211	176	4	8	5	Unk	I235-05	dried & sieved	ID8I024211			1	☒	unk	—
212	177	4	9	5	Unk	I235-06	dried & sieved	ID8I024212			1	☒	unk	—
213	178	4	10	5	Unk	I235-07	dried & sieved	ID8I024213			1	☒	unk	—
214	179	4	11	5	Unk	I235-08	dried & sieved	ID8I024214			1	☒	unk	—
215	180	4	12	5	Unk	I235-09	dried & sieved	ID8I024215			1	☒	unk	—
216	12	2	12	1	Unk	I235-10	dried & sieved	ID8I024216			1	☒	unk	—
217	13	2	1	2	Unk	I235-11	dried & sieved	ID8I024217			1	☒	unk	—
218	14	2	2	2	Unk	I235-12	dried & sieved	ID8I024218			1	☒	unk	—
219	16	2	4	2	QC	CCV19 I235-14 deleted position 15		ID8I024219			1	☒	CCV	None
220	17	2	5	2	QC	CCB19 auto [illegible] position 15 [illegible]		ID8I024220			1	☒	3XIDL	None
221	18	2	6	2	Unk	I235-15 [illegible]	dried & sieved	ID8I024221			1	☒	unk	—
222	19	2	7	2	Unk	I235-16 [illegible]	dried & sieved	ID8I024222			1	☒	unk	—
223	20	2	8	2	Unk	I235-17 [illegible]	dried & sieved	ID8I024223			1	☒	unk	—
224	21	2	9	2	Unk	I235-18	dried & sieved	ID8I024224			1	☒	unk	—
225	22	2	10	2	Unk	I235-19	dried & sieved	ID8I024225			1	☒	unk	—
226	23	2	11	2	Unk	I235-20	dried & sieved	ID8I024226			1	☒	unk	—
227	24	2	12	2	Unk	I235-21	dried & sieved	ID8I024227			1	☒	unk	—
228	25	2	1	3	QC	CCV20		ID8I024228			1	☒	CCV	None
229	26	2	2	3	QC	CCB20		ID8I024229			1	☒	3XIDL	None
230	61	3	[illegible]	1	Unk	I235-04W	dried & sieved	ID8I024230			1	☒	unk	—
231	62	3	2	1	Unk	I235-05W	dried & sieved	ID8I024231			1	☒	unk	—
232	63	3	3	1	Unk	I235-06W	dried & sieved	ID8I024232			1	☒	unk	—
233	64	3	4	1	Unk	I235-07W	dried & sieved	ID8I024233			1	☒	unk	—
234	65	3	5	1	Unk	I235-08W	dried & sieved	ID8I024234			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilr Factor	ConFact	Check	Check Table	Fail Action
235	66	3	6	1	Unk	I235-09W	dried & sieved	ID8I024235			1	☒	unk	—
236	67	3	7	1	Unk	I235-10W	dried & sieved	ID8I024236			1	☒	unk	—
237	68	3	8	1	Unk	I235-11W	dried & sieved	ID8I024237			1	☒	unk	—
238	69	3	9	1	Unk	I235-12W	dried & sieved	ID8I024238			1	☒	unk	—
239	70	3	10	1	QC	CCV21		ID8I024239			1	☒	CCV	None
240	71	3	11	1	QC	CCB21		ID8I024240			1	☒	3XIDL	None
241	72	3	12	1	Unk	I235-15W	dried & sieved	ID8I024241			1	☒	unk	—
242	73	3	1	2	Unk	I235-16W	dried & sieved	ID8I024242			1	☒	unk	—
243	74	3	2	2	Unk	I235-17W	dried & sieved	ID8I024243			1	☒	unk	—
244	75	3	3	2	Unk	I235-18W	dried & sieved	ID8I024244			1	☒	unk	—
245	76	3	4	2	Unk	I235-19W	dried & sieved	ID8I024245			1	☒	unk	—
246	77	3	5	2	Unk	I235-20W	dried & sieved	ID8I024246			1	☒	unk	—
247	78	3	6	2	Unk	I235-21W	dried & sieved	ID8I024247			1	☒	unk	—
248	79	3	7	2	QC	CCV22		ID8I024248			1	☒	CCV	None
249	80	3	8	2	QC	CCB22		ID8I024249			1	☒	3XIDL	None

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INDEX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00006	.00001	.00003	.00021	.00007	.00018	-.00075	.00044	-.00068	-.00087	Blank
2	S20					89.191		7.0829				S20
3	S21					3.4913		27.612				S21
4	S22				.46960						.16505	S22
5	S23				4.5182						1.7148	S23
6	S24						.03890					S24
7	S25						.90579					S25
8	S26	.15830							.97016	.12332		S26
9	S27	7.2140							8.8994	1.2612		S27
10	S28		.00515									S28
11	S29		.05857									S29
12	S30			.00112								S30
13	S31			.00449								S31
14	ICV	104.16	1.5176	1.0824	1.5857	1.5974	2.4247	1.9992	74.289	2.3335	.91411	ICV
15	ICB	.00024	.01378*	.00037	-.00007	.00031	.00113	-.00001	-.01209	.00012	-.00000	ICB
16	MRL2401	.20641	.10709	.01085	.01063	.01044	.01011	.01005	1.0385	.01043	.00968	MRL2401
17	MRL2402	.21337	.05342	.01055	.00539	.00410	.00377	.00510	.56406	.01054	.00954	MRL2402
18	ICSA1	395.16	.00477	-.00111	.00005	-.00002	-.01614*	.00080	466.81	-.00077	-.00118	ICSA1
19	ICSAB1	380.96	1.0302	1.0344	.51764	.46999	.47179	.39649	458.06	.45154	.45552	ICSAB1
20	CCV1	101.44	1.5045	1.0474	2.0436	1.5422	2.4978	2.0499	76.872	2.5274	.96852	CCV1
21	CCB1	.00065	.01013*	-.00030	-.00001	.00000	.00120	.00001	.01142	-.00001	.00001	CCB1
22	IP1076W5	.00381	-.00064	.00014	.00041	.00012	.00003	.00013	.01417	-.00010	.00009	IP1076W5
23	IP1076WL	5.1350	2.4251	.50023	.47545	.49219	.48731	.49147	49.220	.47188	.46214	IP1076WL
24	IP1076WC	5.0057	2.4112	.49845	.46842	.48230	.48283	.48552	46.705	.46398	.44961	IP1076WC
25	ZZZZZZZ	4.2100	1.8537	1.4531	.42522	.38529	.55559	.35018	55.267	.38785	.38793	ZZZZZZZ
26	1320-01	.17660	.01742	9.5117	.07381	.00009	.35973	.00015	28.523	.00067	.00062	1320-01
27	1320-01J	.03790	.00852	1.8414	.01500	.00001	.07525	.00001	5.8215	-.00002	.00004	1320-01J
28	1320-02	.07539	.03524	10.765	.08540	.00010	.14639	.00035	30.138	.00007	-.00019	1320-02
29	1320-03	.04808	.00316	.50521	.01041	.00002	.23557	.00003	24.017	.00002	.00279	1320-03
30	1320-04	.02909	.00264	.04054	.01274	.00001	.24543	.00007	25.229	.00001	.00192	1320-04
31	CCV2	102.56	1.5546	1.0324	2.0061	1.5903	2.4831	2.0465	76.835	2.5541	.95987	CCV2
32	CCB2	.00123	.00968*	.00088	-.00003	-.01301	.00097	.00001	.01678	-.00003	-.00011	CCB2
33	IP107050	.00263	.00145	.00048	.00044	.00037	.00034	.00011	.01480	.00016	.00017	IP107050
34	IP107056	5.1863	2.4156	.51490	.50348	.51970	.49687	.53221	49.705	.50138	.49712	IP107056
35	IP107056	4.9721	2.4000	.49301	.48736	.49569	.48390	.51372	49.530	.48175	.48121	IP107056
36	1296-01A	16.677	7.8043	.55364	.56831	.53385	.45434	.54914	59.871	.56215	.56211	1296-01A
37	1296-01W	14.923	.01473	.37546	.39576	.10163	.00640	.03167	3.7918	.00213	.37199	1296-01W
38	1296-01J	3.0013	.00562	.06026	.07778	.00024	.00096	.00026	2.3097	.01059	.00230	1296-01J
39	1320-01A	5.6586	2.7033	10.699	.59056	.53568	.54692	.54075	81.478	.50140	.49592	1320-01A
40	1320-01M	5.4257	2.5830	10.437	.55276	.49776	.51235	.43821	77.548	.47210	.45588	1320-01M
41	1320-01S	5.5756	2.6202	10.696	.55651	.49865	.52421	.50534	79.390	.47834	.48459	1320-01S
42	CCV3	104.19	1.5589	1.0316	2.0030	1.5944	2.4849	2.0407	77.417	2.5165	.95640	CCV3
43	CCB3	.00184	.01272*	.00149	-.00008	.00020	.00078	.00001	.00775	-.00002	.00039	CCB3
44	IP1073W6	.00243	.00215	.00018	.00017	.00030	-.00001	.00009	-.00375	.00006	.00006	IP1073W6
45	IP1073WL	5.4861	2.5832	.52866	.49439	.51365	.50164	.52211	51.138	.49559	.48316	IP1073WL
46	IP1073WC	5.4922	2.6325	.52849	.49500	.52379	.50017	.52649	54.326	.49717	.48641	IP1073WC
47	1075-02A	5.6001	1.4695	.55893	.57082	.52807	.60545	.53562	176.02	.50733	.48988	1075-02A
48	1075-02	.02063	.03727	.00293	.05314	.00018	.09164	.00009	132.12	.00565	-.00013	1075-02
49	1075-02J	.00439	.01760	.00153	.01159	.00033	.01477	.00000	25.842	.00553	.00031	1075-02J
50	1075-02M	5.7761	2.7046	.55564	.57102	.51695	.56953	.53582	181.66	.50319	.46653	1075-02M
51	1075-02S	5.5673	2.6545	.54363	.55530	.50754	.55620	.52103	179.97	.49395	.48110	1075-02S
52	1075-01	.00869	.01849	.00104	.19398	.00020	.17338	.00304	168.88	.00066	-.00030	1075-01
53	1077-24	.00816	.00520	.00087	.00009	-.00007	.00025	.00105	.00311	.00019	.00012	1077-24
54	CCV4	104.62	1.5525	1.0409	2.0123	1.5811	2.4959	2.0415	77.605	2.5195	.95169	CCV4

55	CCB4	.00423	.01517*	.00081	-.00004	.00000	.00086	.00001	.00427	.00002	-.00002	CCB4
56	I097-02	.25679	.00234	.00667	.00703	.00011	.27977	.00014	29.357	.00114	.00036	I097-02
57	I097-03	.08653	.00174	.00118	.04787	.00009	.59107	.00019	48.094	.00058	.00115	I097-03
58	I097-06	.04286	.00088	.01198	.06028	.00008	.54018	.00056	111.67	.00080	.00149	I097-06
59	I097-08	.01601	.00130	.009B6	.03110	-.00004	.47669	.00008	64.462	.00133	.00013	I097-08
60	I097-10	.17763	.00015	.00094	.03378	.00003	.40181	.00120	107.09	.00331	.02921	I097-10
61	I097-13	.01368	.00462	.29814	.01390	.00011	.28403	.00017	9.4418	.07731	.00007	I097-13
62	I097-15	.00510	-.00003	.00520	.03638	.00017	.34653	.00025	100.77	.00052	.00011	I097-15
63	I097-17	1.6533	.00075	.00228	.04286	.00128	.55601	.00045	58.993	.00195	.01251	I097-17
64	I091-01	.00712	-.00003	.00206	.18761	.00000	.10385	-.00001	162.64	.00069	-.00019	I091-01
65	I091-02	.22252	.00677	.00467	.23876	.00165	.21476	.00202	351.64	.00271	.00115	I091-02
66	CCV5	104.10	1.5539	1.0502	2.0201	1.5838	2.5075	2.0436	77.977	2.5368	.95127	CCV5
67	CCB5	.00056	.01097*	.00077	.00006	.00001	.00090	.00003	.01249	-.00002	-.00004	CCB5
68	I112-10	.00721	.00167	.00145	.00612	.00007	.14913	.00022	15.136	.00046	-.00017	I112-10
69	I112-11	.00750	.00022	.00294	.01563	.00004	.14328	.00015	22.324	.00065	-.00012	I112-11
70	I088-08	.01625	-.00018	.00194	.01032	.00012	.15513	.00038	39.558	.00082	-.00023	I088-08
71	I088-09	.00932	.00037	-.00022	.01012	-.00002	.15530	.00021	39.644	.00062	-.00016	I088-09
72	I086-02	.01340	-.00098	.00247	.00024	-.00005	.03084	.00006	.22629	-.00015	.00005	I086-02
73	I129-02	.03985	.00056	.00311	.05797	.00006	.64207	.00044	64.203	.00111	.00277	I129-02
74	I129-04	.08663	.00000	.03101	.03566	.00004	.49840	.00028	77.080	.00166	.00433	I129-04
75	CCV6	101.82	1.5557	1.0500	2.0489	1.5884	2.5259	2.0422	77.840	2.5570	.95181	CCV6
76	CC86	.00306	.00988*	.00075	.00005	-.00001	.00123	.00002	.05228	.00010	-.00001	CC86
77	IPI077WB	.00094	-.00079	.00081	.00060	.00011	.00039	.00008	.00659	-.00003	.00003	IPI077WB
78	IPI077WL	5.4601	2.5598	.54126	.50704	.51168	.51894	.52189	52.505	.50373	.48016	IPI077WL
79	IPI077WC	5.5288	2.6016	.54120	.50283	.51715	.52541	.52041	51.624	.50387	.47820	IPI077WC
80	I120-01A	5.7083	1.0056	.58022	.61977	.52549	.67519	.53630	167.04	.55077	.48418	I120-01A
81	I120-01	.00144	.02553	.00275	.10995	.00007	.15185	.00019	119.52	.03367	.00010	I120-01
82	I120-01J	.00417	.01903	-.00007	.02217	-.00002	.02801	.00003	24.039	.00696	-.00009	I120-01J
83	ICSA2	384.38	.00698	-.00025	.00014	-.00004	-.00907	.00056	476.50	-.00056	-.00123	ICSA2
84	ICSAB2	390.57	1.0552	1.0791	.52582	.49795	.49098	1.0132	477.06	.47335	.46072	ICSAB2
85	CCV7	102.00	1.5651	1.0657	2.0653	1.5821	2.5407	2.0385	77.967	2.5757	.94786	CCV7
86	CCB7	-.00027	.00671*	.00116	-.00001	.00002	.00039	.00004	.00225	-.00006	.00007	CCB7
87	IPI070SQ	.00544	.00090	-.00032	.00048	.00003	.00022	.00013	.09770	.00010	.00014	IPI070SQ
88	IPI070SX	5.1440	2.4338	.53109	.521B3	.51459	.46104	.53325	50.449	.51569	.49466	IPI070SX
89	IPI070SY	4.B987	2.4158	.50765	.50369	.49375	.45658	.51320	50.236	.49560	.47633	IPI070SY
90	I296-01A	19.740	2.5337	.57258	.B9492	.52758	.48220	.54747	60.321	.57665	.51726	I296-01A
91	I296-01W	14.320	.00649	.03057	.37396	.00161	.00851	.00145	10.020	.05347	.01179	I296-01W
92	I296-01J	3.0144	.00373	.00670	.07522	.00030	.00128	.00023	2.0322	.01069	.00215	I296-01J
93	I221-04A	90.927	2.5797	.56733	1.3176	.53590	.49241	.55144	67.179	.72553	.57936	I221-04A
94	I221-04W	84.065	.00966	.00879	.80299	.00103	.00467	.00065	17.531	.19260	.07141	I221-04W
95	I221-04J	17.163	.00418	.00231	.16279	.00019	.00057	-.00014	3.6363	.03859	.01410	I221-04J
96	CCVB	102.74	1.5604	1.0836	2.0871	1.5665	2.5614	2.0450	78.186	2.5744	.94635	CCV8
97	CCB8	-.00199	.00647*	.00072	-.00010	.00002	.00016	-.00001	.00034	-.00013	-.00008	CCB8
98	IPI072SB	.00005	.00127	.00078	.00065	-.00004	.00002	.00005	-.01313	.00004	.00003	IPI072SB
99	IPI072SL	4.9935	2.4404	.52239	.51342	.50796	.46621	.52761	51.454	.50900	.49054	IPI072SL
100	IPI072SC	5.1361	2.5518	.54289	.52802	.51964	.48575	.54161	51.258	.52458	.50248	IPI072SC
101	I077-01A	168.38	2.6234	.65129	1.9439	.52863	.59904	.55807	219.33	.78123	.61064	I077-01A
102	I077-01	164.43	.02582	.07147	1.4333	.00443	.11480	.00469	177.17	.25494	.10373	I077-01
103	I077-01J	33.908	.00740	.01433	.29343	.00092	.02011	-.00012	38.213	.05294	.02082	I077-01J
104	I077-01M	200.23	2.3026	.61338	1.8787	.47858	.57345	.50427	213.04	.76966	.58252	I077-01M
105	I077-01S	204.99	2.3330	.60381	1.9247	.48370	.58441	.50306	214.15	.76901	.57592	I077-01S
106	I077-02	120.75	.02122	.08196	.68797	.00353	.09366	.00392	127.86	.19088	.09438	I077-02
107	I077-03	123.11	.01103	.06650	.92934	.00384	.08855	.00370	90.271	.20863	.10628	I077-03
108	CCV9	102.01	1.5678	1.0890	2.0957	1.5651	2.5662	2.0451	78.061	2.5843	.94730	CCV9
109	CCB9	-.00179	.01152*	-.00002	-.00005	-.00001	.00092	-.00001	.02117	-.00005	-.00004	CCB9
110	I077-04	128.22	.00895	.07354	.78527	.00361	.10705	.00414	120.28	.20789	.09374	I077-04
111	I077-05	102.52	.00743	.04963	.95455	.00379	.06619	.00192	47.386	.32882	.09344	I077-05

112	I077-06	133.07	.00561	.06786	1.4028	.00427	.11395	.00317	68.071	.22671	.09380	I077-06
113	I077-07	55.622	.00586	.02665	.48518	.00230	.02916	.00081	21.607	.11821	.04926	I077-07
114	I077-08	46.155	.00314	.02489	.35991	.00189	.02372	.00047	10.052	.11313	.05351	I077-08
115	I077-09	47.263	.01804	.02452	.42843	.00185	.02436	.00101	12.719	.11649	.05104	I077-09
116	I077-10	35.373	.00301	.02003	.23754	.00140	.01307	.00017	6.1089	.09764	.04187	I077-10
117	I077-11	106.67	.00391	.05824	.82348	.00355	.10470	.00248	88.811	.17835	.08006	I077-11
118	I077-12	72.498	.00236	.03955	.86465	.00210	.05480	.00180	275.80	.14157	.05119	I077-12
119	I077-13	120.68	.00532	.06888	1.2739	.00388	.11035	.00476	99.142	.22532	.09024	I077-13
120	CCV10	103.57	1.5570	1.0889	2.0928	1.5566	2.5720	2.0432	78.450	2.5820	.94601	CCV10
121	CCB10	-.00335	.00979*	.00023	-.00010	-.00002	.00047	-.00003	.01273	.00002	-.00009	CCB10
122	I077-14	84.468	.02406	.05131	1.5620	.00285	.09079	.01895	199.74	.45574	.06351	I077-14
123	I077-15	56.448	.00362	.03054	.40507	.00214	.02851	.00034	8.7313	.13230	.04893	I077-15
124	I077-16	61.148	.00196	.03275	.46071	.00226	.02977	.00020	8.8926	.14139	.05578	I077-16
125	I077-17	58.237	.00212	.03006	.49116	.00236	.03072	.00050	12.639	.12608	.05268	I077-17
126	I077-18	54.878	.00160	.02803	.40401	.00247	.03880	.00039	10.327	.12005	.04531	I077-18
127	I077-19	60.283	.02824	.03478	.46714	.00261	.04666	.00606	100.20	.19566	.05264	I077-19
128	I077-20	48.333	.02570	.02690	.40170	.00204	.04029	.00294	56.116	.16046	.04477	I077-20
129	CCV11	102.27	1.5594	1.0957	2.1083	1.5534	2.5853	2.0448	78.617	2.6073	.94428	CCV11
130	CCB11	-.00356	.00915*	.00122	-.00017	-.00003	.00068	.00001	-.00468	-.00007	-.00005	CCB11
131	TXI006SB	.05414	.00245	-.00027	.00218	.00001	.03542	.00000	.04271	.00022	-.00015	TXI006SB
132	I461-01A	5.6601	2.6587	.60190	.64563	.51060	.58280	.53900	151.70	.52027	.48968	I461-01A
133	I461-01	.05771	.01639	.00677	.12225	.00015	.06182	.00267	105.71	.00336	.00280	I461-01
134	I461-01J	.01422	.00392	.00242	.02251	.00000	.01033	.00052	19.642	.00084	.00052	I461-01J
135	I461-01M	5.4436	2.6597	.58387	.64383	.50728	.59968	.52678	160.80	.51053	.48095	I461-01M
136	I461-01S	5.3766	2.6390	.57890	.63284	.49284	.58608	.51896	162.01	.50045	.47282	I461-01S
137	I462-03	.11213	.02563	-.00150	.12270	.00015	.11534	.00990	5.4267	.00979	.00111	I462-03
138	I462-04	.86245	.01179	.00032	.22289	.00002	.58582	.00487	6.3387	.00170	.00459	I462-04
139	I484-01	.09905	.01181	.00069	.19715	.00026	.23668	.02439	11.497	.01619	.01381	I484-01
140	CCV12	102.68	1.5644	1.0996	2.0928	1.5514	2.5726	2.0471	78.430	2.5907	.94492	CCV12
141	CCB12	-.00326	.01054*	.00036	-.00001	-.00003	.00124	-.00004	-.00366	.00006	-.00004	CCB12
142	IPI066SB	-.00263	-.00066	.00178	.00058	.00012	.00083	.00010	.00781	-.00017	.00016	IPI066SB
143	IPI066SL	5.3398	2.5356	.55208	.51447	.49988	.52380	.51603	52.275	.50661	.47153	IPI066SL
144	IPI066SC	5.3754	2.6197	.56438	.52393	.51139	.54208	.52339	52.088	.51920	.47671	IPI066SC
145	I235-01A	5.9707	2.6251	.59809	.55780	.54262	.51934	.63013	101.06	.54899	.50710	I235-01A
146	I235-01T	.26456	.01981	.00437	.00574	.00007	.00160	.07528	52.839	.00553	.00149	I235-01T
147	I235-01J	.05459	.00739	.00064	.00125	-.00002	-.00006	.01471	10.572	.00104	.00026	I235-01J
148	I235-01M	.76965	.25459	.05677	.05748	.05103	.05048	.11555	45.913	.05522	.04906	I235-01M
149	I235-01S	.73812	.26042	.05920	.05682	.05065	.05144	.10674	58.663	.05619	.04872	I235-01S
150	I235-02T	.73477	.00634	.00270	.00906	.00006	.00004	.03255	33.848	.00298	.00130	I235-02T
151	I235-03T	2.2572	.00378	.00157	.04205	.00022	-.00019	.02579	58.856	.00470	.00309	I235-03T
152	CCV13	101.47	1.5599	1.0938	2.1169	1.5580	2.5832	2.0447	78.224	2.6015	.94604	CCV13
153	CCB13	-.00313	.01069*	.00127	-.00008	.00001	.00120	-.00001	.01464	-.00002	-.00013	CCB13
154	I235-04T	.19922	.00441	.00325	.00318	.00002	.00079	.01763	35.996	.00234	.00032	I235-04T
155	I235-05T	.48348	.00413	.00407	.00267	.00008	.00016	.02607	56.018	.00829	.00081	I235-05T
156	I235-06T	.14698	.00238	.00157	.00168	.00000	.00004	.02250	35.954	.00166	.00029	I235-06T
157	I235-07T	.20998	.00272	.00247	.00262	.00004	.00023	.03333	61.832	.00259	.00051	I235-07T
158	I235-08T	.16507	.00250	.00273	.00165	.00003	-.00031	.02105	30.406	.00292	.00034	I235-08T
159	I235-09T	.15867	.00284	.00261	.00225	.00002	-.00026	.04498	66.056	.00303	.00050	I235-09T
160	I235-10T	.10498	.00333	.00368	.00123	-.00001	-.00025	.05742	124.60	.00501	.00026	I235-10T
161	I235-11T	.13189	.00023	.00155	.00175	.00000	-.00027	.01023	73.511	.00227	.00017	I235-11T
162	I235-12T	.16967	.00053	.00235	.00215	.00003	-.00022	.01697	87.981	.00307	.00018	I235-12T
163	I235-14T	.18236	.00558	.00412	.00152	.00002	-.00098	.10898	68.942	.00693	.00107	I235-14T
164	CCV14	102.33	1.5567	1.0958	2.1120	1.5533	2.5759	2.0469	78.235	2.5939	.94652	CCV14
165	CCB14	-.00295	.00909*	-.00052	.00000	-.00001	.00091	-.00001	-.01001	-.00002	-.00006	CCB14
166	I235-15T	.11435	.00719	.00316	.00124	.00000	.00024	.07818	45.041	.00339	.00039	I235-15T
167	I235-16T	.11799	.00392	.00170	.00123	-.00004	.00014	.04378	82.123	.00375	.00046	I235-16T
168	I235-17T	.51742	.00346	.00390	.01141	.00005	-.00020	.04351	46.471	.00376	.00173	I235-17T

169	I235-18T	2.7562	.00532	.00949	.06986	.00045	.00044	.10163	34.721	.00945	.00623	I235-18T
170	I235-19T	1.1009	.00274	.00426	.00919	.00010	-.00032	.04910	56.763	.00473	.00118	I235-19T
171	I235-20T	.16352	.00267	.00294	.00164	-.00002	.00018	.03052	34.977	.00233	.00044	I235-20T
172	I235-21T	.71529	.00305	.00619	.01020	.00007	-.00031	.05135	31.767	.00401	.00131	I235-21T
173	CCV15	101.78	1.5532	1.0920	2.1121	1.5494	2.5758	2.0511	77.763	2.5839	.94974	CCV15
174	CCB15	-.00102	.00896*	-.00033	-.00004	-.00003	.00102	.00001	-.01101	-.00014	-.00024	CCB15
175	IPI075SB	-.00016	.00165	.00123	.00070	.00002	.00033	.00010	-.00654	.00014	-.00001	IPI075SB
176	IPI075SL	4.9360	2.4563	.53010	.51793	.49276	.47364	.52432	52.137	.50988	.48502	IPI075SL
177	IPI075SC	4.9926	2.4814	.53227	.51472	.49395	.47438	.52582	51.424	.50949	.48626	IPI075SC
178	I187-01A	56.262	2.4899	.63377	1.5405	.52956	.48969	.67532	88.451	.62454	.55555	I187-01A
179	I187-01	50.128	.03224	.06762	1.0068	.00617	.01259	.12623	40.471	.10002	.04379	I187-01
180	I187-01J	10.474	.01098	.01361	.20584	.00123	.00191	.02445	8.3569	.02038	.00856	I187-01J
181	I187-01M	89.825	2.1843	.56793	1.5067	.47244	.41348	.61154	85.768	.59068	.49968	I187-01M
182	I187-01S	92.158	2.2619	.58337	1.5571	.48546	.42746	.62794	87.925	.60818	.51344	I187-01S
183	I187-02	56.577	.02428	.08127	1.2819	.00655	.00821	.03441	24.668	.12236	.06918	I187-02
184	I187-03	46.958	.01237	.07206	1.0394	.00767	.01085	.00859	31.464	.10101	.05928	I187-03
185	CCV16	101.32	1.5575	1.0978	2.1254	1.5442	2.5841	2.0499	77.653	2.5882	.94934	CCV16
186	CCB16	-.00392	.01167*	.00001	-.00007	-.00001	.00088	-.00003	-.00964	-.00009	.00001	CCB16
187	I187-04	57.252	.00811	.08676	1.1284	.00906	.00601	.00429	24.207	.11955	.07809	I187-04
188	I187-05	67.222	.00903	.08156	1.1325	.00687	.00918	.00276	15.181	.23413	.09174	I187-05
189	I187-06	66.611	.00704	.07508	1.6526	.00745	.01321	.03823	74.264	.13518	.08003	I187-06
190	I187-07	71.450	.00589	.07944	2.7312	.00754	.00546	.00285	23.879	.13113	.13454	I187-07
191	I187-08	37.154	.00513	.05719	.75292	.00551	.00600	.03387	29.701	.07801	.08496	I187-08
192	I187-09	59.080	.00718	.08531	.96121	.00773	.00303	.01169	13.538	.12671	.10168	I187-09
193	I187-10	44.412	.00791	.07392	1.0510	.00671	.00446	.05769	19.808	.11945	.07271	I187-10
194	ICSA3	372.43	.00175	-.00232	.00117	.00000	.00060	.00176	472.18	-.00025	-.00124	ICSA3
195	ICSAB3	374.75	1.0233	1.0982	.53855	.47396	.50287	.99367	463.38	.47041	.44690	ICSAB3
196	CCV17	101.70	1.5613	1.1026*	2.1334	1.5493	2.5884	2.0489	78.004	2.5991	.94741	CCV17
197	CCB17	-.00220	.00991*	-.00036	-.00005	.00000	.00107	.00001	-.00653	.00011	-.00008	CCB17
198	IPI071SB	.00207	.00217	.00074	.00058	-.00001	.00057	.00007	-.00647	.00008	-.00005	IPI071SB
199	IPI071SL	5.1047	2.4999	.54592	.52876	.50482	.48607	.53493	50.829	.52195	.49439	IPI071SL
200	IPI071SC	4.9289	2.4436	.53044	.51206	.48819	.47477	.51886	50.844	.50609	.47815	IPI071SC
201	I235-01A	10.064	2.6794	.65182	.65186	.51778	.52755	1.2730	753.55	.59252	.52467	I235-01A
202	I235-01	4.4007	.04580	.04965	.09236	.00126	.01502	.74791	734.44	.06847	.02117	I235-01
203	I235-01J	.86657	.01648	.00988	.01860	.00022	.00288	.15132	159.33	.01431	.00418	I235-01J
204	I235-01M	10.317	2.5922	.61094	.60071	.47112	.50978	1.2790	809.36	.55026	.48058	I235-01M
205	I235-01S	10.060	2.5784	.60334	.60295	.47207	.50927	1.2354	772.14	.55040	.47910	I235-01S
206	I235-02	5.2231	.03716	.04980	.05986	.00091	.00249	.55493	608.47	.04767	.01519	I235-02
207	I235-03	28.192	.02969	.06232	.45071	.00343	.00922	.59085	343.99	.06839	.05901	I235-03
208	CCV18	101.51	1.5581	1.1083*	2.1444	1.5372	2.6067	2.0501	77.471	2.5986	.94705	CCV18
209	CCB18	-.00365	.01172*	-.00125	-.00006	.00004	.00124	.00005	-.00022	.00006	-.00014	CCB18
210	I235-04	5.2175	.02421	.08527	.06152	.00166	.01028	.68516	898.32	.06850	.01780	I235-04
211	I235-05	5.7036	.02368	.10369	.05463	.00156	.00966	.62399	1259.4*	.07256	.01866	I235-05
212	I235-06	3.4740	.02361	.08071	.03737	.00137	.00396	.83188	902.96*	.05058	.01531	I235-06
213	I235-07	3.7817	.02658	.08753	.04369	.00167	.00253	.97882	1084.6*	.05677	.01655	I235-07
214	I235-08	4.7564	.02284	.08012	.03889	.00167	.00542	.67833	950.40*	.09652	.01876	I235-08
215	I235-09	3.2598	.02117	.06373	.03455	.00133	.00292	.74330	1163.7*	.05193	.01870	I235-09
216	I235-10	1.9946	.01622	.05486	.01877	.00064	.00363	.61577	2043.7*	.05194	.00676	I235-10
217	I235-11	2.5571	.01207	.03507	.02966	.00082	.00536	.33181	1412.3*	.03951	.00993	I235-11
218	I235-12	2.4222	.01147	.03364	.03090	.00079	.00521	.32181	1383.3*	.03871	.00960	I235-12
219	CCV19	-.00482*	.00056*	.00026*	-.00015*	.00001*	-.00087*	-.00004*	.01682*	-.00004*	.00002*	CCV19
220	CCB19	-11.464*	-5.3920*	3.2941*	-9.4413*	-.70075*	-3.0501*	.29392*	-72.274*	2.9810*	1.4977*	CCB19
221	I235-15	2.0647	.02746	.04582	.02548	.00061	-.00634	1.0694	709.61	.08185	.01189	I235-15
222	I235-16	2.4202	.02420	.04620	.03348	.00066	-.00423	.82559	702.77	.07587	.01251	I235-16
223	I235-17	3.8222	.02593	.04571	.05017	.00086	-.00144	.97861	689.81	.07116	.01502	I235-17
224	I235-18	22.143	.03054	.08994	.27628	.00347	.00178	1.1493	512.62	.10124	.06299	I235-18
225	I235-19	14.208	.02887	.06536	.14146	.00200	-.00008	.83375	636.89	.08133	.02337	I235-19

226	1235-23	2.3220	.02604	.04744	.03072	.00061	.00434	.74562	557.69	.06051	.01184	1235-23
227	1235-21	4.8083	.02713	.11315	.05336	.00599	.00222	1.3455	635.65	.07118	.01796	1235-21
228	00723	102.26	1.5485	1.3918*	2.0151	1.5434	2.5897	2.8432	78.024	2.5973	.94394	00720
229	00828	-.00461	.01052*	.00206	-.00207	.00032	.00051	-.00052	-.00225	.00011	-.00004	00820
230	1235-04W	4.8577	.02725	.03595	.05075	.00159	.00518	.68269	855.57	.06594	.01741	1235-04W
231	1235-05W	5.1780	.02021	.03809	.05113	.00147	.00756	.50307	1207.1*	.06837	.01306	1235-05W
232	1235-06W	3.2936	.02796	.07902	.03656	.00133	.00339	.82821	911.62*	.04942	.01537	1235-06W
233	1235-07W	3.4322	.02612	.06543	.04146	.00152	.00893	.95924	1065.4*	.05319	.01622	1235-07W
234	1235-08W	4.5303	.02259	.07641	.03833	.00167	.00447	.56753	946.20*	.05516	.01899	1235-08W
235	1235-09W	2.9971	.02204	.05744	.03458	.00133	.00329	.74984	1149.5*	.05143	.01882	1235-09W
236	1235-10W	1.7553	.01687	.05545	.01917	.00051	.00320	.51702	2051.0*	.05025	.00666	1235-10W
237	1235-11W	3.5120	.01092	.03443	.03152	.00098	.00514	.35127	1432.7*	.03928	.01007	1235-11W
238	1235-12W	2.2851	.02299	.03493	.03037	.00079	.00462	.31557	1352.0*	.03679	.00955	1235-12W
239	00921	97.383	1.4989	1.3430	2.0609	1.5061	2.4041	1.9779	74.646	2.5232	.91731	00921
240	00821	-.00297	.00922*	.00071	-.00006	-.00001	.00041	.00304	-.00247	.00010	.00000	00821
241	1235-15W	1.9910	.02974	.04878	.02548	.00067	-.00610	.07[illegible]	705.90	.08077	.01176	1235-15W
242	1235-16W	2.2124	.02683	.04691	.03349	.00070	-.00313	.82754	706.64	.07536	.01252	1235-16W
243	1235-17W	3.6975	.02662	.04591	.03752	.00082	-.00180	.58011	679.42	.07004	.01514	1235-17W
244	1235-18W	22.539	.03030	.09081	.28999	.00345	.00203	1.1566	515.30	.10250	.05036	1235-18W
245	1235-19W	14.295	.02983	.06416	.14378	.00195	-.00009	.82687	629.41	.08130	.02322	1235-19W
246	1235-20W	2.3055	.02594	.04[illegible]	.03147	.00061	.00404	.74340	645.90	.05956	.01193	1235-20W
247	1235-21W	4.8796	.02683	.11029	.05423	.00399	.00159	1.0404	644.38	.07104	.01792	1235-21W
248	00922	97.342	1.5077	1.0444	2.0772	1.5193	2.5076	1.9572	74.593	2.5351	.92981	00922
249	00822	-.00420	.00923*	.00035	.00007	-.00002	.00001	.00000	-.01396	.00005	.00001	00822
1600	1510	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	1510

INJC	LSID	Cr	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00075	.00001	.00017	-.00008	.00010	.00004	.00003	.00062	-.00037	.00001	Blank
2	S20			.28259			1.0413					S20
3	S21			2.0438			1.0226					S21
4	S22	.27907	.04976									S22
5	S23	2.6883	1.9193									S23
6	S24							.77617				S24
7	S25							7.1709				S25
8	S26								.82135	.24926		S26
9	S27								7.5758	2.4564		S27
10	S28					.11451						S28
11	S29					.46251						S29
12	S30				.32196						.00131	S30
13	S31				.10730						.00519	S31
14	ICV	2.4573	23.586	2.3304	.48119	55.910	2.2551	2.4354	2.4392	58.761	.99727	ICV
15	ICB	-.00022	.00158	.00013	-.00032	.00011	-.00021	.00091*	-.00022	.03965	.00072	ICB
16	MRL2401	.01025	.21155	.01016	.01036	.96145	.03632	.01059	.01035	1.8801	.01101	MRL2401
17	MRL2402	.01079	10385	.00281	.09769	.28007	.00553	.01007	.01322	.96581	.00556	MRL2402
18	ICSAB	.00005	189.43	-.00073	.00147	189.56	.00182	-.00206	.00117	.05213	.00437	ICSAB
19	ICSAB1	.50245	181.89	.89177	1.0095	185.57	.43513	.99585	.95923	76.546	1.0441	ICSAB1
20	CCV1	2.5115	24.668	2.4057	.49442	57.093	2.3593	2.5394	2.5162	60.847	1.0536	CCV1
21	CCB1	-.00011	.00152	-.00002	-.00028	-.00550	-.00014	.00087	-.00020	-.00976	.00360	CCB1
22	IPI076W8	.00049	.00012	-.00029	-.00195	.00416	.00016	.00014	.00016	-.07203	-.00047	IPI076W8
23	IPI076W1	.47290	4.0239	.47125	-.00552*	47.023	.45651	.49693	.48656	49.239	.49612	IPI076W1
24	IPI076W5	.46359	4.1195	.46127	-.00320*	44.597	.44631	.47144	.47364	46.595	.49420	IPI076W5
25	ZZZZZZ	.59715	3.5576	.55470	.00144	46.171	.45564	.38267	.35361	37.538	.40593	ZZZZZZ
26	1320-01	.07945	.18235	.00279	.00185	16.396	.14296	.00914	.00145	2.8442	.00195	1320-01
27	1320-01D	.00386	.03489	.00066	.00025	3.3576	.02515	.00194	.00010	.54789	.00047	1320-01D
28	1320-02	.00064	.03279	.00060	.00237	17.703	.47001	.00360	.00074	3.1260	.00021	1320-02
29	1320-03	.00093	.27500	.00006	.00144	15.381	.12773	-.00009	.00361	2.9125	-.00322	1320-03
30	1320-04	.00102	.12330	-.00056	.00114	16.181	.12346	-.00009	.00204	3.0144	.00033	1320-04
31	CCV2	2.5111	24.653	2.3965	.49345	57.253	2.3387	2.5234	2.5256	59.416	1.0450	CCV2
32	CCB2	-.00011	.01365	-.00035	.00241	.00155	.00800	.00194*	-.00018	.00594	.00008	CCB2
33	IPI07052	-.00005	.00339	-.00011	-.00375	.00232	.00800	.00015	.00024	.00235	-.00082	IPI07052
34	IPI07053	.50276	5.2026	.49974	-.00129*	47.142	.48067	.50734	.52282	47.202	.50043	IPI07053
35	IPI07057	.49670	4.9455	.47766	-.00092*	47.328	.46369	.50347	.50215	47.606	.4803	IPI07057
36	1296-01A	.54336	53.831	.56296	.01719	62.452	1.7019	.52976	.51466	60.554	.51413	1296-01A
37	1296-01W	.14237	51.497	.06020	.01651	4.2372	.85941	.00335	.01556	4.1152	.00736	1296-01W
38	1296-01D	.03539	10.548	.01223	.00373	.89432	.17384	.00053	.00287	.78880	.00114	1296-01D
39	1320-01A	.54132	5.4827	.53064	.00216	67.422	.63951	.51351	.49649	55.049	.55392	1320-01A
40	1320-01W	.49962	5.0425	.45767	.00255	61.757	.59971	.48349	.48314	61.896	.52039	1320-01W
41	1320-01S	.51701	5.1943	.47506	.00014	64.951	.61115	.49633	.45010	61.581	.52754	1320-01S
42	CCV3	2.5007	24.750	2.3906	.49424	57.831	2.3470	2.5124	2.4979	59.487	1.0428	CCV3
43	CCB3	-.00016	.01119	-.00054	-.00075	.00323	-.00001	.00100*	-.00016	.00167	.00071	CCB3
44	IPI073W3	-.00011	-.00004	-.00035	-.00131	.00473	-.00024	.00106	.00012	.00902	-.00081	IPI073W3
45	IPI073W6	.53553	5.2187	.49471	-.00024*	48.893	.47973	.52118	.55391	49.201	.51972	IPI073W6
46	IPI073W0	.53525	5.1976	.49663	-.00071*	52.011	.48108	.51084	.50118	53.003	.52373	IPI073W0
47	1075-02A	.51643	5.5977	.50458	.00459	71.416	.59452	.45939	.47958	65.204	.56257	1075-02A
48	1075-02	.00057	.37651	.00132	.00446	22.525	.27116	.00516	.00032	3.8156	-.00115	1075-02
49	1075-02J	-.00209	.07392	.00247	.00034	4.2872	.04282	.00119	.00024	.69211	.00066	1075-02J
50	1075-02M	.52679	5.6636	.50937	.00463	72.619	.70597	.53813	.51645	66.145	.54026	1075-02M
51	1075-02S	.53102	5.4436	.49178	.00459	71.339	.69.32	.51843	.49685	64.568	.53220	1075-02S
52	1075-01	.50034	.32823	.50262	.00665	30.062	.22376	.00130	.00020	4.3360	.00374	1075-01
53	1077-24	-.00006	.00231	.00007	-.00149	.31508	.00000	.00012	.00022	.02135	-.00083	1077-24
54	CCV4	2.5336	25.029	2.3917	.49663	57.548	2.3559	2.5181	2.5003	59.261	1.0445	CCV4

55	C084	-.00015	.00137	.00011	.06037	-.00064	-.00039	.00132*	-.00015	-.02491	.00106	C084	
56	1097-02	.00247	.48945	.00686	.02054	53.453	.06359	.00104	.00020	4.1325	.00204	1097-02	
57	1097-03	.00139	-.01596	.00703	.03871	69.315	.10153	.00303	.03857	5.4499	.00369	1097-03	
58	1097-05	.00259	-.02693	.00573	.12572	171.05	.06335	.00204	.02142	9.0757	.01527	1097-06	
59	1097-08	.00279	-.01491	.00655	.03907	44.227	.04066	.00125	.00369	5.5174	.01559	1097-08	
60	1097-10	.00923	.24031	.00473	.00993	57.269	.67144	.00228	.15947	3.2221	.01354	1097-10	
61	1097-13	.00235	-.00765	.00203	.00578	23.633	.08024	.01942	.00073	3.0370	.01436	1097-13	
62	1097-15	.00130	-.00490	.00149	.02123	51.124	.08066	.02662	.00461	4.4316	.00354	1097-15	
63	1097-17	.00556	.03015	.00763	.05832	194.72	.14077	.00003	.03533	8.9472	.00260	1097-17	
64	1091-01	.00827	3.3631	.00229	.00710	23.265	.81524	-.00034	.00001	4.0950	-.00127	1091-01	
65	1091-02	.00366	.37425	.04968	.01606	76.407	.19455	.00054	.00437	8.6165	.00709	1091-02	
66	C085	2.5364	26.125	2.3998	.49995	57.829	2.3789	2.5235	2.5029	59.615	1.0638	C085	
67	C085	-.00015	.00048	-.00072	-.00058	-.00086	-.00039	.00109*	-.00071	.01663	.00038	C085	
68	1112-10	.00102	-.00677	.00416	.07672	71.266	.00086	.00147	.00416	3.3219	.00798	1112-10	
69	1112-11	.00118	-.00415	.00472	.00799	22.291	.00604	.00529	.00312	2.7469	.00544	1112-11	
70	1088-08	.00163	-.01522	.00477	.01585	59.106	.00196	.00064	.01329	7.0424	.01694	1088-08	
71	1088-09	.00102	-.01733	.00413	.01558	59.246	.00085	.00062	.01254	7.0911	.01727	1088-09	
72	1086-02	.00009	.00036	-.00027	-.00109	.10921	-.00017	-.00007	.00036	.00243	-.00139	1086-02	
73	1129-02	.00169	-.02213	.00525	.09502	107.23	.13967	-.00016	.02047	8.9876	.00770	1129-02	
74	1129-04	.01140	-.01572	.00631	.05037	110.00	.09668	.00157	.02264	10.032	.02309	1129-04	
75	C086	2.4943	24.652	2.3943	.49658	57.926	2.3519	2.5289	2.4909	61.856	1.0634	C086	
76	C086	-.00012	.00724	.00021	-.00147	-.00907	-.00035	.00199*	-.00098	.01540	.00095	C086	
77	1P1077WB	.01054	-.00710	-.00008	-.00064	-.00170	-.00063	.00312	.00014	-.07147	.00111	1P1077WB	
78	1P1077WL	.50614	5.2111	.49560	.00061*	49.717	.49014	.50566	.50971	51.616	.53050	1P1077WL	
79	1P1077WC	.53561	5.2816	.49422	-.00077*	49.068	.49311	.50348	.50620	49.523	.53443	1P1077WC	
80	1120-01A	.51995	5.5329	.50374	.01611	32.746	.52036	.57939	.64267	55.975	.59460	1120-01A	
81	1120-01	.00261	.25490	.00495	.01675	33.187	.31698	.05252	.17353	3.2054	.00927	1120-01	
82	1120-01J	.00009	.05292	.00242	.00274	5.4738	.00378	.01107	.00454	.62403	.00154	1120-01J	
83	1C5A2	-.00035	.189.7	-.00258	.00393	192.68	.00176	-.00208	-.00135	.02521	.00402	1C5A2	
84	1C5A2	.51123	190.42	.91005	1.0342	193.09	.45442	1.0150	.46103	78.636	1.9843	1C5A2	
85	C087	2.5040	24.795	2.3995	.49914	68.005	2.4003	2.5216	2.4821	62.415	1.0804	C087	
86	C087	-.00105	.00149	.00024	-.00085	.00150	.00004	.00058	.00031	.00349	.00009	C087	
87	1P1C7C5C	.00032	.00489	.00009	-.00142	.01393	.00004	.00016	.00032	-.00005	-.00072	1P1C7C5C	
88	1P1C7C5A	.50051	5.1978	.50016	-.00131*	47.909	.49458	.52945	.51982	49.293	.51746	1P1C7C5A	
89	1P1C7C5B	.47635	4.9705	.46816	-.00101*	47.205	.47838	.53579	.49985	50.296	.45892	1P1C7C5B	
90	1296-01A	.55546	55.199	.56352	.01679	52.218	1.3552	.53123	.51111	64.328	.53380	1296-01A	
91	1296-01W	.04707	72.913	.06049	.01652	5.5078	.80536	.01356	.01539	4.2141	.00953	1296-01W	
92	1296-01J	.00857	10.826	.01201	.00359	.92024	.17949	.00065	.00779	.82768	-.00006	1296-01J	
93	1221-04A	.59751	157.02	.53012	.00307	84.873	1.9259	.53668	.54259	93.670	.55183	1221-04A	
94	1221-04W	.05169	159.19	.02225	.06409	37.578	1.4870	.00108	.04654	40.485	.02469	1221-04W	
95	1221-04J	.01476	31.703	.00426	.01.75	7.8916	.30419	.00071	.00899	8.0983	.00182	1221-04J	
96	C088	2.5759	25.231	2.4141	.50780	57.057	2.4073	2.5525	2.5041	61.752	1.0841	C088	
97	C088	-.00088	.00386	.00012	.00092	-.00766	-.00058	.00061	.00011	-.02992	.00107	C088	
98	1P107255	.00029	-.00005	-.00009	.00182	.00102	-.00039	.00012	.00017	-.02586	-.00063	1P107255	
99	1P107250	.49094	5.0156	.49249	-.00087*	48.218	.49159	.51684	.51370	52.573	.51507	1P107250	
100	1P107250	.50775	5.1936	.50744	.00106*	48.476	.50615	.53459	.52038	51.818	.53277	1P107250	
101	1077-01A	.71757	285.36	.57360	.23330	129.94	2.5871	.53470	.63067	98.610	.57239	1077-01A	
102	1077-01	.15504	290.47	.05463	.20043	77.595	3.1798	.01496	.14075	44.097	.00558	1077-01	
103	1077-01J	.03277	62.481	.01332	.05892	26.251	.67490	.00154	.02858	6.8707	.00064	1077-01J	
104	1077-01W	.59133	336.29	.56906	.32740	128.90	5.0078	.50.05	.64015	95.472	.50691	1077-01W	
105	1077-015	.67628	332.55	.60716	.33563	138.14	3.6277	.50288	.03672	98.492	.50579	1077-015	
106	1077-02	.14007	253.85	.05945	.28345	64.645	2.7812	.03716	.12072	38.237	.00837	1077-02	
107	1077-03	.16097	250.70	.07210	.27408	65.769	3.4155	.03636	.13197	32.741	.00943	1077-03	
108	C089	2.5600	25.096	2.4107	.50523	67.305	2.4337	2.5450	2.4999	62.440	1.0960	C089	
109	C089	-.00033	.00489	-.00043	-.00105	.00169	-.00039	.00003*	-.00015	.01411	.00074	C089	
110	1077-04	.15733	288.25	.05357	.20465	73.246	3.0099	.03777	.13194	32.516	.00850	1077-04	
111	1077-05	.11546	231.85	.03993	.12438	37.061	2.4379	.00607	.14577	22.876	.00489	1077-05	

112	1077-06	.16836	268.87	.06590	.22211	70.649	2.5797	.00410	.14275	15.846	.00317	1077-06
113	1077-07	.23734	130.91	.03694	.03605	29.625	1.8612	.00141	.05275	20.800	.00165	1077-07
114	1077-08	.05129	119.31	.02682	.05981	23.395	1.5806	.00173	.03063	17.482	.00324	1077-08
115	1077-09	.05790	125.83	.03303	.06143	20.969	1.6402	.00193	.04188	20.709	.00372	1077-09
116	1077-10	.03499	109.73	.02091	.04295	15.874	1.0073	.00103	.03537	15.135	.00339	1077-10
117	1077-11	.11811	237.01	.04374	.19203	51.216	2.8936	.00517	.10046	31.616	.01591	1077-11
118	1077-12	.09262	160.74	.02161	.03355	39.727	5.4403	.00133	.07958	19.778	.00271	1077-12
119	1077-13	.19616	250.71	.06335	.21582	63.072	2.9634	.00646	.14769	35.371	.00760	1077-13
120	CCV10	2.5990	25.438	2.4173	.51369	57.198	2.4410	2.5596	2.5074	61.356	1.0943	CCV10
121	CCB10	-.00003	.00005	-.00018	-.00031	-.00359	-.00024	.00107*	-.00024	-.02257	.00093	CCB10
122	1077-14	.55072	124.67	.54179	.15193	47.991	2.4121	.01161	.27105	27.985	.00525	1077-14
123	1077-15	.06019	149.25	.02949	.06292	27.565	1.5024	.00173	.06437	24.626	.00350	1077-15
124	1077-16	.05587	158.93	.03145	.06301	29.131	1.6585	.00312	.07116	24.277	.00432	1077-16
125	1077-17	.05147	141.05	.03054	.07787	26.377	1.6265	.00191	.05663	27.967	.00330	1077-17
126	1077-18	.05175	130.13	.02739	.05511	21.759	1.3722	.00188	.05431	16.876	.00402	1077-18
127	1077-19	.13335	195.09	.72346	.05437	70.955	1.4971	.00404	.07516	13.108	.00353	1077-19
128	1077-20	.13565	145.71	.41060	.04595	16.702	1.7557	.00304	.05772	11.902	.00403	1077-20
129	CCV11	2.5793	25.336	2.4184	.51089	57.298	2.4629	2.5587	2.4990	62.369	1.0005*	CCV11
130	CCB11	.00006	.00115	.00016	-.00077	-.00694	.00016	.00101*	-.00020	-.01105	.00112	CCB11
131	TX100658	.00096	.00311	-.00015	-.00119	.03216	.00017	.00068	.00086	.05242	.00346	TX100658
132	1461-014	3.2443	5.2859	.53592	.00320	49.969	.61181	.51372	.49110	59.376	.59576	1461-014
133	1461-01	2.6777	.01142	.03220	-.00002	2.9535	.11791	.00360	.00909	.00772	.00265	1461-01
134	1461-013	.47481	.00311	.03580	-.00016	.55523	.02169	.00014	.00130	.09672	.00107	1461-013
135	1461-01*	3.3697	5.3217	.53340	.00855	50.587	.61200	.51379	.51090	53.966	.58581	1461-01*
136	1461-015	3.4366	5.3215	.53687	.00311	51.112	.60227	.51159	.50535	60.615	.57428	1461-015
137	1462-03	.14369	.20674	.01951	.00153	3.6273	.34331	.00230	.03405	3.8116	.03945	1462-03
138	1462-04	.19728	1.2117	.01298	.43777	7.8825	.06600	.00145	.01904	5.6132	.00263	1462-04
139	1464-01	1.3414	4.4030	.02253	.01856	7.3293	1.3317	-.00256	.29238	2.6314	.03329	1464-01
140	CCV12	2.5877	25.474	2.4159	.51283	57.019	2.4327	2.5553	2.5032	61.159	1.0591	CCV12
141	CCB12	.00034	-.00023	.00013	-.00111	.00105	-.00014	.00094*	-.00013	-.00968	.00082	CCB12
142	TP106650	.00106	-.00049	-.00020	-.00395	.00351	.00034	.00018	.00018	-.06234	-.00321	TP106655
143	TP106655	.53679	5.2005	.49178	.00073*	48.852	.49324	.50343	.50153	52.239	.54437	TP106655
144	TP106650	.51096	5.2763	.49966	-.00100*	48.777	.50517	.50973	.50462	52.166	.55536	TP106650
145	1235-01A	.74115	10.451	1.1271	-.00043	55.455	.74056	.51710	.51791	51.109	.57438	1235-01A
146	1235-01T	.13428	5.1797	.62838	-.00062	11.134	.22521	.00251	.01003	.14211	.00375	1235-01T
147	1235-01J	.03869	1.3486	.12528	-.00183	2.2422	.34555	-.00044	.00195	.00359	-.00045	1235-01J
148	1235-01M	.17995	3.7817	.42369	-.00116	11.819	.22846	.04894	.05703	5.3147	.05276	1235-01M
149	1235-015	.22444	5.2520	.60357	-.00054	17.500	.25567	.06094	.06785	5.4225	.06378	1235-015
150	1235-02T	.02447	3.4974	.15194	-.00135	4.9137	.13127	-.00133	.00476	.03471	.00071	1235-02T
151	1235-03T	.02966	5.3407	.34985	-.00021	9.6357	.32569	-.00357	.00644	.16414	.00138	1235-03T
152	CCV13	2.5633	25.094	2.4144	.51767	56.263	2.4405	2.5569	2.4982	62.991	1.0996	CCV13
153	CCB13	.00005	.00176	-.00050	-.00137	-.00017	-.00039	.00092	-.00019	-.02236	.00011	CCB13
154	1235-04T	.02145	2.4596	.53143	-.00104	6.2113	.07322	.00019	.00318	.11059	.00369	1235-04T
155	1235-05T	.03570	5.1498	.58040	-.00011	5.1456	.09185	-.00042	.00444	.11417	-.00044	1235-05T
156	1235-06T	.02071	2.2603	.55115	-.00099	1.6381	.04759	-.00043	.00314	.07302	.00255	1235-06T
157	1235-07T	.02610	2.9182	.52573	.00120	1.3643	.05932	-.00055	.00592	.11732	-.00013	1235-07T
158	1235-08T	.02880	2.1845	.52352	-.00002	2.1764	.04174	-.00137	.00406	.18399	.00013	1235-08T
159	1235-09T	.03131	3.3054	.77431	-.00120	2.3047	.07164	-.00385	.00435	.12167	-.00014	1235-09T
160	1235-10T	.01934	2.8216	.41087	-.00104	7.0369	.13911	-.00157	.00474	.37126	-.00054	1235-10T
161	1235-11T	.01504	1.7249	.34242	-.00045	2.8342	.06472	-.00022	.00247	.09317	.00077	1235-11T
162	1235-12T	.07126	1.5643	.49346	-.00107	.39218	.05420	-.00028	.00339	.14168	.00005	1235-12T
163	1235-13T	.06100	4.4495	.61281	-.00346	15.483	.22434	-.00296	.00693	.06755	.00070	1235-13T
164	CCV14	2.5772	25.067	2.4193	.51324	56.991	2.4347	2.5609	2.5033	62.468	1.0991	CCV14
165	CCB14	.00014	.00065	.00010	-.00109	.00129	-.00015	.00038	-.00012	-.02056	.00007	CCB14
166	1235-15T	.03821	7.5352	.22.01	-.00073	7.1774	.12352	-.00250	.00377	.05342	.00017	1235-15T
167	1235-16T	.03421	2.6747	.22206	-.00114	5.9501	.21981	-.00142	.00347	.03063	.00023	1235-16T
168	1235-17T	.02304	3.6219	.31209	-.00367	10.819	.14150	-.00120	.00519	.11241	.00009	1235-17T

169	I235-18T	.03294	14.644	.84986	.00109	5.5619	.55769	-.00242	.01243	.31567	.00129	I235-18T	
170	I235-19T	.09857	5.2968	.37231	-.00060	5.0853	.13897	.00118	.00858	.11537	.00085	I235-19T	
171	I235-20T	.02278	2.0367	.25155	-.00065	5.5877	.09713	-.00120	.00237	.05771	.00032	I235-20T	
172	I235-21T	.03667	4.1622	.57218	-.00084	6.0264	.13792	-.00136	.00477	.09421	.00012	I235-21T	
173	CC415	2.5754	25.067	2.4210	.21215	56.470	2.4228	2.5739	2.5119	62.314	1.0963	CC415	
174	CC815	.00008	.00058	.00023	-.00125	.00109	-.00003	.00089	-.00210	.07448	.00099	CC815	
175	IP107558	.00010	.00237	.00003	-.00099	.00560	-.00601	.00009	.00009	.01552	.00031	IP107558	
176	IP107551	.49718	5.0942	.49124	.00088*	48.425	.49320	.52637	.51229	52.601	.51683	IP107551	
177	IP107550	.50012	5.1748	.49365	-.00147*	47.679	.49113	.52699	.51505	50.965	.51652	IP107550	
178	I187-01A	.68953	145.95	1.3012	.02735	53.125	3.7985	.53755	.58773	54.683	.55307	I187-01A	
179	I187-01	.14379	145.67	1.3288	.07707	7.7674	3.3963	.00211	.08438	4.4578	.00617	I187-01	
180	I187-01J	.09517	30.518	.27337	.00448	1.6277	.79217	.00026	.01648	.87665	.00172	I187-01J	
181	I187-01M	.62992	155.27	1.7103	.05257	54.065	3.7286	.49443	.57424	54.595	.48551	I187-01M	
182	I187-01S	.64995	159.64	1.7559	.05453	55.396	3.8332	.55765	.59015	56.686	.49947	I187-01S	
183	I187-02	.05790	184.84	.37336	.02914	9.2526	4.9806	.00528	.07046	3.9754	.00709	I187-02	
184	I187-03	.06854	112.07	.54279	.01367	3.9542	3.3531	.00404	.07148	7.0929	.00568	I187-03	
185	CC416	2.5524	25.031	2.4220	.51617	56.235	2.4780	2.5779	2.5392	62.674	1.0460	CC416	
186	CC816	-.00035	.00235	.00811	-.00067	-.00452	-.00285	.00037*	-.00018	-.02460	.00030	CC816	
187	I187-04	.06502	136.23	.58264	.01748	4.2562	3.3761	.00521	.08674	6.6766	.00622	I187-04	
188	I187-05	.06582	177.15	.18539	.02752	4.4399	4.3357	.00688	.08655	7.2086	.00663	I187-05	
189	I187-06	.10319	125.62	.54613	.02909	5.0097	3.2256	.00599	.10664	7.4797	.00756	I187-06	
190	I187-07	.07941	143.58	.21392	.03121	4.4750	17.774	.00702	.08232	6.3520	.00719	I187-07	
191	I187-08	.12005	55.691	1.7445	.01460	2.0348	2.7565	.00365	.06296	3.5819	.00618	I187-08	
192	I187-09	.05539	133.09	.36628	.02472	3.5376	2.5127	.00753	.07721	4.1780	.00508	I187-09	
193	I187-10	.05695	135.75	.35604	.01552	3.9456	3.4542	.00185	.07674	3.7672	.00750	I187-10	
194	IC543	.00835	137.45	-.00315	.00144	153.32	.00558	-.00254	-.00157	-.01661	.00515	IC543	
195	IC5483	.51197	191.28	.89896	1.0430	183.16	.45214	1.0049	.94417	80.119	1.0998	IC5483	
196	CC417	2.5794	25.156	2.4195	.51762	56.630	2.4389	2.5609	2.5027	63.581	1.1011*	CC417	
197	CC817	.00016	.00053	-.00022	-.00101	.00223	-.00305	.00186*	-.00014	.01986	.00029	CC817	
198	IP107158	.00000	.00109	-.00224	-.00184	-.00370	-.00012	.00014	.00004	-.01538	-.00109	IP107158	
199	IP107151	.50972	5.1940	.50125	-.00141*	47.243	.50104	.53476	.52224	51.561	.53903	IP107151	
200	IP107150	.49679	5.0759	.48795	-.00155*	47.168	.48137	.52049	.50693	51.543	.51417	IP107150	
201	I235-01A	2.2956	54.524	6.7038	.30557	192.84	3.5413	.54383	.60310	96.483	.59692	I235-01A	
202	I235-01	2.2936	51.497	6.4479	.30567	150.84	3.3679	.55575	.11075	7.0593	.03075	I235-01	
203	I235-01J	.46631	10.708	1.3462	.00012	30.357	.86407	-.00383	.02229	.09175	.00154	I235-01J	
204	I235-01M	2.3493	59.132	7.3680	.00759	208.30	3.8296	.52916	.59556	99.624	.54597	I235-01M	
205	I235-01S	2.3324	56.705	6.6108	.00718	196.98	3.6103	.51324	.59038	95.729	.54736	I235-01S	
206	I235-02	.51372	46.263	3.1999	.03445	176.37	2.2061	.05590	.06965	1.1405	.00647	I235-02	
207	I235-03	.79845	88.924	7.9254	.03[illegible]	6[illegible].[illegible]	4.8109	-.00416	[illegible]	7.6031	.01083	I235-03	
208	CC418	2.6068	25.389	2.4254	.57377	55.771	2.4377	2.5904	2.5046	63.181	1.1165*	CC418	
209	CC818	.00326	.00279	.00023	-.00136	.00310	-.00306	.00138*	-.00012	-.02509	.00034	CC818	
210	I235-04	.46862	74.978	13.945	.01051	150.49	2.1555	-.00431	.11205	2.5150	.00512	I235-04	
211	I235-05	.54174	76.651	13.895	.01264	103.05	2.3031	-.00428	.11243	2.9497	.00579	I235-05	
212	I235-06	.76229	67.614	16.250	.00761	59.614	1.4816	-.00495	.09720	2.4933	.00887	I235-06	
213	I235-07	1.2106	59.183	28.248	.01045	21.587	1.2600	-.00445	.12495	3.0952	.00568	I235-07	
214	I235-08	.95153	55.624	19.955	.00751	48.757	1.5334	-.00235	.10225	2.4509	.00736	I235-08	
215	I235-09	.61924	55.009	20.120	.00816	37.677	1.5559	-.00595	.10062	2.3303	.00732	I235-09	
216	I235-10	.25251	34.913	9.5656	.03143	110.21	2.5847	-.00751	.05146	1.8483	.00719	I235-10	
217	I235-11	.42857	25.393	9.9595	.01520	18.283	1.0956	-.00987	.05952	2.1790	.00507	I235-11	
218	I235-12	.41944	25.237	9.5312	.01380	18.309	1.0477	-.00253	.05792	2.0668	.00374	I235-12	
219	CC419	.00037*	.00192*	.00312*	-.00124*	.00377*	-.00004*	.00002*	-.00023*	-.01644*	-.00012*	CC419	
220	IC419	-9.6107*	6.7135*	-1.6196*	22.576*	195.41*	4.1156*	.33471*	.24649*	182.31*	-9.9563*	IC419	
221	I235-15	.54450	44.220	5.0012	.00343	170.52	2.4316	-.00819	.05353	1.0283	.00768	I235-15	
222	I235-16	.61177	45.224	5.4378	.00409	163.73	2.3712	-.00813	.05249	1.1142	.00131	I235-16	
223	I235-17	.55977	46.497	5.1349	.00483	146.61	2.2995	-.00795	.07224	1.2180	.00824	I235-17	
224	I235-18	.52923	122.05	10.959	.01816	108.43	3.7960	-.00491	.14681	3.1729	.00945	I235-18	
225	I235-19	.57015	80.315	7.4111	.01110	126.95	2.3024	.00457	.05174	2.0956	.01235	I235-19	

226	1235-20	.52430	43.257	6.3854	.00410	153.14	2.1906	-.00764	.05892	.06354	.00748	1235-20
227	1235-21	.60529	55.470	11.235	.00564	138.09	2.3374	.00562	.07635	1.0239	.00910	1235-21
228	00723	2.6059	25.381	2.4185	.52297	55.213	2.4077	2.5734	2.5056	62.651	1.0957	00723
229	00823	.09130	.00036	-.00072	-.00099	-.00062	-.00008	.00104*	-.00058	-.00184	-.00026	00823
230	1235-24W	.49017	73.771	11.357	.01178	149.62	2.1150	.00428	.10113	2.4084	.00466	1235-24W
231	1235-05W	.51837	74.029	11.345	.01355	98.594	1.8525	.00445	.10827	2.5718	.00867	1235-05W
232	1235-06W	.75636	53.131	36.201	.00732	69.151	1.4522	-.00523	.09715	2.3652	.00769	1235-06W
233	1235-07W	1.1329	57.721	27.615	.01068	21.243	1.1954	.00451	.12763	2.8905	.00799	1235-07W
234	1235-08W	.94729	54.883	19.969	.01019	48.770	1.2517	-.00228	.13278	2.4361	.00859	1235-08W
235	1235-09W	.87272	54.201	20.209	.01096	35.602	1.5058	-.00563	.13397	2.3345	.00959	1235-09W
236	1235-10W	.37725	35.594	9.6185	.02585	107.73	2.5940	-.00214	.06205	1.7575	.00783	1235-10W
237	1235-11W	.43871	26.556	9.0595	.01165	10.199	1.0497	-.00281	.06044	2.1652	.00467	1235-11W
238	1235-12W	.41204	25.103	8.5555	.01325	3.7560	.99377	-.00298	.05749	2.0267	.00244	1235-12W
239	00721	2.4362	23.907	2.3325	.50594	53.877*	2.2285*	2.4645	2.4094	63.627	1.0551	00721
240	00821	-.00036	-.00097	.00017	-.00132	.00068	-.00018	.00090*	.00011	-.04511	-.00337	00821
241	1235-15W	.53433	44.542	5.0541	.00329	167.16	2.9679	-.00758	.06339	1.6339	.00597	1235-15W
242	1235-16W	.60452	46.263	5.4543	.03447	161.72	2.2456	.00809	.05726	1.0960	.00630	1235-16W
243	1235-17W	.55861	46.995	6.1367	.00552	144.67	2.1591	-.00768	.07200	1.2293	.00752	1235-17W
244	1235-18W	.53213	124.33	11.087	.01868	106.28	3.1537	-.00512	.14926	3.3216	.01103	1235-18W
245	1235-19W	.56879	82.018	7.3753	.01034	124.18	2.1503	-.00544	.09105	2.0630	.00878	1235-19W
246	1235-20W	.52577	43.655	6.3355	.00309	149.90	2.0459	-.00787	.06100	1.3122	.00651	1235-20W
247	1235-21W	.59324	56.279	11.719	.03433	138.46	2.1645	-.00724	.07489	1.3542	.00807	1235-21W
248	00722	2.4440	23.896	2.3494	.51295	53.850*	2.1823*	2.4869	2.4323	65.114	1.0595	00722
249	00822	-.00375	.00051	-.00022	-.00156	.00061	-.00019	.00393*	-.00013	-.01330	.00003	00822
240	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Na	K	Se	LSID

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INDX	LSID	Ag	Na	Sr	[illegible]	Sc	Ti	[illegible]	Zr	LSID
1	Blank	.00010	.0004	-.00018	-.00033	.00013	.00031	-.00020	.00127	Blank
2	S20									S20
3	S21									S21
4	S22							.12799		S22
5	S23							1.2746		S23
6	S24		.77935							S24
7	S25		4.5229							S25
8	S26									S26
9	S27									S27
10	S28				11994					S28
11	S29				1.1539					S29
12	S30	.03644		11249		02542	.01651		.59726	S30
13	S31	.10937		53747		.12258	.08206		5.8357	S31
14	IC7	.49625	60.971	47626	2.3379	47687	.49096	1.4705	2.6752	IC7
15	ICB	.00004	-.00281	00361	.00140	-.00109	.00065	.00021	-.00076	ICB
16	MRL2401	.01032	1.0308	.01031	.01172	-.00039	.01075	01091	.01252*	MRL2401
17	MRL2402	.00929	.51719	01329	.01560	.00843	.01001	00992	.02376	MRL2402
18	ICSA1	.00092	.04447	.00054	-.00089	00061	00074	-.00024	.00079	ICSA1
19	ICSAB1	1.0594	78.580	47279	63434	.95075	.95819	47903	1.0129	ICSAB1
20	CCV1	51128	61.862	.48400	2.3973	.50164	.49836	1.5290	2.6896	CCV1
21	CCB1	.00090	-.00489	00007	.00116	.00058	00093	-.00079	-.00014	CCB1
22	IP1076W8	00325	-.00477	-.00009	.00051	-.00129	.00043	-.00028	-.00070	IP1076W8
23	IP1076WL	.48589	60.315	.44842	47268	.47139	48634	.49043	.53025	IP1076WL
24	IP1076WC	.47802	47.664	44091	.46459	.45945	47969	47962	.51471	IP1076WC
25	222222	.37368	171.25	47795	36989	.35009	36010	38614	41.38	222222
26	1320-01	00010	185.85	19549	00141	-.00025	.00424	.00797	01116	1320-01
27	1320-01J	00016	36.235	.04341	00063	-.00041	.00101	.00160	.00154	1320-01J
28	1320-02	.00008	194.52	.21313	00120	-.00097	00201	01334	.01551	1320-02
29	1320-03	-.00001	187.81	.06593	.00095	-.00075	00207	.00090	00904	1320-03
30	1320-04	00004	190.56	05996	00034	-.00069	.00179	00139	01201	1320-04
31	CCV2	50959	61.374	48511	2.3791	50203	.49991	1.5255	2.6728	CCV2
32	CCB2	-.00003	.01432	00007	.00077	-.00100	.00020	-.00004	-.00025	CCB2
33	IP10705Q	.00035	-.00374	.00006	00142	-.00095	.00011	.00002	.00217	IP10705Q
34	IP10705X	48894	60.243	.45445	.49955	.51990	.49830	51032	.55319	IP10705X
35	IP10757	47999	49.962	44841	47154	.51096	49034	.50771	54123	IP10757
36	1295-01A	48135	51.507	.69045	49921	52857	1.2958	5264	1.1973	1295-01A
37	1295-01W	00057	.54906	23311	-.00413	.00177	.14579	.39607	67586	1295-01W
38	1295-01C	-.00014	.00151	04637	-.00045	00521	27153	01894	12693	1295-01C
39	1320-01A	.51943	245.50	.57749	.49329	49854	51784	.54209	58.34	1320-01A
40	1320-01N	.50365	238.97	56439	46891	.47558	49235	.49903	53511	1320-01N
41	1320-01S	.51459	249.57	56400	.46414	.48522	.49834	50759	54559	1320-01S
42	CC43	51158	61.591	48451	2.3741	50383	.50136	1.5317	2.6730	CC43
43	CCB3	.00019	.01425	.00002	.00018	-.00104	.00084	.00073	-.00125	CCB3
44	IP1073WB	.00010	-.00305	.00008	.00162	-.00175	-.00019	-.00003	-.00046	IP1073WB
45	IP1073WL	.51630	51.785	.47211	.49477	50058	.51327	51285	.51700	IP1073WL
46	IP1073WC	51371	55.331	.47186	.49785	.50343	.51753	51676	.55160	IP1073WC
47	1075-02A	42724	310.63	1.5859	.50139	39102	50555	50127	.56138	1075-02A
48	1075-02	00014	61.911	1.0601	00172	.01563	00371	-.00016	.00284	1075-02
49	1075-02D	00021	11.646	21670	.00049	.00335	00155	-.00047	-.00082	1075-02D
50	1075-02M	50314	115.05	1.5831	.49906	.51561	52845	52413	55993	1075-02M
51	1075-02S	.53368	113.50	1.5613	.49534	.50553	.51691	.51410	.54250	1075-02S
52	1075-01	-.00004	75.510	1.4615	.00092	.00044	.00322	-.00013	-.00060	1075-01
53	1077-24	.00025	.00289	00048	00036	-.00107	.00006	-.00091	-.00025	1077-24
54	CC44	.51179	62.175	.48300	2.3855	.50647	.49806	1.5254	2.6754	CC44

55	0084	.00020	.00238	.00006	.00152	.00066	.00072	-.00008	-.00052	0084	
56	1097-02	.00219	435.60	.04468	.00135	-.00077	.00444	.00092	.01503	1097-02	
57	1097-03	.00008	796.15*	.26642	.00051	-.00090	.00161	.00058	.00448	1097-03	
58	1097-05	.00015	1312.6*	.36527	.00048	-.00070	.00282	.00496	.01448	1097-05	
59	1097-06	-.00001	672.96	.33892	.00067	-.00103	.00703	.00511	.00786	1097-06	
60	1097-10	.00001	563.59	.35533	.00126	.00103	.00587	.00296	.02462	1097-10	
61	1097-13	.00015	1520.8*	.07849	.00075	-.00098	.00069	.00058	.00170	1097-13	
62	1097-15	.00005	187.53	.73142	.00098	.00056	.00267	.00164	.00153	1097-15	
63	1097-17	.00046	1462.3*	.00765	.00071	.00704	.00161	.00085	.02413	1097-17	
64	1091-01	-.00001	64.633	.99294	.00106	-.00064	.00305	.00011	-.00041	1091-01	
65	1091-02	-.00014	287.43	3.1510	.00172	.00391	.00958	.00197	.14471	1091-02	
66	0095	.51344	67.824	.49934	2.3972	.50266	.49852	1.5260	2.6917	0095	
67	0085	.00002	.13809*	.00002	.00090	-.00095	.00054	-.00019	-.00010	0085	
68	1112-10	.00005	156.28	.18776	.00156	-.00128	.00092	.00425	.03250	1112-10	
69	1112-11	.00005	178.29	.29091	.00152	-.00101	.00104	.00414	.01155	1112-11	
70	1088-08	.00001	302.54	.46796	.00128	-.00116	.00149	.00295	.00537	1088-08	
71	1088-09	.00005	233.01	.46370	.00114	-.00098	.00122	.00012	.00546	1088-09	
72	1096-02	.00009	1.3698	.00122	.00143	-.00014	.00010	-.00004	.00755	1096-02	
73	1129-02	.00028	1149.5*	.33420	.00131	.00339	.00233	.00097	.00527	1129-02	
74	1129-04	.00013	1326.1*	.36751	.00049	-.00375	.00309	.01429	.00468	1129-04	
75	0096	.51402	62.569	.49811	2.3992	.49792	.50113	1.5437	2.7074	0096	
76	0086	.00005	.15215*	-.00091	.00115	-.00088	.00061	-.00015	.00220	0086	
77	IP107748	.00001	.10147	-.00029	.00186	.00143	.00018	-.00026	-.00035	IP107748	
78	IP107741	.51505	54.225	.47581	.50160	.49423	.50340	.51407	.56116	IP107741	
79	IP107740	.51603	52.774	.47865	.50031	.49622	.51324	.51517	.55756	IP107740	
80	1120-01A	.46648	180.02	.92756	.49515	.26564	.43957	.54967	.58442	1120-01A	
81	1120-01	.00107	111.52	.47542	.00124	.01162	.00355	.01059	.01059	1120-01	
82	1120-01J	.00069	27.409	.09575	.00007	.00845	.00163	.00707	.00231	1120-01J	
83	1054?	.00021	.16065	.00034	-.00074	.00168	.00145	-.00049	.00279	1054?	
84	1054?2	1.0907	81.460	.48407	.86471	.95491	.97553	.49253	1.0508	1054?2	
85	0087	.51392	52.902	.49056	2.3952	.49286	.50362	1.5459	2.7067	0087	
86	0087	.00003	.06445	-.00002	.00095	-.00053	.00050	-.00017	-.00072	0087	
87	IP107850	.00018	.10870	.00030	.00155	-.00069	.00051	-.00005	.00482	IP107850	
88	IP107851	.50933	51.375	.49951	.49941	.51417	.49770	.57603	.57262	IP107851	
89	IP107851	.49029	51.129	.49496	.48118	.50420	.49022	.52673	.54015	IP107851	
90	1296-01A	.49722	52.399	.70663	.00727	.52391	1.9362	.62835	1.1393	1296-01A	
91	1296-01B	-.00255	.58718	.23002	-.00475	.00384	1.4449	.09532	.62756	1296-01B	
92	1296-01C	-.00005	.10495	.04737	-.00037	.00537	.25123	.01906	.12042	1296-01C	
93	1221-04A	.51850	52.279	.78540	.50583	.52917	10.851	1.0130	.88653	1221-04A	
94	1221-04B	.00126	2.2674	.11474	.00074	.03665	10.556	.52190	.07768	1221-04B	
95	1221-04C	.00009	.47956	.02325	.00045	.00632	2.1277	.13279	.04123	1221-04C	
96	0098	.52169	61.293	.49893	2.4425	.49547	.49142	1.5234	2.7056	0098	
97	0088	.00002	.01923	-.00055	.00045	-.00189	.00121	-.00016	-.00064	0088	
98	IP107256	.00009	-.00948	.00007	.01156	-.00010	.00057	-.00020	-.00074	IP107256	
99	IP107251	.50708	57.039	.48411	.49578	.50642	.50143	.52176	.56416	IP107251	
100	IP107250	.52060	52.455	.48327	.51079	.52245	.51847	.53469	.57854	IP107250	
101	1077-01A	.54735	57.396	.82594	.50552	.51716	11.423	1.2164	1.0132	1077-01A	
102	1077-01	.00129	4.3193	.35296	-.00107	.02737	11.126	.67505	.74775	1077-01	
103	1077-01J	.00029	.67561	.09237	.00038	.00481	2.2968	.13372	.15120	1077-01J	
104	1077-01H	.52164	55.665	.81947	.45630	.50538	12.632	1.3279	1.3311	1077-01H	
105	1077-01S	.52285	56.699	.83036	.45024	.49379	13.143	1.3941	1.3390	1077-01S	
106	1077-02	.00124	3.9196	.32137	.00332	.03357	6.1804	.99651	.79549	1077-02	
107	1077-03	.00163	3.9490	.25101	.00034	.02741	7.4166	.83634	.63241	1077-03	
108	0099	.52211	64.232	.49635	2.4309	.49417	.50368	1.5359	2.7124	0099	
109	0089	-.00008	.00280	.00030	.00133	.00109	.00243*	-.00007	.00049	0089	
110	1077-04	.00159	10.211	.34695	.00820	.02609	7.4912	.58745	.81722	1077-04	
111	1077-05	.00599	6.5083	.19432	.00178	.03017	6.0235	.62591	.46505	1077-05	

112	[077-06	.00249	14.670	.22516	.00063	.02431	8.1512	.55847	.06428	[077-06
113	[077-07	.00044	2.1803	.05399	-.00015	.02347	4.1607	.33402	.49551	[077-07
114	[077-08	.00047	2.1009	.07100	.00058	.02559	4.3220	.32688	.24479	[077-08
115	[077-09	.00053	1.4441	.08453	.00020	.02681	4.2367	.34599	.31403	[077-09
116	[077-10	.00054	1.7299	.04545	.00030	.02407	3.5728	.37068	.18747	[077-10
117	[077-11	.00115	24.873	.22315	.00138	.02890	6.4748	.49434	.58063	[077-11
118	[077-12	.00061	18.661	.05523	.00153	.02855	4.6905	.39714	.38076	[077-12
119	[077-13	.00614	16.593	.30372	.00063	.03580	7.0126	.55287	.74576	[077-13
120	CC916	.52335	65.116	.50163	2.4545	.49630	.49577	1.5970	2.7026	CC916
121	CC810	-.00002	-.00166	-.00002	.00139	-.00123	.00193	-.00015	.00005	CC810
122	[077-14	.00629	18.910	.07926	-.00063	.18426	4.8254	.42367	1.3725	[077-14
123	[077-15	.00055	2.8027	.07123	.00160	.02235	4.1130	.39658	.29904	[077-15
124	[077-16	.00073	2.8795	.07144	.00071	.02206	4.4223	.46847	.31977	[077-16
125	[077-17	.00073	1.6423	.09316	.00052	.02572	4.2967	.35442	.29319	[077-17
126	[077-18	.00062	2.4155	.07307	-.00018	.02494	3.7664	.34917	.21625	[077-18
127	[077-19	.00945	2.3992	.26551	-.00101	.04868	4.6295	.69874	1.0591	[077-19
128	[077-20	.00262	2.3418	.04555	-.00091	.05435	3.8467	.45597	.93210	[077-20
129	CC911	.52532	65.010	.50172	2.4570	.49978	.49629	1.5359	2.7161	CC911
130	CC811	.00010	.00595	.00000	.00135	-.00101	.00165	-.00020	-.00102	CC811
131	7X1006SB	.00005	339.66	.00188	-.00043	-.00062	.00860	-.00012	.00982	[P1006SB
132	[461-01A	.52869	337.08	1.6596	.49665	.48465	.49728	.52463	6.2359	[461-01A
133	[461-01	.00016	253.15	1.1099	.00348	-.00071	.00400	.00076	5.8629	[461-01
134	[461-01L	.00002	52.500	.21636	.00065	.00109	.00127	.00008	1.0517	[461-01L
135	[461-01M	.64710	354.19	1.7555	.47682	.48617	.52944	.52127	6.7534	[461-01M
136	[461-01S	.63625	357.25	1.7708	.47412	.48312	.50360	.50898	6.8402	[461-01S
137	[462-03	.00015	516.36	.00270	-.00004	.00095	.00129	.00006	2.2991	[462-03
138	[462-04	.00001	330.06	.03451	-.00070	-.00074	.00061	-.00010	1.2986	[462-04
139	[484-01	.00045	373.41	.08544	.00038	-.00015	.00120	.00003	21.153	[484-01
140	CC912	.52288	64.917	.50278	2.4517	.49363	.49184	1.5302	2.7173	CC912
141	CC812	-.00007	.02347	-.00008	.00176	.00088	.00067	.00071	-.00092	CC812
142	IP10665B	.00017	.05079	-.00034	.00175	-.00137	.00097	-.00041	-.00079	[P10665B
143	IP10665L	.51684	55.113	.47935	.50435	.48188	.49756	.50941	.55955	[P10665L
144	IP10665S	.63333	54.117	.43939	.51137	.49359	.51038	.52097	.56433	[P10665S
145	[235-01A	.52469	53.704	.53439	.53557	.49615	.51263	.55014	74.166	[235-01A
146	[235-01T	-.00014	.05326	.02037	.00104	.00274	.00621	.00378	23.340	[235-01T
147	[235-01L	.00003	.02110	.00433	.00034	-.00056	.00116	.00057	4.8042	[235-01L
148	[235-01M	.05121	5.6444	.05621	.05201	.05119	.05376	.05407	16.440	[235-01M
149	[235-01S	.05095	5.7167	.00032	.05182	.05156	.05459	.05432	15.399	[235-01S
150	[235-02T	.00002	.04083	.01670	.00077	.02224	.01331	.00324	11.054	[235-02T
151	[235-03T	.00010	.03842	.02272	.00030	.02736	.01716	.00570	6.4910	[235-03T
152	CC913	.52541	65.040	.50219	2.4513	.49160	.49625	1.5379	2.7123	CC913
153	CC813	.00004	.01069	.00007	.00147	-.00116	.00044	.00017	.00477	CC813
154	[235-04T	.00010	.05647	.00115	.00637	.00198	.00384	.00160	3.6430	[235-04T
155	[235-05T	-.00004	.06469	.01657	.00015	.00213	.00943	.00729	5.5232	[235-05T
156	[235-06T	-.00127	.05084	.01239	.00084	.00155	.00235	.00366	4.4908	[235-06T
157	[235-07T	.00002	.05920	.02177	.00085	.00848	.00297	.00112	6.1046	[235-07T
158	[235-08T	-.00011	.04155	.01040	.00069	.00143	.00268	.00162	4.4856	[235-08T
159	[235-09T	-.00005	.05354	.02341	-.00019	.00141	.00406	.00148	7.9706	[235-09T
160	[235-10T	-.00011	.05624	.03869	-.00037	.00174	.00457	.00187	12.564	[235-10T
161	[235-11T	-.00014	.04555	.02273	.00044	.00155	.00355	.00103	1.7671	[235-11T
162	[235-12T	-.00016	.04233	.02035	.00041	.00142	.00416	.00079	2.8654	[235-12T
163	[235-14T	-.00016	.01745	.02586	.00034	.00189	.00554	.00299	26.351	[235-14T
164	CC914	.52367	65.151	.50274	2.4553	.49372	.49275	1.5325	2.7219	CC914
165	CC814	.00009	.00425	-.00003	.00135	-.00099	.00069	-.00012	-.00116	CC814
166	[235-15T	-.00004	.03637	.01739	.00394	.00223	.00345	.00169	18.917	[235-15T
167	[235-16T	-.00016	.03053	.01939	.00032	.00254	.00438	.00266	12.622	[235-16T
168	[235-17T	-.00018	.04436	.02155	.00020	.00215	.00637	.00303	10.975	[235-17T

169	[235-18T	.00038	.05455	.01944	.00065	.00348	.02251	.01539	22.928	[235-19T	
170	[235-19T	-.00018	.03649	.03234	.00069	.00222	.01148	.00575	11.177	[235-19T	
171	[235-20T	-.00017	.02970	.01581	.00050	.00177	.00266	.00149	10.483	[235-20T	
172	[235-21T	.00003	.03069	.01207	.00061	.00186	.00922	.00392	12.050	[235-21T	
173	CCV15	.52407	55.049	.50351	2.4642	.49484	.49265	1.5398	2.7047	CCV15	
174	CCB15	-.00002	.00156	-.00011	.00127	-.00080	.00064	-.00009	-.00122	CCB15	
175	[P107553	.00031	-.00652	.00006	.00188	-.00066	.00024	-.00022	-.00016	[P107553	
176	[P107554	.50247	55.085	.47852	.49762	.51376	.49783	.51390	.56314	[P107554	
177	[P107550	.50311	53.968	.48051	.50129	.51796	.50106	.51229	.50039	[P107550	
178	[187-01A	.50849	53.613	.59114	.52045	.53065	.97734	.71390	24.494	[187-01A	
179	[187-01	.00058	.64508	.10564	.00047	.00452	.48886	.16382	24.197	[187-01	
180	[187-01C	.00010	.13228	.02143	.00046	.00307	.10302	.03710	5.2602	[187-01C	
181	[187-01M	.48212	51.874	.58495	.46314	.51636	1.0016	.67953	24.019	[187-01M	
182	[187-01S	.49645	52.402	.50182	.47207	.52062	1.1944	.69729	24.690	[187-01S	
183	[187-02	.00073	.50216	.39401	.00709	.03347	.55724	.22570	6.0170	[187-02	
184	[187-03	.00041	.23552	.10669	.00029	.02446	.57937	.19473	1.1656	[187-03	
185	CCV16	.52619	55.483	.51548	2.4137	.49442	.49178	1.5232	2.7036	CCV16	
186	CCB16	-.00033	-.00552	-.00202	.00139	-.00094	.00051	-.00012	-.00124	CCB16	
187	[187-04	.00049	.30340	.12349	.00335	.09679	.54015	.22523	.39715	[187-04	
188	[187-05	.00057	.19256	.07662	.00103	.03017	1.3742	.31823	.30664	[187-05	
189	[187-06	.00065	.39669	.16657	.00218	.03564	.50181	.25060	4.9605	[187-06	
190	[187-07	.00073	.41566	.10372	.00569	.03246	1.0051	.25068	.59104	[187-07	
191	[187-08	.00034	.27001	.06350	-.00042	.00301	.39885	.16875	4.7387	[187-08	
192	[187-09	.00036	1.0920	.05644	-.00023	.00276	.42944	.27186	1.3943	[187-09	
193	[187-10	.00051	.32277	.06347	-.00154	.02075	.78246	.29352	8.4803	[187-10	
194	[CSA0	.00095	.05030	.00059	-.00008	.00036	.00271	-.00076	.00300	[CSA0	
195	[CSA83	1.0872	83.453	.48903	.98173	.92853	.90413	.47951	1.0321	[CSA83	
196	CCV17	.52440	66.621	.50449	2.4657	.49345	.49763	1.5359	2.7165	CCV17	
197	CCB17	.00024	.00057	-.00024	.00151	.00095	.00081	-.00019	-.00112	CCB17	
198	[P107155	.00012	-.00971	.00004	.00164	-.00056	.00007	-.00012	-.00001	[P107155	
199	[P107150	.51411	52.894	.48676	.50994	.52765	.50310	.52497	.57244	[P107150	
200	[P107150	.50189	53.761	.47375	.49676	.51247	.49182	.50792	.55438	[P107150	
201	[235-01A	.96180	57.419	.81419	.51591	.52059	.55895	.59414	136.31*	[235-01A	
202	[235-01	.00029	.51640	.49827	.00056	.03400	.05235	.05654	59.39*	[235-01	
203	[235-01C	-.00003	.10255	.05614	-.00014	.00994	.01502	.01023	40.089*	[235-01C	
204	[235-01M	.53889	57.434	.82918	.46460	.51120	.52257	.54744	135.08*	[235-01M	
205	[235-01S	.53947	57.049	.81449	.46761	.51295	.51355	.54646	129.25*	[235-01S	
206	[235-02	.00011	.48370	.26737	.00153	.02362	.10397	.04615	93.207*	[235-02	
207	[235-03	.00091	.33496	.17153	.00262	.03805	.25235	.10541	124.48*	[235-03	
208	[CCV18	.52760	60.207*	.51443	2.4855	.49309	.48679	1.5292	2.7133	CCV18	
209	CCB18	-.00024	.00564	-.00005	.00099	-.00089	.00077	-.00023	.00032	CCB18	
210	[235-04	.00152	.59688	.28405	.00318	.03716	.03399	.04329	102.54*	[235-04	
211	[235-05	.00030	.99054	.42962	.00003	.02064	.05417	.04859	101.79*	[235-05	
212	[235-06	.00025	.85753	.40012	.00137	.03258	.02791	.02436	111.64*	[235-06	
213	[235-07	.00017	.94611	.49474	.00085	.03558	.02254	.02855	131.27*	[235-07	
214	[235-08	.00017	.81725	.36412	.00084	.02886	.03108	.04510	131.03*	[235-08	
215	[235-09	-.00023	.54653	.40112	.00220	.03506	.03065	.03072	112.98*	[235-09	
216	[235-10	-.00119	.77755	.57472	.00067	.10117	-.00827	.03713	101.46*	[235-10	
217	[235-11	-.00054	.56254	.46276	.00295	.10221	.01039	.01722	55.762*	[235-11	
218	[235-12	-.00073	.48646	.45356	-.00249	.00120	.01178	.01667	54.451*	[235-12	
219	CCV19	-.00038*	.00304*	-.00002*	.00356*	-.00105*	.00036*	-.00038*	.00396*	CCV19	
220	CCB19	-1.9451*	-205.13*	2.2654*	2.0810*	-.06652*	1.0874*	5.7926*	-.77769*	CCB19	
221	[235-13	-.00002	.54335	.26754	-.00151	.00603	.03713	.14622	141.73*	[235-13	
222	[235-14	.00022	.50501	.30012	-.00111	.00664	.04846	.14790	136.33*	[235-14	
223	[235-15	-.00004	.46470	.29599	.00020	.00619	.06223	.04972	134.60*	[235-15	
224	[235-16	.00073	.51237	.23012	.00013	.11165	.14764	.10516	142.36*	[235-16	
225	[235-17	.00026	.49120	.25675	-.00135	.03767	.11503	.08717	124.87*	[235-17	

226	1235-20	.00013	.49201	.27629	-.00030	.00247	.54446	.04365	136.73*	1235-20
227	1235-21	.00026	.50005	.28332	.00118	.00624	.06698	.05210	137.42*	1235-21
228	00920	.52624	66.279*	.50637	2.4696	.49357	.40896	1.5306	2.7112	00920
229	00820	.00004	-.00591	-.00004	.00130	-.00099	.00078	-.00014	.00098	00820
230	1235-04W	.00054	.83051	.28367	.00348	.00190	.05953	.05245	102.45*	1235-04W
231	1235-05W	.00032	.95163	.41384	.00364	.00917	.03830	.04595	98.395*	1235-05W
232	1235-06W	.00051	.83542	.39657	.00345	.00195	.01651	.03366	117.64*	1235-06W
233	1235-07W	.00027	.90154	.46975	-.00210	.00972	.01394	.02798	128.19*	1235-07W
234	1235-08W	.00022	.80355	.36327	-.00035	.00916	.02052	.04599	111.69*	1235-08W
235	1235-09W	.00037	.63845	.46344	-.00232	.00460	.01979	.07959	111.86*	1235-09W
236	1235-10W	-.00016	.78873	.59138	-.00386	.00113	-.01647*	.03546	107.28*	1235-10W
237	1235-11W	-.00070	.51443	.47275	-.00197	.00250	.00415	.01694	55.554*	1235-11W
238	1235-12W	-.00068	.48358	.45194	-.00273	.00132	.00223	.01566	53.812*	1235-12W
239	00921	.59684	69.389	.48491	2.3535	.47473	.47861	1.5324	2.6312	00921
240	00821	-.00096	-.02784	-.00005	.00105	-.00105	.00078	-.00015	.00046	00821
241	1235-15W	.00005	.53424	.29570	-.00099	.00553	.03399	.04815	142.26*	1235-15W
242	1235-16W	-.00007	.49651	.33041	-.00136	.00811	.03806	.04771	137.70*	1235-16W
243	1235-17W	-.00017	.46281	.29691	-.00097	.00564	.05087	.04962	134.84*	1235-17W
244	1235-18W	.00095	.59661	.23457	.00036	.01253	.14683	.11625	145.97*	1235-18W
245	1235-19W	.00023	.49743	.23067	-.00089	.00801	.10770	.08887	127.44*	1235-19W
246	1235-20W	.00027	.49312	.27763	-.00062	.01261	.04115	.04311	130.47*	1235-20W
247	1235-21W	.00031	.49431	.28053	.00056	.00834	.06431	.06262	141.57*	1235-21W
248	00922	.51581	63.586	.48752	2.3581	.47906	.48296	1.5234	2.6459	00922
249	00822	.00006	-.01166	-.00004	.00073	-.00097	.00060	-.00011	.00066	00822
;NOD	LSID	Ag	Ma	Sr	T'	S'	T'	%	Fc	LSID

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	pH	Extract Volume (ml)
01	IPI073-WB	50	–	50
02	-WL	50	–	50
03	-WC	50	–	50
04	I077-24	50	<2	50
05	I097-02	50	<2	50
06	-03	50	<2	50
07	-06	50	<2	50
08	-08	50	<2	50
09	-10	50	<2	50
10	-13	50	<2	50
11	-15	50	<2	50
12	-17	50	<2	50
13	I091-01	50	<2	50
14	-02	50	<2	50
15	I075-01	50	<2	50
16	-02	50	<2	50
17	-02dup	50	<2	50
18	-02S	50	<2	50
19	I112-10	50	<2	50
20	-11	50	<2	50
21	I088-08	50	<2	50
22	-09	50	<2	50
23	I086-02	50	<2	50
24	I129-02	50	<2	50
25	-04	50	<2	50
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

9-22-10 MC

Book#: EIP-092
Batch: IPI073-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☑ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-22-10	10:00	90 °c
END	9-22-10	14:00	90 °c

Standards	ID	Amount Added (ml)
LCS-1	SM1A-013-01-28	0.25
LCS-2	↓ -29	0.25
LCS-3	↓ ↓ -30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SM1A-04-253	1.5+1.5
HCl	↓ -↓ -221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9/22/10

Date endorsed to waste Disposal:

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I091

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 300.0
ANIONS BY IC

A total of four (4) water samples were received on 09/08/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI019WL/C were all within QC limits.
Percent recoveries for ICI021WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Samples I091-02, -03 and -04 were initially analyzed at dilution due to strong odor and turbid appearance.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1D1091

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1019WB	ND	1	NA	0.500	0.250	09/08/1019:34	NA	A109-31	A109-29	IC1019W	NA	NA
LCS1W	IC1019WL	5.07	1	NA	0.500	0.250	09/08/1019:51	NA	A109-32	A109-29	IC1019W	NA	NA
LCD1W	IC1019WC	5.07	1	NA	0.500	0.250	09/08/1020:07	NA	A109-33	A109-29	IC1019W	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	0.500	0.250	09/09/1001:14	NA	A109-52	A109-50	IC1019W	09/08/1039:00	09/08/10
MW-70-PMW05B-A10	1091-02	1.67J	5	NA	2.50	1.25	09/09/1002:02	NA	A109-55	A109-50	IC1019W	09/08/1039:38	09/08/10
MW-70-FSB10B-A10	1091-03	ND	5	NA	2.50	1.25	09/09/1002:35	NA	A109-57	A109-50	IC1019W	09/08/1010:32	09/08/10
MW-70-FSB11B-A10	1091-04	1.77J	5	NA	2.50	1.25	09/09/1003:23	NA	A109-60	A109-50	IC1019W	09/08/1011:34	09/08/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : I10C

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1019WB	ND	1	NA	0.200	0.100	09/08/1019:34	NA	A109-31	A109-29	IC1019W	NA	NA
LCS1W	IC1019WL	4.92	1	NA	0.200	0.100	09/08/1019:51	NA	A109-32	A109-29	IC1019W	NA	NA
LCD1W	IC1019WC	4.92	1	NA	0.200	0.100	09/08/1020:07	NA	A109-33	A109-29	IC1019W	NA	NA
MW-70-PMW05A-A10	1091-01	136	5	NA	1.00	0.500	09/09/1001:30	NA	A109-53	A109-50	IC1019W	09/08/1009:00	09/08/10
MBLK2W	IC1021WB	ND	1	NA	0.200	0.100	09/09/1011:55	NA	A111-03	A111-01	IC1021W	NA	NA
LCS2W	IC1021WL	4.90	1	NA	0.200	0.100	09/09/1012:11	NA	A111-04	A111-01	IC1021W	NA	NA
LCD2W	IC1021WC	4.90	1	NA	0.200	0.100	09/09/1012:27	NA	A111-05	A111-01	IC1021W	NA	NA
MW-70-PMW05B-A10	1091-02	823	40	NA	8.00	4.00	09/09/1016:30	NA	A111-20	A111-13	IC1021W	09/08/1009:38	09/08/10
IW-70-FSB108-A10	1091-03	373	40	NA	8.00	4.00	09/09/1016:46	NA	A111-21	A111-13	IC1021W	09/08/1010:32	09/08/10
IW-70-FSB118-A10	1091-04	487	40	NA	8.00	4.00	09/09/1017:02	NA	A111-22	A111-13	IC1021W	09/08/1011:34	09/08/10

METHOD 300.0
NITRATE-N

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDTST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	101019WB	ND	1	NA	0.200	0.0500	09/08/1019:34	NA	A109-31	A109-29	101019W	NA	NA
LCS1W	101019WL	1.89	1	NA	0.200	0.0500	09/08/1019:51	NA	A109-32	A109-29	101019W	NA	NA
LCD1W	101019WC	1.89	1	NA	0.200	0.0500	09/08/1020:07	NA	A109-33	A109-29	101019W	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	0.200	0.0500	09/09/1001:14	NA	A109-52	A109-50	101019W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	1091-02	ND	5	NA	1.00	0.250	09/09/1002:02	NA	A109-55	A109-50	101019W	09/08/1009:38	09/08/10
MW-70-FSB138-A10	1091-03	ND	5	NA	1.00	0.250	09/09/1002:35	NA	A109-57	A109-50	101019W	09/08/1010:32	09/08/10
MW-70-FSB118-A10	1091-04	ND	2	NA	0.400	0.100	09/09/1003:07	NA	A109-59	A109-50	101019W	09/08/1011:34	09/08/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10109'

Matrix : WATER
Instrument ID : :100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK'W	[C10:9WB	ND	1	NA	0.200	0.050C	C9/08/1019:34	NA	A109-31	A109-29	JC10194	NA	NA
:CS1W	[C10:9WL	2.02	1	NA	0.200	0.050C	C9/08/1019:51	NA	A109-32	A109-29	1C10194	NA	NA
:CD1W	[C10:9WC	2.03	1	NA	0.200	0.050C	C9/08/1020:07	NA	A109-33	A109-29	1C10194	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	0.200	0.050C	C9/09/1001:14	NA	A109-52	A109-5C	JC10194	09/08/1009:00	09/08/10
MW-70-PMW053-A10	1091-02	ND	5	NA	1.00	0.25C	C9/09/1002:02	NA	A109-55	A109-50	1C10194	09/08/1009:38	09/08/10
MW-70-FSB108-A10	1091-03	ND	5	NA	1.03	0.250	09/09/1002:35	NA	A109-57	A109-50	1C10194	09/08/1010:32	09/08/10
MW-70-FSB118-A10	1091-04	ND	2	NA	0.403	0.100	09/09/1003:07	NA	A109-59	A109-50	:C10194	09/08/1011:34	09/08/10

0003

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : KWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK*W	IC1019WB	ND	1	NA	0.500	0.250	09/08/1019:34	NA	A109-31	A109-29	IC1019W	NA	NA
LCS1W	IC1019WL	4.77	1	NA	0.500	0.250	09/08/1019:51	NA	A109-32	A109-29	IC1019W	NA	NA
LCD1W	IC1019WC	4.78	1	NA	0.500	0.250	09/08/1020:07	NA	A109-33	A109-29	IC1019W	NA	NA
MW-70-PMW05A-A10	I091-01	53.8	5	NA	2.50	1.25	09/09/1001:30	NA	A109-53	A109-50	IC1019W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	I091-02	147	5	NA	2.50	1.25	09/09/1002:02	NA	A109-55	A109-50	IC1019W	09/08/1009:38	09/08/10
IW-70-FSB10B-A10	I091-03	ND	5	NA	2.50	1.25	09/09/1002:35	NA	A109-57	A109-50	IC1019W	09/08/1010:32	09/08/10
IW-70-FSB11B-A10	I091-04	1.93	2	NA	1.00	0.500	09/09/1003:07	NA	A109-59	A109-50	IC1019W	09/08/1011:34	09/08/10

QC SUMMARIES

SMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1019WB IC1019WL IC1019WC
LAB FILE ID: A109-31 A109-32 A109-35
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: A109-29 A109-29 A109-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.07	101	5.00	5.07	101	0	90-110	20

5008

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MBLKIW
LAB SAMP ID: IC1019WB | IC1019WL | IC1019WC
LAB FILE ID: A109-31 | A109-32 | A109-33
DATE EXTRACTED: NA | NA | NA | DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 | 09/08/1019:51 | 09/08/1020:07 | DATE RECEIVED: NA
PREP. BATCH: IC1019W | IC1019W | IC1019W
CALIB. REF: A109-29 | A109-29 | A109-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.92	98	5.00	4.92	98	0	90-110	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101091
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1021WB IC1021WL IC1021WC
LAB FILE ID: A111-03 A111-04 A111-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/09/1011:55 09/09/1012:11 09/09/1012:27 DATE RECEIVED: NA
PREP. BATCH: IC1021W IC1021W IC1021W
CALIB. REF: A111-01 A111-01 A111-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.90	98	5.00	4.90	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKIW
LAB SAMP ID: IC1019WB IC1019WL IC1019WC
LAB FILE ID: A109-31 A109-32 A109-33
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: A109-29 A109-29 A109-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.89	94	2.09	1.89	95	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NAS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1019WB IC1019WL IC1019WC
LAB FILE ID: A109-31 A109-32 A109-33
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: A109-29 A109-29 A109-29

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.02	101	2.00	2.03	101	0	90-110	20

0103

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1019WB IC1019WL IC1019WC
LAB FILE ID: A109-31 A109-32 A109-33
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/08/1019:34 09/08/1019:51 09/08/1020:07 DATE RECEIVED: NA
PREP. BATCH: IC1019W IC1019W IC1019W
CALIB. REF: A109-29 A109-29 A109-29

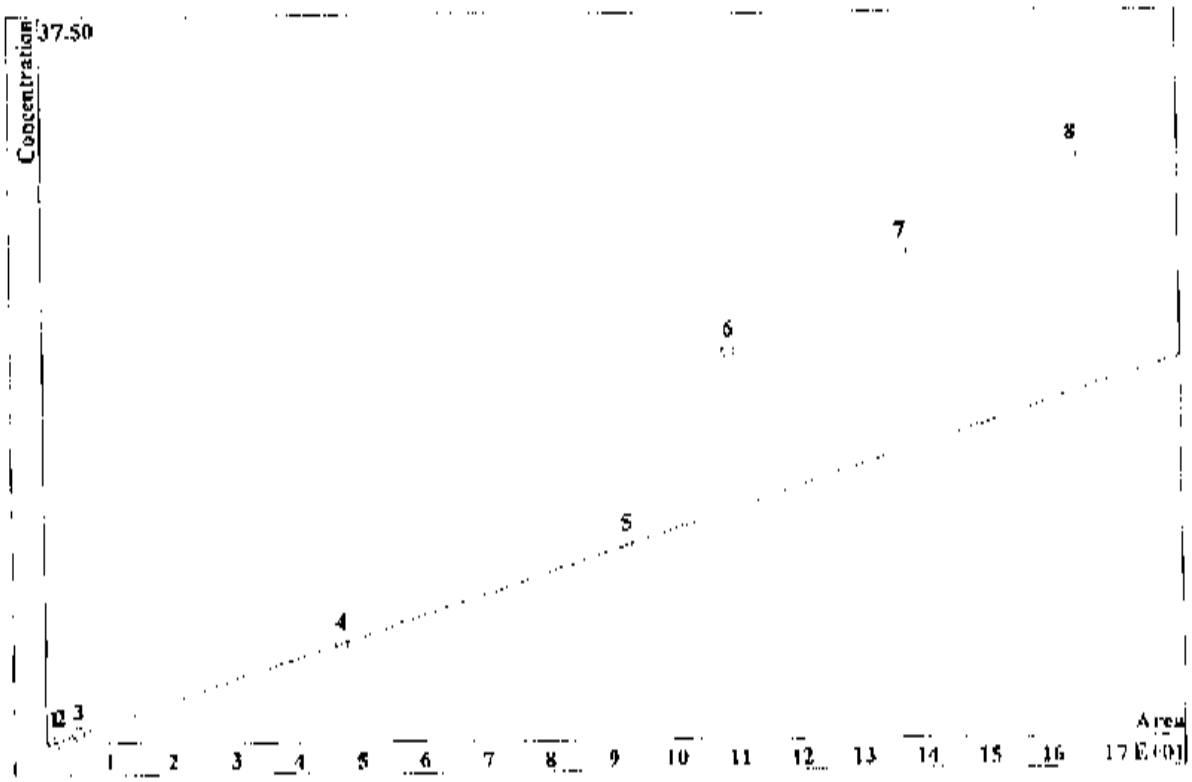
ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.77	95	5.00	4.78	96	0	90-110	20

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100-I01.mtw
Equation: Q = 0.108366·A + 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



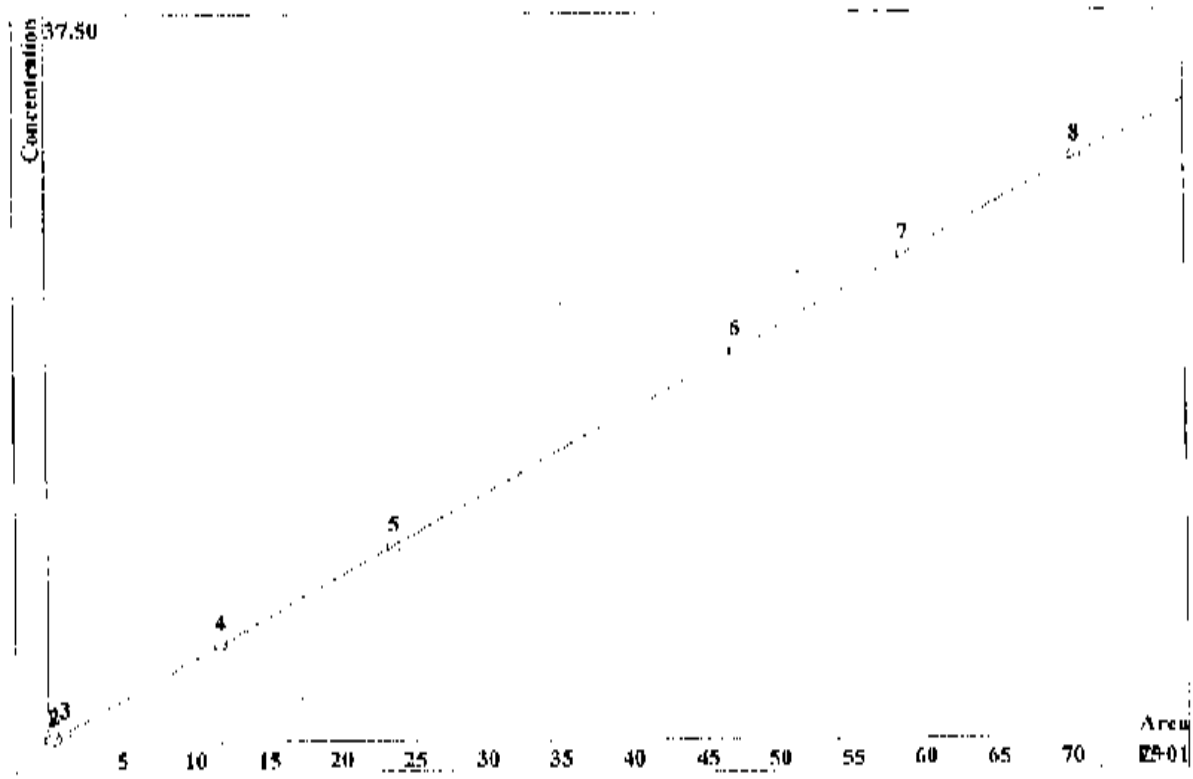
K3 = 0 K2 = 0 K1 = 0.108366 K0 = 0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

AA
9/01/10

CALIBRATION OF COMPONENT chloride

Method: IC100-T01.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



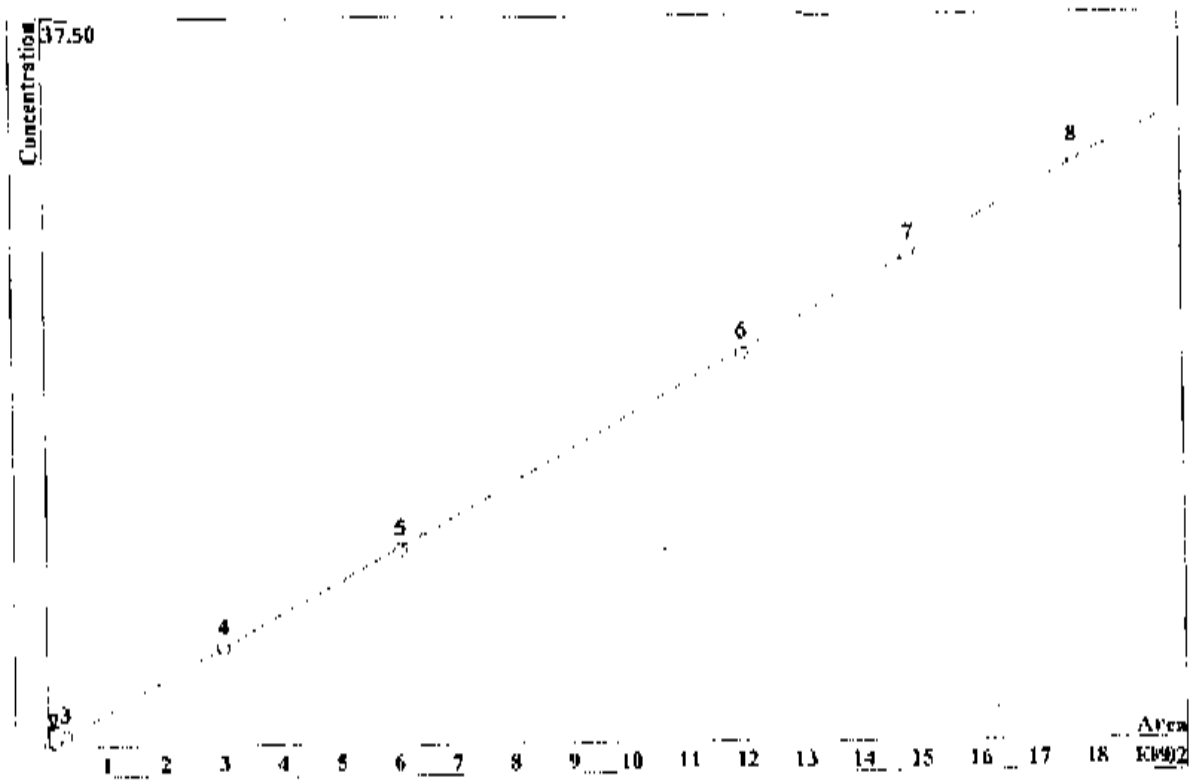
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AS
9/09/10

CALIBRATION OF COMPONENT nitrate

Method: IC100-I01.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

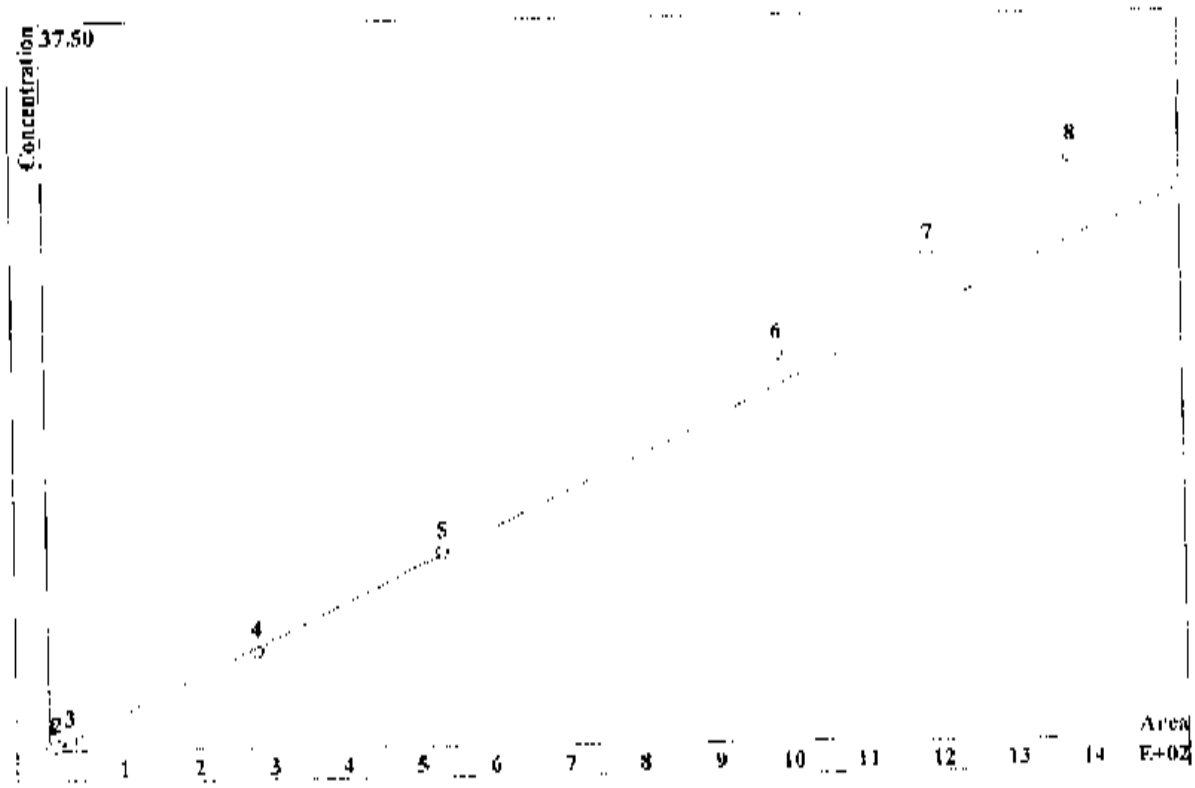
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

kt
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-I01.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

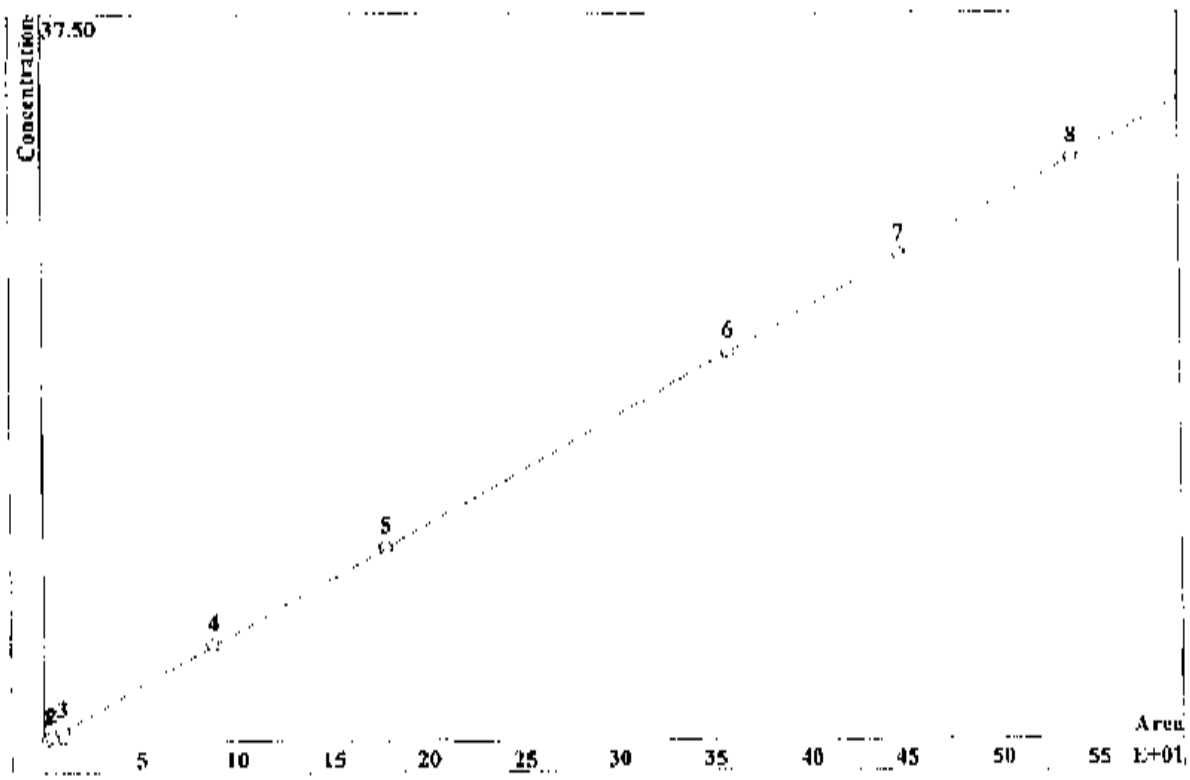
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AS
09/02/10

CALIBRATION OF COMPONENT sulfate

Method: IC100-I01.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.862	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

AR
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/AID1

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
A101-01	IB	BCSNIPF	0	0	0	0	0	0	0	U9011506	1
A101-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.5%	104.1%	97.3%	105%	U9011758	1
A101-12	ICB	BCSNIPF	0	0	0	0	0	0	0	U9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : 101 /AI01

LFID	LSID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI09-01	CCV57	SCPNFIB	93.6%	97.7%	97.1%	92.2%	103%	98.5%	101.4%	u9081130	1
AI09-02	CCB57	SCPNFIB	0	0	0	0	0	0	0	u9081146	1
AI09-12	CCV59	SCPNFIB	95.1%	98.8%	100.5%	93.1%	102.9%	100%	103.2%	u9081427	1
AI09-13	CCB59	SCPNFIB	0	0	0	0	0	0	0	u9081443	1
AI09-24	CCV61	SCPNFIB	95.3%	99%	99%	95.4%	102.7%	100%	103.1%	u9081741	1
AI09-25	CCB61	SCPNFIB	0	0	0	0	0	0	0	u9081757	1
AI09-29	CCV63	SCPNFIB	94.0%	98.6%	99.3%	92.9%	102.5%	99.6%	102.7%	u9081902	1
AI09-30	CCB63	SCPNFIB	0	0	0	0	0	0	0	u9081918	1
AI09-40	CCV65	SCPNFIB	95.2%	98.7%	101.3%	93%	103.1%	99.7%	102.8%	u9082200	1
AI09-41	CCB65	SCPNFIB	0	0	0	0	0	0	0	u9082216	1
AI09-50	CCV67	SCPNFIB	95.7%	99.2%	99.5%	95.5%	103.2%	100%	103.5%	u9090041	1
AI09-51	CCB67	SCPNFIB	0	0	0	0	0	0	0	u9090058	1
AI09-62	CCV69	SCPNFIB	95.5%	99.2%	102.7%	93.4%	102.9%	100.2%	104%	u9090355	1
AI09-63	CCB69	SCPNFIB	0	0	0	0	0	0	0	u9090412	1

IC Result Check FormVersion : 101/AID1

LFID	LSID	Selection	bromide	phosphate	nitrite	nitrate	fluoride	chloride	sulfate	RawNetID	DF
AI11-01	CCV71	BPINFCS	101.7%	102.5%	100%	92.9%	102.8%	97.9%	94.9%	u9091123	1
AI11-02	CCB71	BPINFCS	0	0	0	0	0	0	0	u9091139	1
AI11-13	CCV73	BPINFCS	102.5%	102.8%	100.3%	93.1%	103.1%	98.6%	95.9%	u9091437	1
AI11-14	CCB73	BPINFCS	0	0	0	0	0	0	0	u9091453	1
AI11-25	CCV75	BPINFCS	102.1%	102.6%	100.5%	93.3%	103.6%	98.8%	96.2%	u9091751	1
AI11-33	CCV77	BPINFCS	102.8%	105.6%	100.5%	93.3%	103.2%	99.5%	95.5%	u9092009	1
AI11-34	CCB77	BPINFCS	0	0	0	0	0	0	0	u9092025	1
AI11-45	CCV79	BPINFCS	102.9%	105.1%	100.6%	93.4%	103.7%	98.8%	95.7%	u9092323	1
AI11-46	CCB79	BPINFCS	0	0	0	0	0	0	0	u9092339	1
AI11-57	CCV81	BPINFCS	102.9%	104%	100.5%	93.5%	103.1%	98.8%	95.5%	u9100237	1
AI11-58	CCB81	BPINFCS	0	0	0	0	0	0	0	u9100253	1
AI11-67	CCV83	BPINFCS	103.5%	105.9%	100.8%	94%	103.9%	99.2%	96.2%	u9100519	1
AI11-68	CCB83	BPINFCS	0	0	0	0	0	0	0	u9100535	1
AI11-79	CCV85	BPINFCS	103.3%	105.7%	100.8%	94%	104.1%	99.5%	96.5%	u9100832	1
AI11-80	CCB85	BPINFCS	0	0	0	0	0	0.158145	0	u9100849	1
AI11-86	CCV87	BPINFCS	103.9%	106.1%	100.8%	94.1%	103.8%	99.7%	96.7%	u9101032	1
AI11-87	CCB87	BPINFCS	0	0	0	0	0	0	0	u9101048	1

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

CrO4 85 - Cl = 0.195 ppm

Book #: A100-025

Instrument No.: 100

Analytical Sequence: AI11

Method File: IC100-101.mtw

Analytical Batch: IC-I021W / IC-I023W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB - 15 - 6 - 2
ICV	↓ -3
CCV	STIB - 15 - 10 - 2
LCS	STIB - 15 - 10 - 3
MS	Mixed Spike F, Na+, Mg2+ (2 ppm) Cl-, Br-, PO4 3-, SO4 2- (5 ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent: STIB-01-173 (340 mM Na2CO3 / 100 mM NaHCO3) 20 mL

STIB-01-172 (100 mM NaHCO3) 12 mL

IC Regenerant:

STIB-01-180 (100 mM H2SO4)

Date: 9/9/10

Analyzed By: JG

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	1.0	1.0	100.0	0		

FINAL

8028

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Ic Eluent:

SW4-01-173 (320mM Na_2CO_3/100mM $NaHCO_3$) 20mL

SW4-01-172 (100mM $NaHCO_3$) 12mL

Ic Regenerant:

SW4-01-160 (1000mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	AID9
Method File:	IC1005 .IOI.mth
Analytical Batch:	IC-IO17W; IC-IO17W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-6-2
ICV	↓ -3
CCV	STIB-15-9-1
LCS	STIB-15-9-2
MS	Base Spike F^-, NO_2^-, NO_3^- (2ppm) Cl^-, PO_4^{3-}, SO_4^{2-} (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/8/10

Analyzed By: JL

8029

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
9981133.chw	IC100-101.mth	4109-01 CCV17	1	1.0	1.0	1.0	100.0	0		
9981146.chw	IC100-101.mth	4109-02 CCV17	2	1.0	1.0	1.0	100.0	0		
9981202.chw	IC100-101.mth	4109-03 IC101HB	3	1.0	1.0	1.0	100.0	0		
9981215.chw	IC100-101.mth	4109-04 IC101HL	4	1.0	1.0	1.0	100.0	0		
9981231.chw	IC100-101.mth	4109-05 IC101HC	5	1.0	1.0	1.0	100.0	0		
9981245.chw	IC100-101.mth	4109-06 1075-01	6	1.0	1.0	1.0	100.0	0		
9981307.chw	IC100-101.mth	4109-07 1075-02	7	1.0	1.0	1.0	100.0	0		
9981323.chw	IC100-101.mth	4109-08 1075-02D	8	1.0	1.0	1.0	100.0	0		
9981339.chw	IC100-101.mth	4109-09 1075-02M	9	1.0	1.0	1.0	100.0	0		
9981355.chw	IC100-101.mth	4109-10 1075-02S	10	1.0	1.0	1.0	100.0	0		
9981411.chw	IC100-101.mth	4109-11 1075-01 DF=10	11	1.0	10.0	1.0	100.0	0		
9981427.chw	IC100-101.mth	4109-12 CCV19	12	1.0	1.0	1.0	100.0	0		
9981443.chw	IC100-101.mth	4109-13 CCB19	13	1.0	1.0	1.0	100.0	0		
9981506.chw	IC100-101.mth	4109-14 1087-01	14	1.0	1.0	1.0	100.0	0		
9981526.chw	IC100-101.mth	4109-15 1087-03	15	1.0	1.0	1.0	100.0	0		
9981542.chw	IC100-101.mth	4109-16 1087-03	16	1.0	1.0	1.0	100.0	0		
9981558.chw	IC100-101.mth	4109-17 1077-06	17	1.0	1.0	1.0	100.0	0		
9981604.chw	IC100-101.mth	4109-18 1077-02	18	1.0	1.0	1.0	100.0	0		
9981620.chw	IC100-101.mth	4109-19 1077-06	19	1.0	1.0	1.0	100.0	0		
9981637.chw	IC100-101.mth	4109-20 1077-10	20	1.0	1.0	1.0	100.0	0		
9981653.chw	IC100-101.mth	4109-21 1065-01 DF=100	21	1.0	100.0	1.0	100.0	0		
9981709.chw	IC100-101.mth	4109-22 1065-02 DF=100	22	1.0	100.0	1.0	100.0	0		
9981725.chw	IC100-101.mth	4109-23 1065-03 DF=100	23	1.0	100.0	1.0	100.0	0		
9981741.chw	IC100-101.mth	4109-24 CCV61	24	1.0	1.0	1.0	100.0	0		
9981757.chw	IC100-101.mth	4109-25 CCB61	25	1.0	1.0	1.0	100.0	0		
9981814.chw	IC100-101.mth	4109-26 1066-04 DF=40	26	1.0	40.0	1.0	100.0	0		
9981829.chw	IC100-101.mth	4109-27 1066-05 DF=20	27	1.0	20.0	1.0	100.0	0		
9981845.chw	IC100-101.mth	4109-28 1066-06 DF=40	28	1.0	40.0	1.0	100.0	0		
9981900.chw	IC100-101.mth	4109-29 CCV53	29	1.0	1.0	1.0	100.0	0		
9981918.chw	IC100-101.mth	4109-30 CCB53	30	1.0	1.0	1.0	100.0	0		
9981934.chw	IC100-101.mth	4109-31 IC101HB	31	1.0	1.0	1.0	100.0	0		
9981951.chw	IC100-101.mth	4109-32 IC101HL	32	1.0	1.0	1.0	100.0	0		
9982009.chw	IC100-101.mth	4109-33 IC101HC	33	1.0	1.0	1.0	100.0	0		
9982024.chw	IC100-101.mth	4109-34 1090-02	34	1.0	5.0	1.0	100.0	0		
9982039.chw	IC100-101.mth	4109-35 1090-02 DF=5	35	1.0	5.0	1.0	100.0	0		
9982055.chw	IC100-101.mth	4109-36 1075-02 DF=20	36	1.0	20.0	1.0	100.0	0		
9982111.chw	IC100-101.mth	4109-37 1075-02D DF=20	37	1.0	20.0	1.0	100.0	0		
9982128.chw	IC100-101.mth	4109-38 1075-02M DF=20	38	1.0	20.0	1.0	100.0	0		
9982144.chw	IC100-101.mth	4109-39 1075-02S DF=20	39	1.0	20.0	1.0	100.0	0		
9982200.chw	IC100-101.mth	4109-40 CCV65	40	1.0	1.0	1.0	100.0	0		
9982216.chw	IC100-101.mth	4109-41 CCB65	41	1.0	1.0	1.0	100.0	0		
9982233.chw	IC100-101.mth	4109-42 1090-03	42	1.0	1.0	1.0	100.0	0		
9982249.chw	IC100-101.mth	4109-43 1090-03 DF=5	43	1.0	5.0	1.0	100.0	0		
9982304.chw	IC100-101.mth	4109-44 1090-04	44	1.0	1.0	1.0	100.0	0		
9982321.chw	IC100-101.mth	4109-45 1090-04 DF=5	45	1.0	5.0	1.0	100.0	0		
9982337.chw	IC100-101.mth	4109-46 1090-05	46	1.0	1.0	1.0	100.0	0		
9982353.chw	IC100-101.mth	4109-47 1090-05 DF=5	47	1.0	5.0	1.0	100.0	0		
9982409.chw	IC100-101.mth	4109-48 1090-06	48	1.0	1.0	1.0	100.0	0		
9982425.chw	IC100-101.mth	4109-49 1090-06 DF=5	49	1.0	5.0	1.0	100.0	0		
9982441.chw	IC100-101.mth	4109-50 CCV67	50	1.0	1.0	1.0	100.0	0		
9982457.chw	IC100-101.mth	4109-51 CCB67	51	1.0	1.0	1.0	100.0	0		
9982514.chw	IC100-101.mth	4109-52 1091-01	52	1.0	1.0	1.0	100.0	0		
9982530.chw	IC100-101.mth	4109-53 1091-01 DF=5	53	1.0	5.0	1.0	100.0	0		
9982545.chw	IC100-101.mth	4109-54 1091-02 DF=10	54	1.0	10.0	1.0	100.0	0		
9982602.chw	IC100-101.mth	4109-55 1091-03 DF=5	55	1.0	5.0	1.0	100.0	0		
9982618.chw	IC100-101.mth	4109-56 1091-03 DF=10	56	1.0	10.0	1.0	100.0	0		
9982634.chw	IC100-101.mth	4109-57 1091-04 DF=5	57	1.0	5.0	1.0	100.0	0		

FINAL

3. 4/9/6

0003

F2

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	5.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	RINSE	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	CCI79	62	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	CCI19	63	1.0	1.0	1.0	100.0	0		

[illegible]

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

S1004-01-173 (520 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20mL
S1004-01-172 (100 mM $NaHCO_3$) 12mL

IC Regenerant:

S1004-01-171 (100 mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A301
Method File:	IC100-301.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S1 16-16-6-2
ICV	S1 16-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
a901[illegible].chr	IC[illegible].mth	A901-01 S9	1	1.0	1.0	1.0	100.0	0		
a901[illegible].chr	IC[illegible].mth	A901-02 S9	2	1.0	1.0	1.0	100.0	0		
a901[illegible].chr	IC[illegible].mth	A901-03 S9	3	1.0	1.0	1.0	100.0	1		
a901[illegible].chr	IC[illegible].mth	A901-04 S9	4	1.0	1.0	1.0	100.0	2		
a901[illegible].chr	IC[illegible].mth	A901-05 S9	5	1.0	1.0	1.0	100.0	3		
a901[illegible].chr	IC[illegible].mth	A901-06 S9	6	1.0	1.0	1.0	100.0	4		
a901[illegible].chr	IC[illegible].mth	A901-07 S9	7	1.0	1.0	1.0	100.0	5		
a901[illegible].chr	IC[illegible].mth	A901-08 S9	8	1.0	1.0	1.0	100.0	6		
a901[illegible].chr	IC[illegible].mth	A901-09 S9	9	1.0	1.0	1.0	100.0	7		
a901[illegible].chr	IC[illegible].mth	A901-10 S9	10	1.0	1.0	1.0	100.0	8		
a901[illegible].chr	IC[illegible].mth	A901-11 ICV	11	1.0	1.0	1.0	100.0	0		
a901[illegible].chr	IC[illegible].mth	A901-12 ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

AB 9/08/10

8033

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of four (4) water samples were received on 09/08/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI016WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 3106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKSW	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	20.5	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	20.5	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW35A-A10	1091-01	ND	1	NA	1.00	0.500	09/17/1009:12	NA	HI16018	HI16012	HC1016W	09/08/1009:30	09/08/10
MW-70-PMW35B-A10	1091-02	ND	1	NA	1.00	0.500	09/17/1010:18	NA	HI16019	HI16012	HC1016W	09/08/1009:38	09/08/10
IW-70-FSB10B-A10	1091-03	18.8	1	NA	1.00	0.500	09/17/1011:24	NA	HI16020	HI16012	HC1016W	09/08/1010:32	09/08/10
IW-70-FSB11B-A10	1091-04	ND	1	NA	1.00	0.500	09/17/1012:30	NA	HI16021	HI16012	HC1016W	09/08/1011:34	09/08/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : I'06

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MD(S)	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK'W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16C03	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.3	1	NA	1.00	0.500	09/16/1020:28	NA	HI16C04	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	19.3	1	NA	1.00	0.500	09/16/1020:49	NA	HI16C05	HI16001	HC1016W	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	1.00	0.500	09/17/1009:12	NA	HI16018	HI160'2	HC10'6W	09/08/1039:00	09/08/10
MW-70-PMW05B-A10	1091-02	ND	1	NA	1.00	0.500	09/17/1010:18	NA	HI16019	HI160'2	HC10'6W	09/08/1039:38	09/08/10
DW-70-FSB10B-A10	1091-03	ND	1	NA	1.00	0.500	09/17/1011:24	NA	HI16020	HI160'2	HC10'6W	09/08/1010:32	09/08/10
DW-70-FSB11B-A10	1091-04	ND	1	NA	1.00	0.500	09/17/1012:30	NA	HI16021	HI16012	HC10'6W	09/08/10'1:34	09/08/10

P0037

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKW	HCI016W3	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HCI016W	NA	NA
LCSW	HCI016W2	19.6	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HCI016W	NA	NA
LCDW	HCI016W6	19.6	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HCI016W	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	1.00	0.500	09/17/1009:12	NA	HI16018	HI16012	HCI016W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	1091-02	ND	1	NA	1.00	0.500	09/17/1010:18	NA	HI16019	HI16012	HCI016W	09/08/1009:38	09/08/10
IW-70-FSB108-A10	1091-03	ND	1	NA	1.00	0.500	09/17/1011:24	NA	HI16020	HI16012	HCI016W	09/08/1010:32	09/08/10
IW-70-FSB118-A10	1091-04	ND	1	NA	1.00	0.500	09/17/1012:30	NA	HI16021	HI16012	HCI016W	09/08/1011:34	09/08/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 3136

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC101688	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16C03	HI16001	HC1016W	NA	NA
LCS1W	HC101688L	20.2	1	NA	1.00	0.500	09/16/1020:28	NA	HI16C04	HI16C01	HC1016W	NA	NA
LCD1W	HC101688C	20.2	1	NA	1.00	0.500	09/16/1020:49	NA	HI16C05	HI16C01	HC1016W	NA	NA
MW-70-PMW05A-A10	1091-01	ND	1	NA	1.00	0.500	09/17/1009:12	NA	HI16018	HI16012	HC1016W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	1091-02	ND	1	NA	1.00	0.500	09/17/1010:18	NA	HI16019	HI16012	HC1016W	09/08/1009:38	09/08/10
IW-70-FSB1C8-A10	1091-03	15.3	1	NA	1.00	0.500	09/17/1011:24	NA	HI16020	HI16012	HC1016W	09/08/1013:32	09/08/10
IW-70-FSB11B-A10	1091-04	ND	1	NA	1.00	0.500	09/17/1012:30	NA	HI16021	HI16012	HC1016W	09/08/1011:34	09/08/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 301091
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016WB HC1016WL HC1016WC
LAB FILE ID: HI16003 HI16004 HI16005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: HI16001 HI16001 HI16001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, SR SITE 70.
BATCH NO.: 101051
METHOD: METHOD 300.0(N)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016WB HC1016WL HC1016WC
LAB FILE ID: HT16C03 HT16C04 HT16C05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.3	96	20.0	19.3	96	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1016WB	HC1016WL	HC1016WC		
LAB FILE ID:	H016003	H016004	H016005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	H016001	H016001	H016001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	NC	20.0	19.6	98	20.0	19.6	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1JTC9'
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	VBLK1W				
LAB SAMP ID:	HC1016WB	HC1016WL	HC1016WC		
LAB FILE ID:	HI16003	HI16004	HI16005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	HI16001	HI16001	HI16001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

INITIAL CALIBRATION

IC SEQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	Date/time	DF
HI13001	IB	ABLPY	OA106I13	09/13/1014:36	1
HI13002	S 0	ABLPY	OA106I13	09/13/1014:57	1
HI13003	S 1	ABLPY	OA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106I13	09/13/1017:58	1
HI13007	S 5	ABLPY	OA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106I13	09/13/1019:01	1

RA 9/13/10

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000176	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a	n.a.	0.0000

AA
9/15/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S 4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

9/16/10

8049

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.113/H113(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DI
H116001	CCV14	ABLPY	104%	96.8%	100%	107%	100%	09/16/1019:25	1
H116002	CCB14	ABLPY	ND	ND	ND	ND	ND	09/16/1019:46	1
H116003	HC1016WB	ABLPY	ND	ND	ND	ND	ND	09/16/1020:07	1
H116004	HC1016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:28	1
H116005	HC1016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:49	1
H116006	I066-01	**L*Y	30.9E	5.22E	ND	30.3E	ND	09/16/1021:10	1
H116007	I066-02	**L*Y	30.7E	5.06E	ND	30.2E	ND	09/16/1022:16	1
H116008	I066-03	*BLPY	10.2E	.377	ND	.932	ND	09/16/1023:22	1
H116009	I066-04	ABLPY	ND	ND	ND	ND	ND	09/17/1000:28	1
H116010	I066-05	ABLPY	ND	ND	ND	ND	ND	09/17/1001:34	1
H116011	I066-06	ABLPY	2.51	ND	ND	ND	ND	09/17/1002:40	1
H116012	CCV16	ABLPY	107%	100%	102%	104%	102%	09/17/1003:46	1
H116013	CCB16	ABLPY	ND	ND	ND	ND	ND	09/17/1004:28	1
H116014	I075-01	ABLPY	ND	ND	ND	ND	ND	09/17/1004:49	1
H116015	I075-02	ABLPY	ND	ND	ND	ND	ND	09/17/1005:54	1
H116016	I075-02D	ABLPY	ND	ND	ND	ND	ND	09/17/1007:00	1
H116017	I075-02M	ABLPY	2.05	2.02	Z	2.02	1.97	09/17/1008:06	1
H116018	I091-01	ABLPY	ND	ND	ND	ND	ND	09/17/1009:12	1
H116019	I091-02	ABLPY	.035	ND	ND	ND	ND	09/17/1010:18	1
H116020	I091-03	ABLPY	1.88	ND	ND	1.53	ND	09/17/1011:24	1
H116021	I091-04	ABLPY	ND	ND	ND	ND	ND	09/17/1012:30	1
H116022	CCV18	ABLPY	106%	99%	103%	104%	104%	09/17/1014:16	1
H116023	CCB18	ABLPY	ND	ND	ND	ND	ND	09/17/1014:58	1
H116024	I148-01	ABLPY	.074	ND	ND	ND	ND	09/17/1015:19	1
H116025	I148-02	ABLPY	.02	ND	ND	ND	ND	09/17/1016:24	1
H116026	I148-03	ABLPY	.006	ND	ND	ND	ND	09/17/1017:30	1
H116027	I148-04	ABLPY	ND	ND	ND	ND	ND	09/17/1018:36	1
H116028	I193-01	ABLPY	1.02	ND	ND	ND	ND	09/17/1019:42	1
H116029	I193-02	ABLPY	ND	ND	ND	ND	ND	09/17/1020:48	1
H116030	CCV20	ABLPY	102%	95.1%	99.6%	98%	105%	09/17/1021:54	1
H116031	CCB20	ABLPY	ND	ND	ND	ND	ND	09/17/1022:15	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

W014 : SW9A-03-03

WC3016W: 5066, I075, I081, I148, I153

Book #: A106-008

Instrument No.: 106

Analytical Sequence: W16

Method File: 04106303

Analytical Batch: WC3016W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-217
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By:

Date: 9/16/10

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D0980091_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	D.I. Factor
1	HI16		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI16		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI16		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:45:53 PM	1.0000
4	HI16		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI16		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI16		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI16		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI16		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI16		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI16	001	CCV14	Unknown	99	25.0	ORG	OA106I13	Finished	9/16/2010 7:25:53 PM	1.0000
11	HI16	002	CCB14	Unknown	98	25.0	ORG	OA106I13	Finished	9/16/2010 7:46:52 PM	1.0000
12	HI16	003	HCI016WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/16/2010 8:07:51 PM	1.0000
13	HI16	004	HCI016WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:28:49 PM	1.0000
14	HI16	005	HCI016WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:49:48 PM	1.0000
15	HI16	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 9:10:47 PM	1.0000
16	HI16	007	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 10:16:41 PM	1.0000
17	HI16	008	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 11:22:34 PM	1.0000
18	HI16	009	I066-04	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:28:27 AM	1.0000
19	HI16	010	I066-05	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 1:34:21 AM	1.0000
20	HI16	011	I066-06	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 2:40:14 AM	1.0000
21	HI16	012	CCV16	Unknown	99	25.0	ORG	OA106I13	Finished	9/17/2010 3:46:06 AM	1.0000
22	HI16	013	CCB16	Unknown	98	25.0	ORG	OA106I13	Finished	9/17/2010 4:28:05 AM	1.0000
23	HI16	014	I075-01	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:49:04 AM	1.0000
24	HI16	015	I075-02	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:54:57 AM	1.0000
25	HI16	016	I075-02D	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:00:51 AM	1.0000
26	HI16	017	I075-02M	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:06:45 AM	1.0000
27	HI16	018	I091-01	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 9:12:38 AM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
1	HI16	
2	HI16	
3	HI16	
4	HI16	
5	HI16	
6	HI16	
7	HI16	
8	HI16	
9	HI16	
10	HI16	
11	HI16	
12	HI16	
13	HI16	
14	HI16	
15	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI16	
22	HI16	
23	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: 039B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI16	019	I091-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 10:18:32 AM	1.0000
29	HI16	020	I091-03	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 11:24:25 AM	1.0000
30	HI16	021	I091-04	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:30:19 PM	1.0000
31	HI16	022	CCV18	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 2:16:06 PM	1.0000
32	HI16	023	CCB18	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 2:58:03 PM	1.0000
33	HI16	024	I148-01	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 3:19:02 PM	1.0000
34	HI16	025	I148-02	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:24:57 PM	1.0000
35	HI16	026	I148-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:30:51 PM	1.0000
36	HI16	027	I148-04	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 6:35:45 PM	1.0000
37	HI16	028	I193-01	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:42:38 PM	1.0000
38	HI16	029	I193-02	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:48:32 PM	1.0000
39	HI16	030	CCV20	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 9:54:25 PM	1.0000
40	HI16	031	CCB20	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 10:15:24 PM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3SB3091_local
Location: Organic Acid\2010
Timebase: CS1000
#Samples: 40

Created: 9/15/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
28	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI16	
32	HI16	
33	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI16	
40	HI16	

FINAL

PAGE 7

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H313

Method File: 0A106313

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-245
ICV	↓ -246
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 9/13/02

Sequence: HI13
Operator: cmadmin

Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource: 03983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 2320B
TOTAL ALKALINITY

A total of four (4) water samples were received on 09/08/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for ALI010WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LCID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL101OWB	ND	1	NA	5.00	1.00	09/15/1001:12	NA	10E5103051	NA	AL101OW	NA	NA
LCS1W	AL101OWL	577	1	NA	5.00	1.00	09/15/1001:21	NA	10E5103052	NA	AL101OW	NA	NA
LCD1W	AL101OWC	575	1	NA	5.00	1.00	09/15/1001:32	NA	10E5103053	NA	AL101OW	NA	NA
MW-70-PMW05A-A10	1091-01	405	1	NA	5.00	1.00	09/15/1003:49	NA	13E5103068	NA	AL101OW	09/08/1009:03	09/08/10
MW-70-PMW05B-A10	1091-02	618	1	NA	5.00	1.00	09/15/1004:00	NA	13E5103069	NA	AL101OW	09/08/1009:38	09/08/10
MW-70-PMW05B-A10DUP	1091-02D	620	1	NA	5.00	1.00	09/15/1004:10	NA	10E5103070	NA	AL101OW	09/08/1009:38	09/08/10
IW-70-FSB108-A10	1091-03	699	1	NA	5.00	1.00	09/15/1004:21	NA	13E5103071	NA	AL101OW	09/08/1010:32	09/08/10
IW-70-FSB118-A10	1091-04	1330	1	NA	5.00	1.00	09/15/1004:37	NA	13E5103072	NA	AL101OW	09/08/1011:34	09/08/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: AL1010W6 AL1010WL AL1010WC
LAB FILE ID: 10E5103051 10E5103052 10E5103053
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/15/1001:12 09/15/1001:21 09/15/1001:32 DATE RECEIVED: NA
PREP. BATCH: AL1010W AL1010W AL1010W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	577	100	576	575	100	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101091
METHOD: METHOD 2320B

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-7C-PMW05B-A13
EMAX SAMP ID: 1091-02 1091-02D
LAB FILE ID: 10E5103069 10E5103070
DATE EXTRACTED: NA NA DATE COLLECTED: 09/08/10 09:38
DATE ANALYZED: 09/15/1004:00 09/15/1004:10 DATE RECEIVED: 09/08/10
PREP. BATCH: ALI010W ALI010W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Total Alkalinity	618	620	0	20

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method 2320B used for SDG: 10I043, 10I075, 10I807, 10I148, 10I812, 10I091

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I03

Analytical Sequence: ALI008, ALI009, ALI

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
LCS	SW1-01-258	576
MS/MSD	NA	NA
ICV	NA	NA
0.02N HCL	SWR1-01-254	0.02

pH Buffer	ID
pH 4	SW1-01-257
pH 7	SW1-01-263
pH 10	SW1-01-251
pH Check	SW1-01-262

Analyzed By: RC

Date: 9/14/10

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	Run Date	Run Time	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I03	09/14/2010	6:10 PM	7.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I03	09/14/2010	6:16 PM	6.66	.00	.05	.07	.00	1.27	1.27	.00	.00	
3	ALI008WB	10E5I03	09/14/2010	6:22 PM	5.38	.00	.03	.05	.00	.10	.10	.00	.00	
4	ALI008W_	10E5I03	09/14/2010	6:33 PM	8.95	6.37	14.57	-1.00	334.77	582.70	.00	495.86	66.85	
5	ALI008WC	10E5I03	09/14/2010	6:45 PM	8.97	6.44	14.51	-1.00	337.75	580.35	.00	485.21	95.14	
6	I043-01	10E5I03	09/14/2010	6:58 PM	6.75	.00	22.65	-1.00	.00	906.07	906.07	.00	.00	
7	I043-02	10E5I03	09/14/2010	7:08 PM	6.79	.00	18.82	-1.00	.00	752.67	752.67	.00	.00	
8	I043-03	10E5I03	09/14/2010	7:17 PM	7.73	.00	5.29	-1.00	.00	211.71	211.71	.00	.00	
9	I043-04	10E5I03	09/14/2010	7:24 PM	7.85	.00	5.13	-1.00	.00	205.29	205.29	.00	.00	
10	I043-05	10E5I03	09/14/2010	7:32 PM	7.85	.00	5.52	-1.00	.00	220.65	220.65	.00	.00	
11	I050-02	10E5I03	09/14/2010	7:41 PM	8.17	.00	10.67	-1.00	.00	426.65	426.65	.00	.00	
12	I050-04	10E5I03	09/14/2010	7:50 PM	8.66	.50	9.63	-1.00	20.18	385.34	344.98	40.36	.00	
13	I062-01	10E5I03	09/14/2010	7:56 PM	6.85	.00	3.05	-1.00	.00	121.80	121.80	.00	.00	
14	I062-02	10E5I03	09/14/2010	8:02 PM	6.85	.00	1.68	-1.00	.00	67.40	67.40	.00	.00	
15	I075-01	10E5I03	09/14/2010	8:11 PM	7.76	.00	10.55	-1.00	.00	422.04	422.04	.00	.00	
16	I075-02	10E5I03	09/14/2010	8:20 PM	7.87	.00	4.33	-1.00	.00	173.20	173.20	.00	.00	
17	I075-02D	10E5I03	09/14/2010	8:27 PM	7.88	.00	4.32	-1.00	.00	172.85	172.85	.00	.00	
18	I607-01	10E5I03	09/14/2010	8:34 PM	7.79	.00	4.60	-1.00	.00	183.96	183.96	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

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pH AND ALKALINITY IN-RUN REPORT.SRW
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F055

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I807-02	10E5I03	09/14/2010	8:42 PM	7.80	.00	4.60	-1.00	.00	183.90	183.90	.00	.00	
20	IS07-03	10E5I03	09/14/2010	8:49 PM	7.90	.00	4.58	-1.00	.00	183.34	183.34	.00	.00	
21	I148-01	10E5I03	09/14/2010	8:57 PM	7.23	.00	5.61	-1.00	.00	224.29	224.29	.00	.00	
22	I148-02	10E5I03	09/14/2010	9:05 PM	7.59	.00	5.49	-1.00	.00	219.57	219.57	.00	.00	
23	I148-03	10E5I03	09/14/2010	9:12 PM	7.67	.00	5.13	-1.00	.00	205.11	205.11	.00	.00	
24	I148-04	10E5I03	09/14/2010	9:19 PM	7.63	.00	5.18	-1.00	.00	207.32	207.32	.00	.00	
25	RINSE	10E5I03	09/14/2010	9:25 PM	6.47	.00	.06	.13	.00	-.11	-.11	.00	.00	
26	ALI009WB	10E5I03	09/14/2010	9:31 PM	5.76	.00	.05	.11	.00	-.30	-.30	.00	.00	
27	ALI009WL	10E5I03	09/14/2010	9:42 PM	9.16	10.20	14.34	-1.00	407.60	573.73	.00	331.84	241.88	
28	ALI009WC	10E5I03	09/14/2010	9:52 PM	9.14	10.11	14.35	-1.00	404.23	574.00	.00	339.55	234.45	
29	I116-01	10E5I03	09/14/2010	10:00 PM	6.55	.00	2.59	-1.00	.00	103.76	103.76	.00	.00	
30	I116-02	10E5I03	09/14/2010	10:08 PM	7.88	.00	7.48	-1.00	.00	299.20	299.20	.00	.00	
31	I116-03	10E5I03	09/14/2010	10:15 PM	7.59	.00	7.65	-1.00	.00	306.09	306.09	.00	.00	
32	I116-04	10E5I03	09/14/2010	10:27 PM	7.53	.00	16.92	-1.00	.00	676.79	676.79	.00	.00	
33	I116-05	10E5I03	09/14/2010	10:34 PM	7.90	.00	5.16	-1.00	.00	206.57	206.57	.00	.00	
34	I116-06	10E5I03	09/14/2010	10:42 PM	7.96	.00	8.76	-1.00	.00	350.34	350.34	.00	.00	
35	I116-07	10E5I03	09/14/2010	10:55 PM	8.39	.23	21.12	-1.00	9.08	844.96	826.79	18.17	.00	
36	I116-08	10E5I03	09/14/2010	11:02 PM	7.11	.00	4.07	-1.00	.00	162.97	162.97	.00	.00	
37	I116-09	10E5I03	09/14/2010	11:10 PM	7.20	.00	4.07	-1.00	.00	162.89	162.89	.00	.00	
38	I117-02	10E5I03	09/14/2010	11:17 PM	7.84	.00	3.87	-1.00	.00	154.83	154.83	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I117-03	10E5I03	09/14/2010	11:24 PM	7.26	.00	7.15	-1.00	.00	285.81	285.81	.00	.00	
40	I117-04	10E5I03	09/14/2010	11:36 PM	7.85	.00	17.21	-1.00	.00	688.29	688.29	.00	.00	
41	I117-05	10E5I03	09/14/2010	11:46 PM	7.85	.00	17.23	-1.00	.00	689.03	689.03	.00	.00	
42	I117-06	10E5I03	09/14/2010	11:56 PM	8.08	.00	9.37	-1.00	.00	374.69	374.69	.00	.00	
43	I117-07	10E5I03	09/15/2010	12:03 AM	7.66	.00	1.92	-1.00	.00	76.63	76.63	.00	.00	
44	I117-08	10E5I03	09/15/2010	12:09 AM	7.02	.00	3.69	-1.00	.00	147.77	147.77	.00	.00	
45	I117-09	10E5I03	09/15/2010	12:21 AM	8.11	.00	16.68	-1.00	.00	667.28	667.28	.00	.00	
46	I117-10	10E5I03	09/15/2010	12:29 AM	8.11	.00	7.88	-1.00	.00	315.36	315.36	.00	.00	
47	I117-11	10E5I03	09/15/2010	12:39 AM	7.54	.00	10.84	-1.00	.00	433.72	433.72	.00	.00	
48	I117-12	10E5I03	09/15/2010	12:49 AM	7.48	.00	14.46	-1.00	.00	578.57	578.57	.00	.00	
49	I117-12D	10E5I03	09/15/2010	12:59 AM	7.48	.00	14.52	-1.00	.00	580.72	580.72	.00	.00	
50	RINSE	10E5I03	09/15/2010	1:06 AM	6.31	.00	.06	.12	.00	.22	.22	.00	.00	
51	ALI010WB	10E5I03	09/15/2010	1:12 AM	5.75	.00	.05	.10	.00	.03	.03	.00	.00	
52	ALI010WL	10E5I03	09/15/2010	1:21 AM	9.14	10.14	14.43	-1.00	405.77	577.20	.00	342.85	234.34	
53	ALI010WC	10E5I03	09/15/2010	1:32 AM	9.13	10.05	14.39	-1.00	402.04	575.59	.00	346.91	228.59	
54	I096-02	10E5I03	09/15/2010	1:40 AM	9.08	1.21	9.78	-1.00	48.24	391.29	294.81	96.49	.00	
55	I096-03	10E5I03	09/15/2010	1:51 AM	8.17	.00	13.12	-1.00	.00	524.66	524.66	.00	.00	
56	I096-04	10E5I03	09/15/2010	2:00 AM	8.20	.00	11.82	-1.00	.00	472.73	472.73	.00	.00	
57	I096-05	10E5I03	09/15/2010	2:11 AM	8.20	.00	11.79	-1.00	.00	471.65	471.65	.00	.00	
58	I134-02	10E5I03	09/15/2010	2:20 AM	8.01	.00	12.19	-1.00	.00	487.56	487.56	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/15/10

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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I134-03	10E5I03	09/15/2010	2:30 AM	8.00	.00	12.24	-1.00	.00	469.70	469.70	.00	.00	
60	I134-04	10E5I03	09/15/2010	2:39 AM	8.13	.00	11.39	-1.00	.00	455.72	455.72	.00	.00	
61	I134-05	10E5I03	09/15/2010	2:48 AM	8.10	.00	11.16	-1.00	.00	447.14	447.14	.00	.00	
62	I134-06	10E5I03	09/15/2010	2:58 AM	8.41	.16	10.13	-1.00	6.28	405.05	392.49	12.56	.00	
63	I134-07	10E5I03	09/15/2010	3:08 AM	8.03	.00	11.56	-1.00	.00	463.12	463.12	.00	.00	
64	I134-08	10E5I03	09/15/2010	3:17 AM	8.07	.00	11.56	-1.00	.00	462.39	462.39	.00	.00	
65	I812-01	10E5I03	09/15/2010	3:24 AM	7.94	.00	4.60	-1.00	.00	184.19	184.19	.00	.00	
66	I812-02	10E5I03	09/15/2010	3:32 AM	8.11	.00	4.59	-1.00	.00	183.40	183.40	.00	.00	
67	I812-03	10E5I03	09/15/2010	3:41 AM	8.02	.00	4.63	-1.00	.00	185.03	185.03	.00	.00	
68	I091-01	10E5I03	09/15/2010	3:49 AM	7.79	.00	10.13	-1.00	.00	405.29	405.29	.00	.00	
69	I091-02	10E5I03	09/15/2010	4:00 AM	7.77	.00	15.44	-1.00	.00	617.63	617.63	.00	.00	
70	I091-02D	10E5I03	09/15/2010	4:10 AM	7.76	.00	15.49	-1.00	.00	619.54	619.54	.00	.00	
71	I091-03	10E5I03	09/15/2010	4:21 AM	7.05	.00	17.48	-1.00	.00	699.15	699.15	.00	.00	
72	I091-04	10E5I03	09/15/2010	4:37 AM	7.35	.00	33.20	-1.00	.00	1,327.87	1,327.87	.00	.00	
73	RINSE	10E5I03	09/15/2010	4:43 AM	6.21	.00	.06	.12	.00	.17	.17	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

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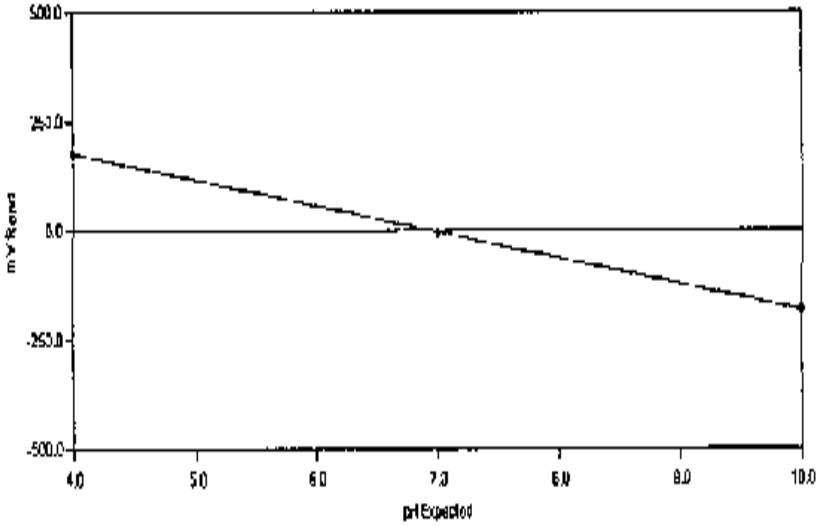
PC-TitratION PLUS
Calibration Report

Calibration Record # 211



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/14/2010	
Channel	1	Time	6:07 PM	
Probe Type	pH	Temperature	296.82 K	23.67 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.630	CorrCoeff	1.0000
Intercept	-3.497	Equation: Y = (-59.630) X + (-3.497)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.630	-65.00	-53.00
Intercept	-3.497	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	176.39
	7.00	-5.49
	10.00	-181.39

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PC-Titrate For Windows

Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PHB	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI008WB	6	.00	25.00
5	PH-ALK	ALI008WL	7	.00	25.00
6	PH-ALK	ALI008WC	8	.00	25.00
7	PH-ALK	I043-01	9	.00	25.00
8	PH-ALK	I043-02	10	.00	25.00
9	PH-ALK	I043-03	11	.00	25.00
10	PH-ALK	I043-04	12	.00	25.00
11	PH ALK	I043-05	13	.00	25.00
12	PH-ALK	I050-02	14	.00	25.00
13	PH-ALK	I050-04	15	.00	25.00
14	PH-ALK	I062-01	16	.00	25.00
15	PH-ALK	I062-02	17	.00	25.00
16	PH-ALK	I075-01	18	.00	25.00
17	PH-ALK	I075-02	19	.00	25.00
18	PH-ALK	I075-02D	20	.00	25.00
19	PH-ALK	I807-01	21	.00	25.00
20	PH-ALK	I807-02	22	.00	25.00
21	PH-ALK	I807-03	23	.00	25.00
22	PH-ALK	I148-01	24	.00	25.00
23	PH-ALK	I148-02	25	.00	25.00
24	PH-ALK	I148-03	26	.00	25.00
25	PH-ALK	I148-04	27	.00	25.00
26	PH-ALK	RINSE	28	.00	25.00
27	PH-ALK	ALI009WB	29	.00	25.00
28	PH-ALK	ALI009WL	30	.00	25.00
29	PH-ALK	ALI009WC	31	.00	25.00
30	PH-ALK	I116-01	32	.00	25.00
31	PH-ALK	I116-02	33	.00	25.00
32	PH-ALK	I116-03	34	.00	25.00
33	PH-ALK	I116-04	35	.00	25.00
34	PH-ALK	I116-05	36	.00	25.00
35	PH-ALK	I116-06	37	.00	25.00
36	PH-ALK	I116-07	38	.00	25.00
37	PH-ALK	I116-08	39	.00	25.00
38	PH-ALK	I116-09	40	.00	25.00
39	PH-ALK	I117-02	41	.00	25.00
40	PH-ALK	I117-03	42	.00	25.00

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Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I117-04	43	.00	25.00
42	PH-ALK	I117-05	44	.00	25.00
43	PH-ALK	I117-06	45	.00	25.00
44	PH-ALK	I117-07	46	.00	25.00
45	PH-ALK	I117-08	47	.00	25.00
46	PH-ALK	I117-09	48	.00	25.00
47	PH-ALK	I117-10	49	.00	25.00
48	PH-ALK	I117-11	50	.00	25.00
49	PH-ALK	I117-12	51	.00	25.00
50	PH-ALK	I117-12D	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00
52	PH-ALK	ALI010WB	54	.00	25.00
53	PH-ALK	ALI010WL	55	.00	25.00
54	PH-ALK	ALI010WC	56	.00	25.00
55	PH-ALK	I096-02	57	.00	25.00
56	PH-ALK	I096-03	58	.00	25.00
57	PH-ALK	I096-04	59	.00	25.00
58	PH-ALK	I096-05	60	.00	25.00
59	PH-ALK	I134-02	61	.00	25.00
60	PH-ALK	I134-03	62	.00	25.00
61	PH-ALK	I134-04	63	.00	25.00
62	PH-ALK	I134-05	64	.00	25.00
63	PH-ALK	I134-06	65	.00	25.00
64	PH-ALK	I134-07	66	.00	25.00
65	PH-ALK	I134-08	67	.00	25.00
66	PH-ALK	I812-01	68	.00	25.00
67	PH-ALK	I812-02	69	.00	25.00
68	PH-ALK	I812-03	70	.00	25.00
69	PH-ALK	I091-01	71	.00	25.00
70	PH-ALK	I091-02	72	.00	25.00
71	PH-ALK	I091-02D	73	.00	25.00
72	PH-ALK	I091-03	74	.00	25.00
73	PH-ALK	I091-04	75	.00	25.00
74	PH-ALK	RINSE	76	.00	25.00

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of four (4) water samples were received on 09/08/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI004WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 4C706560

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI004WB	ND	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00401	NA	TD1004W	NA	NA
LCS1W	TDI004WL	1020	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00402	NA	TD1004W	NA	NA
LCD1W	TDI004WC	995	1	NA	20.0	5.00	09/09/1015:26	NA	TD100403	NA	TD1004W	NA	NA
MW-70-PMW05A-A10	1091-01	732	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00404	NA	TD1004W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	1091-02	2330	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00405	NA	TD1004W	09/08/1009:38	09/08/10
IW-70-FSB108-A10	1091-03	1700	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00406	NA	TD1004W	09/08/1010:32	09/08/10
IW-70-FSB118-A10	1091-04	2420	1	NA	20.0	5.00	09/09/1015:26	NA	TDI00407	NA	TD1004W	09/08/1011:34	09/08/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10109'
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TD100409 TD100NL TD100NWC
LAB FILE ID: TD100401 TD100402 TD100403
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/09/1015:26 09/09/1015:26 09/09/1015:26 DATE RECEIVED: NA
PREP. BATCH: TD1004W TD1004W TD1004W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	1020	102	1000	995	100	2	80-120	20

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: 1P1B0A

SOP #	Rev. #
[x] EMAX-160.1	5
[ ] EMAX-160.2	3
[ ] EMAX-160.3	2
[ ] EMAX 2540B	1
[x] EMAX-2540C	4
[ ] EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-266	1000

Analyzed By: MMV

Date: 9/10/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES INC.

Instrument ID: 40706360 | Oven Temp IN (°C): 180 | Oven Temp OUT (°C): 180 | SOP: | EMAX150 Rev 3

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish Wt (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg (g)	Difference 2nd & 3rd Dry Wt. Rdg (g)
TD1004 01	T2004WB	100	B	70.3679	09-09-10	15:36	70.3679	09-10-10	12:50	70.3681	09-10-10	14:55	70.3683	09-10-10	14:56	[illegible]	0.0
TD1004 02	T2004WC	25	L	13.0797	09-09-10	15:27	13.08	09-10-10	12:52	13.0798	09-10-10	14:56	13.08	09-10-10	14:56	[illegible]	0.0
TD1004 03	T2004WC	25	C	13.2815	09-09-10	15:23	13.2813	09-10-10	12:52	13.2814	09-10-10	14:57	13.2814	09-10-10	14:57	[illegible]	0.0
TD1004 04	0091-C	50	1	70.3594	09-09-10	15:27	70.3598	09-10-10	12:53	70.346	09-10-10	14:58	70.346	09-10-10	14:58	[illegible]	0.0
TD1004 05	0091-C2	20	3	13.3775	09-09-10	15:28	13.2245	09-10-10	12:54	13.224	09-10-10	14:58	13.2241	09-10-10	14:59	[illegible]	0.1
TD1004 06	0091-20	20	3	13.2249	09-09-10	15:28	13.2556	09-10-10	12:54	13.2557	09-10-10	14:55	13.2559	09-10-10	14:55	[illegible]	0.0
TD1004 07	0091-04	20	4	13.2110	09-09-10	15:29	13.2595	09-10-10	12:54	13.2594	09-10-10	14:55	13.2594	09-10-10	14:55	[illegible]	0.0
TD1004 08	0091-21	20	5	13.2229	09-09-10	15:29	13.3137	09-10-10	12:55	13.3138	09-10-10	15:00	13.3138	09-10-10	15:00	[illegible]	0.1
TD1004 09	1000-020	20	6	13.0762	09-09-10	15:30	13.1581	09-10-10	12:55	13.1581	09-10-10	15:01	13.1582	09-10-10	15:00	[illegible]	0.0
TD1004 10	1000-02	20	7	13.2669	09-09-10	15:30	13.2953	09-10-10	12:56	13.2962	09-10-10	15:00	13.296	09-10-10	15:00	[illegible]	0.2
TD1004 11	1000-03	20	8	13.2513	09-09-10	15:31	13.2512	09-10-10	12:56	13.2514	09-10-10	15:01	13.2514	09-10-10	15:01	[illegible]	0.0
TD1004 12	1000-04	20	9	13.2136	09-09-10	15:31	13.2537	09-10-10	12:56	13.2537	09-10-10	15:01	13.2537	09-10-10	15:01	[illegible]	0.0
TD1004 13	1000-05	20	10	13.2612	09-09-10	15:32	13.2015	09-10-10	12:57	13.2019	09-10-10	15:01	13.2019	09-10-10	15:01	[illegible]	0.0
TD1004 14	1000-06	20	11	13.2156	09-09-10	15:32	13.3005	09-10-10	12:57	13.300	09-10-10	15:02	13.300	09-10-10	15:02	[illegible]	0.0
TD1004 15	1000-06D	20	12	13.2501	09-09-10	15:32	13.2835	09-10-10	12:57	13.2836	09-10-10	15:02	13.2836	09-10-10	15:02	[illegible]	0.0
TD1004 16	1066-01	20	13	13.3546	09-09-10	15:33	13.3475	09-10-10	12:58	13.3476	09-10-10	15:02	13.3476	09-10-10	15:03	[illegible]	0.0
TD1004 17	1066-02	12	14	13.1372	09-09-10	15:33	13.185	09-10-10	12:58	13.1882	09-10-10	15:03	13.1882	09-10-10	15:03	[illegible]	0.0
TD1004 18	1066-03	25	15	13.3662	09-09-10	15:34	13.4027	09-10-10	12:58	13.4022	09-10-10	15:04	13.4022	09-10-10	15:04	[illegible]	0.0
TD1004 19	1066-04	20	16	13.1554	09-09-10	15:34	13.1909	09-10-10	12:55	13.1909	09-10-10	15:04	13.1909	09-10-10	15:04	[illegible]	0.0
TD1004 20	1066-05	20	17	13.1453	09-09-10	15:34	13.1727	09-10-10	12:56	13.1719	09-10-10	15:04	13.1719	09-10-10	15:04	[illegible]	0.0
TD1004 21	1066-06	25	18	13.3273	09-09-10	15:35	13.3552	09-10-10	12:54	13.3586	09-10-10	15:05	13.3586	09-10-10	15:05	[illegible]	0.0
TD1004 22	2075-01	50	19	68.3892	09-09-10	15:35	69.4224	09-10-10	13:00	69.4236	09-10-10	16:44	69.4236	09-10-10	17:33	[illegible]	0.0
TD1004 23	2075-02	100	20	70.3573	09-09-10	15:36	70.3533	09-10-10	13:00	70.3624	09-10-10	16:45	70.3675	09-10-10	17:33	[illegible]	0.1
TD1004 24	2075-03-1	100	21	68.8435	09-09-10	15:36	68.951	09-10-10	13:00	68.951	09-10-10	16:45	68.9625	09-10-10	17:34	[illegible]	0.1

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09-09-10	15:21:49	PASSED
100	99.9942	09-09-10	15:13:09	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9996	09-10-10	15:21:55	PASSED
100	99.9945	09-10-10	15:17:11	PASSED

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	1.0000	09-10-10	15:18:46	PASSED
100	99.9931	09-10-10	15:13:14	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09-10-10	17:23:34	PASSED
100	99.9996	09-10-10	17:23:45	PASSED

LCS Low: 100 mg/L MDL: 1.5 mg/L RL: 10 mg/L

COMMENTS:

Initial Reading by MLM

Final Reading by MLM

Reviewed by: [illegible]

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI004 | Start Date/Time: 09/09/10 15:20 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/10/10 15:05 | Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI004 01	TDI004WB	100	70.3679	70.3683	0.4000	ND	
TDI004 02	TDI004WL	20	13.0597	13.08	20.3000	1020	102
TDI004 03	TDI004WC	20	13.2613	13.2814	19.9000	995	100
TDI004 04	1091-01	50	70.3094	70.346	36.6000	732	
TDI004 05	1091-02	20	13.1775	13.2241	46.6000	2330	
TDI004 06	1091-03	20	13.2249	13.2589	34.0000	1700	
TDI004 07	1091-04	20	13.211	13.2594	48.4000	2420	
TDI004 08	1099-02	20	13.2329	13.3139	81.0000	4050	
TDI004 09	1099-02D	20	13.0762	13.1582	82.0000	4100	
TDI004 10	1090-02	20	13.2669	13.296	29.1000	1450	
TDI004 11	1090-03	20	13.2182	13.2514	33.2000	1660	
TDI004 12	1090-04	20	13.2186	13.2537	35.1000	1760	
TDI004 13	1090-05	20	13.1627	13.2019	34.2000	1710	
TDI004 14	1090-06	20	13.2756	13.309	33.4000	1670	
TDI004 15	1090-06D	20	13.2502	13.2836	33.4000	1670	
TDI004 16	1066-01	20	13.2946	13.3476	93.0000	4650	
TDI004 17	1066-02	10	13.1472	13.1892	42.0000	4200	
TDI004 18	1066-03	20	13.3062	13.4022	96.0000	4800	
TDI004 19	1066-04	20	13.1534	13.1909	37.5000	1870	
TDI004 20	1066-05	20	13.1463	13.1719	25.6000	1280	
TDI004 21	1066-06	20	13.3273	13.3586	31.3000	1560	
TDI004 22	1075-01	50	69.3852	69.4235	38.3000	766	
TDI004 23	1075-02	100	70.2973	70.3625	65.2000	652	
TDI004 24	1075-02D	100	68.8845	68.9509	66.4000	664	

LCS Concentration: 1000 mg/L | MDL(mg/L): 5 | Initial Reading by: MJM

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: MJM

COMMENTS:

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/10/10 8:52	200.05	9/10/10 8:53	200.06	9/10/10 8:53	199.8	200.2	200g Check Passed
10203192	31116	100	100	9/10/10 8:52	100.04	9/10/10 8:53	100.02	9/10/10 8:54	99.9	100.1	100g Check Passed
10203192	31116	50	49.99	9/10/10 8:52	49.99	9/10/10 8:53	49.99	9/10/10 8:54	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/10/10 8:52	30.01	9/10/10 8:53	30.02	9/10/10 8:54	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/10/10 8:53	1	9/10/10 8:53	1	9/10/10 8:54	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/10/10 8:56	200	9/10/10 8:57	200	9/10/10 8:57	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/10/10 8:56	100	9/10/10 8:57	100.01	9/10/10 8:57	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/10/10 8:56	49.99	9/10/10 8:57	50	9/10/10 8:57	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/10/10 8:56	30	9/10/10 8:57	30	9/10/10 8:57	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/10/10 8:57	1	9/10/10 8:57	[illegible]	9/10/10 8:58	0.999	1.001	1g Check Passed
40706360	31116	150	149.9938	9/10/10 9:01	149.9938	9/10/10 9:02	149.9938	9/10/10 9:03	149.85	150.15	150g Check Passed
40706360	31116	100	99.9956	9/10/10 9:01	99.9956	9/10/10 9:02	99.9957	9/10/10 9:03	99.9	100.1	100g Check Passed
40706360	31116	50	49.998	9/10/10 9:01	49.9981	9/10/10 9:02	49.9952	9/10/10 9:04	49.95	50.05	50g Check Passed
40706360	31116	30	29.9986	9/10/10 9:01	29.9986	9/10/10 9:03	29.9968	9/10/10 9:04	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/10/10 9:02	0.9999	9/10/10 9:03	1	9/10/10 9:04	0.999	1.001	1g Check Passed
10601202	31116	200	200.001	9/10/10 9:06	200.003	9/10/10 9:07	199.995	9/10/10 9:08	199.8	200.2	200g Check Passed
10601202	31116	100	100.004	9/10/10 9:06	99.995	9/10/10 9:07	99.994	9/10/10 9:08	99.9	100.1	100g Check Passed
10601202	31116	50	50.005	9/10/10 9:06	49.997	9/10/10 9:07	49.999	9/10/10 9:08	49.95	50.05	50g Check Passed
10601202	31116	30	30.006	9/10/10 9:06	29.996	9/10/10 9:07	30.004	9/10/10 9:08	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/10/10 9:07	1.001	9/10/10 9:07	1	9/10/10 9:08	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-10-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.00 10=200.001)

Reviewed by: [illegible]

Date: 9/10/10

Acceptance Limit ± 0.1%

Bal. Checked by: CS

0078

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.07	9/9/10 8:42	200.06	9/9/10 8:43	200.05	9/9/10 8:44	199.8	200.2	200g Check Passed
10203192	31116	100	100.07	9/9/10 8:42	100	9/9/10 8:43	100.02	9/9/10 8:44	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/9/10 8:42	50.01	9/9/10 8:43	50.02	9/9/10 8:44	49.95	50.05	50g Check Passed
10203192	31116	30	30.02	9/9/10 8:42	29.99	9/9/10 8:43	29.97	9/9/10 8:44	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/9/10 8:43	1	9/9/10 8:44	1	9/9/10 8:45	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/9/10 8:52	199.99	9/9/10 8:52	199.99	9/9/10 8:53	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/9/10 8:52	100	9/9/10 8:52	100	9/9/10 8:53	99.9	100.1	100g Check Passed
10304418	31116	50	49.99	9/9/10 8:52	50	9/9/10 8:52	50	9/9/10 8:53	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/9/10 8:52	30.01	9/9/10 8:52	30.01	9/9/10 8:53	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/9/10 8:52	1	9/9/10 8:52	1	9/9/10 8:53	0.999	1.001	1g Check Passed
40706360	31116	150	149.9928	9/9/10 8:55	149.993	9/9/10 8:56	149.993	9/9/10 8:57	149.85	150.15	150g Check Passed
40706360	31116	100	99.9951	9/9/10 8:55	99.9951	9/9/10 8:56	99.9952	9/9/10 8:57	99.9	100.1	100g Check Passed
40706360	31116	50	49.9977	9/9/10 8:55	49.9979	9/9/10 8:56	49.9979	9/9/10 8:58	49.95	50.05	50g Check Passed
40705360	31116	30	29.9984	9/9/10 8:55	29.9986	9/9/10 8:56	29.9986	9/9/10 8:58	29.97	30.03	30g Check Passed
40705360	31116	1	0.9997	9/9/10 8:55	0.9998	9/9/10 8:57	1.0001	9/9/10 8:58	0.999	1.001	1g Check Passed
10601202	31116	200	199.995	9/9/10 9:02	199.992	9/9/10 9:03	199.993	9/9/10 9:04	199.8	200.2	200g Check Passed
10601202	31116	100	99.993	9/9/10 9:02	100	9/9/10 9:03	99.993	9/9/10 9:04	99.9	100.1	100g Check Passed
10601202	31116	50	49.995	9/9/10 9:02	49.992	9/9/10 9:03	49.998	9/9/10 9:04	49.95	50.05	50g Check Passed
10601202	31116	30	30.001	9/9/10 9:02	29.996	9/9/10 9:03	29.998	9/9/10 9:04	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/9/10 9:02	1	9/9/10 9:03	1.001	9/9/10 9:04	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50				CS 9-9-10			49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MMW

Date: 9/9/10

Acceptance Limit: ± 0.1%

Bal. Checked by: CS

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of two (2) water samples were received on 09/08/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70,
Batch No. : 01091

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HSI301WB	ND	1	NA	1.00	0.400	09/13/1016:12	NA	HSI00101	HSI00101	HSI001W	NA	NA
MW-70-PMWC5A-A10	1091-01	ND	1	NA	1.00	0.400	09/13/1017:16	NA	HSI00104	HSI00101	HSI001W	09/08/1009:00	09/08/10
MW-70-PMW059-A10	1091-02	8.29	1	NA	1.00	0.400	09/13/1018:42	NA	HSI00114	HSI00101	HSI001W	09/08/1009:38	09/08/10

0051

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HS1002

Comments:

SOP #	Rev. #
☐ EMAX-3/6.1	2
☐ EMAX-9034	0
☐ EMAX-4500-S2F	0

STANDARDS ID		CONC
LCS	SWR-01-268	5.95
Spike	NA	
$Na_2S_2O_3$ Standard	SWR1-01-263	0.025
Iodine	SWR1-01-234B	0.025
HCl	SWR-05-174	1:1
Indicator	SWR1-01-247	—

Analyzed By: CA

Date: 9/13/10

SM4500 S^{2-} H

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Analytical Batch: HSI001

Method SM4500-S2-H

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HSI0011	HSI001WB	ND	mg/L	9/13/10 16:12				ND	mg/L	
HSI0012	HSI001WL	5.4	mg/L	9/13/10 16:25				#VALUE!	mg/L	
HSI0013	HSI001WC	5.04	mg/L	9/13/10 16:38				#VALUE!	mg/L	
HSI0014	1091-01	0.44	mg/L	9/13/10 17:16	25	3.08	1165	0.18	mg/L	
HSI0015	1091-02	23.4	mg/L	9/13/10 17:26	24.9	7.2	3420	7.70	mg/l	
HSI0016	1101-01	ND	mg/L	9/13/10 17:32	25	8.66	344	ND	mg/L	
HSI0017	1101-01D	ND	mg/L	9/13/10 17:45	25	8.64	331	ND	mg/L	
HSI0018	1101-02	ND	mg/L	9/13/10 17:57	25	8.66	342	ND	mg/L	
HSI0019	1101-03	ND	mg/L	9/13/10 18:03	25	8.26	358	ND	mg/L	
HSI00110	1148-01	ND	mg/L	9/13/10 18:13	24.9	7.14	42600	ND	mg/L	
HSI00111	1148-02	0.6	mg/L	9/13/10 18:20	24.9	7.41	6020	0.14	mg/L	
HSI00112	1148-03	ND	mg/L	9/13/10 18:35	25	7.53	7100	ND	mg/l	
HSI00113	1148-04	ND	mg/L	9/13/10 18:36	24.9	7.48	12160	ND	mg/l	
HSI00114	1091-02	25	mg/L	9/13/10 18:42	24.9	7.2	3420	8.29	mg/l	

CR
9/13/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m} \quad H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: CR

Reviewed by: CR

Date: 9/13/10

Where: T(°K) = T°C+272.15 pK1=dissociation constant for zero ionic strength A= Debye-Huckel Parameter I = Ionic Strength pfm=negative logarithm of the monovalent ion activity coefficient K'1=conditional ionization constant H+ = Hydrogen ion concentration ST=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I091

METHOD SM5310B
TOC

A total of four (4) water samples were received on 09/08/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCI004WL/C were all within QC limits.
Percent recoveries for TCI005WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SM5310B
TOC

Client : INSIGHT EEG, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101091

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1005WB	ND	1	NA	1.00	0.500	09/14/1019:26	NA	TC1003-05	TC1003-02	TC1005W	NA	NA
LCS1W	TC1005WL	25.0	1	NA	1.00	0.500	09/14/1019:39	NA	TC1003-06	TC1003-02	TC1005W	NA	NA
LCD1W	TC1005WC	25.1	1	NA	1.00	0.500	09/14/1019:52	NA	TC1003-07	TC1003-02	TC1005W	NA	NA
IW-70-FSB108-A10	1091-03T	106	5	NA	5.00	2.50	09/14/1021:42	NA	TC1003-16	TC1003-14	TC1005W	09/08/1010:32	09/08/10
LCS2W	TC1004WL	24.9	1	NA	1.00	0.500	09/10/1023:25	NA	TC1002-35	TC1002-26	TC1004W	NA	NA
LCD2W	TC1004WC	24.8	1	NA	1.00	0.500	09/10/1023:37	NA	TC1002-36	TC1002-26	TC1004W	NA	NA
MBLK2W	TC1304WB	ND	1	NA	1.00	0.500	09/10/1023:52	NA	TC1002-37	TC1002-26	TC1004W	NA	NA
MW-70-PMW05A-A10	1091-01	2.23	1	NA	1.00	0.500	09/11/1003:43	NA	TC1002-57	TC1002-50	TC1004W	09/08/1009:00	09/08/10
MW-70-PMW05B-A10	1091-02	4.47	1	NA	1.00	0.500	09/11/1003:54	NA	TC1002-58	TC1002-50	TC1004W	09/08/1039:38	09/08/10
IW-70-FSB118-A10	1091-04	14.0	1	NA	1.00	0.500	09/11/1004:21	NA	TC1002-60	TC1002-50	TC1004W	09/08/1011:34	09/08/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101091
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: TC1004WB TC1004WC TC1004WC
LAB FILE ID: TC1002-37 TC1002-35 TC1002-36
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1023:52 09/10/1023:25 09/10/1023:37 DATE RECEIVED: NA
PREP. BATCH: TC1004W TC1004W TC1004W
CALIB. REF: TC1002-26 TC1002-26 TC1002-26

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.9	100	25.0	24.8	99	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101C91
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1005WB TC1005WL TC1005WC
LAB FILE ID: TC1003-05 TC1003-06 TC1003-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/1019:26 09/14/1019:39 09/14/1019:52 DATE RECEIVED: NA
PREP. BATCH: TC1005W TC1005W TC1005W
CALIB. REF: TC1303-02 TC1003-02 TC1003-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.0	100	25.0	25.1	100	0	85-115	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/10/10 15:38

end (date & time) 9/11/10 4:47

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI002
Method File:	TCI002
Analytical Batch:	TCI003W/TCI004W

TCI003W/TCI004W

104344-08

104337-03

103019-01

104661-01,02,08

103053-01,03

103043-01→05

103032-01

103066-01→06

103062-01,02

103029-01→08

103015-01,02

103051-01→04

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW108-03-324	25
CCV	SW108-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: dm

Date: 9/10/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI002-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI002-02	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
3	Unknown	NPOC	ICB	TCI002-03	0A-123456	C:\Pro	1.000	NPOC:0.1316 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI002-04	0A-123456	C:\Pro	1.000	NPOC:0.2614 mg/L	
5	Unknown	NPOC	TCI003WB	TCI002-05	0A-123456	C:\Pro	1.000	NPOC:0.1125 mg/L	
6	Unknown	NPOC	TCI003WL	TCI002-06	0A-123456	C:\Pro	1.000	NPOC:24.82 mg/L	
7	Unknown	NPOC	TCI003WC	TCI002-07	0A-123456	C:\Pro	1.000	NPOC:24.75 mg/L	
8	Unknown	NPOC	10H344-08T	TCI002-08	0A-123456	C:\Pro	2.000	NPOC:9.377 mg/L	PH<2 DF=2
9	Unknown	NPOC	10H337-03T	TCI002-09	0A-123456	C:\Pro	10.00	NPOC:347.3 mg/L	DF=10
10	Unknown	NPOC	10I019-01T	TCI002-10	0A-123456	C:\Pro	20.00	NPOC:468.0 mg/L	DF=20
11	Unknown	NPOC	10H661-01T	TCI002-11	0A-123456	C:\Pro	10.00	NPOC:176.8 mg/L	DF=10
12	Unknown	NPOC	10H661-02T	TCI002-12	0A-123456	C:\Pro	10.00	NPOC:193.7 mg/L	DF=10
13	Unknown	NPOC	10H661-08T	TCI002-13	0A-123456	C:\Pro	40.00	NPOC:2083 mg/L	DF=40
14	Control	NPOC	CCV1	TCI002-14	0A-123456	C:\Pro	1.000	NPOC:25.15 mg/L	
15	Unknown	NPOC	CCB1	TCI002-15	0A-123456	C:\Pro	1.000	NPOC:0.1189 mg/L	
16	Unknown	NPOC	10I053-01	TCI002-16	0A-123456	C:\Pro	1.000	NPOC:1.603 mg/L	PH<2
17	Unknown	NPOC	10I053-01D	TCI002-17	0A-123456	C:\Pro	1.000	NPOC:~~0.341 mg/L~~	1.55 mg/L
18	Unknown	NPOC	10I053-01M	TCI002-18	0A-123456	C:\Pro	1.000	NPOC:26.67 mg/L	
19	Unknown	NPOC	10I053-01S	TCI002-19	0A-123456	C:\Pro	1.000	NPOC:27.16 mg/L	
20	Unknown	NPOC	10I053-03	TCI002-20	0A-123456	C:\Pro	1.000	NPOC:1.389 mg/L	PH<2
21	Unknown	NPOC	10I043-01	TCI002-21	0A-123456	C:\Pro	1.000	NPOC:20.55 mg/L	PH<2
22	Unknown	NPOC	10I043-02	TCI002-22	0A-123456	C:\Pro	1.000	NPOC:15.61 mg/L	PH<2
23	Unknown	NPOC	10I043-03	TCI002-23	0A-123456	C:\Pro	1.000	NPOC:1.026 mg/L	PH<2
24	Unknown	NPOC	10I043-04	TCI002-24	0A-123456	C:\Pro	1.000	NPOC:0.9344 mg/L	PH<2
25	Unknown	NPOC	10I043-05	TCI002-25	0A-123456	C:\Pro	1.000	NPOC:1.098 mg/L	PH<2
26	Control	NPOC	CCV2	TCI002-26	0A-123456	C:\Pro	1.000	NPOC:25.36 mg/L	
27	Unknown	NPOC	CCB2	TCI002-27	0A-123456	C:\Pro	1.000	NPOC:0.05246 mg/L	
28	Unknown	NPOC	10I032-01	TCI002-28	0A-123456	C:\Pro	1.000	NPOC:1.713 mg/L	PH<2
29	Unknown	NPOC	10I066-01	TCI002-29	0A-123456	C:\Pro	4.000	NPOC:932.2 mg/L	PH<2 DF=4
30	Unknown	NPOC	10I066-02	TCI002-30	0A-123456	C:\Pro	4.000	NPOC:929.6 mg/L	PH<2 DF=4
31	Unknown	NPOC	10I066-03	TCI002-31	0A-123456	C:\Pro	1.000	NPOC:67.50 mg/L	PH<2
32	Unknown	NPOC	10I066-04	TCI002-32	0A-123456	C:\Pro	1.000	NPOC:1.215 mg/L	PH<2
33	Unknown	NPOC	10I066-05	TCI002-33	0A-123456	C:\Pro	1.000	NPOC:0.7522 mg/L	PH<2
34	Unknown	NPOC	10I066-06	TCI002-34	0A-123456	C:\Pro	1.000	NPOC:15.17 mg/L	PH<2
35	Unknown	NPOC	TCI004WL	TCI002-35	0A-123456	C:\Pro	1.000	NPOC:24.90 mg/L	
36	Unknown	NPOC	TCI004WC	TCI002-36	0A-123456	C:\Pro	1.000	NPOC:24.85 mg/L	
37	Unknown	NPOC	TCI004WB	TCI002-37	0A-123456	C:\Pro	1.000	NPOC:0.000 mg/L	
38	Control	NPOC	CCV3	TCI002-38	0A-123456	C:\Pro	1.000	NPOC:25.23 mg/L	
39	Unknown	NPOC	CCB3	TCI002-39	0A-123456	C:\Pro	1.000	NPOC:0.09060 mg/L	
40	Unknown	NPOC	10I062-01	TCI002-40	0A-123456	C:\Pro	1.000	NPOC:3.056 mg/L	PH<2
41	Unknown	NPOC	10I062-02	TCI002-41	0A-123456	C:\Pro	1.000	NPOC:3.984 mg/L	PH<2
42	Unknown	NPOC	10I029-01	TCI002-42	0A-123456	C:\Pro	1.000	NPOC:~~0.7145 mg/L~~	PH<2
43	Unknown	NPOC	10I029-02	TCI002-43	0A-123456	C:\Pro	1.000	NPOC:~~0.6064 mg/L~~	PH<2
44	Unknown	NPOC	10I029-03	TCI002-44	0A-123456	C:\Pro	1.000	NPOC:~~0.6324 mg/L~~	PH<2
45	Unknown	NPOC	10I029-04	TCI002-45	0A-123456	C:\Pro	1.000	NPOC:1.937 mg/L	PH<2
46	Unknown	NPOC	10I029-05	TCI002-46	0A-123456	C:\Pro	1.000	NPOC:1.387 mg/L	PH<2
47	Unknown	NPOC	10I029-06	TCI002-47	0A-123456	C:\Pro	1.000	NPOC:1.168 mg/L	PH<2
48	Unknown	NPOC	10I029-07	TCI002-48	0A-123456	C:\Pro	1.000	NPOC:2.342 mg/L	PH<2
49	Unknown	NPOC	10I029-08	TCI002-49	0A-123456	C:\Pro	1.000	NPOC:4.512 mg/L	PH<2
50	Control	NPOC	CCV4	TCI002-50	0A-123456	C:\Pro	1.000	NPOC:24.98 mg/L	
51	Unknown	NPOC	CCB4	TCI002-51	0A-123456	C:\Pro	1.000	NPOC:0.08001 mg/L	
52	Unknown	NPOC	10I075-01	TCI002-52	0A-123456	C:\Pro	1.000	NPOC:1.360 mg/L	PH<2
53	Unknown	NPOC	10I075-02	TCI002-53	0A-123456	C:\Pro	1.000	NPOC:0.8432 mg/L	PH<2
54	Unknown	NPOC	10I075-02D	TCI002-54	0A-123456	C:\Pro	1.000	NPOC:1.928 mg/L	
55	Unknown	NPOC	10I075-02M	TCI002-55	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
56	Unknown	NPOC	10I075-02S	TCI002-56	0A-123456	C:\Pro	1.000	NPOC:25.65 mg/L	
57	Unknown	NPOC	10I091-01	TCI002-57	0A-123456	C:\Pro	1.000	NPOC:2.228 mg/L	PH<2
58	Unknown	NPOC	10I091-02	TCI002-58	0A-123456	C:\Pro	1.000	NPOC:4.467 mg/L	PH<2
59	Unknown	NPOC	10I091-03	TCI002-59	0A-123456	C:\Pro	1.000	NPOC:119.3 mg/L	PH<2
60	Unknown	NPOC	10I091-04	TCI002-60	0A-123456	C:\Pro	1.000	NPOC:14.01 mg/L	PH<2
61	Control	NPOC	CCV5	TCI002-61	0A-123456	C:\Pro	1.000	NPOC:25.14 mg/L	
62	Unknown	NPOC	CCB5	TCI002-62	0A-123456	C:\Pro	1.000	NPOC:0.07807 mg/L	
63									
64									FINAL
65							AM	9/13/10	
66									
67									

Main Information

System	loc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

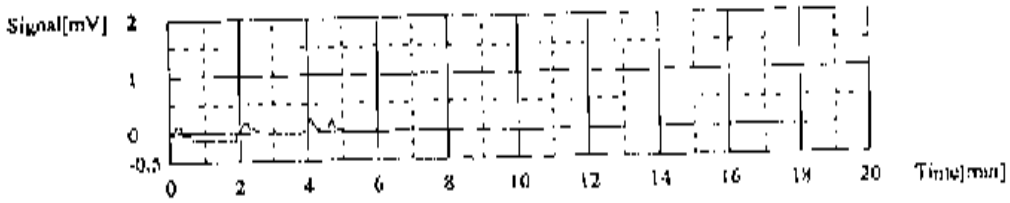
Sample Name:	ICAL
Sample ID:	TCI002-01
Cal. Curve:	TCI002.2010 09 10, 15,30_25.cal

Type	Anal.
Standard	NPOC

Conc. 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex	Date / Time
1	0.000	50uL	1	******		09/10/10 03:38:37 PM
2	0.000	50uL	1	******		09/10/10 03:40:43 PM
3	0.2240	50uL	1	******		09/10/10 03:41:30 PM
4	0.000	50uL	1	******		09/10/10 03:43:36 PM

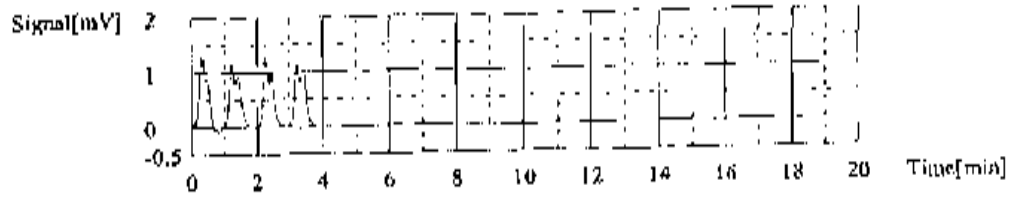
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.05600



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.353	50uL	10	******		09/10/10 03:51:42 PM
2	2.308	50uL	10	******		09/10/10 03:52:57 PM
3	2.378	50uL	10	******		09/10/10 03:54:06 PM
4	2.370	50uL	10	******		09/10/10 03:55:17 PM

Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.339

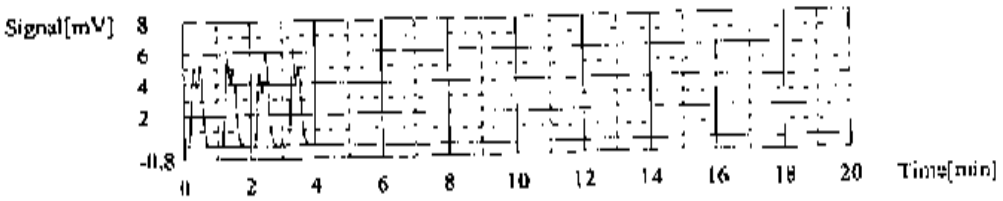


Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.62	50uL	2	******		09/10/10 04:01:34 PM
2	10.45	50uL	2	******		09/10/10 04:02:44 PM
3	11.03	50uL	2	******		09/10/10 04:03:59 PM
4	10.90	50uL	2	******		09/10/10 04:05:07 PM

2090

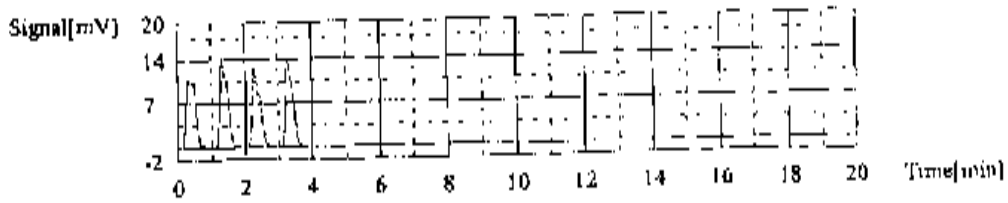
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.85



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.06	50uL	1	------		09/10/10 04:10:41 PM
2	21.57	50uL	1	------		09/10/10 04:11:50 PM
3	21.37	50uL	1	------		09/10/10 04:13:03 PM
4	21.45	50uL	1	------		09/10/10 04:14:11 PM

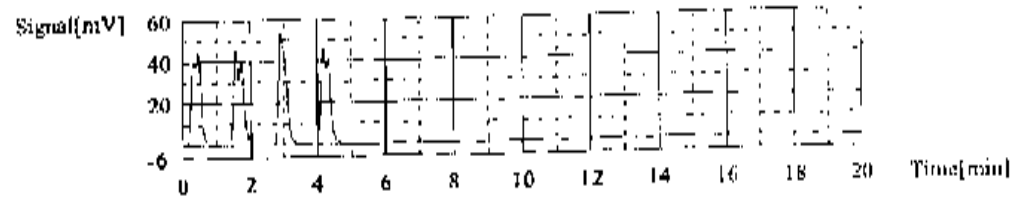
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.36



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	84.53	50uL	2	------		09/10/10 04:22:38 PM
2	84.83	50uL	2	------		09/10/10 04:24:11 PM
3	85.83	50uL	2	------		09/10/10 04:25:38 PM
4	85.03	50uL	2	------		09/10/10 04:27:07 PM

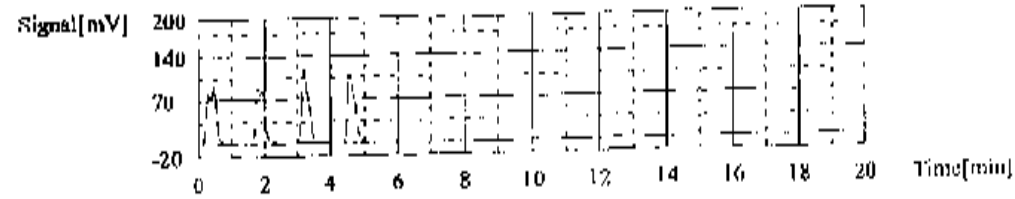
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 85.06



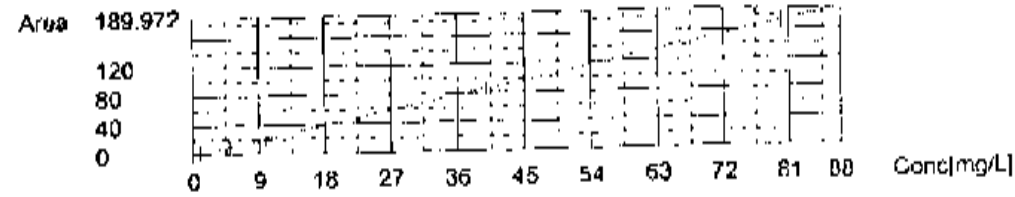
Conc. 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	172.2	50uL	1	------		09/10/10 04:33:09 PM
2	173.1	50uL	1	------		09/10/10 04:34:46 PM
3	174.2	50uL	1	------		09/10/10 04:36:20 PM
4	173.1	50uL	1	------		09/10/10 04:37:55 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 173.2



Slope 2.159
Intercept 0.000
r^2 0.999920



Control Sample

Sample Name: ICV
Sample ID: TCI002.02
Method: TCI002.tpl
Chk. Result: Control value: 24.82 / Control exceeds range!

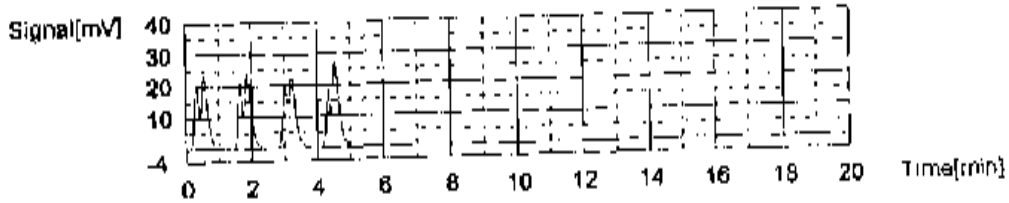
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.82 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.41	24.74mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:46:00 PM
2	53.65	24.94mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:47:34 PM
3	53.62	24.84mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:49:06 PM
4	53.44	24.75mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:50:37 PM

Mean Area: 53.56
Mean Conc: 24.82mg/L



Sample

Sample Name: ICB
Sample ID: TCI002.03
Origin: TCI002.cal
Chk. Result

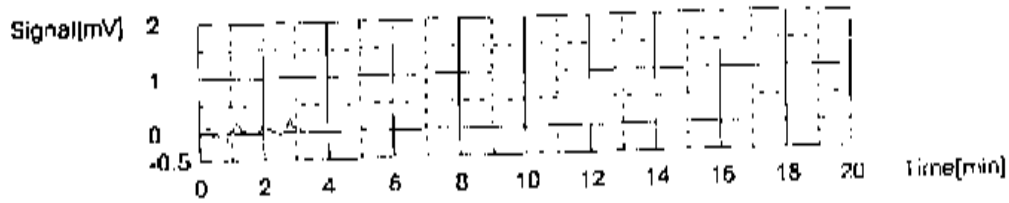
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1316 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.2508	0.1202mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:58:00 PM
2	0.2631	0.1219mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 04:59:02 PM
3	0.2593	0.1201mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:00:04 PM
4	0.3541	0.1640mg/L	50uL	1		TCI002.2010_09_10_15_30_25.cal	09/10/10 05:01:05 PM

Mean Area: 0.2840
Mean Conc.: 0.1316mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/14/10 17:41

end (date & time) 9/15/10 04:44

TCI035W / TCI006W:

10I075-02

10I066-01,02

10I071-03

10I436-01

10I118-01→07, 09

10I097-09,11,12,14

10I148-01→09

10I134-01

10I128-01,03,05,07,09,11,13,15,19

10I147-02→10

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI003
Method File:	TCI003
Analytical Batch:	TCI005W/TCI006W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nano pure	0
S1	SW103-03-321	1
S2	↓	5
S3	↓	10
S4	↓	40
S5	↓	80
S6	—	—
ICV/LCS	SW103-03-326	25
CCV	SW103-03-325	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: Am

Date: 9/14/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI003-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI003-02	0A-123456	C:\Pro	1.000	NPOC:25.04 mg/L	
3	Unknown	NPOC	ICB	TCI003-03	0A-123456	C:\Pro	1.000	NPOC:0.08318 mg/	
4	Unknown	NPOC	HCO3/CO3	TCI003-04	0A-123456	C:\Pro	1.000	NPOC:0.3205 mg/L	
5	Unknown	NPOC	TCI005WB	TCI003-05	0A-123456	C:\Pro	1.000	NPOC:0.05330 mg/	
6	Unknown	NPOC	TCI005WL	TCI003-06	0A-123456	C:\Pro	1.000	NPOC:25.05 mg/L	
7	Unknown	NPOC	TCI005WC	TCI003-07	0A-123456	C:\Pro	1.000	NPOC:25.11 mg/L	
8	Unknown	NPOC	10I075-02R	TCI003-08	0A-123456	C:\Pro	1.000	NPOC:1.041 mg/L	
9	Unknown	NPOC	10I075-02Z	TCI003-09	0A-123456	C:\Pro	1.000	NPOC:0.9151 mg/L	
10	Unknown	NPOC	10I075-02G	TCI003-10	0A-123456	C:\Pro	1.000	NPOC:26.06 mg/L	
11	Unknown	NPOC	10I075-02H	TCI003-11	0A-123456	C:\Pro	1.000	NPOC:26.11 mg/L	
12	Unknown	NPOC	10I066-01T	TCI003-12	0A-123456	C:\Pro	10.00	NPOC:897.6 mg/L	DF=10
13	Unknown	NPOC	10I066-02T	TCI003-13	0A-123456	C:\Pro	10.00	NPOC:896.8 mg/L	DF=10
14	Control	NPOC	CCV1	TCI003-14	0A-123456	C:\Pro	1.000	NPOC:25.46 mg/L	
15	Unknown	NPOC	CCB1	TCI003-15	0A-123456	C:\Pro	1.000	NPOC:0.1378 mg/L	
16	Unknown	NPOC	10I091-03T	TCI003-16	0A-123456	C:\Pro	5.000	NPOC:105.9 mg/L	DF=5
17	Unknown	NPOC	10I436-01	TCI003-17	0A-123456	C:\Pro	1.000	NPOC:24.04 mg/L	PH<2
18	Unknown	NPOC	10I118-01	TCI003-18	0A-123456	C:\Pro	1.000	NPOC:0.6647 mg/L	PH<2
19	Unknown	NPOC	10I118-02	TCI003-19	0A-123456	C:\Pro	1.000	NPOC:0.9783 mg/L	PH<2
20	Unknown	NPOC	10I118-03	TCI003-20	0A-123456	C:\Pro	1.000	NPOC:13.45 mg/L	PH<2
21	Unknown	NPOC	10I118-04	TCI003-21	0A-123456	C:\Pro	1.000	NPOC:1.469 mg/L	PH<2
22	Unknown	NPOC	10I118-05	TCI003-22	0A-123456	C:\Pro	1.000	NPOC:1.105 mg/L	PH<2
23	Unknown	NPOC	10I118-06	TCI003-23	0A-123456	C:\Pro	1.000	NPOC:1.582 mg/L	PH<2
24	Unknown	NPOC	10I118-07	TCI003-24	0A-123456	C:\Pro	1.000	NPOC:~~1.977~~ mg/L	PH<2
25	Unknown	NPOC	10I118-09	TCI003-25	0A-123456	C:\Pro	1.000	NPOC:8.521 mg/L	PH<2
26	Control	NPOC	CCV2	TCI003-26	0A-123456	C:\Pro	1.000	NPOC:25.08 mg/L	
27	Unknown	NPOC	CCB2	TCI003-27	0A-123456	C:\Pro	1.000	NPOC:0.09560 mg/	
28	Unknown	NPOC	10I097-09	TCI003-28	0A-123456	C:\Pro	1.000	NPOC:31.65 mg/L	PH<2
29	Unknown	NPOC	10I097-11	TCI003-29	0A-123456	C:\Pro	1.000	NPOC:68.47 mg/L	PH<2
30	Unknown	NPOC	10I097-12	TCI003-30	0A-123456	C:\Pro	1.000	NPOC:23.72 mg/L	PH<2
31	Unknown	NPOC	10I097-14	TCI003-31	0A-123456	C:\Pro	1.000	NPOC:6.935 mg/L	PH<2
32	Unknown	NPOC	10I148-01	TCI003-32	0A-123456	C:\Pro	1.000	NPOC:~~1.471~~ mg/L	PH<2
33	Unknown	NPOC	10I148-02	TCI003-33	0A-123456	C:\Pro	1.000	NPOC:~~2.166~~ mg/L	PH<2
34	Unknown	NPOC	10I148-03	TCI003-34	0A-123456	C:\Pro	1.000	NPOC:2.382 mg/L	PH<2
35	Unknown	NPOC	TCI006WL	TCI003-35	0A-123456	C:\Pro	1.000	NPOC:25.69 mg/L	
36	Unknown	NPOC	TCI006WC	TCI003-36	0A-123456	C:\Pro	1.000	NPOC:25.35 mg/L	
37	Unknown	NPOC	TCI006WB	TCI003-37	0A-123456	C:\Pro	1.000	NPOC:0.2563 mg/L	
38	Control	NPOC	CCV3	TCI003-38	0A-123456	C:\Pro	1.000	NPOC:25.22 mg/L	
39	Unknown	NPOC	CCB3	TCI003-39	0A-123456	C:\Pro	1.000	NPOC:0.04009 mg/	
40	Unknown	NPOC	10I148-04	TCI003-40	0A-123456	C:\Pro	1.000	NPOC:~~1.519~~ mg/L	PH<2
41	Unknown	NPOC	10I734-01	TCI003-41	0A-123456	C:\Pro	1.000	NPOC:23.30 mg/L	PH<2
42	Unknown	NPOC	10I128-01	TCI003-42	0A-123456	C:\Pro	1.000	NPOC:38.92 mg/L	PH<2
43	Unknown	NPOC	10I128-01M	TCI003-43	0A-123456	C:\Pro	1.000	NPOC:58.32 mg/L	
44	Unknown	NPOC	10I128-01S	TCI003-44	0A-123456	C:\Pro	1.000	NPOC:62.73 mg/L	
45	Unknown	NPOC	10I128-03	TCI003-45	0A-123456	C:\Pro	1.000	NPOC:32.00 mg/L	PH<2
46	Unknown	NPOC	10I128-05	TCI003-46	0A-123456	C:\Pro	1.000	NPOC:79.80 mg/L	PH<2
47	Unknown	NPOC	10I128-07	TCI003-47	0A-123456	C:\Pro	1.000	NPOC:53.76 mg/L	PH<2
48	Unknown	NPOC	10I128-09	TCI003-48	0A-123456	C:\Pro	1.000	NPOC:40.42 mg/L	PH<2
49	Unknown	NPOC	10I128-11	TCI003-49	0A-123456	C:\Pro	1.000	NPOC:26.43 mg/L	PH<2
50	Control	NPOC	CCV4	TCI003-50	0A-123456	C:\Pro	1.000	NPOC:26.49 mg/L	
51	Unknown	NPOC	CCB4	TCI003-51	0A-123456	C:\Pro	1.000	NPOC:0.2658 mg/L	
52	Unknown	NPOC	10I128-13	TCI003-52	0A-123456	C:\Pro	1.000	NPOC:44.86 mg/L	PH<2
53	Unknown	NPOC	10I128-15	TCI003-53	0A-123456	C:\Pro	1.000	NPOC:62.20 mg/L	PH<2
54	Unknown	NPOC	10I128-19	TCI003-54	0A-123456	C:\Pro	1.000	NPOC:46.43 mg/L	PH<2
55	Unknown	NPOC	10I147-02	TCI003-55	0A-123456	C:\Pro	1.000	NPOC:62.78 mg/L	PH<2
56	Unknown	NPOC	10I147-03	TCI003-56	0A-123456	C:\Pro	1.000	NPOC:27.59 mg/L	PH<2
57	Unknown	NPOC	10I147-04	TCI003-57	0A-123456	C:\Pro	1.000	NPOC:29.52 mg/L	PH<2
58	Unknown	NPOC	10I147-05	TCI003-58	0A-123456	C:\Pro	1.000	NPOC:49.46 mg/L	PH<2
59	Unknown	NPOC	10I147-07	TCI003-59	0A-123456	C:\Pro	1.000	NPOC:17.48 mg/L	PH<2
60	Unknown	NPOC	10I147-07D	TCI003-60	0A-123456	C:\Pro	1.000	NPOC:24.24 mg/L	
61	Unknown	NPOC	10I147-07M	TCI003-61	0A-123456	C:\Pro	1.000	NPOC:50.78 mg/L	
62	Control	NPOC	CCV5	TCI003-62	0A-123456	C:\Pro	1.000	NPOC:25.82 mg/L	
63	Unknown	NPOC	CCB5	TCI003-63	0A-123456	C:\Pro	1.000	NPOC:0.2552 mg/L	
64	Unknown	NPOC	10I147-06	TCI003-64	0A-123456	C:\Pro	1.000	NPOC:34.60 mg/L	PH<2
65	Unknown	NPOC	10I147-08	TCI003-65	0A-123456	C:\Pro	1.000	NPOC:11.28 mg/L	PH<2
66	Unknown	NPOC	10I147-09	TCI003-66	0A-123456	C:\Pro	1.000	NPOC:103.3 mg/L	PH<2
67	Unknown	NPOC	10I147-10	TCI003-67	0A-123456	C:\Pro	1.000	NPOC:106.8 mg/L	PH<2

1/3

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
68	Control	NPOC	CCV6	TCI003-68	OA-123456	C:\Pro	1.000	NPOC:26.41 mg/L	
69	Unknown	NPOC	CCB6	TCI003-69	OA-123456	C:\Pro	1.000	NPOC:0.3055 mg/L	
70									
71									
72									
73									
74									
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Jm 9/15/10

Instr.Information

System	Inc
Detector	Combustion
Catalyst	Regular Sensitivity
Coil Length	long

Cal. Curve

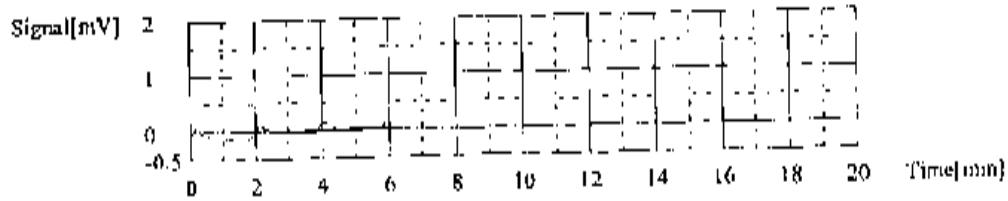
Sample Name:	ICAL
Sample ID:	TC1003-01
Cal. Curve:	TC1003.2010_09_14.17_32 54.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	------		09/14/10 05:41:05 PM
2	0.000	50uL	1	------		09/14/10 05:43:11 PM
3	0.000	50uL	1	------		09/14/10 05:45:17 PM
4	0.000	50uL	1	------		09/14/10 05:47:23 PM

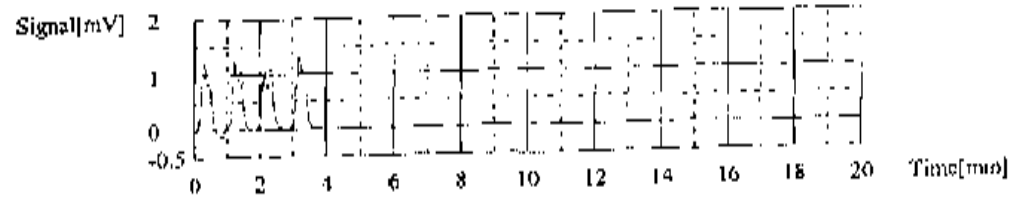
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.000



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.119	50uL	10	------		09/14/10 05:55:31 PM
2	2.275	50uL	10	------		09/14/10 05:56:37 PM
3	2.272	50uL	10	------		09/14/10 05:57:51 PM
4	2.347	50uL	10	------		09/14/10 05:59:03 PM

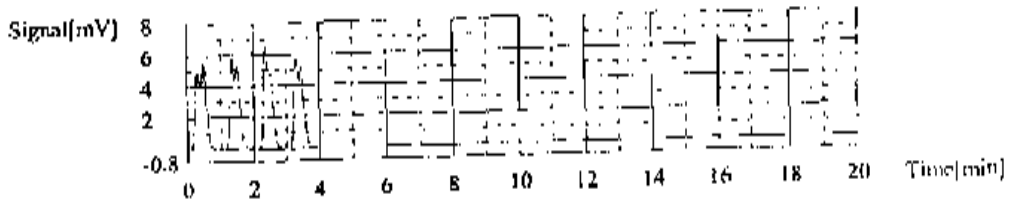
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.292



Conc: 5.000mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	10.62	50uL	2	------		09/14/10 06:05:21 PM
2	10.76	50uL	2	------		09/14/10 06:06:34 PM
3	10.90	50uL	2	------		09/14/10 06:07:42 PM
4	10.77	50uL	2	------		09/14/10 06:08:52 PM

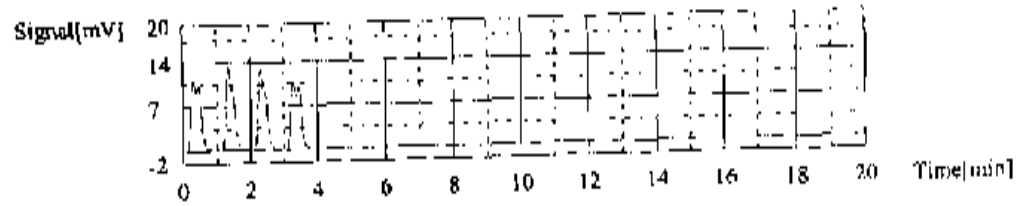
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.76



Conc: 10.00mg/L

No.	Area	Inj. Vol	Aut. Dil	Rem.	Ex.	Date / Time
1	21.02	50uL	1			09/14/10 06:14:24 PM
2	21.49	50uL	1			09/14/10 06:15:38 PM
3	21.33	50uL	1			09/14/10 06:16:49 PM
4	21.41	50uL	1			09/14/10 06:18:02 PM

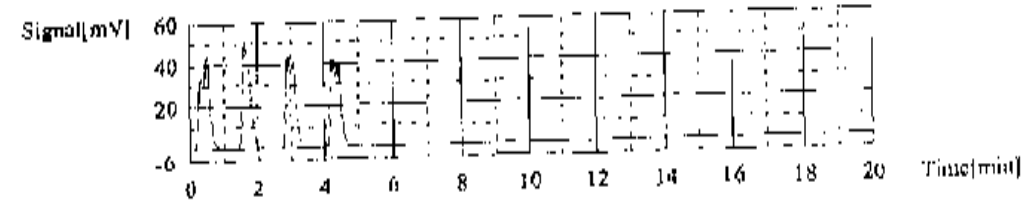
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.31



Conc. 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.53	50uL	2			09/14/10 06:26:31 PM
2	85.07	50uL	2			09/14/10 06:28:02 PM
3	84.97	50uL	2			09/14/10 06:29:35 PM
4	84.63	50uL	2			09/14/10 06:31:07 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 84.56

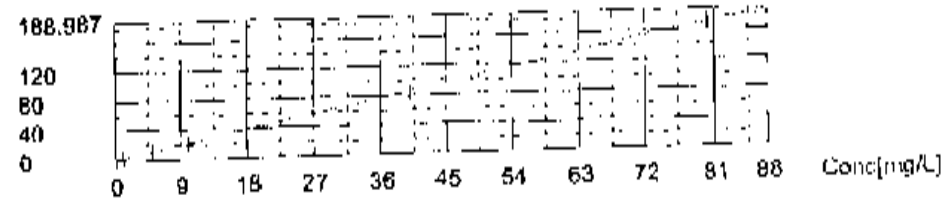


Conc: 80.00mg/L

No.	Area	Inj. Vol	Aut. Dil	Rem.	Ex.	Date / Time
1	171.9	50uL	1			09/14/10 06:37:19 PM
2	172.7	50uL	1			09/14/10 06:38:58 PM
3	174.0	50uL	1			09/14/10 06:40:37 PM
4	170.5	50uL	1			09/14/10 06:42:19 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 172.2

Slope. 2.148
Intercept 0.000
r^2 0.999919



Control Sample

Sample Name: ICV
Sample ID: TC003-02
Method: TC003.tpl
Chk. Result: Control value: 25.04 / Control exceeds range!

Type	Anal	Dil.	Result
Control	NPOC	1.000	NPOC:25.04 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	53.49	24.91mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 06:50:25 PM
2	53.90	25.10mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 06:52:00 PM
3	54.05	25.17mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 06:53:46 PM
4	53.63	24.97mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 06:55:23 PM

Mean Area: 53.77
Mean Conc: 25.04mg/L

Sample

Sample Name: ICB
Sample ID: TC003-04
Origin: TC003.cal
Chk. Result

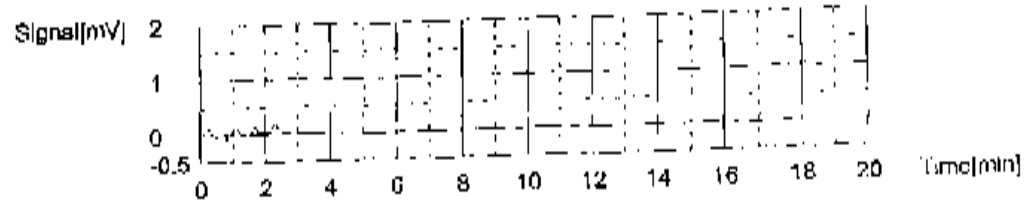
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.0831 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.1949	0.00075mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 07:02:42 PM
2	0.1691	0.07595mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 07:03:30 PM
3	0.1452	0.08761mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 07:04:19 PM
4	0.2113	0.09839mg/L	50uL	1		TC003.2010_09_14_17_32_54.cal	09/14/10 07:05:17 PM

Mean Area: 0.1780
Mean Conc: 0.0831mg/L



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CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I148**

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GC-SVOA	**	5000 –
HPLC	**	6000 –
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WET	METHOD 300.0	8000 – 8034
	METHOD 300.0 (M)	8035 – 8060
	METHOD 2320B	8061 – 8071
	METHOD 2540C	8072 – 8087
	METHOD SM5310B	8088 – 8095
	METHOD 4500F	8096 – 8100
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** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel. (310) 618-8889
Fax: (310) 618-0818

Date: 10-04-2010
EMAX Batch No.: 101148

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/10/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PMW11A-A10	1148 01	09/09/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW11B-A10	1148-02	09/09/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW13A-A10	1148-03	09/09/10	WATER	ANIONS BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW13B-A10	I148-04	09/09/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-9/9/10	I148-05	09/09/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA02-A10	I148-06	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA04-A10	I148-07	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA05-A10	I148-08	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA06-A10	I148-09	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA06-A10-D	I148-10	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA11-A10	I148-11	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
TB-9/10/10	I148-12	09/10/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA02-A10MS	I148-06M	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA02-A10MSD	I148-06S	09/10/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning those results.

Sincerely yours,

for

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS 0801 _

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. # 10 I148
PROJECT CODE: 4-14114

CLIENT: INSIGHT ESC, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@ESCI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ESC, INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: K. Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste SL=Sludge; SS=Soil/Sediment; WP=Wipes FP=Pure Products; AR=Air; O=
PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. CARBON (RSK 175); ANIONS/TDS/ALKALINITY/TEMP. O, 25°C, 2320B, 300.0B; TOC (5310B); DISS. HYDROGEN SULFIDE (4500S2-F); DISS. METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

	LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE HC	HC	HN	HC	HS	HN		COMMENTS
1	1	MW-70-PMW11A-A10	IR 70	9/9/10	0915	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X		
2	1	MW-70-PMW11B-A10	↓	↓	0951	10	↓	↓	↓	↓	X	X	X	X	X	X		
3	1	MW-70-PMW13A-A10	↓	↓	1049	10	↓	↓	↓	↓	X	X	X	X	X	X		
4	1	MW-70-PMW13B-A10	IR 70	9/9/10	1133	10	VARIOUS	VARIOUS	GW	III	X	X	X	X	X	X		
~~5~~	~~1~~	~~IW-70-SHB113-A10~~	~~IR 70~~	~~9/9/10~~		~~8~~	~~VARIOUS~~	~~VARIOUS~~	~~GW~~	~~III~~	~~X~~	~~X~~	~~X~~	~~X~~				~~WELL NOT SAMPLED DISPOSAL~~
	1																	
J	1	TB-9/9/10	IR 70	9/9/10	0700	2	40mL	VOA	GW	III	X							TRIP BLANK
	1																	
	1																	
	1																	

Instructions

Cooler #	Temp. (°C)
1	2.8

Sample #s

SAMPLER: CHASE BRADDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY		
[signature]	9/9/10	1447	Keith Start	9/10/10	1447
Keith Start	9/10/10	1516	[signature]		

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 3:00 hrs, TAT shall start at 0800 hrs the next day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. * 10 I 148
PROJECT CODE: 4-14114

CLIENT: INSIGHT EEC, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (714) 678-6700 FAX: (714) 678-6711 EMAIL: NWEINBERGER@IEEC.CA
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT EEC, INC
ADDRESS: 3010 E MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; W=Wipes; P=Pure Product; AIR=Air
PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaOH; SY=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOC's (8260B); DSS. GASES (RSK 175); ANIONS/TDS/ALK/UFA (300.0, 2540C, 310.0); TPH (8310); DSS 16 S (4500F); DISS METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

	LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC's (8260B) HC	DSS. GASES (RSK 175) HC	ANIONS/TDS/ALK/UFA HN	TPH (8310) HC	DSS 16 S (4500F) HN	DISS METALS (6010B) HN		COMMENTS
6	1	MW-70-MNA02-A10	IR 70	9/10/10	0940	18	40mL	VOA	GW	III	X	X						MS/MSD
7	2	MW-70-MNA04-A10	↓	9/10/10	1049	6	↓	↓	↓	↓	X	X						
8	3	MW-70-MNA05-A10	↓	9/10/10	1126	6	↓	↓	↓	↓	X	X						
9	4	MW-70-MNA06-A10	↓	9/10/10	1302	6	↓	↓	↓	↓	X	X						
10	5	MW-70-MNA06-A10-D	IR 70	9/10/10	1307	6	40mL	VOA	GW	III	X	X						DUPLICATE
11	6	MW-70-MNA11-A10	IR 70	9/10/10	1425	6	40mL	VOA	GW	III	X	X						
	7																	
	8																	
	9																	
12	10	TB-9/10/10	IR 70	9/10/10		2	40mL	VOA	GW	III	X							

Instructions

Cooler #	Temp. (°C)	Sample #s
1	2.8	

SAMPLER: CHASE BROGDON / MATTHEW WELLS
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/10/10	1447	Keith Stout
Keith Stout	9/10/10	1516	[signature]

NOTICE: Turnaround time (TAT) for samples that have been sent will commence when all requirements have been received. For samples received and discrepancies received after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 45 calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	SGS Cur-	ECN 01148
☐ Client Delivery		Receipt I. PATEL
☐ Third Party		Date 9-10-10
		Time 1316

COC Inspection

☐ Client Name	☑ Client PM/TC	☑ Sampler Name	☑ Sampling Date/Time/Location	☑ Sample ID	☑ Matrix
☑ Address	☑ Tel # / Fax #	☑ Client Signature	☑ Analysis Required	☐ Preservative (if any)	☑ COC
Safety Issues	☑ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☑ Plastic bag
Temperatures (Cool, 20 °C but not frozen)	☑ Cooler 1 2.8 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling [signature] Date 9-10-10

SMF [signature] Date 9/10/10

PM [signature] Date 9/14/10

LEGEND:

Code	Description- Sample Management	Code	Description Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-a-vis label	D3	Date and/or time is inconsistent in COC vis-a-vis label	R3	Refer to attached instruction
A4	____	E1	Insufficient preservative	R4	Cancel the analysis
I1	Sample ID is not indicated in COC	E2	Improper preservation	R5	____
I2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	____
I3	Sample ID is inconsistent in COC vis-a-vis label	F2	Bubble in vials		
I4	____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	____		
C4	____	H2	____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I148

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of twelve (12) water samples were received on 09/10/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, four (4) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Four (4) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I10L/C were all within QC limits.
Percent recoveries for VO94I11L/Y were all within QC limits.
Percent recoveries for VO94I12L/C were all within QC limits.
Percent recoveries for VO94I13L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries were within project QC limits except for results qualified with [*] in I148-06 M/S summary form, most likely due to matrix interference. Check QC summary form for details.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

TCE concentration in sample I148-03T and -07T were "J" flagged due to the project specific RL that is greater than EMAX RL. Although the values were detected below the project RL, they are supported by the calibration.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT SEC, INC. SDG NO. : 101148
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-094

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094110B	1	NA	09/13/1014:33	09/13/1014:03	RID208	RHD320	V094110	Method Blank
LCS1W	V094110L	1	NA	09/13/1011:32	09/13/1011:32	RID204	RHD320	V094110	Lab Control Sample (LCS)
LCD1W	V094110C	1	NA	09/13/1012:11	09/13/1012:11	RID205	RHD320	V094110	LCS Duplicate
TB-9/9/10	1148-05	1	NA	09/13/1017:21	09/13/1017:21	RID213	RHD320	V094110	Field Sample
TB-9/10/10	1148-12	1	NA	09/13/1018:00	09/13/1018:00	RID234	RHD320	V094110	Field Sample
MW-70-PMW11A-A10	1148-01	1	NA	09/13/1018:38	09/13/1018:38	RID215	RHD320	V094110	Field Sample
MW-70-PMW11B-A10	1148-02	1	NA	09/13/1019:16	09/13/1019:16	RID216	RHD320	V094110	Field Sample
MW-70-PMW13A-A10	1148-03	1	NA	09/13/1019:53	09/13/1019:53	RID217	RHD320	V094110	Field Sample
MW-70-PMW13B-A10	1148-04	1	NA	09/13/1020:28	09/13/1020:28	RID218	RHD320	V094110	Field Sample
MBLK2W	V094111B	1	NA	09/14/1005:07	09/14/1005:07	RID232	RHD320	V094111	Method Blank
LCS2W	V094111L	1	NA	09/14/1002:40	09/14/1002:40	RID228	RHD320	V094111	Lab Control Sample (LCS)
LCD2W	V094111C	1	NA	09/14/1011:19	09/14/1011:19	RID242	RHD320	V094111	LCS Duplicate
MW-70-MWA04-A10	1148-07	1	NA	09/14/1005:44	09/14/1005:44	RID233	RHD320	V094111	Field Sample
MW-70-MWA05-A10	1148-08	1	NA	09/14/1006:22	09/14/1006:22	RID234	RHD320	V094111	Field Sample
MW-70-MWA06-A10	1148-09	1	NA	09/14/1007:00	09/14/1007:00	RID235	RHD320	V094111	Field Sample
MW-70-MWA06-A10-D	1148-10	1	NA	09/14/1007:36	09/14/1007:36	RID236	RHD320	V094111	Field Sample
MW-70-MWA02-A10	1148-06	1	NA	09/14/1009:27	09/14/1009:27	RID239	RHD320	V094111	Field Sample
MW-70-MWA02-A10MS	1148-06M	1	NA	09/14/1010:03	09/14/1010:03	RID240	RHD320	V094111	Matrix Spike Sample (MS)
MW-70-MWA02-A10MSD	1148-06S	1	NA	09/14/1010:42	09/14/1010:42	RID241	RHD320	V094111	MS Duplicate (MSD)
MBLK3W	V094112B	1	NA	09/14/1018:38	09/14/1018:38	RID253	RHD320	V094112	Method Blank
LCS3W	V094112L	1	NA	09/14/1016:12	09/14/1016:12	RID249	RHD320	V094112	Lab Control Sample (LCS)
LCD3W	V094112C	1	NA	09/14/1016:48	09/14/1016:48	RID250	RHD320	V094112	LCS Duplicate
MW-70-MWA04-A10DL	1148-07T	100	NA	09/14/1021:06	09/14/1021:06	RID257	RHD320	V094112	Diluted Sample
MW-70-PMW13B-A10DL	1148-04T	100	NA	09/14/1021:43	09/14/1021:43	RID258	RHD320	V094112	Diluted Sample
MW-70-PMW13A-A10DL	1148-03T	100	NA	09/14/1022:20	09/14/1022:20	RID259	RHD320	V094112	Diluted Sample
MW-70-MWA11-A10	1148-11R	1	NA	09/14/1022:57	09/14/1022:57	RID260	RHD320	V094112	Field Sample
MBLK4W	V094113B	1	NA	09/15/1013:23	09/15/1013:23	RID279	RHD320	V094113	Method Blank
LCS4W	V094113L	1	NA	09/15/1010:54	09/15/1010:54	RID275	RHD320	V094113	Lab Control Sample (LCS)
LCD4W	V094113C	1	NA	09/15/1011:32	09/15/1011:32	RID276	RHD320	V094113	LCS Duplicate
MW-70-PMW11B-A10DL	1148-02T	25	NA	09/15/1018:17	09/15/1018:17	RID287	RHD320	V094113	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/13/10 18:38
Sample ID:	MW-70-PMW11A-A10	Date Analyzed:	09/13/10 18:38
Lab Samp ID:	1148-01	Dilution Factor:	1
Lab File ID:	RID215	Matrix	: WATER
Ext Btch ID:	V094110	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1 TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1 DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.40
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL 2 PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3 DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.82J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	0.50J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.34J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	93	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/13/10 19:16
Sample ID:	MW-70-PMW11B-A10	Date Analyzed:	09/13/10 19:16
Lab Samp ID:	1148-02	Dilution Factor:	1
Lab File ID:	R10216	Matrix	: WATER
Ext Batch ID:	V0941I0	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.48J	1.0	0.20
1,1-DICHLOROETHENE	2.4	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	1.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	470E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	57	1.0	0.20
TRICHLOROETHENE	9.6	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	110E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 7D.	Date Received:	09/10/10
Batch No.	: 101168	Date Extracted:	09/15/10 18:17
Sample ID:	MW-70-PMW11B A100L	Date Analyzed:	09/15/10 18:17
Lab Samp ID:	1148-02T	Dilution Factor:	25
Lab File ID:	R10287	Matrix	: WATER
Ext Batch ID:	V094T13	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	ND	12	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	12	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	5.0
1,2,3-TRICHLOROPROPANE	ND	25	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	ND	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3-DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	610	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS 1,2-DICHLOROETHENE	64	25	5.0
TRICHLOROETHENE	9.6J	120	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	120	12	2.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	90	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/13/10 19:53
Sample ID:	MW-70-PMW13A-A10	Date Analyzed:	09/13/10 19:53
Lab Samp ID:	I148-03	Dilution Factor:	1
Lab File ID:	RID217	Matrix :	WATER
Ext.Btch ID:	V094I10	% Moisture :	NA
Calib. Ref.:	RHD320	Instrument ID :	T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.20J	1.0	0.20
1,1-DICHLOROETHENE	5.7	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	2.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	140E	1.0	0.50
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	100E	1.0	0.20
TRICHLOROETHENE	410E	3.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	300E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ERC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 22:20
Sample ID:	MW-70-PMW13A-A100L	Date Analyzed:	09/14/10 22:20
Lab Samp ID:	1148-03T	Dilution Factor:	100
Lab File ID:	R10259	Matrix	: WATER
Ext Btch ID:	V094I12	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T 094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2 DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	150	100	20
DICHLORODIFLUOROMETHANE	ND	200	20
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	20
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	110	100	20
TRICHLOROETHENE	490J	100	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	350	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EFC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/13/10 20:28
Sample ID:	MW-70-PMW138-A10	Date Analyzed:	09/13/10 20:28
Lab Samp ID:	1148-04	Dilution Factor:	1
Lab File ID:	R10218	Matrix	: WATER
Ext Atch ID:	VO94110	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.59J	1.0	0.20
1,1-DICHLOROETHENE	3.1	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.42J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	280E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	66	1.0	0.20
TRICHLOROETHENE	620E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	10	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 21:43
Sample ID:	MW-70-PMW13B-A100L	Date Analyzed:	09/14/10 21:43
Lab Samp ID:	1148-04T	Dilution Factor:	100
Lab File ID:	RID258	Matrix	: WATER
Ext.Btch ID:	V094I12	% Moisture	: NA
Calib. Ref.:	RHD520	Instrument ID	: I-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	270	100	20
DICHLORODIFLUOROMETHANE	ND	200	20
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	65J	100	20
TRICHLOROETHENE	1300	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	20
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT GEC, INC	Date Collected: 09/09/10
Project : NWS SEAL BEACH, (R SITE 70.	Date Received: 09/10/10
Batch No. : 101140	Date Extracted: 09/13/10 17:21
Sample ID: TR-9/9/10	Date Analyzed: 09/13/10 17:21
Lab Samp ID: 1148-05	Dilution Factor: 1
Lab File ID: RID213	Matrix : WATER
Ext Batch ID: VO94110	% Moisture : NA
Calib. Ref.: RHD320	Instrument ID : T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4 CHLOROTOLUENE	ND	1.0	0.20
4 METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3 DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.70J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	88	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 09:27
Sample ID:	MW-70-MNA02-A10	Date Analyzed:	09/14/10 09:27
Lab Samp ID:	1148-06	Dilution Factor:	1
Lab File ID:	RID239	Matrix	: WATER
Ext Btch ID:	V094111	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	3.1	1.0	0.20
1,1-DICHLOROETHANE	10	1.0	0.20
1,1-DICHLOROETHENE	0.63	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.64	0.50	0.20
1,2-DICHLOROPROPANE	0.58J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	0.21J	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	45	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.9	1.0	0.20
TRICHLOROETHENE	35	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	4.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	97	70-140
4-BROMOFLUOROBENZENE	96	70-140
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 10I148	Date Extracted:	09/14/10 05:44
Sample ID:	MW-70-MNA04-A10	Date Analyzed:	09/14/10 05:44
Lab Samp ID:	1148-07	Dilution Factor:	1
Lab File ID:	R10233	Matrix	: WATER
Ext Batch ID:	VD94111	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	1.3	1.0	0.20
1,1-DICHLOROETHANE	7.7	1.0	0.20
1,1-DICHLOROETHENE	3.0	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	1.4	0.50	0.20
1,2-DICHLOROPROPANE	0.61J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	0.29J	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	140E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	3.8	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	7.3	1.0	0.20
TRICHLOROETHENE	140E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.90	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	94	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 21:06
Sample ID:	MW-70-MNA04-A100L	Date Analyzed:	09/14/10 21:06
Lab Samp ID:	1148-07T	Dilution Factor:	100
Lab File ID:	R1D257	Matrix	: WATER
Ext.Btch ID:	V094112	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	170	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	20
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	190J	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	98	70 140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 10I148	Date Extracted:	09/14/10 06:22
Sample ID:	MW-70-MNA05-A10	Date Analyzed:	09/14/10 06:22
Lab Samp ID:	1148-08	Dilution Factor:	1
Lab File ID:	R10234	Matrix	: WATER
Ext Btch ID:	V094I11	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	0.50J	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.66J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS 1,2-DICHLOROETHENE	19	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2 DICHLOROETHENE	0.53J	1.0	0.20
TRICHLOROETHENE	4.6J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	37	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 07:00
Sample ID:	MW-70-MNAD6-A10	Date Analyzed:	09/14/10 07:00
Lab Samp ID:	1148-09	Dilution Factor:	1
Lab File ID:	R10235	Matrix	: WATER
Ext Batch ID:	V094111	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	0.59	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3 TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	34	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.79J	1.0	0.50
TRICHLOROETHENE	11	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.34J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEO, INC	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 07:36
Sample ID:	MW-70-MNA06-A10-0	Date Analyzed:	09/14/10 07:36
Lab Samp ID:	1148-10	Dilution Factor:	1
Lab File ID:	R1D236	Matrix	: WATER
Ext Btch ID:	V094111	% Moisture	: NA
Calib. Ref.:	R1D320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	0.64	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4 METHYL-2-PENTANONE	ND	10	5.0
N BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	37	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.86J	1.0	0.20
TRICHLOROETHENE	12	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.24J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: IMS(GHI EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/14/10 22:57
Sample ID:	MW-70-MNA11-A10	Date Analyzed:	09/14/10 22:57
Lab Samp ID:	1148-11R	Dilution Factor:	1
Lab File ID:	RID260	Matrix	: WATER
Ext Batch ID:	V094112	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,3,5-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	0.77J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	1.0J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/13/10 18:00
Sample ID:	TB-9/10/10	Date Analyzed:	09/13/10 18:00
Lab Samp ID:	1148-12	Dilution Factor:	1
Lab File ID:	R10214	Matrix	: WATER
Ext Batch ID:	V094110	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3 TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2 DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.65J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	97	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/13/10
Batch No.	: 101148	Date Extracted:	09/13/10 14:03
Sample ID:	MBLK1W	Date Analyzed:	09/13/10 14:03
Lab Samp ID:	V0941100	Dilution Factor:	1
Lab File ID:	R10208	Matrix	: WATER
Ext Btch ID:	V0941110	% Moisture	: NA
Calib. Ref.:	RHD520	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.40
CARBON DISULFIDE	0.28J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	84	70-130
TOLUENE-D8	102	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V094110Q	V094110I	V094110C		
LAB FILE ID:	RID208	RID204	RID205		
DATE EXTRACTED:	09/13/1014:05	09/13/1011:32	09/13/1012:11	DATE COLLECTED:	NA
DATE ANALYZED:	09/13/1014:05	09/13/1011:32	09/13/1012:11	DATE RECEIVED:	09/13/10
PREP. BATCH:	V094110	V094110	V094110		
CALIB. REF:	RID320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.4	104	10.0	10.2	102	2	60-130	30
Benzene	ND	10.0	11.2	112	10.0	10.7	107	5	70-130	30
Chlorobenzene	ND	10.0	10.4	104	10.0	9.87	99	6	70-120	30
Toluene	ND	10.0	10.8	108	10.0	10.3	103	4	70-130	30
Trichloroethene	ND	10.0	11.5	115	10.0	11.1	111	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.57	86	10.0	8.55	86	70-140
4-Bromofluorobenzene	10.0	8.57	86	10.0	8.71	87	70-130
Toluene-d8	10.0	10.2	102	10.0	10.2	102	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101148	Date Extracted:	09/14/10 05:07
Sample ID:	MBLK2W	Date Analyzed:	09/14/10 05:07
Lab Samp ID:	V0941110	Dilution Factor:	1
Lab File ID:	RJ0232	Matrix	: WATER
Ext Batch ID:	V0941T1	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T 094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10I140
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKZW
LAB SAMP ID: V094I11Q V094I11L V094I11Y
LAB FILE ID: R1D232 R1D228 R1D242
DATE EXTRACTED: 09/14/1005:07 09/14/1002:40 09/14/1011:19
DATE ANALYZED: 09/14/1005:07 09/14/1002:40 09/14/1011:19
PREP. BATCH: V094I11 V094I11 V094I11
CALIB. REF: RHD320 RHD320 RHD320

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 09/14/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.69	97	10.0	9.57	96	1	60-130	30
Benzene	ND	10.0	9.88	99	10.0	9.86	99	0	70-130	30
Chlorobenzene	ND	10.0	10.1	101	10.0	9.93	99	2	70-130	30
Toluene	ND	10.0	9.79	98	10.0	9.71	97	1	70-130	30
Trichloroethene	ND	10.0	10.5	105	10.0	10.7	107	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.06	91	10.0	8.81	88	70-140
4-Bromofluorobenzene	10.0	8.98	90	10.0	8.90	89	70-130
Toluene-d8	10.0	9.43	94	10.0	9.56	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148
Sample ID: MBLK3W
Lab Samp ID: V0941120
Lab File ID: RID253
Ext Btch ID: V0941I2
Calib. Ref.: RHD320

Date Collected: NA
Date Received: 09/14/10
Date Extracted: 09/14/10 18:38
Date Analyzed: 09/14/10 18:38
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	97	70 130
TOLUENE-D8	97	70 130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	V094112Q	V094112L	V094112C		
LAB FILE ID:	RID253	RID249	RID250		
DATE EXTRACTED:	09/14/1018:38	09/14/1016:12	09/14/1016:48	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1018:38	09/14/1016:12	09/14/1016:48	DATE RECEIVED:	09/14/10
PREP. BATCH:	V094112	V094112	V094112		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.1	101	10.0	10.8	108	7	60-130	30
Benzene	ND	10.0	10.3	103	10.0	11.0	110	6	70-130	30
Chlorobenzene	ND	10.0	10.2	102	10.0	10.5	105	2	70-120	30
Toluene	ND	10.0	10.1	101	10.0	10.7	107	6	70-130	30
Trichloroethene	ND	10.0	10.8	108	10.0	11.4	114	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.75	88	10.0	8.78	88	70-140
4-Bromofluorobenzene	10.0	9.07	91	10.0	9.02	90	70-130
Toluene-d8	10.0	9.75	97	10.0	10.1	101	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/15/10
Batch No.	: 101148	Date Extracted:	09/15/10 13:23
Sample ID:	MB1K4W	Date Analyzed:	09/15/10 13:23
Lab Samp ID:	V0941130	Dilution Factor:	1
Lab File ID:	RID2/9	Matrix	: WATER
Ext Batch ID:	V0941I3	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1 TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.50
1,2,3-TRICHLOROBENZENE	ND	1.0	0.60
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.50
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.30
TOLUENE	ND	1.0	0.60
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.60
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10T148
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK4W				
LAB SAMP ID:	V094113Q	V094113L	V094113C		
LAB FILE ID:	RID279	RID275	RID276		
DATE EXTRACTED:	09/15/1013:23	09/15/1010:54	09/15/1011:32	DATE COLLECTED:	NA
DATE ANALYZED:	09/15/1013:23	09/15/1010:54	09/15/1011:32	DATE RECEIVED:	09/15/10
PREP. BATCH:	V094113	V094113	V094113		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.0	100	10.0	10.9	109	8	60-130	30
Benzene	ND	10.0	10.8	108	10.0	11.1	111	3	70-130	30
Chlorobenzene	ND	10.0	10.2	102	10.0	10.5	105	3	70-130	30
Toluene	ND	10.0	10.4	104	10.0	10.7	107	3	70-130	30
Trichloroethene	ND	10.0	11.2	112	10.0	11.7	117	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.91	89	10.0	8.70	87	70-140
4-Bromofluorobenzene	10.0	8.57	86	10.0	8.75	87	70-130
Toluene-d8	10.0	10.1	101	10.0	10.1	101	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT ENG. INC
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: SW 5030B/8260B

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-MNA02-A10		
LAB SAMP ID:	I148-06	I148-06M	I148-06S
LAB FILE ID:	RID239	RID240	RID241
DATE EXTRACTED:	09/14/1009:27	09/14/1010:03	09/14/1010:42
DATE ANALYZED:	09/14/1009:27	09/14/1010:03	09/14/1010:42
PREP. BATCH:	VO94111	VO94111	VO94111
CALIB. REF:	RHD320	RHD320	RHD320

DATE COLLECTED: 09/10/10
DATE RECEIVED: 09/10/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	0.635	10.0	11.3	107	10.0	11.0	104	2	60-140	30
Benzene	ND	10.0	11.0	110	10.0	11.3	113	3	60-140	30
Chlorobenzene	ND	10.0	10.3	103	10.0	10.5	105	2	63-132	30
Toluene	ND	10.0	10.4	104	10.0	10.8	108	4	70-140	30
Trichloroethene	35.0	10.0	48.5	135	10.0	51.3	163*	6	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.40	94	10.0	9.27	93	70-140
4-Bromofluorobenzene	10.0	8.41	84	10.0	8.42	84	70-130
Toluene-d8	10.0	9.88	99	10.0	10.2	102	70-140

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHD314
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101148
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.42
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.54
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.5)1
176	95.0 - 101.0% of mass 174	76.27(97.2)1
177	5.0 - 9.0% of mass 176	4.78(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	VO94H1101	RHD315	08/11/10	21:30
2	VSTD0.5	VO94H1102	RHD316	08/11/10	22:06
3	VSTD01	VO94H1103	RHD317	08/11/10	22:43
4	VSTD02	VO94H1104	RHD318	08/11/10	23:19
5	VSTD05	VO94H1105	RHD319	08/11/10	23:54
6	VSTD010	VO94H1106	RHD320	08/12/10	00:29
7	VSTD020	VO94H1107	RHD321	08/12/10	01:03
8	VSTD030	VO94H1108	RHD322	08/12/10	01:38
9	VSTD040	VO94H1109	RHD323	08/12/10	02:13
10	VSTD050	VO94H1110	RHD324	08/12/10	02:50
11	VSTD100	VO94H1111	RHD325	08/12/10	03:26
12	VSTD010	IVO94H1102	RHD350	08/12/10	06:32

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD323

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094H11

M	IDX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2	Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
	5	Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
	6	Bromomethane	------	0.218	0.245	0.276	0.290	0.315	0.315	0.303	0.317	0.320	0.332	0.293	12.53	6.8163
	7	Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
	8	Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.733	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
	9	Trichlorofluoromethane	------	0.187	0.241	0.285	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5	13	Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
	14	1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10	16	Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
	19	Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
	20	Carbon disulfide	------	0.851	1.087	1.136	1.180	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.01	9.8857
5	21	Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9601
	22	tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.298	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
	23	trans-1,2-Dichloroethene	0.463	0.504	0.479	0.512	0.511	0.513	0.540	0.512	0.515	0.519	0.513	0.507	4.05	10.2964
	24	Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
	25	Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
	26	1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.605	0.611	0.618	0.612	0.603	3.81	11.0355
5	27	2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	0.328	0.409	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5	29	2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
	30	2,2-Dichloropropane	0.252	0.259	0.241	0.250	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
	31	cis-1,2-Dichloroethene	0.281	0.309	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
	32	Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.00	12.3103
	33	Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
	35	Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
	36	1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
	39	1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.186	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.184	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
N	42	Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
N	43	1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
N	44	Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
N	45	Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.01	14.5942
N	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20	48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

Sm
2/16/10

49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
S 52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
57	trans-1,3-Dichloropropene	0.262	0.288	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7534
S 58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
60	1,3-Dichloropropane	0.283	0.318	0.300	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.246	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.171	0.172	0.175	0.172	0.163	6.95	18.2020
64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2 68	m-Xylene & p-Xylene	1.180	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.006	1.140	4.92	19.4144
70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8105
73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.104	0.104	0.115	0.115	0.108	11.20	20.2196
78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.801	5.481	5.243	------	5.796	5.58	20.2708
79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
82	4-Chlorotoluene	2.659	2.201	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.404	8.61	20.5789
83	tert-Butylbenzene	0.890	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.008	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * M

Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = x0 + x1 * Amt_Ratio

ID	Parameter	x0	x1	CCF
1	Trichlorofluoromethane	-0.01435	0.38831	0.9994
94	Naphthalene	-0.02203	0.78641	0.9950
95	1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

SG 2/16/10

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.320MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094H11

M	IDX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	AvgRec	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	4.0039
	2	Dichlorodifluoromethane	------	72	85	93	94	110	109	105	108	109	114	10.9	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	70	87	92	100	104	110	110	104	107	107	108	9.1	12.25	5.3698
	5	Vinyl chloride	------	75	87	99	101	111	110	104	105	104	104	7.8	10.92	5.6903
	6	Bromomethane	------	74	84	94	99	108	108	103	108	109	113	9.8	12.53	6.8163
	7	Chloroethane	------	73	85	94	99	108	108	104	108	109	115	10.2	13.05	7.0064
	8	Dichlorofluoromethane	81	93	91	97	99	103	108	105	107	108	108	7	8.71	7.0794
	9	Trichlorofluoromethane	------	122	99	92	88	99	100	97	101	102	------	5.6	9.5	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	78	89	89	89	100	100	111	100	100	100	100	6.1	8.36	8.4466
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	96	95	91	94	91	99	105	103	106	108	111	6	7.03	8.4898
5	13	Acetone	------	------	121	117	103	93	97	93	93	97	100	7.7	9.44	8.5592
	14	1,1-Dichloroethene	91	100	94	98	97	101	105	101	103	105	105	3.6	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	92	100	100	100	108	92	92	100	92	4.3	3.87	8.9524
10	16	Acetonitrile	120	113	107	100	87	93	93	93	93	93	93	8.5	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	84	96	92	96	98	100	107	104	106	108	111	6.4	7.94	9.5054
	19	Methylene chloride	113	109	98	98	99	97	101	96	96	97	96	4.1	5.67	9.7753
	20	Carbon disulfide	------	71	91	95	99	104	106	106	109	110	110	8.9	12.01	9.8857
5	21	Acrylonitrile	85	95	95	97	97	100	105	100	103	105	108	4.7	6.79	9.9601
	22	tert-Butyl methyl ether (MTBE)	81	94	90	90	97	99	107	106	108	111	116	8.7	10.46	9.9960
	23	trans-1,2-Dichloroethene	91	99	94	101	101	101	107	101	102	102	101	2.8	4.05	10.2964
	24	Isopropyl ether (DIPE)	90	100	96	97	101	101	106	102	102	104	102	3.2	4.38	10.7537
	25	Vinyl acetate	------	86	81	88	100	106	108	103	106	109	113	9	10.98	10.9634
	26	1,1-Dichloroethane	92	102	96	98	101	100	106	100	101	102	101	2.7	3.81	11.0355
5	27	2-Butanol	87	87	100	100	100	87	100	100	100	112	112	5.7	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	74	90	88	93	98	101	109	108	109	113	118	10.5	13.09	11.4516
5	29	2-Butanone	102	112	104	96	94	94	100	94	96	100	102	4.1	5.22	11.6829
	30	2,2-Dichloropropane	105	108	101	105	103	101	103	98	95	93	87	4.8	6.14	11.9767
	31	cis-1,2-Dichloroethene	89	98	94	97	99	99	105	102	103	106	108	4.4	5.54	12.0538
	32	Chloroform	88	100	96	97	101	100	106	102	103	104	104	3.5	5.00	12.3103
	33	Bromochloromethane	91	102	99	97	103	100	105	100	101	102	101	2.5	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	115	100	100	100	96	96	100	100	2.9	5.96	12.6299
	35	Dibromofluoromethane	105	111	89	96	86	101	103	99	101	104	106	5.5	7.32	12.6653
	36	1,1,1-Trichloroethane	92	102	94	98	99	102	105	103	102	102	102	3.1	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	83	84	86	95	98	109	112	114	119	------	11.9	13.59	13.3124
	39	1,2-Dichloroethane-d4	110	111	91	98	87	101	102	98	99	102	103	5	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	97	102	90	94	92	97	104	105	106	106	111	5.6	6.58	13.2090
	42	Carbon tetrachloride	94	99	94	94	94	98	104	105	105	105	109	5	5.67	13.4084
	43	1,2-Dichloroethane	97	104	97	96	100	100	103	101	102	100	102	2	2.63	13.6012
	44	Benzene	97	108	97	96	97	97	103	103	104	103	94	4	4.51	13.6663
	45	Trichloroethene	98	100	95	96	96	97	103	102	102	102	108	3.3	4.01	14.5942
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	98	106	97	97	99	98	102	100	100	100	103	2	2.73	14.8587
20	48	1,4-Dioxane	------	100	100	100	100	100	100	100	100	100	100	0	12.15	15.2069

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8/16/10

49	Bromodichloromethane	90	102	95	96	99	99	104	102	103	103	106	3.6	4.56	15.2376
50	Dibromomethane	88	98	97	96	98	98	105	102	105	106	109	4.6	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	79	85	94	100	106	109	123	11.3	14.84	15.5602
5 52	4-Methyl-2-pentanone	91	98	96	98	99	100	103	101	102	104	106	3.1	4.13	15.6045
53	cis-1,3-Dichloropropene	94	101	97	95	99	97	103	102	103	103	106	3.3	3.83	16.0139
54	Toluene-d8	119	117	92	96	83	97	100	99	100	101	96	6.8	10.22	16.4260
55	Toluene	99	106	97	96	97	98	104	103	103	104	93	3.6	4.14	16.5550
56	Ethyl methacrylate	80	86	92	91	95	99	108	109	112	114	116	10.6	12.34	16.6201
57	trans-1,3-Dichloropropene	85	93	93	96	99	100	106	106	106	107	109	6.2	7.65	16.7504
5 58	2-Hexanone	90	96	93	94	99	101	105	104	104	105	105	4.7	5.50	16.9232
59	1,1,2-Trichloroethane	89	103	93	95	97	97	105	103	104	105	107	5	5.70	17.0349
60	1,3-Dichloropropane	89	100	95	96	98	98	104	103	104	105	106	4.2	5.20	17.4124
61	Tetrachloroethene	103	103	93	95	94	95	102	102	102	102	107	4	4.64	17.5812
62	Dibromochloromethane	88	98	92	96	98	99	106	104	106	107	106	5.4	6.53	17.9029
63	1,2-Dibromoethane	85	100	93	94	99	101	107	105	106	107	106	5.4	6.95	18.2020
64	1-Chlorohexane	95	96	92	92	94	98	106	106	107	107	107	6.2	6.72	18.2539
65	Chlorobenzene	94	103	95	96	100	99	105	104	104	104	97	3.7	4.19	18.7364
66	Ethylbenzene	103	109	99	100	101	99	108	104	102	99	77	4.8	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	88	98	93	94	96	98	107	105	106	107	109	6.1	6.92	18.7643
2 68	m-Xylene & p-Xylene	101	105	99	99	100	102	108	102	96	89	------	3.5	5.16	18.8480
69	o-Xylene	95	103	97	100	102	102	106	103	103	101	88	3.6	4.92	19.4144
70	Styrene	81	91	88	92	98	101	111	110	112	112	103	9	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	107	110	101	101	101	101	106	102	98	97	78	5.1	8.41	19.8105
73	Bromoform	89	96	97	94	98	99	108	103	102	106	109	4.9	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	95	99	98	100	100	99	105	99	99	101	102	1.6	2.52	20.0099
75	4-Bromofluorobenzene	------	127	96	97	84	97	100	98	97	100	104	6.2	10.74	20.1377
76	1,2,3-Trichloropropane	79	99	102	99	97	98	106	103	103	105	109	5	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	78	93	107	106	91	118	96	96	106	106	9.1	11.20	20.2196
78	n-Propylbenzene	108	106	98	98	98	100	106	100	95	90	------	4.2	5.58	20.2708
79	Bromobenzene	97	102	96	95	96	96	104	100	101	104	108	3.6	4.33	20.4234
80	1,3,5-Trimethylbenzene	104	106	98	97	98	99	106	103	101	102	88	3.8	5.20	20.4420
81	2-Chlorotoluene	103	119	106	95	96	98	103	104	102	92	81	6.8	9.52	20.5417
82	4-Chlorotoluene	111	92	86	97	99	97	108	96	95	115	104	6.9	8.61	20.5789
83	tert-Butylbenzene	95	100	91	93	93	96	105	103	103	107	113	5.8	6.99	20.8713
84	1,2,4-Trimethylbenzene	104	103	96	95	98	99	107	103	102	104	90	4	4.96	20.9152
85	sec-Butylbenzene	106	105	97	98	99	103	110	105	102	99	77	5.4	8.46	21.1120
86	p-Isopropyltoluene	102	99	92	95	98	102	111	107	105	104	85	5.5	7.29	21.2489
87	1,3-Dichlorobenzene	102	103	93	95	98	98	105	101	101	103	102	3	3.68	21.4536
88	1,4-Dichlorobenzene	102	100	93	93	97	98	105	102	102	104	104	3.4	4.15	21.5786
89	n-Butylbenzene	103	98	91	93	97	101	110	105	104	106	92	5.2	6.27	21.7181
90	1,2-Dichlorobenzene	99	102	96	94	98	98	104	100	100	104	104	2.7	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	80	94	95	94	105	103	105	109	112	7.7	9.97	22.9790
92	1,2,4-Trichlorobenzene	88	87	82	86	97	100	112	110	108	113	118	11	12.79	24.1801
93	Hexachlorobutadiene	105	100	87	93	96	98	107	104	100	105	104	4.6	5.96	24.3263
94	Naphthalene	------	128	96	88	89	93	107	------	------	------	------	11.5	15.2	24.6487
95	1,2,3-Trichlorobenzene	------	129	95	88	90	92	104	101	101	------	------	8.8	13.2	25.0149

See
attached

2060

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TO94
IC Beginning Datetime :08/11/10 21:30
Spike Amount :10 PPB
CC/CV File :RH0330
IC File :RH0320

Column Spec :RTX502.2 ID :0.32MM
IC Ending Datetime :08/12/10 03:26
HPChem Method :V094H11
Date_Time :08/12/10 04:32

M	IDX	Parameters	CC_Con	CC% D	CC_Resp	CCRRF	AVRRF	CC_Rtm	AVRTM	%_RSD	C0_X0	C0_X1	C0_X2	C0_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1537995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	9.824	-1.8	833862	0.535	0.543	5.695	5.690	10.92				
	6	Bromomethane	9.924	-0.8	453177	0.291	0.293	6.806	6.816	12.53				
	7	Chloroethane	9.928	-0.7	478656	0.307	0.309	6.998	7.006	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184851	0.760	0.742	7.069	7.079	8.71				
	9	Trichlorofluoromethane	8.930	-10.7	517905	0.332	0.326	7.581	7.583	22.88	-0.0143	0.3883		0.9994
5	10	sec-Propyl alcohol												
5	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	8.56				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
5	13	Acetone	46.993	-6.0	315476	0.028	0.029	8.542	8.559	9.44				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
5	15	tert-Butyl alcohol	52.547	5.1	104025	0.013	0.013	8.941	8.952	3.07				
10	16	Acetonitrile	90.753	-9.2	209717	0.015	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018860	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	651934	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1954507	1.256	1.156	9.877	9.886	12.01				
6	21	Acrylonitrile	51.248	-14.6	308497	0.032	0.039	9.950	9.960	6.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	472230	0.304	0.301	9.979	9.992	10.16				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.296	4.05				
	24	Isopropyl ether (DIPE)	10.292	2.9	1563757	1.004	0.975	10.739	10.754	4.38				
	25	Vinyl acetate	9.046	-9.5	394491	0.253	0.280	10.959	10.963	10.98				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.035	3.81				
5	27	2-Butanol	46.195	-7.6	57710	0.007	0.008	11.324	11.337	8.04				
	28	Tert-Butyl ethyl ether (ETBE)	10.126	1.3	701031	0.450	0.444	11.441	11.452	13.09				
5	29	2-Butanone	47.924	-4.2	377635	0.048	0.051	11.675	11.685	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.239	11.968	11.977	6.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.54				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.194	1.9	348105	0.223	0.219	12.597	12.599	5.72				
	34	Tetrahydrofuran	9.721	-2.8	39774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	468178	0.301	0.289	12.671	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.322	3.2	264359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1301236	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	230833	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.034	0.3	538053	0.413	0.412	13.401	13.408	3.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.262	13.591	13.601	2.63				
	44	Benzene	10.108	1.1	2003756	1.540	1.523	13.664	13.666	4.51				
	45	Trichloroethene	10.276	2.8	577332	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	16.849	16.859	2.73				
20	48	1,4-Dioxane	202.473	1.2	24714	0.001	0.001	15.199	15.207	12.15				
	49	Bromodichloromethane	10.250	2.5	503955	0.387	0.378	15.329	15.338	4.56				
	50	Dibromomethane	10.233	2.3	165662	0.127	0.124	15.346	15.355	2.86				
	51	2-Chloroethyl vinyl ether	8.144	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
5	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.135	15.594	15.604	4.13				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	3.83				
	54	Toluene-d8	10.462	4.6	1657179	1.281	1.292	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1872053	1.439	1.395	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407639	0.313	0.309	16.749	16.760	7.65				
5	58	2-Hexanone	51.141	2.3	536210	0.082	0.081	16.935	16.923	5.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.027	17.035	5.70				
	60	1,3-Dichloropropane	10.085	0.9	415527	0.319	0.317	17.407	17.412	5.20				
	61	Tetrachloroethene	9.972	-0.3	426440	0.328	0.329	17.583	17.581	4.64				
	62	Dibromochloromethane	10.177	1.8	329403	0.253	0.249	17.905	17.903	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.163	18.197	18.202	6.92				
	64	1-Chlorohexane	10.318	3.2	847230	0.651	0.637	18.256	18.264	6.76				
	65	Chlorobenzene	10.278	2.8	1186582	0.911	0.886	18.738	18.746	4.16				
	66	Ethylbenzene	10.452	4.5	2168234	1.666	1.594	18.753	18.751	8.42				
	67	1,1,1,2-Tetrachloroethane	10.215	2.2	421495	0.324	0.317	18.767	18.764	6.92				
2	68	m-Xylene & p-Xylene	21.520	7.6	3236796	1.244	1.167	18.840	18.848	5.16				
	69	o-Xylene	10.501	5.0	1557630	1.197	1.140	19.411	19.414	4.28				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.999	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059045	4.804	4.602	19.906	19.810	8.41				
	73	Bromoform	10.112	1.1	140492	0.328	0.324	19.937	19.937	6.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.52				
	75	4-Bromofluorobenzene	10.140	1.4	471422	1.100	1.082	20.142	20.138	10.74				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.195	7.95				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41789	0.097	0.108	20.215	20.220	11.20				
	78	n-Propylbenzene	10.323	3.2	2564354	5.985	5.796	20.274	20.271	5.58				
	79	Bromobenzene	9.996	-0.0	434620	1.014	1.014	20.420	20.423	4.33				
	80	1,3,5-Trimethylbenzene	10.326	3.3	1516580	3.538	3.426	20.434	20.442	5.20				
	81	2-Chlorotoluene	11.482	14.8	1745051	4.071	3.540	20.537	20.526	6.55				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.577	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399822	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404315	3.277	3.183	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.599	6.0	2214693	5.173	4.880	21.107	21.112	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1794295	4.186	3.956	21.239	21.249	7.99				
	87	1,3-Dichlorobenzene	10.123	1.2	878661	2.050	2.025	21.458	21.454	3.68				
	88	1,4-Dichlorobenzene	10.043	0.4	813621	1.896	1.888	21.575	21.571	4.15				
	89	n-Butylbenzene	9.999	-0.0	1715742	4.003	4.003	21.721	21.718	5.27				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.492	22.048	22.038	3.86				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	9.27				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	211729	0.494	0.485	24.324	24.326	5.96				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.765	24.646	24.647	17.26	-0.0220	0.7864		0.9950
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.381	25.011	25.015	15.98	-0.0123	0.4415		0.9988

Spike Amount = Nominal Amount * M

2037

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMX1 Case No.:
Lab File ID: R10201
Instrument ID: T094
GC Column: RTX502.2 10:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101148
BFB Injection Date : 09/13/10
BFB Injection Time : 09:39
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.95
75	30.0 - 60.0% of mass 95	48.56
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.50
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	88.17
175	5.0 - 9.0% of mass 174	6.55(7.4)1
176	95.0 - 101.0% of mass 174	86.50(98.1)1
177	5.0 - 9.0% of mass 176	5.40(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1135	RID203	09/13/10	10:53
2	MBLK1W	V0941100	RID208	09/13/10	14:03
3	LCS1W	V0941101	RID204	09/13/10	11:32
4	LCD1W	V0941102	RID205	09/13/10	12:11
5	TB-9/9/10	1148-05	RID213	09/13/10	17:21
6	TB-9/10/10	1148-12	RID214	09/13/10	18:00
7	MW-70-PMW11A-A10	1148-01	RID215	09/13/10	18:38
8	MW-70-PMW11B-A10	1148-02	RID216	09/13/10	19:16
9	MW-70-PMW13A-A10	1148-03	RID217	09/13/10	19:53
10	MW-70-PMW13B-A10	1148-04	RID218	09/13/10	20:28

FORM V VOA DLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHD520
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101148
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299230	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598470	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1480565	14.00	1142982	18.69	446259	22.00
2	MBLK1W	1360568	14.00	1011400	18.69	371067	22.01
3	LCS1W	1372436	14.00	1024036	18.69	418328	22.00
4	LCD1W	1460598	14.00	1078198	18.69	436237	22.00
5	TB-9/9/10	1339909	14.00	1031221	18.70	339460	22.00
6	TB-9/10/10	1436383	14.01	1156313	18.69	363329	22.01
7	MW-70-PMW11A-A10	1478617	14.00	1257434	18.69	435051	22.01
8	MW-70-PMW11B-A10	1500857	14.00	1132422	18.69	401041	22.01
9	MW-70-PMW13A-A10	1457723	14.00	1120766	18.68	396154	22.00
10	MW-70-PMW13B-A10	1472824	14.00	1128352	18.68	393067	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	96	-0.01
2	T	Dichlorodifluoromethane	10.000	8.906	10.9	78	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	7.733	22.7#	68	0.00
5	C,T	Vinyl chloride	10.000	8.643	13.6	75	0.00
6	T	Bromomethane	10.000	9.603	4.0	86	0.00
7	T	Chloroethane	10.000	10.003	-0.0	89	0.00
8	T	Dichlorofluoromethane	10.000	10.513	-5.1	99	0.00
9	T	Trichlorofluoromethane	10.000	10.461	-4.6	102	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	32.743	34.5#	61	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.709	-17.1	114	-0.01
13	T	Acetone	50.000	41.906	16.2	86	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.005	-0.1	96	0.00
15	T	tert-Butyl alcohol	50.000	32.090	35.8#	62	0.00
16	T	Acetonitrile	100.000	74.745	25.3#	79	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.330	6.7	90	0.00
19	T	Methylene chloride	10.000	8.750	12.5	87	0.00
20	T	Carbon disulfide	10.000	9.296	7.0	86	-0.01
21	T	Acrylonitrile	50.000	42.517	15.0	80	0.00
22	T	tert-Butyl methyl ether (MT	10.000	8.646	13.5	84	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.134	8.7	87	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.056	9.4	87	0.00
25	T	Vinyl acetate	10.000	10.651	-6.5	97	-0.01
26	P,T	1,1-Dichloroethane	10.000	9.082	9.2	87	-0.01
27	T	2-Butanol	50.000	49.708	0.6	104	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	7.826	21.7#	75	-0.01
29	T	2-Butanone	50.000	39.682	20.6#	81	0.00
30	T	2,2-Dichloropropane	10.000	9.194	8.1	87	-0.01
31	T	cis-1,2-Dichloroethene	10.000	9.437	5.6	92	0.00
32	C,T	Chloroform	10.000	9.016	9.8	87	-0.01
33	T	Bromochloromethane	10.000	8.618	13.8	83	-0.01
34	T	Tetrahydrofuran	10.000	8.026	19.7	79	0.00
35	S	Dibromofluoromethane	10.000	9.958	0.4	95	0.00
36	T	1,1,1-Trichloroethane	10.000	9.205	7.9	87	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	7.723	22.8#	76	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.558	14.4	82	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	10.738	-7.4	97	0.00
42	T	Carbon tetrachloride	10.000	9.854	1.5	89	-0.01
43	T	1,2-Dichloroethane	10.000	8.699	13.0	77	0.00
44	T,M	Benzene	10.000	9.801	2.0	89	0.00
45	T,M	Trichloroethene	10.000	10.277	-2.8	93	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.298	7.0	84	0.00
48	T	1,4-Dioxane	200.000	219.157	-9.6	96	0.00
49	T	Bromodichloromethane	10.000	9.169	8.3	81	0.00
50	T	Dibromomethane	10.000	9.289	7.1	83	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.540	84.6#	16	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	41.888	16.2	74	0.00
53	T	cis-1,3-Dichloropropene	10.000	8.988	10.1	81	0.00
54	S	Toluene-d8	10.000	9.930	0.7	90	0.00
55	C,T,M	Toluene	10.000	9.533	4.7	86	0.00
56	T	Ethyl methacrylate	10.000	8.524	14.8	76	0.00
57	T	trans-1,3-Dichloropropene	10.000	8.539	14.6	75	0.00
58	T	2-Hexanone	50.000	45.457	9.1	79	0.00
59	T	1,1,2-Trichloroethane	10.000	9.169	8.3	83	-0.01
60	T	1,3-Dichloropropane	10.000	8.594	14.1	77	-0.01
61	T	Tetrachloroethene	10.000	9.960	0.4	92	0.00
62	T	Dibromochloromethane	10.000	8.800	12.0	78	0.00
63	T	1,2-Dibromoethane	10.000	9.290	7.1	81	-0.01
64	T	1-Chlorohexane	10.000	10.000	0.0	90	0.00
65	P,M	Chlorobenzene	10.000	9.544	4.6	85	0.00
66	C,T	Ethylbenzene	10.000	9.372	6.3	83	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.011	9.9	81	0.00
68	T	m-Xylene & p-Xylene	20.000	19.268	3.7	83	-0.01
69	T	o-Xylene	10.000	9.816	1.8	85	0.00
70	T	Styrene	10.000	10.330	-3.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	104	0.00
72	T	Isopropylbenzene	10.000	8.923	10.8	92	-0.01
73	P,T	Bromoform	10.000	8.943	10.6	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	8.654	13.5	91	0.00
75	S	4-Bromofluorobenzene	10.000	9.150	8.5	99	0.00
76	T	1,2,3-Trichloropropane	10.000	8.711	12.9	92	-0.01
77	T	trans-1,4-Dichloro-2-butene	10.000	6.485	35.1#	74	-0.01 NT
78	T	n-Propylbenzene	10.000	9.265	7.3	96	0.00
79	T	Bromobenzene	10.000	9.447	5.5	102	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.305	7.0	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D Vial: 3
Acq On : 13 Sep 2010 10:53 am Operator: AS
Sample : CVO94H1135 10ppb Inst : TO94
Misc : 10ppb8260/50ppbKET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.433	5.7	100	-0.01
82	T	4-Chlorotoluene	10.000	8.007	19.9	86	0.00
83	T	tert-Butylbenzene	10.000	9.421	5.8	102	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.170	8.3	96	0.00
85	T	sec-Butylbenzene	10.000	9.964	0.4	101	-0.01
86	T	p-Isopropyltoluene	10.000	9.788	2.1	100	0.00
87	T	1,3-Dichlorobenzene	10.000	9.298	7.0	99	0.00
88	T	1,4-Dichlorobenzene	10.000	9.277	7.2	99	0.00
89	T	n-Butylbenzene	10.000	9.709	2.9	101	0.00
90	T	1,2-Dichlorobenzene	10.000	9.023	9.8	96	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.793	12.1	97	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.242	7.6	96	0.00
93	T	Hexachlorobutadiene	10.000	10.753	-7.5	114	0.00
94	T	Naphthalene	10.000	7.933	20.7#	89	0.00
95	T	1,2,3-Trichlorobenzene	10.000	7.894	21.1#	89	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	96	-0.01
2	T	Dichlorodifluoromethane	0.292	0.260	11.0	78	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.478	22.7#	68	0.00
5	C,T	Vinyl chloride	0.543	0.470	13.4	75	0.00
6	T	Bromomethane	0.293	0.281	4.1	86	0.00
7	T	Chloroethane	0.309	0.310	-0.3	89	0.00
8	T	Dichlorofluoromethane	0.742	0.780	-5.1	99	0.00
9	T	Trichlorofluoromethane	0.326	0.392	-20.2#	102	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	61	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.255	-17.0	114	-0.01
13	T	Acetone	0.029	0.025	13.8	86	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.577	-0.2	96	0.00
15	T	tert-Butyl alcohol	0.013	0.008	38.5#	62	0.00
16	T	Acetonitrile	0.015	0.011	26.7#	79	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.605	6.6	90	0.00
19	T	Methylene chloride	0.430	0.377	12.3	87	0.00
20	T	Carbon disulfide	1.196	1.112	7.0	86	-0.01
21	T	Acrylonitrile	0.039	0.033	15.4	80	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.260	13.6	84	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.463	8.7	87	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.883	9.4	87	0.00
25	T	Vinyl acetate	0.280	0.298	-6.4	97	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.548	9.1	87	-0.01
27	T	2-Butanol	0.008	0.008	0.0	104	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.348	21.6#	75	-0.01
29	T	2-Butanone	0.051	0.040	21.6#	81	0.00
30	T	2,2-Dichloropropane	0.239	0.220	7.9	87	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.297	5.7	92	0.00
32	C,T	Chloroform	0.486	0.438	9.9	87	-0.01
33	T	Bromochloromethane	0.219	0.189	13.7	83	-0.01
34	T	Tetrahydrofuran	0.026	0.021	19.2	79	0.00
35	S	Dibromofluoromethane	0.289	0.288	0.3	95	0.00
36	T	1,1,1-Trichloroethane	0.333	0.306	8.1	87	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.045	22.4#	76	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.157	14.2	82	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.190	-7.3	97	0.00
42	T	Carbon tetrachloride	0.412	0.406	1.5	89	-0.01
43	T	1,2-Dichloroethane	0.262	0.228	13.0	77	0.00
44	T,M	Benzene	1.523	1.493	2.0	89	0.00
45	T,M	Trichloroethene	0.432	0.444	-2.8	93	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.332	7.0	84	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	96	0.00
49	T	Bromodichloromethane	0.378	0.346	8.5	81	0.00
50	T	Dibromomethane	0.124	0.116	6.5	83	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.008	84.9#	16#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.113	16.3	74	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.421	10.0	81	0.00
54	S	Toluene-d8	1.225	1.216	0.7	90	0.00
55	C,T,M	Toluene	1.395	1.330	4.7	86	0.00
56	T	Ethyl methacrylate	0.203	0.173	14.8	76	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.264	14.6	75	0.00
58	T	2-Hexanone	0.081	0.073	9.9	79	0.00
59	T	1,1,2-Trichloroethane	0.153	0.140	8.5	83	-0.01
60	T	1,3-Dichloropropane	0.317	0.272	14.2	77	-0.01
61	T	Tetrachloroethene	0.329	0.327	0.6	92	0.00
62	T	Dibromochloromethane	0.249	0.219	12.0	78	0.00
63	T	1,2-Dibromoethane	0.163	0.152	6.7	81	-0.01
64	T	1-Chlorohexane	0.637	0.637	0.0	90	0.00
65	P,M	Chlorobenzene	0.886	0.846	4.5	85	0.00
66	C,T	Ethylbenzene	1.594	1.494	6.3	83	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.286	9.8	81	0.00
68	T	m-Xylene & p-Xylene	1.167	1.124	3.7	83	-0.01
69	T	o-Xylene	1.140	1.119	1.8	85	0.00
70	T	Styrene	0.847	0.875	-3.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	104	0.00
72	T	Isopropylbenzene	4.602	4.106	10.8	92	-0.01
73	P,T	Bromoform	0.324	0.290	10.5	94	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.435	13.5	91	0.00
75	S	4-Bromofluorobenzene	1.085	0.993	8.5	99	0.00
76	T	1,2,3-Trichloropropane	0.113	0.098	13.3	92	-0.01
77	T	trans-1,4-Dichloro-2-butene	0.108	0.070	35.2#	74	-0.01
78	T	n-Propylbenzene	5.796	5.370	7.3	96	0.00
79	T	Bromobenzene	1.014	0.958	5.5	102	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.188	6.9	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID203.D
Acq On : 13 Sep 2010 10:53 am
Sample : CVO94H1135 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.345	5.7	100	-0.01
82	T	4-Chlorotoluene	2.404	1.925	19.9	86	0.00
83	T	tert-Butylbenzene	0.936	0.881	5.9	102	0.00
84	T	1,2,4-Trimethylbenzene	3.183	2.919	8.3	96	0.00
85	T	sec-Butylbenzene	4.880	4.862	0.4	101	-0.01
86	T	p-Isopropyltoluene	3.956	3.872	2.1	100	0.00
87	T	1,3-Dichlorobenzene	2.025	1.883	7.0	99	0.00
88	T	1,4-Dichlorobenzene	1.888	1.751	7.3	99	0.00
89	T	n-Butylbenzene	4.003	3.887	2.9	101	0.00
90	T	1,2-Dichlorobenzene	1.492	1.346	9.8	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.058	12.1	97	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.559	7.6	96	0.00
93	T	Hexachlorobutadiene	0.485	0.521	-7.4	114	0.00
94	T	Naphthalene	0.645	0.602	6.7	89	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.336	11.8	89	-0.01

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID226
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1D1148
BFB Injection Date : 09/14/10
BFB Injection Time : 01:25
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.09
75	30.0 - 60.0% of mass 95	43.64
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.36
173	Less than 2.0% of mass 174	0.00(0.00)1
174	Greater than 50% of mass 95	84.45
175	5.0 - 9.0% of mass 174	6.21(7.42)1
176	95.0 - 101.0% of mass 174	81.87(96.91)1
177	5.0 - 9.0% of mass 176	5.16(6.30)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H136	RID227	09/14/10	02:02
2	MBLK2W	V094I110	RID232	09/14/10	05:07
3	LCS2W	V094I11L	RID228	09/14/10	02:40
4	LCD2W	V094I11Y	RID243	09/14/10	11:19
5	MW-70-MNA04-A10	I148-07	RID233	09/14/10	05:44
6	MW-70-MNA05-A10	I148-08	RID234	09/14/10	06:22
7	MW-70-MNA06-A10	I148-09	RID235	09/14/10	07:00
8	MW-70-MNA06-A10-D	I148-10	RID236	09/14/10	07:36
9	MW-70-MNA02-A10	I148-06	RID239	09/14/10	09:27
10	MW-70-MNA02-A10MS	I148-06M	RID240	09/14/10	10:03
11	MW-70-MNA02-A10MSD	I148-06S	RID241	09/14/10	10:42

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: ENXT
Lab File ID: RH0320
Instrument ID: TD94
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101148
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1299659	14.00	1060800	18.69	412209	22.00
2	MBLK2W	1279230	14.00	1035284	18.68	345724	22.00
3	LCS2W	1362822	14.00	1125270	18.69	410599	22.01
4	LCD2W	1356110	14.00	1098419	18.68	409757	22.00
5	MW-70-MNA04-A10	1340588	14.00	1054784	18.69	373029	22.00
6	MW-70-MNA05-A10	1396747	14.00	1133952	18.69	388400	22.00
7	MW-70-MNA06-A10	1358934	14.00	1049270	18.69	375882	22.00
8	MW-70-MNA06-A10-D	1320201	14.00	1057118	18.69	347267	22.00
9	MW-70-MNA02-A10	1376873	14.00	1077792	18.68	374475	22.00
10	MW-70-MNA02-A10MS	1305031	14.00	1005524	18.69	430364	21.99
11	MW-70-MNA02-A10MSD	1291428	14.00	981706	18.68	405981	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	84	-0.01
2	T	Dichlorodifluoromethane	10.000	9.524	4.8	73	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	9.150	8.5	70	0.00
5	C,T	Vinyl chloride	10.000	9.648	3.5	73	0.00
6	T	Bromomethane	10.000	10.272	-2.7	81	0.00
7	T	Chloroethane	10.000	10.730	-7.3	84	0.00
8	T	Dichlorofluoromethane	10.000	10.807	-8.1	89	0.00
9	T	Trichlorofluoromethane	10.000	10.800	-8.0	92	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	34.334	31.3#	56	-0.01 NT
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.152	-11.5	95	-0.01
13	T	Acetone	50.000	46.475	7.0	84	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.274	-2.7	86	0.00
15	T	tert-Butyl alcohol	50.000	37.237	25.5#	63	0.00 MT
16	T	Acetonitrile	100.000	84.856	15.1	79	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.954	0.5	84	0.00
19	T	Methylene chloride	10.000	9.941	0.6	86	0.02
20	T	Carbon disulfide	10.000	8.930	10.7	72	0.00
21	T	Acrylonitrile	50.000	49.475	1.0	82	0.00
22	T	tert-Butyl methyl ether (MT	10.000	9.599	4.0	82	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.904	1.0	83	0.00
24	T	Isopropyl ether (DIPE)	10.000	10.192	-1.9	86	0.00
25	T	Vinyl acetate	10.000	11.427	-14.3	91	-0.01
26	P,T	1,1-Dichloroethane	10.000	10.058	-0.6	85	-0.01
27	T	2-Butanol	50.000	53.828	-7.7	99	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	8.365	16.3	70	-0.01
29	T	2-Butanone	50.000	47.242	5.5	85	-0.01
30	T	2,2-Dichloropropane	10.000	8.036	19.6	67	-0.01
31	T	cis-1,2-Dichloroethene	10.000	10.370	-3.7	89	0.00
32	C,T	Chloroform	10.000	10.118	-1.2	85	-0.01
33	T	Bromochloromethane	10.000	9.816	1.8	83	-0.01
34	T	Tetrahydrofuran	10.000	8.958	10.4	77	0.00
35	S	Dibromofluoromethane	10.000	10.151	-1.5	85	0.00
36	T	1,1,1-Trichloroethane	10.000	9.742	2.6	81	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00
38	T	tert-Amyl methyl ether (TAM	10.000	8.235	17.7	71	0.00
39	S	1,2-Dichloroethane-d4	10.000	9.106	8.9	76	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	82	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	10.562	-5.6	89	0.00
42	T	Carbon tetrachloride	10.000	9.830	1.7	82	-0.01
43	T	1,2-Dichloroethane	10.000	9.501	5.0	78	0.00
44	T,M	Benzene	10.000	10.066	-0.7	85	0.00
45	T,M	Trichloroethene	10.000	10.784	-7.8	91	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	9.958	0.4	83	0.00
48	T	1,4-Dioxane	200.000	209.896	-4.9	85	0.00
49	T	Bromodichloromethane	10.000	9.764	2.4	80	0.00
50	T	Dibromomethane	10.000	9.980	0.2	83	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.647	83.5#	16	0.00
52	T	4-Methyl-2-pentanone	50.000	46.409	7.2	76	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.249	7.5	77	0.00
54	S	Toluene-d8	10.000	9.476	5.2	80	0.00
55	C,T,M	Toluene	10.000	9.827	1.7	82	0.00
56	T	Ethyl methacrylate	10.000	9.196	8.0	76	0.00
57	T	trans-1,3-Dichloropropene	10.000	8.956	10.4	73	0.00
58	T	2-Hexanone	50.000	49.804	0.4	80	0.00
59	T	1,1,2-Trichloroethane	10.000	10.028	-0.3	84	0.00
60	T	1,3-Dichloropropane	10.000	9.401	6.0	78	-0.01
61	T	Tetrachloroethene	10.000	9.969	0.3	85	0.00
62	T	Dibromochloromethane	10.000	9.779	2.2	81	0.00
63	T	1,2-Dibromoethane	10.000	10.102	-1.0	82	-0.01
64	T	1-Chlorohexane	10.000	10.095	-1.0	84	0.00
65	P,M	Chlorobenzene	10.000	10.161	-1.6	84	0.00
66	C,T	Ethylbenzene	10.000	9.895	1.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.795	2.1	82	0.00
68	T	m-Xylene & p-Xylene	20.000	20.527	-2.6	82	0.00
69	T	o-Xylene	10.000	10.426	-4.3	83	0.00
70	T	Styrene	10.000	11.015	-10.2	89	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	96	0.00
72	T	Isopropylbenzene	10.000	9.323	6.8	89	-0.01
73	P,T	Bromoform	10.000	9.544	4.6	92	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.266	7.3	90	0.00
75	S	4-Bromofluorobenzene	10.000	8.845	11.5	88	0.00
76	T	1,2,3-Trichloropropane	10.000	9.224	7.8	90	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	6.438	35.6#	68	0.00
78	T	n-Propylbenzene	10.000	9.437	5.6	91	0.00
79	T	Bromobenzene	10.000	9.830	1.7	98	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.486	5.1	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
81	T	2-Chlorotoluene	10.000	9.373	6.3	92	0.00	
82	T	4-Chlorotoluene	10.000	8.846	11.5	87	0.00	
83	T	tert-Butylbenzene	10.000	9.499	5.0	95	0.00	
84	T	1,2,4-Trimethylbenzene	10.000	9.564	4.4	93	0.00	
85	T	sec-Butylbenzene	10.000	10.115	-1.2	95	-0.01	
86	T	p-Isopropyltoluene	10.000	9.951	0.5	94	0.00	
87	T	1,3-Dichlorobenzene	10.000	9.802	2.0	97	0.00	
88	T	1,4-Dichlorobenzene	10.000	9.788	2.1	97	0.00	
89	T	n-Butylbenzene	10.000	9.442	5.6	90	0.00	
90	T	1,2-Dichlorobenzene	10.000	9.739	2.6	96	0.00	
91	T	1,2-Dibromo-3-chloropropane	10.000	9.309	6.9	95	0.00	
92	T	1,2,4-Trichlorobenzene	10.000	9.329	6.7	90	0.00	
93	T	Hexachlorobutadiene	10.000	11.114	-11.1	109	0.00	
94	T	Naphthalene	10.000	7.866	21.3#	81	0.00	±20% Para
95	T	1,2,3-Trichlorobenzene	10.000	7.958	20.4#	83	0.00	rounds In

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	84	-0.01
2	T	Dichlorodifluoromethane	0.292	0.278	4.8	73	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.566	8.4	70	0.00
5	C,T	Vinyl chloride	0.543	0.524	3.5	73	0.00
6	T	Bromomethane	0.293	0.301	-2.7	81	0.00
7	T	Chloroethane	0.309	0.332	-7.4	84	0.00
8	T	Dichlorofluoromethane	0.742	0.802	-8.1	89	0.00
9	T	Trichlorofluoromethane	0.326	0.405	-24.2#	92	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	56	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.243	-11.5	95	-0.01
13	T	Acetone	0.029	0.027	6.9	84	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.592	-2.8	86	0.00
15	T	tert-Butyl alcohol	0.013	0.009	30.8#	63	0.00
16	T	Acetonitrile	0.015	0.013	13.3	79	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.645	0.5	84	0.00
19	T	Methylene chloride	0.430	0.428	0.5	86	0.02
20	T	Carbon disulfide	1.196	1.068	10.7	72	0.00
21	T	Acrylonitrile	0.039	0.038	2.6	82	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.289	4.0	82	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.502	1.0	83	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.994	-1.9	86	0.00
25	T	Vinyl acetate	0.280	0.320	-14.3	91	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.607	-0.7	85	-0.01
27	T	2-Butanol	0.008	0.009	-12.5	99	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.372	16.2	70	-0.01
29	T	2-Butanone	0.051	0.048	5.9	85	-0.01
30	T	2,2-Dichloropropane	0.239	0.192	19.7	67	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.326	-3.5	89	0.00
32	C,T	Chloroform	0.486	0.492	-1.2	85	-0.01
33	T	Bromochloromethane	0.219	0.215	1.8	83	-0.01
34	T	Tetrahydrofuran	0.026	0.024	7.7	77	0.00
35	S	Dibromofluoromethane	0.289	0.293	-1.4	85	0.00
36	T	1,1,1-Trichloroethane	0.333	0.324	2.7	81	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.048	17.2	71	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.167	8.7	76	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	82	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.187	-5.6	89	0.00
42	T	Carbon tetrachloride	0.412	0.405	1.7	82	-0.01
43	T	1,2-Dichloroethane	0.262	0.249	5.0	78	0.00
44	T,M	Benzene	1.523	1.533	-0.7	85	0.00
45	T,M	Trichloroethene	0.432	0.466	-7.9	91	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.355	0.6	83	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	85	0.00
49	T	Bromodichloromethane	0.378	0.369	2.4	80	0.00
50	T	Dibromomethane	0.124	0.124	0.0	83	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.009	83.0#	16#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.125	7.4	76	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.433	7.5	77	0.00
54	S	Toluene-d8	1.225	1.160	5.3	80	0.00
55	C,T,M	Toluene	1.395	1.371	1.7	82	0.00
56	T	Ethyl methacrylate	0.203	0.187	7.9	76	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.277	10.4	73	0.00
58	T	2-Hexanone	0.081	0.080	1.2	80	0.00
59	T	1,1,2-Trichloroethane	0.153	0.153	0.0	84	0.00
60	T	1,3-Dichloropropane	0.317	0.298	6.0	78	-0.01
61	T	Tetrachloroethene	0.329	0.328	0.3	85	0.00
62	T	Dibromochloromethane	0.249	0.243	2.4	81	0.00
63	T	1,2-Dibromoethane	0.163	0.165	-1.2	82	-0.01
64	T	1-Chlorohexane	0.637	0.643	-0.9	84	0.00
65	P,M	Chlorobenzene	0.886	0.901	-1.7	84	0.00
66	C,T	Ethylbenzene	1.594	1.577	1.1	81	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.311	1.9	82	0.00
68	T	m-Xylene & p-Xylene	1.167	1.197	-2.6	82	0.00
69	T	o-Xylene	1.140	1.188	-4.2	83	0.00
70	T	Styrene	0.847	0.933	-10.2	89	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	96	0.00
72	T	Isopropylbenzene	4.602	4.290	6.8	89	-0.01
73	P,T	Bromoform	0.324	0.309	4.6	92	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.466	7.4	90	0.00
75	S	4-Bromofluorobenzene	1.085	0.959	11.6	88	0.00
76	T	1,2,3-Trichloropropane	0.113	0.104	8.0	90	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.069	36.1#	68	0.00
78	T	n-Propylbenzene	5.796	5.470	5.6	91	0.00
79	T	Bromobenzene	1.014	0.997	1.7	98	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.250	5.1	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I13\RID227.D
Acq On : 14 Sep 2010 2:02 am
Sample : CVO94H1136 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.324	6.3	92	0.00
82	T	4-Chlorotoluene	2.404	2.127	11.5	87	0.00
83	T	tert-Butylbenzene	0.936	0.889	5.0	95	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.044	4.4	93	0.00
85	T	sec-Butylbenzene	4.880	4.936	-1.1	95	-0.01
86	T	p-Isopropyltoluene	3.956	3.936	0.5	94	0.00
87	T	1,3-Dichlorobenzene	2.025	1.985	2.0	97	0.00
88	T	1,4-Dichlorobenzene	1.888	1.848	2.1	97	0.00
89	T	n-Butylbenzene	4.003	3.780	5.6	90	0.00
90	T	1,2-Dichlorobenzene	1.492	1.453	2.6	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.061	7.6	95	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.564	6.8	90	0.00
93	T	Hexachlorobutadiene	0.485	0.539	-11.1	109	0.00
94	T	Naphthalene	0.645	0.597	7.4	81	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.339	11.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RI0246
Instrument ID: T094
GC Column: RTX502.2 10:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101148
BFB Injection Date : 09/14/10
BFB Injection Time : 14:21
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.77
75	30.0 - 60.0% of mass 95	42.80
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	5.85
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	84.66
175	5.0 - 9.0% of mass 174	6.55(7.7)1
176	95.0 - 101.0% of mass 174	80.95(95.6)1
177	5.0 - 9.0% of mass 176	5.18(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094M1137	RID248	09/14/10	15:35
2	MBLK3W	V094112U	RID253	09/14/10	18:38
3	LCS3W	V094112L	RID255	09/14/10	19:19
4	LCD3W	V094112C	RID256	09/14/10	19:48
5	MW-70-MNAD4-A100L	I140-07T	RID257	09/14/10	21:06
6	MW-70-PMW13B-A100L	I140-04T	RID258	09/14/10	21:43
7	MW-70-PMW13A-A100L	I140-03T	RID259	09/14/10	22:20
8	MW-70-MNA11-A10	1148-11R	RID260	09/14/10	22:57

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXI
Lab File ID: RH0320
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101140
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1385281	14.00	1021516	18.69	421195	22.00
2	MBLK3W	1334959	14.01	1066370	18.69	355068	22.01
3	LCS3W	1350693	14.00	1068043	18.68	404043	22.00
4	LCD3W	1295017	14.00	974613	18.68	396379	22.00
5	MW-70-MNA04-A100L	1258323	14.00	984807	18.68	331607	22.00
6	MW-70-PMW13B-A100L	1391503	14.00	1122091	18.69	339412	22.01
7	MW-70-PMW13A-A100L	1277236	14.00	1031164	18.69	331230	22.00
8	MW-70-MNA11-A10	1344298	14.00	1076068	18.69	366047	22.01

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	90	-0.01
2	T	Dichlorodifluoromethane	10.000	11.914	-19.1	97	-0.01
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	9.458	5.4	78	0.00
5	C,T	Vinyl chloride	10.000	9.468	5.3	77	-0.01
6	T	Bromomethane	10.000	10.988	-9.9	92	-0.01
7	T	Chloroethane	10.000	11.009	-10.1	92	-0.01
8	T	Dichlorofluoromethane	10.000	10.402	-4.0	91	-0.01
9	T	Trichlorofluoromethane	10.000	10.700	-7.0	97	-0.03
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	35.922	28.2#	62	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.619	-16.2	106	-0.03
13	T	Acetone	50.000	44.338	11.3	85	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.304	-3.0	92	-0.01
15	T	tert-Butyl alcohol	50.000	35.057	29.9#	63	-0.01
16	T	Acetonitrile	100.000	75.456	24.5#	74	-0.01
17	T	Methyl acetate	-1.000	0.000	0.0	0	-0.01
18	T	Iodomethane	10.000	9.611	3.9	87	-0.01
19	T	Methylene chloride	10.000	9.291	7.1	86	0.00
20	T	Carbon disulfide	10.000	8.385	16.2	73	-0.01
21	T	Acrylonitrile	50.000	44.192	11.6	78	-0.01
22	T	tert-Butyl methyl ether (MT	10.000	8.084	19.2	73	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.570	4.3	85	-0.01
24	T	Isopropyl ether (DIPE)	10.000	9.547	4.5	85	-0.01
25	T	Vinyl acetate	10.000	10.847	-8.5	92	-0.01
26	P,T	1,1-Dichloroethane	10.000	9.600	4.0	86	-0.01
27	T	2-Butanol	50.000	47.947	4.1	94	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	6.767	32.3#	60	-0.01
29	T	2-Butanone	50.000	40.528	18.9	77	-0.01
30	T	2,2-Dichloropropane	10.000	9.429	5.7	84	-0.01
31	T	cis-1,2-Dichloroethene	10.000	9.962	0.4	91	-0.01
32	C,T	Chloroform	10.000	9.602	4.0	86	-0.01
33	T	Bromochloromethane	10.000	9.100	9.0	82	-0.01
34	T	Tetrahydrofuran	10.000	7.963	20.4#	73	0.00
35	S	Dibromofluoromethane	10.000	9.991	0.1	89	-0.01
36	T	1,1,1-Trichloroethane	10.000	9.536	4.6	84	-0.01
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	6.613	33.9#	61	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.648	13.5	77	-0.01
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	79	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.577	-15.8	94	0.00
42	T	Carbon tetrachloride	10.000	10.885	-8.8	87	-0.01
43	T	1,2-Dichloroethane	10.000	9.734	2.7	77	-0.01
44	T,M	Benzene	10.000	10.811	-8.1	88	0.00
45	T,M	Trichloroethene	10.000	11.130	-11.3	90	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.261	-2.6	82	-0.01
48	T	1,4-Dioxane	200.000	226.538	-13.3	88	0.00
49	T	Bromodichloromethane	10.000	10.069	-0.7	80	-0.01
50	T	Dibromomethane	10.000	10.013	-0.1	80	-0.01
51	T	2-Chloroethyl vinyl ether	10.000	1.608	83.9#	15	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	43.852	12.3	69	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.726	2.7	78	0.00
54	S	Toluene-d8	10.000	10.246	-2.5	83	0.00
55	C,T,M	Toluene	10.000	10.343	-3.4	83	0.00
56	T	Ethyl methacrylate	10.000	8.949	10.5	71	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.262	7.4	73	0.00
58	T	2-Hexanone	50.000	46.759	6.5	73	0.00
59	T	1,1,2-Trichloroethane	10.000	9.958	0.4	80	-0.01
60	T	1,3-Dichloropropane	10.000	9.207	7.9	74	-0.01
61	T	Tetrachloroethene	10.000	10.593	-5.9	87	0.00
62	T	Dibromochloromethane	10.000	9.404	6.0	75	0.00
63	T	1,2-Dibromoethane	10.000	9.775	2.2	77	-0.01
64	T	1-Chlorohexane	10.000	10.606	-6.1	85	0.00
65	P,M	Chlorobenzene	10.000	9.969	0.3	79	0.00
66	C,T	Ethylbenzene	10.000	9.909	0.9	78	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.517	4.8	76	0.00
68	T	m-Xylene & p-Xylene	20.000	20.248	-1.2	78	-0.01
69	T	o-Xylene	10.000	10.225	-2.2	79	0.00
70	T	Styrene	10.000	10.745	-7.4	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	98	0.00
72	T	Isopropylbenzene	10.000	8.835	11.6	86	-0.01
73	P,T	Bromoform	10.000	8.847	11.5	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	8.894	11.1	88	0.00
75	S	4-Bromofluorobenzene	10.000	8.603	14.0	87	0.00
76	T	1,2,3-Trichloropropane	10.000	8.923	10.8	89	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.159	28.4#	77	0.00 NT
78	T	n-Propylbenzene	10.000	9.254	7.5	91	0.00
79	T	Bromobenzene	10.000	9.425	5.7	96	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.560	4.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D Vial: 3
Acq On : 14 Sep 2010 3:35 pm Operator: AS
Sample : CVO94H1137 10ppb Inst : TO94
Misc : 10ppb8260/50ppbKET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.264	7.4	93	-0.01
82	T	4-Chlorotoluene	10.000	8.898	11.0	90	0.00
83	T	tert-Butylbenzene	10.000	9.563	4.4	98	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.574	4.3	95	0.00
85	T	sec-Butylbenzene	10.000	10.286	-2.9	99	0.00
86	T	p-Isopropyltoluene	10.000	10.241	-2.4	98	0.00
87	T	1,3-Dichlorobenzene	10.000	9.691	3.1	98	0.00
88	T	1,4-Dichlorobenzene	10.000	9.664	3.4	97	0.00
89	T	n-Butylbenzene	10.000	10.209	-2.1	100	0.00
90	T	1,2-Dichlorobenzene	10.000	9.468	5.3	95	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.848	11.5	92	0.02
92	T	1,2,4-Trichlorobenzene	10.000	9.589	4.1	94	0.00
93	T	Hexachlorobutadiene	10.000	11.572	-15.7	116	0.00
94	T	Naphthalene	10.000	7.918	20.8#	84	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.190	18.1	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	-0.01
2	T	Dichlorodifluoromethane	0.292	0.348	-19.2	97	-0.01
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.585	5.3	78	0.00
5	C,T	Vinyl chloride	0.543	0.514	5.3	77	-0.01
6	T	Bromomethane	0.293	0.322	-9.9	92	-0.01
7	T	Chloroethane	0.309	0.341	-10.4	92	-0.01
8	T	Dichlorofluoromethane	0.742	0.772	-4.0	91	-0.01
9	T	Trichlorofluoromethane	0.326	0.401	-23.0#	97	-0.03
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	62	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.253	-16.1	106	-0.03
13	T	Acetone	0.029	0.026	10.3	85	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.594	-3.1	92	-0.01
15	T	tert-Butyl alcohol	0.013	0.009	30.8#	63	-0.01
16	T	Acetonitrile	0.015	0.011	26.7#	74	-0.01
17	T	Methyl acetate	0.000	0.000	0.0	0#	-0.01
18	T	Iodomethane	0.648	0.623	3.9	87	-0.01
19	T	Methylene chloride	0.430	0.400	7.0	86	0.00
20	T	Carbon disulfide	1.196	1.003	16.1	73	-0.01
21	T	Acrylonitrile	0.039	0.034	12.8	78	-0.01
22	T	tert-Butyl methyl ether (MT	0.301	0.243	19.3	73	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.486	4.1	85	-0.01
24	T	Isopropyl ether (DIPE)	0.975	0.931	4.5	85	-0.01
25	T	Vinyl acetate	0.280	0.304	-8.6	92	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.579	4.0	86	-0.01
27	T	2-Butanol	0.008	0.008	0.0	94	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.301	32.2#	60	-0.01
29	T	2-Butanone	0.051	0.041	19.6	77	-0.01
30	T	2,2-Dichloropropane	0.239	0.225	5.9	84	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.314	0.3	91	-0.01
32	C,T	Chloroform	0.486	0.466	4.1	86	-0.01
33	T	Bromochloromethane	0.219	0.199	9.1	82	-0.01
34	T	Tetrahydrofuran	0.026	0.021	19.2	73	0.00
35	S	Dibromofluoromethane	0.289	0.289	0.0	89	-0.01
36	T	1,1,1-Trichloroethane	0.333	0.317	4.8	84	-0.01
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.038	34.5#	61	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.158	13.7	77	-0.01
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	79	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CV094H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.205	-15.8	94	0.00
42	T	Carbon tetrachloride	0.412	0.449	-9.0	87	-0.01
43	T	1,2-Dichloroethane	0.262	0.255	2.7	77	-0.01
44	T,M	Benzene	1.523	1.647	-8.1	88	0.00
45	T,M	Trichloroethene	0.432	0.481	-11.3	90	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.366	-2.5	82	-0.01
48	T	1,4-Dioxane	0.001	0.001	0.0	88	0.00
49	T	Bromodichloromethane	0.378	0.380	-0.5	80	-0.01
50	T	Dibromomethane	0.124	0.125	-0.8	80	-0.01
51	T	2-Chloroethyl vinyl ether	0.053	0.008	84.9#	15#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.118	12.6	69	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.455	2.8	78	0.00
54	S	Toluene-d8	1.225	1.255	-2.4	83	0.00
55	C,T,M	Toluene	1.395	1.443	-3.4	83	0.00
56	T	Ethyl methacrylate	0.203	0.182	10.3	71	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.286	7.4	73	0.00
58	T	2-Hexanone	0.081	0.075	7.4	73	0.00
59	T	1,1,2-Trichloroethane	0.153	0.152	0.7	80	-0.01
60	T	1,3-Dichloropropane	0.317	0.292	7.9	74	-0.01
61	T	Tetrachloroethene	0.329	0.348	-5.8	87	0.00
62	T	Dibromochloromethane	0.249	0.234	6.0	75	0.00
63	T	1,2-Dibromoethane	0.163	0.160	1.8	77	-0.01
64	T	1-Chlorohexane	0.637	0.676	-6.1	85	0.00
65	P,M	Chlorobenzene	0.886	0.883	0.3	79	0.00
66	C,T	Ethylbenzene	1.594	1.580	0.9	78	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.302	4.7	76	0.00
68	T	m-Xylene & p-Xylene	1.167	1.181	-1.2	78	-0.01
69	T	o-Xylene	1.140	1.166	-2.3	79	0.00
70	T	Styrene	0.847	0.910	-7.4	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	98	0.00
72	T	Isopropylbenzene	4.602	4.065	11.7	86	-0.01
73	P,T	Bromoform	0.324	0.287	11.4	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.447	11.1	88	0.00
75	S	4-Bromofluorobenzene	1.085	0.933	14.0	87	0.00
76	T	1,2,3-Trichloropropane	0.113	0.101	10.6	89	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.077	28.7#	77	0.00
78	T	n-Propylbenzene	5.796	5.363	7.5	91	0.00
79	T	Bromobenzene	1.014	0.956	5.7	96	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.276	4.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.285	7.4	93	-0.01
82	T	4-Chlorotoluene	2.404	2.139	11.0	90	0.00
83	T	tert-Butylbenzene	0.936	0.895	4.4	98	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.048	4.2	95	0.00
85	T	sec-Butylbenzene	4.880	5.020	-2.9	99	0.00
86	T	p-Isopropyltoluene	3.956	4.051	-2.4	98	0.00
87	T	1,3-Dichlorobenzene	2.025	1.963	3.1	98	0.00
88	T	1,4-Dichlorobenzene	1.888	1.824	3.4	97	0.00
89	T	n-Butylbenzene	4.003	4.087	-2.1	100	0.00
90	T	1,2-Dichlorobenzene	1.492	1.412	5.4	95	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.058	12.1	92	0.02
92	T	1,2,4-Trichlorobenzene	0.605	0.580	4.1	94	0.00
93	T	Hexachlorobutadiene	0.485	0.561	-15.7	116	0.00
94	T	Naphthalene	0.645	0.601	6.8	84	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.349	8.4	87	0.00

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID273
Instrument ID: TO94
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101148
BFB Injection Date : 09/15/10
BFB Injection Time : 09:38
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.41
75	30.0 - 60.0% of mass 95	45.27
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.18
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	87.91
175	5.0 - 9.0% of mass 174	6.49(7.4)1
176	95.0 - 101.0% of mass 174	85.31(97.0)1
177	5.0 - 9.0% of mass 176	5.26(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1138	RID274	09/15/10	10:18
2	MBLK4W	VO941130	RID279	09/15/10	13:23
3	LCS4W	VO941130	RID275	09/15/10	10:54
4	LCD4W	VO941130	RID276	09/15/10	11:32
5	MW-70-PMW11B-A10DL	I148-02T	RID287	09/15/10	18:17

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHD320
Instrument ID: IO94
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101148
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
SAMPLE ID						
1 VSTD010	1346444	14.00	980548	18.68	406563	22.00
2 MBLK4W	1304428	14.00	1040495	18.69	343604	22.00
3 LCS4W	1295497	14.00	962742	18.68	406766	22.00
4 LCD4W	1318158	14.00	985261	18.68	409619	22.00
5 MW-70-PMW118-A100L	1231951	14.01	963450	18.69	313662	22.01

IS1 (DFB) - 1,4-Difluorobenzene
IS2 (CBZ) - Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.
page 1 of 1

FORM VIII VOA-0260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CV094H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	10.000	11.459	-14.6	91	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.869	11.3	71	0.00
5	C,T	Vinyl chloride	10.000	9.164	8.4	72	0.00
6	T	Bromomethane	10.000	10.140	-1.4	82	0.00
7	T	Chloroethane	10.000	10.130	-1.3	82	0.00
8	T	Dichlorofluoromethane	10.000	10.463	-4.6	89	0.00
9	T	Trichlorofluoromethane	10.000	10.376	-3.8	92	-0.02
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	30.983	38.0#	52	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.583	-15.8	102	0.00
13	T	Acetone	50.000	44.155	11.7	83	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.427	-4.3	91	0.00
15	T	tert-Butyl alcohol	50.000	33.484	33.0#	59	0.00
16	T	Acetonitrile	100.000	79.468	20.5#	76	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.334	6.7	82	0.00
19	T	Methylene chloride	10.000	9.224	7.8	83	0.00
20	T	Carbon disulfide	10.000	8.275	17.2	70	0.00
21	T	Acrylonitrile	50.000	44.709	10.6	77	0.00
22	T	tert-Butyl methyl ether (MT	10.000	9.315	6.9	82	0.00
23	T	trans-1,2-Dichloroethene	10.000	9.635	3.7	83	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.926	0.7	86	0.00
25	T	Vinyl acetate	10.000	10.306	-3.1	85	0.00
26	P,T	1,1-Dichloroethane	10.000	9.890	1.1	87	-0.02
27	T	2-Butanol	50.000	46.837	6.3	89	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	8.250	17.5	71	0.00
29	T	2-Butanone	50.000	41.153	17.7	76	0.00
30	T	2,2-Dichloropropane	10.000	9.416	5.8	81	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.305	-3.0	91	0.00
32	C,T	Chloroform	10.000	9.854	1.5	86	0.00
33	T	Bromochloromethane	10.000	9.457	5.4	83	0.00
34	T	Tetrahydrofuran	10.000	8.232	17.7	74	0.00
35	S	Dibromofluoromethane	10.000	10.078	-0.8	87	0.00
36	T	1,1,1-Trichloroethane	10.000	9.585	4.1	82	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.02
38	T	tert-Amyl methyl ether (TAM	10.000	7.811	21.9#	70	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.751	12.5	76	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.907	-19.1	93	0.00
42	T	Carbon tetrachloride	10.000	10.671	-6.7	82	0.00
43	T	1,2-Dichloroethane	10.000	10.167	-1.7	77	0.00
44	T,M	Benzene	10.000	11.022	-10.2	86	0.00
45	T,M	Trichloroethene	10.000	11.481	-14.8	90	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.754	-7.5	83	0.00
48	T	1,4-Dioxane	200.000	219.453	-9.7	82	0.00
49	T	Bromodichloromethane	10.000	10.535	-5.4	80	0.00
50	T	Dibromomethane	10.000	10.584	-5.8	82	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.418	85.8#	13	0.00
52	T	4-Methyl-2-pentanone	50.000	45.051	9.9	68	0.00
53	T	cis-1,3-Dichloropropene	10.000	10.075	-0.7	78	0.00
54	S	Toluene-d8	10.000	10.363	-3.6	80	0.00
55	C,T,M	Toluene	10.000	10.547	-5.5	82	0.00
56	T	Ethyl methacrylate	10.000	9.380	6.2	72	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.470	5.3	72	0.00
58	T	2-Hexanone	50.000	47.836	4.3	71	0.00
59	T	1,1,2-Trichloroethane	10.000	10.429	-4.3	81	0.00
60	T	1,3-Dichloropropane	10.000	9.751	2.5	75	0.00
61	T	Tetrachloroethene	10.000	10.829	-8.3	86	0.00
62	T	Dibromochloromethane	10.000	9.893	1.1	75	0.00
63	T	1,2-Dibromoethane	10.000	10.172	-1.7	77	0.00
64	T	1-Chlorohexane	10.000	10.779	-7.8	83	0.00
65	P,M	Chlorobenzene	10.000	10.142	-1.4	77	0.00
66	C,T	Ethylbenzene	10.000	10.094	-0.9	77	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.839	1.6	76	0.00
68	T	m-Xylene & p-Xylene	20.000	20.523	-2.6	76	0.00
69	T	o-Xylene	10.000	10.355	-3.6	77	0.00
70	T	Styrene	10.000	11.081	-10.8	83	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	95	0.00
72	T	Isopropylbenzene	10.000	8.884	11.2	84	0.00
73	P,T	Bromoform	10.000	9.133	8.7	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.340	6.6	89	0.00
75	S	4-Bromofluorobenzene	10.000	8.615	13.8	84	0.00
76	T	1,2,3-Trichloropropane	10.000	9.062	9.4	87	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.648	23.5#	80	0.00
78	T	n-Propylbenzene	10.000	9.259	7.4	88	0.00
79	T	Bromobenzene	10.000	9.602	4.0	94	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.480	5.2	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	8.338	16.6	80	0.00
82	T	4-Chlorotoluene	10.000	10.259	-2.6	100	0.00
83	T	tert-Butylbenzene	10.000	9.727	2.7	96	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.535	4.6	91	0.00
85	T	sec-Butylbenzene	10.000	10.227	-2.3	95	0.00
86	T	p-Isopropyltoluene	10.000	10.096	-1.0	94	0.00
87	T	1,3-Dichlorobenzene	10.000	9.732	2.7	95	0.00
88	T	1,4-Dichlorobenzene	10.000	9.749	2.5	95	0.00
89	T	n-Butylbenzene	10.000	9.930	0.7	94	0.00
90	T	1,2-Dichlorobenzene	10.000	9.691	3.1	94	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.227	7.7	93	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.428	5.7	90	0.00
93	T	Hexachlorobutadiene	10.000	11.389	-13.9	110	0.00
94	T	Naphthalene	10.000	7.911	20.9#	81	0.00
95	T	1,2,3-Trichlorobenzene	10.000	7.793	22.1#	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.292	0.334	-14.4	91	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.548	11.3	71	0.00
5	C,T	Vinyl chloride	0.543	0.498	8.3	72	0.00
6	T	Bromomethane	0.293	0.297	-1.4	82	0.00
7	T	Chloroethane	0.309	0.313	-1.3	82	0.00
8	T	Dichlorofluoromethane	0.742	0.776	-4.6	89	0.00
9	T	Trichlorofluoromethane	0.326	0.389	-19.3	92	-0.02
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.005	44.4#	52	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.252	-15.6	102	0.00
13	T	Acetone	0.029	0.026	10.3	83	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.601	-4.3	91	0.00
15	T	tert-Butyl alcohol	0.013	0.009	30.8#	59	0.00
16	T	Acetonitrile	0.015	0.012	20.0	76	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.605	6.6	82	0.00
19	T	Methylene chloride	0.430	0.397	7.7	83	0.00
20	T	Carbon disulfide	1.196	0.990	17.2	70	0.00
21	T	Acrylonitrile	0.039	0.035	10.3	77	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.280	7.0	82	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.489	3.6	83	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.968	0.7	86	0.00
25	T	Vinyl acetate	0.280	0.288	-2.9	85	0.00
26	P,T	1,1-Dichloroethane	0.603	0.596	1.2	87	-0.02
27	T	2-Butanol	0.008	0.008	0.0	89	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.367	17.3	71	0.00
29	T	2-Butanone	0.051	0.042	17.6	76	0.00
30	T	2,2-Dichloropropane	0.239	0.225	5.9	81	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.324	-2.9	91	0.00
32	C,T	Chloroform	0.486	0.479	1.4	86	0.00
33	T	Bromochloromethane	0.219	0.207	5.5	83	0.00
34	T	Tetrahydrofuran	0.026	0.022	15.4	74	0.00
35	S	Dibromofluoromethane	0.289	0.291	-0.7	87	0.00
36	T	1,1,1-Trichloroethane	0.333	0.319	4.2	82	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.02
38	T	tert-Amyl methyl ether (TAM	0.058	0.045	22.4#	70	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.160	12.6	76	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.211	-19.2	93	0.00
42	T	Carbon tetrachloride	0.412	0.440	-6.8	82	0.00
43	T	1,2-Dichloroethane	0.262	0.267	-1.9	77	0.00
44	T,M	Benzene	1.523	1.679	-10.2	86	0.00
45	T,M	Trichloroethene	0.432	0.496	-14.8	90	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.383	-7.3	83	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	82	0.00
49	T	Bromodichloromethane	0.378	0.398	-5.3	80	0.00
50	T	Dibromomethane	0.124	0.132	-6.5	82	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.007	86.8#	13#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.121	10.4	68	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.471	-0.6	78	0.00
54	S	Toluene-d8	1.225	1.269	-3.6	80	0.00
55	C,T,M	Toluene	1.395	1.472	-5.5	82	0.00
56	T	Ethyl methacrylate	0.203	0.191	5.9	72	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.292	5.5	72	0.00
58	T	2-Hexanone	0.081	0.077	4.9	71	0.00
59	T	1,1,2-Trichloroethane	0.153	0.160	-4.6	81	0.00
60	T	1,3-Dichloropropane	0.317	0.309	2.5	75	0.00
61	T	Tetrachloroethene	0.329	0.356	-8.2	86	0.00
62	T	Dibromochloromethane	0.249	0.246	1.2	75	0.00
63	T	1,2-Dibromoethane	0.163	0.166	-1.8	77	0.00
64	T	1-Chlorohexane	0.637	0.687	-7.8	83	0.00
65	P,M	Chlorobenzene	0.886	0.899	-1.5	77	0.00
66	C,T	Ethylbenzene	1.594	1.609	-0.9	77	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.312	1.6	76	0.00
68	T	m-Xylene & p-Xylene	1.167	1.197	-2.6	76	0.00
69	T	o-Xylene	1.140	1.180	-3.5	77	0.00
70	T	Styrene	0.847	0.939	-10.9	83	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	95	0.00
72	T	Isopropylbenzene	4.602	4.088	11.2	84	0.00
73	P,T	Bromoform	0.324	0.296	8.6	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.469	6.8	89	0.00
75	S	4-Bromofluorobenzene	1.085	0.935	13.8	84	0.00
76	T	1,2,3-Trichloropropane	0.113	0.102	9.7	87	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.083	23.1#	80	0.00
78	T	n-Propylbenzene	5.796	5.366	7.4	88	0.00
79	T	Bromobenzene	1.014	0.974	3.9	94	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.248	5.2	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	2.957	16.6	80	0.00
82	T	4-Chlorotoluene	2.404	2.467	-2.6	100	0.00
83	T	tert-Butylbenzene	0.936	0.910	2.8	96	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.035	4.6	91	0.00
85	T	sec-Butylbenzene	4.880	4.991	-2.3	95	0.00
86	T	p-Isopropyltoluene	3.956	3.994	-1.0	94	0.00
87	T	1,3-Dichlorobenzene	2.025	1.971	2.7	95	0.00
88	T	1,4-Dichlorobenzene	1.888	1.840	2.5	95	0.00
89	T	n-Butylbenzene	4.003	3.975	0.7	94	0.00
90	T	1,2-Dichlorobenzene	1.492	1.446	3.1	94	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.061	7.6	93	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.570	5.8	90	0.00
93	T	Hexachlorobutadiene	0.485	0.552	-13.8	110	0.00
94	T	Naphthalene	0.645	0.600	7.0	81	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.332	12.9	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH VOA4H1160

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RH0314	BFB9H46	2 µl					TUNE CHECK
02	315	VO94H11Ø1						
03	316	Ø2						5 / 10 / 10
04	317	Ø3						1 / 5 / 10
05	318	Ø4						2 / 10 / 10
06	319	Ø5						5 / 25 / 100
07	32Ø	Ø6						10 / 50 / 200
08	321	Ø7						20 / 100 / 200
09	322	Ø8						30 / 150 / 300
10	323	Ø9						40 / 200 / 400
11	324	1Ø						50 / 250 / 500
12	325	11						100 / 500 / 1000
13	326	Rinse	25 ml	1Ø				
14	327							
15	328	VO94H16B						
16	329	IVO94H1Ø1						10 / 50 / 100
17	33Ø	Ø2						
18	331	Rinse	25 ml	1Ø				
19	332							
20								
21								
22								
23								
24								
25								AS 8-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	VO94H11
STANDARDS	
NAME	ID / CONC. (ng/l)
DCC 8260	SV1-16-22-2 / 50/250
DCC Ket-AA	-25- / 250
DCC Gases	-21- / 250
DCC 2-Butanol	-19- / 250
BFB	SV1-15-97-1 / 50
IS/SURR.	SV1-16-18-2, -18+3 / 250
LCS 8260	-17-2 / 50/250
LCS Ket-AA	-16-2 / 250
LCS Gases 2-Butanol	SV1-12-388 / 250 / 1000
SOLVENT	ID
METHANOL	
DATA FILE	1Ø#4
Electronic Data Archival	
Location	Date
HPCHEM_VOA/TO94	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

22272

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-13-16 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V0094H135

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Spec	Matrix S	Notes
01		RD201	BFB94I10	2µl					DCHECK 09:39
02		202	Std Test	5µl					
03		203	CV0994H135						11:57
04		204	V094I04						
05		205	C						
06		206	Rinse	25ml	1.0				
07		207	V094I08						
08		208	D						
09		209	10I091-03T	5µl	50	22	4.5		
10		210	Rinse	25ml	1.0				
11		211	10I091-05R			1.0	<1.0		
12		212	10I39-09R						
13		213	10I148-05						TB
14		214	-12						TB
15		215	-01						
16		216	-02						4R x25
17		217	-03						1:06
18		218	-04						4R x1 2x 100 (Conf x1)
19		219	10I166-02						EHL R/ex1
20		220	-01						INFL. 2/ex100 21:42
21		221-225	Rinses						
22									
23									
24									
25									AS 9/14/16

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-16
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC. (ng/l)
DCC 8260	SVL-16-21-3	
DCC Kit-4A	-39-2	
DCC Gases	-36-2	
DCC 2-Butanone	-25-3	
BFB	-36-2	50/50 100/125
IS/SURR.	-37-2	
LCS 8260	-36-3	
LCS Kit-4A	-35-1	
LCS 2-Butanone	SVL-17-380 -35-3	
SOLVENT	ID	
METHANOL		
DATA FILE	10I-13	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-14-16

Disposed By: AS

2073

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9/14/16 ☐ 5-ml Purge ☒ 25-ml Purge Book # A94 -031

BATCH CV0944H138

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O (ppm)	Matrix S	Notes
01	RD0226	BFB94I11	2pl					TUNE CHECK 01:25
02	227	CV0944H138	5ml/10ml					
03	228	V094I11L	5ml/10ml					
04	229	↓ CONT	↓					w/ "below"
05	230	Rinse	25ml	1.0				
06	231	V094I11B						
07	232	↓ 0						
08	233	10I148-07			✓	✓		R/R 1x100
09	234	-08			✓	✓		R/R 1
10	235	-09			✓	✓		[illegible]
11	236	-10			✓	✓		↓ duplicate confirm
12	237	-11			✓	✓		R/R 1
13	238	Rinse						
14	239	10I148-06			✓	✓		
15	240	-06M			✓	✓		MS
16	241	-06S			✓	✓		MSD 11:19
17	242	V094I14	5ml/10ml					
18	243-245	Rinses	25ml	1.0				
19								
20								
21								
22								
23								
24								
25								AS 9/15/16

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-16
ICAL ID	V094H11

STANDARDS		
NAME	ID	CONC. (ng/L)
DCC 8260	SV1-16, 21-3	
DCC 524.2	-39-2	
DCC 624	-26-3	
BFB	-26-2	
IS/SURR	-33-2	
LCS 8260	-36-3	
LCS 524.2	-35-1	
LCS 624	SV1-12 -35-3	

SOLVENT	ID
METHANOL	
DATA FILE	10I17

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9/15/16

Disposed By: AS

2071

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-14-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH 094H1137

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (mg/l)	Matrix S	Notes
01	RIDOUE	BFB94I12	2 µl					TCHECK 14721
02	247	STD TEST	25 ml					
03	248	CVD94H137						
04	249	W094I12	25 ml					
05	250	C						
06	251	rinse	25 ml	100				
07	252	W094I12B						MB
08	253	D						MB
09	254	10I193-09						TB
10	255	10I166-02R						
11	256	01T	25 ml	100				
12	257	10I148-07T						
13	258	04T						dup/original
14	259	05T						
15	260	11RC	25 ml	100				
16	261	08R						confirm original
17	262	10I193-01						
18	263	02						
19	264	03						MRB
20	[illegible]	10I148-04R						confirm original [illegible] 02, 02
21	[illegible]	rinse	25 ml	100				
22								
23								
24								
25								AS 9/15/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-16-10
ICAL ID	W094H11

STANDARDS

NAME	ID	conc. (mg/L)
DCC 8260	9VL-16-21-3	
DCC [illegible]	-34-2	
DCC [illegible]	-29-1	
DCC [illegible]	-19-1	
BFB	-26-2	[illegible]
IS/SURR.	-33-2	
LCS 8260	-36-3	
LCS [illegible]	-35-1	
LCS [illegible]	9VL-12-[illegible]	

SOLVENT	ID
METHANOL	
DATA FILE	10I14

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9/15/10

Disposed By: AL

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-15-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H038

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RID273	BE99I13	2µL					BLANK 09:38
02	274	V094H038	5ml/1µL					
03	275	V094I13L	5ml/1µL					
04	276	C						
05	277	Rinse	25ml	1µ				
06	278	V094I13B						
07	279	Q						
08	280	10I193-02TG	25µL	100	[illegible]	[illegible]		
09	281	-01T	5ml	50	/	/		
10	282	-03R	25ml	40	/	/		
11	283	-04T	5ml	50	/	/		Toluene
12	284	-05T			/	/		
13	285	-06T			/	/		
14	286	-07T			/	/		
15	287	10I148-02T	1ml	25	/	/		
16	288	10I193-04	25ml	10	/	/		
17	289	-05			/	/		
18	290	-06			/	/		
19	291	-07			/	/		
20	292	-08			/	/		21:24
21	293	Rinse						
22	294							
23								
24								
25								AS 9-16-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H1
STANDARDS	
NAME	ID
DCC 8260	541-16-21-3
DCC Ketones	-38-2
DCC Gases	-39-1
DCC Chm	-21-3
DCC 2-Butanol	-19-1
BFB	-20-2
IS/SURR	-33-2
LCS 8260	-36-3
LCS Ketones	-35-1
LCS Gases	-37-4
LCS 2-Butanol	541-12-38
SOLVENT	ID
METHANOL	
DATA FILE	10I15
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-16-10

Disposed By: AS

2076

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I148

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD RSK-175
DISSOLVED GASES

A total of ten (10) water samples were received on 09/10/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI012WL/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I148-06M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 10F148
Instrument ID : GC1010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGI012WB	1	NA	09/20/1011:13	09/20/1009:40	F120003A	F120002A	DGI012W	Method Blank
LCS1W	DGI012WL	1	NA	09/20/1011:25	09/20/1009:40	F120004A	F120002A	DGI012W	Lab Control Sample (LCS)
LCD1W	DGI012WC	1	NA	09/20/1011:41	09/20/1009:40	F120005A	F120002A	DGI012W	LCS Duplicate
MW-70-PMW11A-A10	1148-01	1	NA	09/20/1012:06	09/20/1009:40	F120006A	F120002A	DGI012W	Field Sample
MW-70-PMW11A-A10DL	1148-01T	50	NA	09/20/1012:19	09/20/1009:40	F120007A	F120002A	DGI012W	Diluted Sample
MW-70-PMW11B-A10	1148-02	1	NA	09/20/1012:31	09/20/1009:40	F120008A	F120002A	DGI012W	Field Sample
MW-70-PMW13A-A10	1148-03	1	NA	09/20/1012:43	09/20/1009:40	F120009A	F120002A	DGI012W	Field Sample
MW-70-PMW13A-A10DL	1148-03T	2	NA	09/20/1013:14	09/20/1009:40	F120011A	F120002A	DGI012W	Diluted Sample
MW-70-PMW13B-A10	1148-04	1	NA	09/20/1013:02	09/20/1009:40	F120010A	F120002A	DGI012W	Field Sample
MW-70-MWA02-A10	1148-06	1	NA	09/20/1014:08	09/20/1009:40	F120013A	F120012A	DGI012W	Field Sample
MW-70-MWA02-A10DL	1148-06T	5	NA	09/20/1014:53	09/20/1009:40	F120016A	F120012A	DGI012W	Diluted Sample
MW-70-MWA04-A10	1148-07	1	NA	09/20/1015:08	09/20/1009:40	F120017A	F120012A	DGI012W	Field Sample
MW-70-MWA04-A10DL	1148-07T	20	NA	09/20/1015:21	09/20/1009:40	F120018A	F120012A	DGI012W	Diluted Sample
MW-70-MWA05-A10	1148-08	1	NA	09/20/1015:43	09/20/1009:40	F120019A	F120012A	DGI012W	Field Sample
MW-70-MWA05-A10DL	1148-08T	5	NA	09/20/1016:30	09/20/1009:40	F120020A	F120012A	DGI012W	Diluted Sample
MW-70-MWA06-A10	1148-09	1	NA	09/20/1016:15	09/20/1009:40	F120021A	F120012A	DGI012W	Field Sample
MW-70-MWA06-A10-D	1148-10	1	NA	09/20/1016:33	09/20/1009:40	F120022A	F120012A	DGI012W	Field Sample
MW-70-MWA11-A10	1148-11	1	NA	09/20/1016:45	09/20/1009:40	F120023A	F120012A	DGI012W	Field Sample
MW-70-MWA02-A10MS	1148-06M	1	NA	09/20/1014:24	09/20/1009:40	F120014A	F120012A	DGI012W	Matrix Spike Sample (MS)
MW-70-MWA02-A10MSD	1148-06S	1	NA	09/20/1014:36	09/20/1009:40	F120015A	F120012A	DGI012W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/09/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-PMW11A-A10	Date Analyzed: 09/20/10 12:06
Lab Samp ID: 1148-01	Dilution Factor: 1
Lab File ID: F120006A	Matrix : WATER
Ext Btch ID: DGI012W	% Moisture : NA
Calib. Ref.: F120002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	160E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/20/10 09:40
Sample ID:	MW-70-PMW11A-A100L	Date Analyzed:	09/20/10 12:19
Lab Samp ID:	1148-01T	Dilution Factor:	50
Lab File ID:	FI20007A	Matrix :	WATER
Ext Btch ID:	DGI012W	% Moisture :	NA
Calib. Ref.:	FI20002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	100	30
ETHENE	ND	100	30
METHANE	650	100	30

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/20/10 09:40
Sample ID:	MW-70-PMW11B-A10	Date Analyzed:	09/20/10 12:31
Lab Samp ID:	1148-02	Dilution Factor:	1
Lab File ID:	F120008A	Matrix	: WATER
Ext Btch ID:	OG1012W	% Moisture	: NA
Calib. Ref.:	F120002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.7J	2.0	0.60
METHANE	30	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/09/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-PMW13A-A10	Date Analyzed: 09/20/10 12:43
Lab Samp ID: 1148-03	Dilution Factor: 1
Lab File ID: F120009A	Matrix : WATER
Ext Btch ID: DGI012W	% Moisture : NA
Calib. Ref.: F120002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	5.1	2.0	0.60
METHANE	59E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/09/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/20/10 09:40
Sample ID:	MW-70-PMW13A-A100L	Date Analyzed:	09/20/10 13:14
Lab Samp ID:	1148-031	Dilution Factor:	2
Lab File ID:	F120U11A	Matrix	: WATER
Ext Btch ID:	DGIU12W	% Moisture	: NA
Calib. Ref.:	F120002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	4.0	1.2
ETHENE	4.6	4.0	1.2
METHANE	55	4.0	1.2

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/09/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-PMW13B-A10	Date Analyzed: 09/20/10 13:02
Lab Samp ID: 1148-04	Dilution Factor: 1
Lab File ID: F120010A	Matrix : WATER
Ext Btch ID: DG1012W	% Moisture : NA
Calib. Ref.: F120002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.76J	2.0	0.60
METHANE	20	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNAD2-A1D	Date Analyzed: 09/20/10 14:08
Lab Samp ID: 1148-06	Dilution Factor: 1
Lab File ID: F120013A	Matrix : WATER
Ext Btch ID: DG1012W	% Moisture : NA
Calib. Ref.: F120012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	2.3	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	73E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IH SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA02-A100L	Date Analyzed: 09/20/10 14:53
Lab Samp ID: 1148-061	Dilution factor: 5
Lab File ID: FI20016A	Matrix : WATER
Ext Btch ID: DG1012W	% Moisture : NA
Calib. Ref.: FI20012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	ND	10	3.0
METHANE	87	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA04-A10	Date Analyzed: 09/20/10 15:08
Lab Samp ID: 1148-07	Dilution Factor: 1
Lab File ID: FI20017A	Matrix : WATER
Ext Btch ID: DGI012W	% Moisture : NA
Calib. Ref.: FI20012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	20	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	110E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA04-A100L	Date Analyzed: 09/20/10 15:21
Lab Samp ID: 1148-07I	Dilution Factor: 20
Lab File ID: FI20018A	Matrix : WATER
Ext Btch ID: DG10120	% Moisture : NA
Calib. Ref.: FI20012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	14J	40	12
ETHENE	ND	40	12
METHANE	170	40	12

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEG, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IA SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA05-A10	Date Analyzed: 09/20/10 15:43
Lab Samp ID: 1148-08	Dilution Factor: 1
Lab File ID: F120019A	Matrix : WATER
Ext Btch ID: DQ1012W	% Moisture : NA
Calib. Ref.: F120012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.7J	2.0	0.60
METHANE	84E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA05-A10DL	Date Analyzed: 09/20/10 16:00
Lab Samp ID: 1148-08T	Dilution Factor: 5
Lab File ID: F120020A	Matrix : WATER
Ext Btch ID: DG1012W	% Moisture : NA
Calib. Ref.: F120012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	ND	10	3.0
METHANE	110	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA06-A10	Date Analyzed: 09/20/10 16:15
Lab Samp ID: 1148-09	Dilution Factor: 1
Lab File ID: FI20021A	Matrix : WATER
Ext Btch ID: DG1012W	% Moisture : NA
Calib. Ref.: FI20012A	Instrument ID : GCTO10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.0J	2.0	0.60
METHANE	9.8	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/10/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/10/10
Batch No. : 101148	Date Extracted: 09/20/10 09:40
Sample ID: MW-70-MNA06-A10-D	Date Analyzed: 09/20/10 16:33
Lab Samp ID: I148-10	Dilution Factor: 1
Lab File ID: FI20022A	Matrix : WATER
Ext Btch ID: DGI012W	% Moisture : NA
Calib. Ref.: FI20012A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.1J	2.0	0.60
METHANE	10	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/10/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
Batch No.	: 101148	Date Extracted:	09/20/10 09:40
Sample ID:	MW-70-MWA11-A10	Date Analyzed:	09/20/10 16:45
Lab Samp ID:	I148-11	Dilution Factor:	1
Lab File ID:	FI20023A	Matrix :	WATER
Ext Batch ID:	DGI012W	% Moisture :	NA
Calib. Ref.:	FI20012A	Instrument ID :	GCI010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	9.8	2.0	0.60

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/20/10
Batch No. : 1D1148	Date Extracted: 09/20/10 09:40
Sample ID: MBLK1W	Date Analyzed: 09/20/10 11:13
Lab Samp ID: DG1012WB	Dilution Factor: 1
Lab File ID: F120003A	Matrix : WATER
Ext Btch ID: DG1017W	% Moisture : NA
Calib. Ref.: F120002A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DG1012WB	DG1012WL	DG1012WC		
LAB FILE ID:	FI20003A	FI20004A	FI20005A		
DATE EXTRACTED:	09/20/1009:40	09/20/1009:40	09/20/1009:40	DATE COLLECTED:	NA
DATE ANALYZED:	09/20/1011:13	09/20/1011:25	09/20/1011:41	DATE RECEIVED:	09/20/10
PREP. BATCH:	DG1012W	DG1012W	DG1012W		
CALIB. REF:	FI20002A	FI20002A	FI20002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	24.6	97	25.4	24.6	97	0	70-140	30
Ethene	ND	23.7	23.0	97	23.7	22.9	97	0	70-140	30
Methane	ND	13.6	12.4	91	13.6	12.4	91	0	70-130	30

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-MNA02-A10		
LAB SAMP ID:	1148-06	1148-06M	1148-06S
LAB FILE ID:	FI20013A	FI20014A	FI20015A
DATE EXTRACTED:	09/20/1009:40	09/20/1009:40	09/20/1009:40
DATE ANALYZED:	09/20/1014:08	09/20/1014:24	09/20/1014:36
PREP. BATCH:	DGI012W	DGI012W	DGI012W
CALIB. REF:	FI20012A	FI20012A	FI20012A

DATE COLLECTED: 09/10/10
DATE RECEIVED: 09/10/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	2.30	25.4	23.1	82	25.4	22.1	78	4	60-140	30
Ethene	ND	23.7	19.8	84	23.7	18.9	80	5	20-160	30
Methane	73.2	13.6	81.7	63	13.6	77.7	33	5	10-160	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17195	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

AA
6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC7D1D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	DL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	9		15

DG10F08.MET

06/09/10

U93E

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI20002A 09/20/2010 11:02
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL **	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	394305	13.23	-2		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	435846	24.15	2		15
Ethane	3.108	3.058	3.158	25.4	26515.2	677558	25.55	1		15
Propane	6.017	5.930	6.104	37.3	28066.5	1063601	37.90	2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F120012A 09/20/2010 13:26
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	373035	12.51	-8		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	412665	22.86	-4		15
Ethane	3.108	3.058	3.158	25.4	26515.2	644785	24.32	-4		15
Propane	6.017	5.930	6.104	37.3	28066.5	995572	35.47	-5		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI20025A 09/20/2010 17:23
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	356709	11.97	-12		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	394372	21.85	-8		15
Ethane	3.108	3.058	3.158	25.4	26515.2	614247	23.17	-9		15
Propane	5.992	5.905	6.079	37.3	28066.5	957482	34.12	-8		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc.
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Rathson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: Ff08.seq Data: FI08.009 - [Batch: ff08.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt	ISTD	Mult
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

DGAS ICAL

DGAS ICV

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | untitled - Paint | Calculator | Method: Dg10f08.met - B... | Tuesday, June 08, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DG1012 : 1148

Book #: A10-021

Instrument No.: 10

Analytical Sequence: FI20

Method File: DG10F08

Analytical Batch: CDG10F0834 0

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC 5558-06-41-2	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/FZC_9_DGAS	

Analyzed By: SC

Date: 9/20/10

Disposed By: SC

Date Disposed: 9/20/10

Method: Dg10f08.met Batch: Fi20.seq Data: Fi20 025 - [Batch: fi20.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	IB10I343	dg10f08.met	FI20.001	0	100ul	0	1
2	Unknown	CDG10F08343	dg10f08.met	FI20.002	0		0	1
3	Unknown	DGI012WB	dg10f08.met	FI20.003	0		0	1
4	Unknown	DGI012WL	dg10f08.met	FI20.004	0		0	1
5	Unknown	DGI012WC	dg10f08.met	FI20.005	0		0	1
6	Unknown	10I148-01 cave	dg10f08.met	FI20.006	0		0	1
7	Unknown	10I148-01T DF=50	dg10f08.met	FI20.007	0	2ul	0	50
8	Unknown	10I148-02	dg10f08.met	FI20.008	0	100ul	0	1
9	Unknown	10I148-03 cave	dg10f08.met	FI20.009	0		0	1
10	Unknown	10I148-04	dg10f08.met	FI20.010	0		0	1
11	Unknown	10I148-03T DF=2	dg10f08.met	FI20.011	0	5ul	0	2
12	Unknown	CDG10F08344	dg10f08.met	FI20.012	0	100ul	0	1
13	Unknown	10I148-06 cave	dg10f08.met	FI20.013	0		0	1
14	Unknown	10I148-06H	dg10f08.met	FI20.014	0		0	1
15	Unknown	10I148-06S	dg10f08.met	FI20.015	0		0	1
16	Unknown	10I148-06T DF=5	dg10f08.met	FI20.016	0	2ul	0	5
17	Unknown	10I148-07 cave	dg10f08.met	FI20.017	0	100ul	0	1
18	Unknown	10I148-07T DF=20	dg10f08.met	FI20.018	0	5ul	0	20
19	Unknown	10I148-08 cave	dg10f08.met	FI20.019	0	100ul	0	1
20	Unknown	10I148-08T DF=5	dg10f08.met	FI20.020	0	2ul	0	5
21	Unknown	10I148-09	dg10f08.met	FI20.021	0	100ul	0	1
22	Unknown	10I148-10	dg10f08.met	FI20.022	0		0	1
23	Unknown	10I148-11	dg10f08.met	FI20.023	0		0	1
24	Unknown	DGI012WX Cont-only	dg10f08.met	FI20.024	0		0	1
25	Unknown	CDG10F08345	dg10f08.met	FI20.025	0		0	1
26	Unknown	IB	dg10f08.met	FI20.026	0		0	1
27	Unknown	IB	dg10f08.met	FI20.027	0		0	1
28	Unknown	IB	dg10f08.met	FI20.028	0		0	1
29	Unknown	IB	dg10f08.met	FI20.029	0		0	1
30	Unknown	IB	dg10f08.met	FI20.030	0		0	1
31	Unknown	IB	dg10f08.met	FI20.031	0		0	1
32	Unknown	IB	dg10f08.met	FI20.032	0		0	1
33	Unknown	IB	dg10f08.met	FI20.033	0		0	1
34	Unknown	IB	dg10f08.met	FI20.034	0		0	1
35	Unknown	IB	dg10f08.met	FI20.035	0		0	1

FINAL

EC 9/24/10

Start | EZ Chrom Chromatography | Method: Dg10f08.met... | Method: Dg10f08.met | Exploring Export | Monday, September 27, 2010

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/20/10 Time: 9:40 End Date: 9/20/10 Time: 10:50

PREPARATION BATCH: DGI012

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGI012 WB	39	4	N/A	
02	L				
03	C				
04	107148 - 01			<2	
05	-02				
06	-03				
07	-04				
08	-06				
09	-06M				
10	-06S				
11	-07				
12	-08				
13	-09				
14	-10				
15	-11				
16					
17					
18					
19					SC 9/20/10
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-01-S	160

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquide

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				2c	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I148

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of four (4) water samples were received on 09/10/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI077WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project. Percent recoveries were within project QC limits except for Manganese result qualified with [*] in I148-01 M/S summary form, most likely due to low spiking level interference. Check QC summary form for details.
In addition, analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Samples I148-01T and -01M/S were reported from dilution 5 due to matrix interference.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client : INSIGHT ECO INC
Project : NWS SEAL BEACH IR SITE 70.

SDG NO. : IP5148
Instrument ID : 1-ICP

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/time	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MB_W	IP1077W3	1	NA	09/23/1019:48	09/23/1009:15	ID81024077	ID81024075	IP1077W	Method Blank
LCS1W	IP1077WC	1	NA	09/23/1019:53	09/23/1009:15	ID81024078	ID81024075	IP1077W	Lab Control Sample (LCS)
LCD1W	IP1077WD	1	NA	09/23/1019:58	09/23/1009:15	ID81024079	ID81024075	IP1077W	LCS Duplicate
129694-0269AS	T120-01A	1	NA	09/23/1020:03	09/23/1009:15	ID81024080	ID81024075	IP1077W	Analytical Spike Sample
129694-0269	T120-01	1	NA	09/23/1020:08	09/23/1009:15	ID81024081	ID81024075	IP1077W	Field Sample
129694-0269DL	T120-01D	5	NA	09/23/1020:14	09/23/1009:15	ID81024082	ID81024075	IP1077W	Diluted Sample
MW-70-PMW11A-A10DL	5148-05T	5	NA	09/23/1018:34	09/22/1009:15	ID81029035	ID81029029	IP1077W	Diluted Sample
MW-70-PMW11A-A10MS	5148-01M	5	NA	09/23/1018:39	09/22/1009:15	ID81029036	ID81029029	IP1077W	Matrix Spike Sample (MS)
MW-70-PMW11A-A10MSD	5148-01S	5	NA	09/23/1018:45	09/22/1009:15	ID81029037	ID81029029	IP1077W	MS Duplicate (MSD)
MW-70-PMW11B-A10	5148-02	1	NA	09/29/1011:41	09/22/1009:15	ID81029222	ID81029216	IP1077W	Field Sample
MW-70-PMW13B-A10	5148-03	1	NA	09/29/1011:46	09/22/1009:15	ID81029223	ID81029216	IP1077W	Field Sample
MW-70-PMW15-A10	5148-04	1	NA	09/29/1012:02	09/22/1009:15	ID81029228	ID81029216	IP1077W	Field Sample

FN : Filename
% Moist : Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ECC. INC.	Date Collected:	09/09/10 09:15
Project	NWS SEAL BEACH, IR SITE 70.	Date Received:	09/10/10
SDG NO :	101148	Date Extracted:	09/23/10 09:15
Sample ID:	MW-70 PMW11A-A100I	Date Analyzed:	09/28/10 18:34
Lab Samp ID:	1148 013	Dilution Factor:	5
Lab File ID:	I081029035	Matrix :	WATER
Ext Batch ID:	IP1077W	% Moisture :	NA
Calib. Ref.	I081029029	Instrument ID :	EMAXTIOS

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	1.00	0.0250
Iron	6.48	1.00	0.200
Manganese	6.48	1.00	0.0150

METHOD 3010A/6010B
DISSOLVED METALS BY FRACL ICP

Client	: INSIGHT LFC, INC.	Date Collected:	09/29/10 09:51
Project	NWS SLAI BEACH, IR SITE 70	Date Received:	09/30/10
SDG NO.	: 101148	Date Extracted	09/29/10 09:15
Sample ID:	MW-70-PMW11B-ACN	Date Analyzed:	09/29/10 11:41
Lab Samp ID:	1148-02	Dilution Factor:	1
Lab File ID:	1081029222	Matrix	WATER
Ext Batch ID	IP1077W	% Moisture	NA
Calib. Ref.:	1081029216	Instrument ID	: EMAXTI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	1.22	0.200	0.0400
Manganese	0.375	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ERC, INC.	Date Collected:	09/09/10 10:44
Project	: NWS SEAL BEACH, IR SITE 70	Date Received	09/10/10
SDG NO	: 10114B	Date Extracted	09/20/10 09 15
Sample ID:	MW-70-PMW13A A10	Date Analyzed:	09/29/10 11 46
Lab Samp ID:	1148 03	Dilution Factor:	1
Lab File ID:	ID8T029923	Matrix :	WATER
Ext Btch ID	IPI077W	% Moisture :	NA
Calib. Ref..	ID8T029216	Instrument ID :	EMAX10B

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0 200	0.00500
Iron	1 97	0 200	0.0400
Manganese	0.475	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ETC. INC.	Date Collected:	09/09/10 11:33
Project	: NWS SEAL BEACH, IR SITE 70	Date Received:	09/10/10
SDG NO.	: 101149	Date Extracted:	09/23/10 09:15
Sample ID:	MW-70-PMW13B A10	Date Analyzed:	09/29/10 12:02
Lab Samp ID:	1148-04	Dilution Factor:	1
Lab File ID:	1081029225	Matrix	: WATER
Ext Batch ID:	1P1077W	% Moisture	: NA
Calib. Ref.:	1081029216	Instrument ID	: HMAXT10B

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	1.95	0.200	0.0400
Manganese	0.574	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ECS, INC	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70	Date Received	09/23/10
SDG NO	: 10:148	Date Extracted	09/23/10 09:15
Sample ID:	MBLKIW	Date Analyzed	09/23/10 19:48
Lab Samp ID:	IP107WB	Dilution Factor:	1
Lab File ID:	IDBI024077	Matrix	: WATER
Ext Btch ID	IP107W	% Moisture	: NA
Calib. Ref.	IDBI024075	Instrument ID	: IMAXTIDB

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO 101140
METHOD. METHOD 3010A/6010B

MATRIX: WATER % MOISTURE NA
DILTN FACTR 1 1 1
SAMPLE ID: MBLK1W
CONTROL NO. IP1077WB IP1077WC IP1077WC
LAB FILE ID IDB1024077 IDB1024078 IDB1024079
DATTIME EXTRCTD: 09/23/1009.15 09/23/1009.15 09/23/1009.15 DATE COLLECTED: NA
DATTIME ANALYZD: 09/23/1019.48 09/23/1019.53 09/23/1019.58 DATE RECEIVED: 09/23/10
PREP BATCH IP1077W IP1077W IP1077W
CALIB REF: IDB1024075 IDB1024075 IDB1024075

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.541	108	.5	.541	108	0	80-120	20
Iron	ND	.5	5.21	104	.5	5.28	106	1	80-120	20
Manganese	ND	.5	.49	98	.5	.491	98	0	80-120	20

LMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT ENG. INC
PROJECT NWS SEAL BEACH, IR SITE 70
SDG NO 101148
METHOD. METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE	NA
DILTN FACTR:	5	5	5		
SAMPLE ID:	MW-70 PMW11A-A10DI				
CONTROL NO	1148-01T	1148 01M	1148 01S		
LAB FILE ID	ID81029035	ID81029036	ID81029037		
DATIME EXTRCTD	09/23/1009 15	09/23/1009 15	09/23/1009 15	DATE COLLECTED.	09/09/10 09:15
DATIME ANALYZD	09/28/1018.34	09/28/1018:39	09/28/1018 45	DATE RECEIVED	09/10/10
PREP BATCH:	IP1077W	IP1077W	IP1077W		
CALIB REF:	ID81029029	ID81029029	ID81029029		

ACCESSION.

PARAMETER	SMPL RSLT mg/L	SPIKE AMT mg/L	MS RSLT mg/L	MS % REC	SPIKE AMT mg/L	MSD RSLT mg/L	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.5431	109	5	5.5[illegible]	110	1	75-125	20
Iron	6.49	5	10.9	89	5	11.1	93	2	75-125	20
Manganese	6.49	5	6.61	27*	5	5.57	39*	1	75-125	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT TEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
BATCH NO.: L01148
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	5
SAMPLE ID:	129894-0269	129894-0269DI
EMAX SAMP ID	1120-01	1120-01J
LAB FILE ID	1D81024081	1D81024082
DATE EXTRACTED	09/23/1009:15	09/23/1009:15
DATE ANALYZED	09/23/1020:08	09/23/1020:14
PREP. BATCH	IPI077W	IPI077W
CALIB REF	1D81024075	1D81024075

DATE COLLECTED: 09/08/10 16:03
DATE RECEIVED: 09/09/10

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	0.255	0.265J	NA	10
Manganese	0.0170J	0.016JJ	NA	10

CMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ENG. INC
PROJECT: NWS SEAL BEACH, IR SITE 20
SDG NO. 101148
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILTN FACTOR. 1 1
SAMPLE ID. 129894-0269
CONTROL NO.: 1120-01 1120 01A
LAB FILE ID: ID81024081 ID81024080
DATTIME EXTRCTD: 09/23/2009:15 09/23/2009:15 DATE COLLECTED: 09/08/10 1h:00
DATTIME ANALYZD 09/23/1020:08 09/23/1020:03 DATE RECEIVED: 09/09/10
PREP. BATCH: IFI077W IFI077W
CALIB. REF: ID81024075 ID81024075

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Arsenic	ND	.5	.58	116	75-125
Iron	.255	5	5.53	106	75-125
Manganese	.017J	.5	.51	99	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/23/10 12:00
End Date: 9/24/10 11:53

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

I097-03 NA7202
06
-13
17
I129-02
04
— I235-14 dried & sieved cancelled.
CW19/CCB19 mis-positioned due to deletion of I235-14 in sequence.

Book #: AD8-016
Instrument No.: D8
Analytical Batch: 1D8I024
Analytical Sequence: S-1D16010(V37)
Method File: 1D16010(V37)
Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SM1B14-05-01	S30	SM1B14-02-03
S1	NA	S31	02-04
S2		ICV	SM1B12 94-02
S3		CCV	SM1B12-04-02
S4		ICSA	06-01
S5		ICSAB	03-03
S6		CRI/MRL	NA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B12-85-01
S10		MRL2	85-02
S11			
S15			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12-100-02		
S27	100-03		
S28	SM1B14-02-01		
S29	02-02		

Analyzed By: TH
Date: 9/23/10

SEQUENCE FILE . 1081024

4-18	19-33	34-43	44-53	54-63
SID	SID	TIME	DATE	CF
1081024001	Blank	12:50	09/23/10	1.000
1081024002	S25	12:55	09/23/10	1.000
1081024003	S27	13:00	09/23/10	1.000
1081024004	S22	13:05	09/23/10	1.000
1081024005	S23	13:10	09/23/10	1.000
1081024006	S24	13:16	09/23/10	1.000
1081024007	S25	13:21	09/23/10	1.000
1081024008	S26	13:26	09/23/10	1.000
1081024009	S27	13:31	09/23/10	1.000
1081024010	S28	13:36	09/23/10	1.000
1081024011	S29	13:42	09/23/10	1.000
1081024012	S30	13:47	09/23/10	1.000
1081024013	S31	13:52	09/23/10	1.000
1081024014	1S4	13:57	09/23/10	1.000
1081024015	1C6	14:02	09/23/10	1.000
1081024016	MR_2431	14:07	09/23/10	1.000
1081024017	MR_2432	14:12	09/23/10	1.000
1081024018	1C5AL	14:17	09/23/10	1.000
1081024019	1C5AE1	14:22	09/23/10	1.000
1081024020	1C41	14:31	09/23/10	1.000
1081024021	1C61	14:36	09/23/10	1.000
1081024022	IP1376W6	14:41	09/23/10	1.000
1081024023	IP1376WL	14:46	09/23/10	1.000
1081024024	IP1376WC	14:51	09/23/10	1.000
1081024025	777777	14:56	09/23/10	1.000
1081024026	1323-01	15:01	09/23/10	1.000
1081024027	1323-01J	15:06	09/23/10	5.000
1081024028	1323-02	15:11	09/23/10	1.000
1081024029	1323-03	15:16	09/23/10	1.000
1081024030	1323-04	15:21	09/23/10	1.000
1081024031	1C72	15:27	09/23/10	1.000
1081024032	1C62	15:36	09/23/10	1.000
1081024033	IP1375S	15:41	09/23/10	1.000
1081024034	IP1375X	15:46	09/23/10	1.000
1081024035	IP1375Y	15:51	09/23/10	1.000
1081024036	1335-014	15:55	09/23/10	1.000
1081024037	1335-014	16:01	09/23/10	1.000
1081024038	1335-011	16:05	09/23/10	5.000
1081024039	1323-014	16:14	09/23/10	1.000
1081024040	1323-014	16:19	09/23/10	1.000
1081024041	1323-015	16:24	09/23/10	1.000
1081024042	1C73	16:30	09/23/10	1.000
1081024043	1C83	16:38	09/23/10	1.000
1081024044	IP1373W6	16:43	09/23/10	1.000
1081024045	IP1373WL	16:48	09/23/10	1.000
1081024046	IP1373WC	16:53	09/23/10	1.000
1081024047	1075-02A	16:58	09/23/10	1.000
1081024048	1075-02	17:03	09/23/10	1.000
1081024049	1075-02J	17:08	09/23/10	5.000
1081024050	1075-02Y	17:13	09/23/10	1.000
1081024051	1075-02S	17:18	09/23/10	1.000
1081024052	1075-01	17:24	09/23/10	1.000
1081024053	1077-24	17:29	09/23/10	1.000
1081024054	1C94	17:38	09/23/10	1.000

1081024055	C034	17:43	09/23/10	1.000
1081024056	1097-02	17:46	09/23/10	1.000
1081024057	1097-03	17:50	09/23/10	1.000
1081024058	1097-06	17:59	09/23/10	1.000
1081024059	1097-08	18:03	09/23/10	1.000
1081024060	1097-10	18:09	09/23/10	1.000
1081024061	1097-13	18:14	09/23/10	1.000
1081024062	1097-15	18:19	09/23/10	1.000
1081024063	1097-17	18:24	09/23/10	1.000
1081024064	1091-01	18:30	09/23/10	1.000
1081024065	1091-02	18:35	09/23/10	1.000
1081024066	C045	18:46	09/23/10	1.000
1081024067	C065	18:51	09/23/10	1.000
1081024068	1112-10	18:56	09/23/10	1.000
1081024069	1112-11	19:01	09/23/10	1.000
1081024070	1029-08	19:07	09/23/10	1.000
1081024071	1098-09	19:12	09/23/10	1.000
1081024072	1096-02	19:17	09/23/10	1.000
1081024073	1129-02	19:22	09/23/10	1.000
1081024074	1129-04	19:27	09/23/10	1.000
1081024075	C046	19:38	09/23/10	1.000
1081024076	C035	19:43	09/23/10	1.000
1081024077	P1077W8	19:48	09/23/10	1.000
1081024078	P1077W1	19:53	09/23/10	1.000
1081024079	P1077WC	19:58	09/23/10	1.000
1081024080	1120-01A	20:03	09/23/10	1.000
1081024081	1120-01	20:08	09/23/10	1.000
1081024082	1120-01J	20:14	09/23/10	5.000
1081024083	1059A2	20:23	09/23/10	1.000
1081024084	1059AB2	20:28	09/23/10	1.000
1081024085	C097	20:37	09/23/10	1.000
1081024086	C037	20:44	09/23/10	1.000
1081024087	P1070C3	20:49	09/23/10	1.000
1081024088	P1070C4	20:54	09/23/10	1.000
1081024089	P1077SY	20:59	09/23/10	1.000
1081024090	1296-01A	21:04	09/23/10	1.000
1081024091	1296-01A	21:10	09/23/10	1.000
1081024092	1296-01J	21:16	09/23/10	5.000
1081024093	1221-04A	21:23	09/23/10	1.000
1081024094	1221-04A	21:27	09/23/10	1.000
1081024095	1221-04J	21:33	09/23/10	5.000
1081024096	C098	21:42	09/23/10	1.000
1081024097	C098	21:49	09/23/10	1.000
1081024098	P1077S9	21:54	09/23/10	1.000
1081024099	P1077SL	21:59	09/23/10	1.000
1081024100	P1077S0	22:04	09/23/10	1.000
1081024101	1077-01A	22:09	09/23/10	1.000
1081024102	1077-01	22:14	09/23/10	1.000
1081024103	1077-01J	22:19	09/23/10	5.000
1081024104	1077-01M	22:24	09/23/10	1.000
1081024105	1077-01S	22:29	09/23/10	1.000
1081024106	1077-02	22:34	09/23/10	1.000
1081024107	1077-03	22:40	09/23/10	1.000
1081024108	C049	22:49	09/23/10	1.000
1081024109	C039	22:54	09/23/10	1.000
1081024110	1077-04	22:59	09/23/10	1.000
1081024111	1077-05	23:04	09/23/10	1.000

ID81024112	I077-06	22:09	09/23/10	1.000
ID81024113	I077-07	22:15	09/23/10	1.000
ID81024114	I077-08	22:20	09/23/10	1.000
ID81024115	I077-09	22:25	09/23/10	1.000
ID81024116	I077-10	22:30	09/23/10	1.000
ID81024117	I077-11	22:34	09/23/10	1.000
ID81024118	I077-12	22:40	09/23/10	1.000
ID81024119	I077-13	22:45	09/23/10	1.000
ID81024120	CC910	22:50	09/23/10	1.000
ID81024121	CC910	22:59	09/23/10	1.000
ID81024122	I077-14	00:04	09/24/10	1.000
ID81024123	I077-15	00:10	09/24/10	1.000
ID81024124	I077-16	00:15	09/24/10	1.000
ID81024125	I077-17	00:20	09/24/10	1.000
ID81024126	I077-18	00:25	09/24/10	1.000
ID81024127	I077-19	00:30	09/24/10	1.000
ID81024128	I077-20	00:35	09/24/10	1.000
ID81024129	CC911	00:44	09/24/10	1.000
ID81024130	CC911	00:49	09/24/10	1.000
ID81024131	TMIC0558	00:54	09/24/10	1.000
ID81024132	I461-01A	00:59	09/24/10	1.000
ID81024133	I461-01	01:04	09/24/10	1.000
ID81024134	I461-11	01:10	09/24/10	5.000
ID81024135	I461-01P	01:15	09/24/10	1.000
ID81024136	I461-015	01:20	09/24/10	1.000
ID81024137	I462-02	01:25	09/24/10	1.000
ID81024138	I462-04	01:30	09/24/10	1.000
ID81024139	I464-01	01:35	09/24/10	1.000
ID81024140	CC912	01:40	09/24/10	1.000
ID81024141	CC912	01:50	09/24/10	1.000
ID81024142	IPIC0653	01:56	09/24/10	1.000
ID81024143	IPIC0651	02:02	09/24/10	1.000
ID81024144	IPIC0652	02:06	09/24/10	1.000
ID81024145	I235-01A	02:11	09/24/10	10.00
ID81024146	I235-01T	02:16	09/24/10	10.00
ID81024147	I235-01J	02:21	09/24/10	10.00
ID81024148	I235-01P	02:25	09/24/10	10.00
ID81024149	I235-015	02:31	09/24/10	10.00
ID81024150	I235-02T	02:36	09/24/10	10.00
ID81024151	I235-03T	02:41	09/24/10	10.00
ID81024152	CC913	02:50	09/24/10	1.000
ID81024153	CC913	02:55	09/24/10	1.000
ID81024154	I235-04T	03:00	09/24/10	10.00
ID81024155	I235-05T	03:05	09/24/10	10.00
ID81024156	I235-06T	03:10	09/24/10	10.00
ID81024157	I235-07T	03:15	09/24/10	10.00
ID81024158	I235-08T	03:20	09/24/10	10.00
ID81024159	I235-09T	03:25	09/24/10	10.00
ID81024160	I235-10T	03:30	09/24/10	10.00
ID81024161	I235-11T	03:36	09/24/10	10.00
ID81024162	I235-12T	03:41	09/24/10	10.00
ID81024163	I235-14T	03:46	09/24/10	10.00
ID81024164	CC914	03:55	09/24/10	1.000
ID81024165	CC914	04:00	09/24/10	1.000
ID81024166	I235-15T	04:05	09/24/10	10.00
ID81024167	I235-16T	04:10	09/24/10	10.00
ID81024168	I235-17T	04:15	09/24/10	10.00

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ID81024226	I235-20	09:33	09/24/10	1.000
ID81024227	I235-21	09:38	09/24/10	1.000
ID81024228	OC420	09:47	09/24/10	1.000
ID81024229	OC820	09:52	09/24/10	1.000
ID81024230	I235-04W	10:07	09/24/10	1.000
ID81024231	I235-05W	10:12	09/24/10	1.000
ID81024232	I235-06W	10:18	09/24/10	1.000
ID81024233	I235-07W	10:23	09/24/10	1.000
ID81024234	I235-08W	10:28	09/24/10	1.000
ID81024235	I235-09W	10:33	09/24/10	1.000
ID81024236	I235-10W	10:38	09/24/10	1.000
ID81024237	I235-11W	10:43	09/24/10	1.000
ID81024238	I235-12W	10:48	09/24/10	1.000
ID81024239	OC421	10:56	09/24/10	1.000
ID81024240	OC821	11:03	09/24/10	1.000
ID81024241	I235-15W	11:08	09/24/10	1.000
ID81024242	I235-16W	11:13	09/24/10	1.000
ID81024243	I235-17W	11:18	09/24/10	1.000
ID81024244	I235-18W	11:23	09/24/10	1.000
ID81024245	I235-19W	11:28	09/24/10	1.000
ID81024246	I235-20W	11:33	09/24/10	1.000
ID81024247	I235-21W	11:39	09/24/10	1.000
ID81024248	OC422	11:48	09/24/10	1.000
ID81024249	OC822	11:53	09/24/10	1.000

VERSION 10A UNIT % SUMMARY OF ICP ARC DCV 1081024 DATE 08/20/10 [illegible]

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	104	101	100	99	107	97	100	99	94	91	99	94	93	95	99	93	97	98	99	100	99	102	95	94	96	98	99	100
ICB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL2401	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL2402	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
LCS01	96	----	----	----	----	----	----	93	----	----	----	93	----	----	95	----	----	----	----	----	----	----	----	----	----	----	----	----
LCS01	95	103	103	103	98	94	100	97	98	91	100	91	96	101	93	87	100	95	102	104	106	105	95	87	95	96	96	101
CCV1	101	104	104	102	106	100	102	102	101	95	101	99	96	99	95	94	102	101	101	105	102	103	96	96	100	100	102	106
CCB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070MB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070ML	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070MC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2070-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	103	104	103	100	106	99	102	102	100	97	100	98	96	99	95	93	101	100	99	105	102	102	97	96	100	100	102	107
CCB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070SM	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070SN	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1296-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1295-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1291-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1323-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1320-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	104	104	103	100	106	99	102	103	101	95	100	99	96	99	95	94	101	100	99	104	102	103	97	95	101	101	102	107
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070MB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070ML	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1070MC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1075-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1074-24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	105	104	104	101	105	100	102	103	101	95	101	100	96	99	96	95	101	100	99	104	102	104	98	95	101	102	102	107

G101

CC61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC97-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC98-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC98-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC45	104	104	105	101	106	100	102	104	101	95	101	103	96	100	96	95	101	100	99	105	103	105	98	95	101	100	102	106
CC65	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC12-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC12-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC98-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC98-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC96-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC99-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC99-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC45	102	104	105	102	106	101	102	104	102	96	100	98	96	109	97	96	101	100	103	106	104	104	98	96	103	100	103	106
CC85	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107NE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107NW	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107NC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC20-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC20-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC20-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC9A2	96	----	----	----	----	----	----	96	----	----	----	96	----	----	96	----	----	----	----	----	----	----	----	----	----	----	----	----
IC9A62	98	106	108	105	100	96	101	95	95	92	102	96	93	103	97	91	101	96	105	108	109	109	97	90	96	98	99	105
CC97	102	104	107	102	106	102	102	104	103	95	102	95	95	100	97	96	101	99	104	108	104	105	98	95	99	102	103	108
CC87	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SP	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC95-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC95-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC95-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC21-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC21-04B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC78	103	104	105	101	104	102	102	104	102	95	105	101	97	102	98	97	102	100	103	106	104	107	103	98	99	99	102	108
CC88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107SO	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-01H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	102	105	109	105	104	103	102	104	103	95	102	100	96	102	96	97	102	103	104	110	104	107	106	97	99	100	102	106
CC89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IC77-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

I235-18	....	....	....	....	....	....	..		....	....	....	....	....	....		.	....	....	....	....	....	....	.		..	.	....	..
I235-19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	....	....	....	....	....
I235-20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	....	....	....	....	....
I235-21			....	....	....	....	....	....	....	....	....	....	. .	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CC415	102	104	179	106	103	102	103	104	103	95	103	100	97	103	94	97	103	100	104	110	105	108	101	99	99	93	102	109
CCB15	....	....	....	....	....	....	....	....	....	.. .	....	....	....	....	....	....	....	. .		....	....	.. .	....	....	....	....	....	....
IP1275SB	....	.			...		..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1275SL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.. .	.	....	....	....	....	....	....	....	....	....
IP1275SS	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I187-214	....	....	....	....	....	....	.. .		....	....	....	....	....	....	.	..	....	....	....	....	....	....	....	....	....	....	....	....
I187-21	..	.. .	....	....	....	....	.. .	....	....	...	....	. ..	...	....	....	....	...	. .	....	....	...	....	....	...			....	....
I187-212	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....		....	....	....	....	....	....	.	...	....	....	....
I187-214	....	....	....	....	....	....	.. .	.	....	....	....	....	....	..	...	....	....	....	....		..	....	....	....	....	....	....	....
I187-215	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.. .	....	....	....	....	....	..	.	....	....	....	....	....
I187-02	....	....	....	....	....	....	..	.		.	....			..	....	....	....	....	....	....	....	....	....	....	.	.	....	....
I187-03		....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....	....	....	....	....		....	....	....	....	....
CC416	101	104	110	106	102	103	107	104	104	96	103	103	97	103	94	97	102	103	104	110	105	109	101	99	99	95	102	108
CCB16	....		...	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	..	. ..	....	....	....	....	....
I187-04	....	....	....	.			..	....	....	....	....	....	....	....	....	....	....	.	. ..	....	....	....	....		....	....	....	....
I187-05	.	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	...	..	....	....	....	....	....	. .	.
I187-06	....	....	....	....	.		.	....	....	....	....	....	....	....	....	....	....		....	....	....	....	....		....	....	....	....
I187-07	....	. ..	....	....	....	....	....	....	....	....	....	....	...	..	....	....	....		..	....	....	....	....	..	...	....	....	....
I187-08	....	....	....	....	....	....	....	....	....	....	....	....	...	..	..	....	....	....	....	....	....	....	..	.. .	....	....	....	.
I187-09	...	.	....	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	. ..	....	....	....	....	....	....	....	....
I187-10	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	.. .	...	....	....	....
ICSA2	93	....	....	....	....	....	....	94	.		.	94	.	....	92	....	....	....	....	....	....	....	....	....	....	.		...
ICSA33	94	112	110	108	95	101	99	93	95	99	102	94	93	105	92	90	100	94	107	109	109	111	98	99	93	93	96	103
CC417	102	104	110	107	103	104	103	104	104	95	103	101	97	104	94	96	103	100	106	110	105	109	101	99	99	99	102	109
CCB17	....	.. .		....	....	....	....	....	....	....	....	....	....	....	.	..	....	...	....	....	....	....	..	....	. ..	....	....	....
IP1275SB	....	....	....	....	....	....	....	. .	..	. .			.	....	....	....	....	....	....	...	..	...	....	....	....	....	....	....
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IP1275SS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....	...
I235-214	....	....	....	....	....	....	...	....	..	.			.	....	....	....	....	....	....	....	....	....	....	....		..	....	....
I235-21		....	....	....	. ..	..	....	....	....	....	..	. .	..		....	....	. ..	...	....	....	....	....	....	....	....	..		...
I235-212	....			...	....	....	....	....	....	....	....	....	....	....	..	.	....	...	....	..	....	....	. .	....		..	....	....
I235-214	....	....	....					....	....	....	....	....	....	....	..		.	....	....	....	.	....	....	....	....	....	....	....
I235-215		....	....	....	....	....	....						....	....	....	....	...		....	....	....			....	....	....	....	....
I235-02	....	....		..	....	. ..		....	....	....	....	....	....	....	.	..	....	....	....	..	....	....	....	....	....	....	.. .	
I235-03	....	....	....	....	....	....	....				. .	....	....	....	....	....		...	....	....	....	.	....	....	...	....	....	....
CC414	102	104	111*	107	102	104	103	103	104	95	104	100	97	105	93	98	104	100	105	111*	106	110	102	100	96	99	102	109
CCB14	....	....			..	. .	.	....	....	....	....	....	....	....		....	....	....	....	....	...	....	....	. ..	..	.	....	....
I235-04	....	....	....	....	....	....	....	....	....	.			..	....	....	....	..	....	....	....		....	....	....	....	....		.
I235-05	...		.	....	....	....	....	....	....	....	....	....	...	.	....	....	....	....	..	...	....	....	....		....	....	....	....
I235-06	....	.	.	....	....	....	....	....	....	....	....	....	....	..	...	....	....	....	...	..	....	....	....		....	....	....	....
I235-07	....	....	....	....	....	....	....			..	...	....	....	....	....	....		....	....	.. .	....	....	....	....		..	....	....
I235-08	. .	. .	....	....	....	....	....	....	....	. .	.	.	....	....	....	....	.. .	...	....	. .	..	....	....	....	....	...	....	....
I235-09	....	....	....	....	...		..	....	....	....	....	....	....	....	.	....	....	....	....	..	....	....	....	....	.	..	....	....
I235-10	..	. .	....	....	....	....	....	....	....	....	....		..	....	....	....	....	..	....	..	..	....	....	....	....		....	....
I235-11	....	...	.	....	....	....	....	....	....	....	....	....	...	..	....	....	....	....	..	....	....	...	...	....	....	....	....	....
I235-12	....	....	....	....	....	....	....	..	....	....	....	....	....	....	...	....	....	....	....	. ..	....	....	....	.	....	....	....	....
CCV19	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
CCB19	. .	....	....					.. .	. .	....	....	. .	....	....	.	....	....	....	.	....	....	....	...	. .	....	...		....
I235-15	....	....	....	....	....	....	....	.	....	....	....	....	....	....	....	.	....	....	....	. .	. .	....	....	....	....	....	....	....
I235-16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	..	....	....	....	....	....	....	....	....	....	....	....	....
I235-17	...	.	....	....	....	....	....	.		..	....	....	....	....	..	..	....	....	....	....	....	....	....	....	....	.	....	....
I235-18	....	....		....	....	....	....	....	....	....	....	....	..	...	....	....	....	....	....	....	..	....	....	....	....	..	..	....
I235-19	....	....	...	....				....	....	....	....	....	...	...	...	....	....	....	....	....	....	....	...	..	....	....	....	....

I235-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	102	103	110	106	103	104	107	104	103	94	104	102	97	105	94	96	103	105	104	109	105	110	101	99	99	98	109	106
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-04m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-05m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-06m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-07m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-08m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-09m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-10m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-11m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-12m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	97	100	105	103	100	100	99	100	101	92	97	96	95	101	90	89*	99	95	106	105	102	105	97	94	95	96	100	105
CCB4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-13m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-14W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-17m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-18m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-19m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-20W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I235-21m	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	96	101	104	104	101	100	100	99	101	93	95	96	94	103	97	87*	99	97	109	105	103	106	99	95	96	97	101	105
CCB5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

QC limits of each parameter are listed in a table attached next to all the ICP check forms

* Out of QC limits

VERSION 1.4 UNIT : UG/L SUMMARY of CALIBRATION BLANKS - 1081624 (WATER) DATE : 09/23/10 INST : CHAY

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	---		----	----		----		----	----	----	----	----	-	----	- -	----	----	----	----	----	----	---	--
S21	----	-	----	----	----	----	----	---	- -	----	----	---	----	----	----	----	-	----	----	---	-- -	---	----	----	----	----	----	----
S21	----	---	----	--	----	-- -	----	----	----	----	----	---	----	----	----	----	----	----	----	---	----	----	---	---		----	----	--
S22	----	----	-	----	----	-	-	--	-	----	----		---	----	----	----	----	----	--	---	----	----	----	----	----	--	---	----
S23		----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	--	----	----	----	----	----	----		----	----	- --	----
S24	----		---	----		----	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----	----	----	----	----	---	--
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----	----	----	----	----	----	----
S26	--		----	----		- --	- -	---	----	----	-	----	- --	----	---	-- -	----	--	----	----	- --	---	----	----		----	----	
S27	----	----	-	---	---	----	----	-	- -	----	----	----	----	----	----	----	---	----	----	----	----	----	-- -	----	----	-	-	----
S28	--	----	----	----	----	----	----	----	----	----	---	----	----	--	----	----	----	----	----	----	-	----	----	----	----	----	----	----
S29	----		----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	-	----	----	----	----	----	----
S30	--	----	----	----	----	----	----	----	----	----	-	----	----	--	----	----	----	----	----	---	----	----	-- -	----	----	--	- -	----
S31	----	----	--	---	----	----	----	- --	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	--	----	----	----	----
ICV	----	- -	- -	----	----	- -	----	---	----	----	-	----	--	----	---	---	----	-	----	--	- --	---	---	- -	----	- --	-	----
ICS	340	13.5	.303	-.070	.010	1.12	-.013	-13.0	.120	-.030	-.220	1.50	.130	-.390	110	-.210	.910	-.220	9.60	.329	.040	-2.81	.313	1.40	-1.09	.600	.010	-.760
MRL2A1	----	----	-- -	----	--	-	----	- --	----	----	----	----	----	----	----	---	----	--	----	----	----	----	---	-- -	----	----	----	----
MRL2A2	----		----	---	----	----	----	----	----	----	----	----	----	--	----	-	----	----	----	----	- --	----	----	----	--	----	-	----
ICSA1	----	4.77	-1.51	.050	-.020	-16.1	.500	-	-.770	-1.16	-.350	----	-.730	1.42	---	1.82	-2.46	-1.17	52.1	4.97	.020	44.5	.540	-.830	.510	.140	-.240	2.79
ICSAB1	--	----	-- -	----	----	----	----	----	----	----	----	----		----	----	----	--	---	----	----	----	-	--	----	----	-- -	----	----
ICV'	--	---	----	-- -	----	- --	----	----	----	-	--	----	-	---	----	----	----	--	----	- -	---	----	-	- -	----	-- -	----	----
CCB1	.660	10.1	-.303	-.013	.003	1.20	.010	11.4	-.010	.020	-.310	1.52	-.021	.280	-5.50	-.143	.870	-.200	9.76	-.609	.000	-4.59	.373	1.15	.680	.930	-.293	-.140
IP10?6W?	----	----	----	--	----	----		-	---	----	----	----	----	----	---	----	--	----	----	----	----	---	----	----	----	--	----	-
IP10?6W	--	----	----	----	----	----	----	---	---	---	----		----	----	----	----	---	----	----	----	----	--	--	----	----	----	----	----
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1320-01	----	-	---	----	----	---	----	----	----	---	----	----	----	-	----	----	----	----		- ----	---	- -	----	- --		----	--	---
1320-01D	---	----	----	----	----	----	----	---		----	----	-	----	----	----	----	--	-- -	----	--	----	----	----	----	----	-	----	-
1320-02	----		----	----	----	----	----	----	----	----	-	----	----	---	----	----	----	--	---	----	----	--	-	----	----	----	----	----
1320-03	----	----	----	--	----	----		---		----	----	---	----	----	---	----	----	----	- -	--	----	----	----	----	--	----	--	----
1320-04		----	----	----	----	----	----	----	---		----	---	----	-	----	----	----	----	---	----	----	----	--	--	--	----	--	----
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CCB2	1.20	9.68	.680	-.030	-.310	.970	-.013	6.78	-.020	-.110	-.110	.651	-.053	-.410	1.55	.330	.940	-.160	5.84	.390	-.330	14.3	.320	-.10	-1.03	.290	-.340	-.250
IP10?1SQ	----	----	----	--	-	-	----	-	----	----	----	- --	----	----		--	----	----	-- -	-	----	----	----	----		----	-	----
IP10?1S4	----	-	---	----	----	----	----	---	----		----	-	----	----	----	----	--	----	----	----	- -	----	----	----	----	--	----	-
IP10?1S4	----	----	--	-		----	----	- --	----	----	----	----	----	---	---	----	----	----	-	----	----	----	- --	--	---	----	----	----
I296-01A	---	----	----	----	----	---		----		----	----	----	----	----	---	--	----	----	----	-	----	----	----	----	--	---	-	----
I296-01A	--	---	--	--	---	----	- -	---	- -	----	---	--	----	-	- --	---	----	-	---	----	--	----	--	---	----	-	---	-
I296-01D	----	-	---	--	--	----	----	----	----	----	----	----	---	-	----	----	----		---	-- -	----	--	----	-	-- -	----	----	----
I320-01A	---	----	----	----	----	---		----		----	----	----	----		----	---	----	-	----	----	----	---	--	---	- -	----	----	----
I320-01H		----	----	----	----	----	----	---	----		---	-	----	----	----	----	--	----	----	----	- -	----	----	----		----	----	----
I320-01S	----		----	-- -	----	----	----	----	----	--	----	----	-	----	----	----	----	---	----	----	----	---	----	--	----	----	---	----
CCV3	---	----	----	----	----	---		----	--	----	----	----	----	----	---	-	----	-	---	----	----	--	----	-	----	----	----	----
CCS2	1.68	11.7	1.49	-.060	.030	.190	.010	7.36	-.020	.090	-.160	1.19	-.540	.250	5.55	-.010	1.020	-.150	11.6	.735	.190	14.7	.020	1.19	1.34	.840	.030	-.260
IP10?3W?	--	----	----	----	----	----			----	----	----	----	----	----	---	-- -	----	----	---	- -	----	----	----	----		--	----	----
IP10?3W1	----	-	----	--	----	----	----	----	----	----	--	----		----	----	----	--	----	-- -	----	--	----	----	----	----	--	----	----
IP10?3W2	----	----	-	----	-	----	----	----	----	----	----	----	-	----	----	----	---	----	----	----	---	----	--	----	----	--	----	
I075-02A	----	----	----	----	----	---	--	----	--	----	----	----	---	--	----	----	----	----	----	----	----	----	--	----	----	----	----	---
I075-02	--	----	----	----	----	----		----		---	----	----	---	----	--	-	----	---	- -	---	----	----	----	--	----	----	----	--
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I075-02B	---	----	----	----	----	----	-- -	----	----	-	----	----	----	----	----	--	----	- -	----	----	----		----		--	----	----	--
I075-02C	----	-	----	----	----	----	----	----	----	-	----	---	----	-	----	----	----	-- -	----	----	---	----	----	----	----	---	- -	----
I075-02	----	----	----	----	----		----	-	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	-	--	----
I075-04	-	----	----	----	----	----	--	----	-	----	----	----	----	----	- -	---	----	----	-	----	--	----	- --	----	----	-	--	----
CCV4	-- -	---	----	----	----	----	----	----	----	--	----	----	----	----	---	-- -	----	-- -	----	---	----	----	----	--	----	----	----	----

CCB1	4.23	15.7	.610	.040	.000	.850	.010	4.27	.020	-.020	-.150	1.07	.110	-.370	-.640	-.030	1.02	.150	24.9	1.06	.200	2.38	.050	1.50	-.560	.700	-.080	-.520
1097-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1097-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB6	.580	11.0	.770	.060	.010	.900	.030	12.5	-.020	-.040	-.150	-.480	-.300	-.580	-.880	-.080	1.09	-.210	16.6	.380	.020	.135	.020	.900	.950	.640	-.080	-.100
1112-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1112-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1098-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1098-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1096-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1129-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1129-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB6	3.05	9.80	.750	.060	-.010	1.23	.020	52.3	.100	.010	-.130	2.24	.210	-.420	-6.07	.050	1.000	-.030	15.4	.950	.060	.152	-.010	1.15	-.890	.610	-.150	2.20
IP1077WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1077WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1077WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1034A2	----	6.90	-.250	.140	-.040	-9.07	.560	----	-.560	-1.23	-.360	----	-2.50	.930	----	1.08	-2.35	-1.35	19.7	4.02	.210	.151	.340	-.740	1.68	1.45	.450	2.79
1034A2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC37	-.270	6.71	1.16	-.010	.020	.390	.040	2.29	-.060	.070	-.060	1.49	.340	-.850	1.00	.040	.360	-.310	3.49	.090	.030	54.5	-.020	.980	.520	.500	-.170	-.720
TP107050	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP107055A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP107057	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1096-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1096-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1096-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1021-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1021-04B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1021-04J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1068	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2088	-1.99	8.47	.720	-.100	.020	.190	.010	.040	.130	.060	-.030	3.66	.120	.300	-7.50	.080	.610	-.110	-29.9	1.02	.020	19.3	-.010	.430	-1.08	1.21	-.160	-.840
IP107253	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107255	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP107252	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-01J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-01N	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1037-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	-1.79	11.5	-.320	-.050	-.010	.920	-.010	21.2	-.050	-.040	-.030	4.89	.430	-1.05	.520	-.030	1.03	-.150	-14.7	.740	-.080	9.09	.002	1.33	-1.38	2.40	-.070	.480
1027-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1027-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1077-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CV17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CB13	3.35	9.79	.239	-.100	-.085	.471	-.038	12.7	.020	-.090	.033	.056	-.163	-.310	-.190	-.240	1.07	-.241	-22.6	.900	-.020	-1.66	-.026	1.09	-1.20	1.49	-.152	.265
1077-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1077-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CV13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CB13	-3.56	9.15	1.22	-.170	-.030	.680	.010	-4.69	-.079	-.250	.060	1.15	.160	-.770	-6.94	-.163	1.01	-.230	-13.6	1.12	.103	-5.95	.003	1.29	1.01	1.65	-.203	-1.02
TK10655	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1462-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1462-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1464-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CV12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CB12	3.26	15.5	.380	-.015	-.039	1.24	-.048	3.66	.505	-.045	.052	-.200	-.133	-1.11	1.05	-.148	.940	-.138	-9.68	.021	-.070	27.5	-.062	1.26	-.850	.939	.213	.827
TP10655	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10655	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10655	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1225-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CV13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CB13	3.13	15.7	1.27	-.080	.010	1.71	.010	14.5	-.020	-.130	.062	1.76	-.001	1.07	-.113	-.190	.313	-.080	-22.3	.110	.040	10.7	.020	1.47	-1.16	.443	-.130	.320
1235-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CV14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0CB14	-2.95	9.09	-.620	.030	-.010	.910	-.213	-10.3	-.020	-.050	.149	.653	.100	-1.09	1.09	.163	.851	-.120	-20.7	-.070	.090	4.25	.330	1.35	-.950	.680	-.173	-1.16
1235-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1235-19	----	----	-	-	---	-	--	----	--	----	--	---	--	-	----	- --	----	----	----	----	----	- --	----	----	----	----	---	--		- --
1235-19T	----	----	----	----	----	----	----	--	----	- -	----	---	----	--	--	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----
1235-20	----	-- -	-	-	----	- -	-- -	--	---	----	---	----	----	----	----	----	----	---	----	-- -	----	----	- -	--	---	-	----	----
1235-21	----	----	----	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	--	--	----	----	----	----	----	----	----
1235	---	----	-	-	--	---	-	----	-	---	- -	--	--	----	----	----	--	----	----	--	----	----	----	--	----	--	--	----	--
CC815	-1.02	8.96	-.230	.343	.030	1.37	.010	-11.0	-.143	-.240	.306	3.59	.232	1.35	1.29	-.320	.899	-.130	24.5	.990	-.020	-1.36	-.113	1.27	-.830	.340	-.099	-1.22
IP107555	- -	----	----	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	----	----	----	--	- -	----	---	----	----	----
IP107551	----	-- -	----		--	- -	----	-	----	- -	--	- -	-- -	--	----	----	----	----	----	----	----	----	----	---	----	--	---	---
IP107550	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	---	----	----	---	----	----	----	----	----
1137-01A	----	-- -	- --	---	- -	-- -	---	-	----	---	----	--	----	----	----	--	--	----	----	----	----	- --	----	--	- -	----	- --	----
1137-01	- -	----	- --	---	----	----	----	----	---	----	----	----	---	----	--	---	----	----	----	---	- -	----	----	----	----	- -	----	-- -
1137-01L	- -	--	----	----	----	----	----	----	- -	----	----	----	----	----	----	--	----	----	---	----	--	--	----	-- -	----	----	----	----
1137-01M	----	----	----	----	---	----	----	--	- -	--	--	--	--	----	----	----	----	--	----	----	----	----	----	----	----	-	--	---
1137-01S	-	--	----	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	-	--	----	----	----	----	---	----	--
1137-02	----	----	----	----	--	----	--	----	---	----	--	----	----	----	----	----	---	----	----	----	----	----	---	----	----	----	---	-- -
1137-03	-- -	----	----	----	----	----	----	----	----	- -	----	-	---	-- -	----	----	----	----	----	----	----	----	----	--	-	-- -	----	----
CC816	- -	----	---	- -	--	---	- --	--	---	----	---	---	-- -	-	----	----	----	----	--	--	----	----	----	----	----	---	----	--
CC818	-3.32	11.7	.010	-.073	-.010	.899	-.030	-9.64	-.093	.219	-.053	2.35	.110	-.670	-4.67	.060	.970	-.180	-24.6	.700	-.020	5.62	.020	1.39	.040	.610	-.170	1.24
1187-04	--	----	----	----	----	----	---	----	-- -	- --	- -	--	-- -	-	----	----	----	----	---	----	----	----	----	----	----	---	- -	----
1187-05	----	----	----	---	----	- -	---	--	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----
1187-06	---	----	----	----	----	----	----	----	--	- -	--	-	---	-- -	----	----	----	-	-	----	----	----	----	--	-	----	----	----
1187-07	----	--	- -	----	---	----	----	----	----	----	---	----	--	----	----	----	----	----		- -	----	----	----	----	-	-	----	----
1187-08	---	---	--	--	----	---	----	----	----	---	----	----	----	---	-- -	---	----	---	- -	----	-	---	----	- -	- -	-- -	- --	----
1187-09	----	----	----	----	----	----	---	----	--	----	--	----	----	----	----	- --	--	----	----	----	----	----	--	----	----	----	----	----
1187-10	----	----	- -	-	---	--	----	----	----	----	----	----	----	---	--	----	----	----	----	----	--	----	----	--	-	----	----	----
1235	----	1.75	-2.32	1.17	.030	.900	1.76	----	.250	1.24	.350	----	-3.16	1.44	----	5.68	-2.64	-1.51	-16.5	5.16	.990	60.3	.590	-1.98	.360	2.71	-.760	2.60
1235R1	----	----	--	---	----	---	----	----	----	----	----	----	----	----	--	---	----	--	--	----	----	- --	- -	----	---	----	----	----
CC917	----	----	----	----	--	---	--	---	--	---	-- -	----	----	----	-- -	----	----	----	----	----	----	---	----	----	----	-- -	--	----
CC917	-2.20	9.91	-.365	-.050	.000	1.07	.010	-6.93	.110	-.280	.160	.630	-.220	1.01	2.21	-.050	1.06	-.190	-19.3	.790	.040	.540	-.140	1.81	-.960	.810	-.100	-1.18
IP107558		----	----	---	----	----	----	--	-- -	---	--	----	---	----	----	----		----	----	---	----	----	----	----	----	----	---	----
IP107551	----	---	----	----	----	----	----	----	----	- -	---	--	- -	----	----	----	----	--	---	----	----	--	- -	----	----	----	----	----
IP107550	----	----	- --	- --	---	- -	----	- --	----	----	----	---	----	-	----	----	----	---	--	----	----	----	----	----	---	----	----	----
1235-01A	----	----	----	----	---	----	--	----	--	---	----	----	----	----	----	--	---	----	----	---	----	----	----	--		- -	----
1235-01	-	-	---	--	----	---	----	----	----	- -	--	-	- -	----	- --	----	----	---	----	---	----	--	-	----	----	---	----	----
1235-01L	----	---	-	----	----	-- -	----	----	---	-- -	----	----	---	-	---	----	----	-- -	- -	----	--		--	----	- -	-- -	---	-
1235-01M	----	--	-	---	--	----	----	----	-- -	----	----	----	----	---	--	----	----	----	----	----	----	- --	----			-- -	----	----
1235-01S	-	--	----	- --	--	-	--	-	--	---	----	----	----	----	--	-	----	----	----	---	----	----	----	----	----	---	-	- --
1235-02	---	----	--	----	----	----	----	----	----	----	----	----	----	-	--	----	----	---		----	----	----	- --	---	---	----	---	--
1235-03	----	-- -	----	-	- -	-	-	- -	--	----	----	----	----	----	---	---	----	----	----	-	--	----	----	----	-		- -	----
1235	- -	----	--	---	-- -	--	-- -	-	--	- -	----	-	----		---	----	----			----	----	-	--	----	---	----	----	-
CC819	-2.65	11.7	1.21	-.050	.040	1.24	.050	-.220	.360	-.140	.760	3.76	.230	1.75	3.10	-.160	1.38	-.720	-25.1	.340	-.130	5.84	-.050	.990	-.690	.710	.230	.30
1235-04	-	----	----	----	----	----	----	---	---	--	----	----	----	---	-	---	----	----	----	-	----	----	- --	--	----	---	----	----
1235-05	---	----	---	---	----	----	----	----	----	----			---	-- -	----	----	----	-	----	----	----	---	--	--	----			----
1235-06	-- -	-- -	--	-	----	----	----	----	----	----	---	----	----	-	--	----	----	----	-	----	----	----	--	----	----	----	----	--
1235-07	----	----	----	----	----	----	---	-- -	----	--	----	----	----	----	--	-	----	----		-- -	----	----	--	---	----	----	----	----
1235-08	----	--	-- -	----	---	----	- --	----	-	-	----	----	---	--	----	- -	----	----	----	- -	----	----	----	----	--		-- -	----
1235-09	----	----	----	- --	--	--	--	----	-- -	----	----	----	----	----	--	----	----	----		----	-- -	----	--	---	---	----	---	----
1235-10	----	--	--	----	----	----	----	----	--	- -	---	---	----	----	----	----	----	----	----	- --	----	----	- --	--	----	----	----	----
1235-11	---	--	----	---	----	----	----	----	----	----	---	---	--	- -	----	----	- -	-	----	----	---	----	---	----	----	----	----	--
1235-12	----	----	----	- --	---		-	----	----	----	- -	-	---	----	----	----	--	----	----	----	----	----	----	----	----	----	--	----
CC819	----	----	----	-	--	-	-- -	----	----	----	----	---	----	---	--	----	----	--		----	----	--	-	----	----	----	----	----
CC819	-1146	-5397	3794	-9449	710	-3050	294	-7727	2931	1498	-2611	6714	-1523	27576	-13541	4776	305	247	76731	-6856	-1945	-20518	2366	2081	-56.5	7087	6792	-773
1235-13	----	----	----	- -	--	--	-	----	----	----	----	----	----	---	--	----	---	----	----	----	----	----	----	----	----		- -	----
1235-14	----	----	----	-	--	---	-- -	----	----	----	----	---	----		- -	----	----	----	----	----	----	----	----	----	---	-	----	----
1235-15	---	---	----	----	----	----	---	- --	--	----	----	----	----	----	----	----	----	----	----	----	----	--	-- -	----	----	----	----	----
1235-16	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-17	---	---	----	----	----	----	----	- --	--	----	----	----	----	----	----	- -	----	----	----	----	-- -	-- -	-	----	----	----	----	----
1235-18	---	----	---	---	----	----	----	----	----	- -	-	----	---	----	----	- -	----	----	----	----	-- -	-- -	-	----	----	----	----	----
1235-19	----	--	- --	----	--	----	----	----	----	----	----		--	----	----	----	----	----	----	----	---	--	----	----	--	----	----	-- -

1235-20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2D	-4.51	10.5	.060	-.070	.120	.500	.020	-2.25	-.120	.140	.000	.350	-.272	-.920	.590	.080	1.04	-.095	-31.8	-.850	.040	5.91	-.043	1.30	-.990	.760	-.140	.990
1235-14W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-15W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-08W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-09W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-10W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-11W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-12W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2E	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB2E	-2.97	9.22	.710	-.068	-.010	.410	.040	-2.47	.100	.000	-.060	-.870	.110	-1.32	3.50	-.180	.930	-.110	-45.1	-.370	.080	1.84	-.050	1.05	-1.55	.760	-.250	.460
1235-13W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-14W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-15W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-16W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-07W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1235-08W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2F	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB2F	-4.26	9.76	-.350	-.070	-.020	.510	.000	-13.0	.050	.010	-.250	.510	.771	-1.55	.610	-.090	.930	-1.0	-10.3	.000	.050	-11.1	-.040	.780	-.970	.630	-.110	.660

QC limit of each parameter are listed in a table attached next to all the ICP check forms

* Out of QC limit

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	--		----	--		---	----	----		-	---	----	----	----	----	----	----	--
S21	----	----	----	----	--	----	----	----	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	---	----	----
S22	-	---	----	----	---	---	----	----	----		--	----	----	----	----	----	- -		----	----	----	----	----	----	---			
S23	---	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----					-	----	----
S24	--	---	----	----	----	---	----	----	----		--	----	----	----	----	----	--	-	----	----	----	----	----	----	----	---		
S25	----	----	----	----	---	- --	----	----	----	----	----	----	----	----	----	----	----	----	----	--	-	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	- -	-	----	----	----	- --	----	----	----	----	----	---					--	----	----
S27	-			- -		--	----	----	----	----	----	----	----	----	----	---		-	----	----	----	----	----	----	-	- -	----	----
S28	---	----	----	----	----	----	----	----	----	----	----	---	----	----	--	--	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	-- -				--	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	---	--		-	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	-- -	----	----	----		----	----	----	----	--	-	----	----	----	----	----	----	----
S31	----		-	----	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	----	----	----	----	----	----	----	----	----
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	- -	---	----	-- -	-- -	---	----	----
ICB	.240	13.6	.370	-.070	.010	1.13	-.010	13.0	.120	.030	-.220	1.58	.130	-.320	.210	-.210	.910	.220	9.60	.720	.040	-2.81	.310	1.40	1.09	.950	.310	-.760
MRL2401	----	----	----	----	----	----	----	----	----	----	----	----	----	-- -	--	----	----	----	-	---	----	----	----	----	----	----	----	----
MRL2402	---	----	----	----	----	----	---	----	-- -	----	--	----	----	----	----	---	----	----	----	---	-	----	----	----	----	----	----	----
ICSA	----	4.77	-1.21	.050	-.020	-15.1	.030	----	-.770	-1.18	-.350	-	.730	1.42	----	1.62	-2.46	1.17	52.1	4.97	.020	44.5	.540	.890	.610	.740	-.240	2.39
ICSAB1	---	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	- --	-					- -	-- -	----	----	---	----	----	----	----	-- -	----	---	--	----	----	--	- --	----
CCB1	.650	10.1	-.300	-.010	.000	1.20	.010	11.4	-.010	.010	-.110	1.52	-.020	-.280	-5.50	-.140	.870	-.200	-9.76	-.620	.030	4.89	.370	1.18	.580	.520	-.290	-.140
IP1076MB	----	----	----	----	----	--				-	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	--	----
IP1076ML	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	---
IP1076MC	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	-		----	----	----	----
[illegible]	---	----	----	----	----	-					--	----	----	----	---	----	----	---	----	----	----	----	----	----	----	---	--	---
1320-C1	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	-	----	----	- -	--	----	----	----	----	----	----	----	----
1320-C1J	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	- -	----	----	----	----	----		---
1320-C2	-		----	----	----	----	----	----	----	----	----	-- -	----	----	----	----		----	----	----	----		----	----	----	----	----	----
1320-C3	----	----	----	----	----	----	----	----	----	----	----	----	---		----	----	----		----	----	----	----	----	----		-	----	----	----
1320-C4	---	----	----	----	----	----	----	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	-	- -	----	----	----	----	---	----	----	----	----	----	----	---	----	- -	----	----	-- -	- --	---	----	----	----	----	---		
C122	1.20	9.68	.580	-.231	-.012	.971	-.010	6.76	-.030	-.110	-.120	.650	.250	-.410	1.55	.390	.940	-.180	5.84	.383	-.030	14.0	.320	.773	1.70	.790	-.040	.260
IP1077SO	----	----	----	--		--	----	----	----	----	----	----	----	-	-	----	----	- -	--	----	----	----	-		----	----	----	----
IP1077SP	-		----	----	----	--					--	----	----	----	----	-- -	----	----	----	-	-	----	----	----	----	-	----	----
IP1077SQ	----	----	----			--	----	----	----	----	----	----			----	----	---	--	----	----	----		-	----	----	----	--	----
1296-C1A	---	----	----	----	----	----	----	----	----	----	----	----	----	----	---	-	----	----	----		----	----	----	----		-	----	----
1296-C1B		- -	----	---	-	- --	- --	-	- -	- --	--	-	-- -	-	--	----	-- -		----	----	- -	---	----	----	----	----	---	- --
1296-C1C	----	----	----	---	--	--	- --	----	----	----	-- -	---	----	----	-	--	----	----		---	- --	----	----		-	----	---	----
1320-C1A	----			----	----	----	----	----	----	----	-- -	-- -		-	----	----	----	----	----	----	----	----	----	----	----	----	---	----
1320-C1B	----	----	----	----	--	--	----	----	----	----	----	----	----	----	-	--	----	----		----	----	----	----		----	----	--	----
1320-C1C	---		---	----	----	----	---	-- -	-		-	----	----	----	--	---	----	----	----	--	-	----	----	----	----	-	----	----
CC43	----	----	----			- --	----	----	----	----	----	----	----	----	--	---	----	----		----	----	----	----	----	----	----	----	----
CC63	1.88	11.7	1.49	-.050	.10	.383	.010	7.35	-.120	.190	-.161	1.19	-.140	-.280	3.23	-.010	3.000	-.160	-11.6	.736	.190	14.7	.020	1.16	1.14	.840	.030	.262
IP1073AA	----	----	----		- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1073AL	---	----	----	----	----	-- -	----	----	----	----	----	----	----	----	--	--	----	----		----	----	----	----	----	----	----	----	----
IP1073AC	- --	----	----	----	----	--					--	----	----	----	----	- -	----	----	----		----	----	----	----		---	----	----
IC75-C2A	- --	- -		----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	-	- -	----	----	----		--	----	----
IC75-C2	- --	----		--	----	----	----	----	----	----	----	- --		--	----	----	-	----	----	----	----	----	----	----	----	--	----	----
IC75-C2J	--	-- -	- -	----	----	----	----	----	----	----	----	----	---	----	----	----	---	- --	----	---	- -	- -	----	----	--	-	----	----
IC75-C2M	----	----		----	----	----	----	----	----	----	---			----	----	---	-- -	----	---		--	---	----	----		---	----	-
IC75-C2S	----	----	-	---	----	----	----	----	----	----	----	---		----	----	---	----	----	----	- -	----	----	----	----	--	--	----	
IC75-C1	----	----	----	----	----	----		----	----	---	----	----	----		----	----	----	----	----	----	----	----	----	----	----	--	----	----
IC77-C1	----	----	----	----	----	--					-	----	----	----	----	---	----	----	-	----	---	---	----	----	----	---	----	----
CC94	--	-- -	----	----	----	----	----	- -	--			----	---	----	----	-	----	----	--	----	----	----	--	----	----	----		---

CC54	4.21	15.2	.820	-.040	.003	.660	.010	4.27	.023	-.020	-.150	1.97	.110	-.330	-.640	-.350	1.52	.150	-24.9	1.65	.200	2.38	.050	1.53	-.650	.700	.080	-.520
1097-02	----	----	---	--	----	--	----	-	---	- -	---	--	--	----	----	----	-	-	----	----	----	----	----	----	- --	----	----	---
1097-03	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----		----	----	----	----	----	----	-	--	----	----	----	----
1097-05	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		---	----	----	----	----	----	----	--	- -	----	
1097-08	- -	----	----	----	--	----	- --	----	---	---	----	----	----	---	- --	-	----	----	----	----	---	----	-	---	---	----	----	----
1097-10	----	----	----	---	----	---	----	----	----	----	--	----	--	---	----	----	----	---	---	----	----		-	----	----	----	----	----
1097-13	----		--	----	----	--	-- -	- -	----	--	---	---	----	- -	----	----	----	----	---	----	----	----	----	----	----	---	--	----
1097-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	----	----	----	----	----	- --	----	----
1097-17	-	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	----	--	--	----	----
1091-21	----	----	----	----	----	-- -	----	----	----	----	----	----	-- -	----	----	-	----	----	----	----	----	-	-	----	----	----	----	----
1091-02	----	- --	---	----	---	- -	----	--	----	----	----	---	-- -	----	----	-	----	----	----	----	-- -	----	--	----	-- -	--	----	---
CC95	----	----	---	-- -	---	----	-- -	----	----	----	----	---	----	----	--		----	----	----	----	----	----	---	----	----	----	----	----
CC85	.560	11.0	.770	.003	.015	.000	.031	12.5	-.023	-.040	-.150	-.480	-.330	-.580	-.880	-.080	1.39	-.210	16.6	.380	.020	.135	.020	.000	-.950	.840	.080	.100
1112-10		----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	-- -	----	----	----	----	----	----
1112-11	----	----	----	---	----	--	----	--	--	---	- -	----	- --	- --	----	----	----	----	--	----	----	----	----		---	---	----	----
1098-98		----	----	----	----	----	----	----	----	----	----		--	----	----	----	----	- -	-	-- -	----	----	----	----	----	----	- -	--
1098-09	- -	---		----	----	---	----	-- -	----	----	---	---	----	----	----	-	- --	----	----	-- -	----		----	----	----	---	- -	----
1086-02	----	----	----	---	----	----	---	----	-	-	----	---	-	----	----	----		--	--	----	----	----	---	-	---	----	----	----
1129-02	----	-	-	----	----	----	----	----	----	----	- --	- --	----		----	----	----	----	----	----	----	----	----	----	----	--	----	----
1129-04	----	----	----		--	----	--	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
CC49		----	----	----	----	----	----	----	----	----		- --	- --	----	----	----	----	- -	----	----	----	----	----		----	----	----	----
CC86	3.05	9.88	.750	.050	-.010	1.23	.022	32.3	.100	-.010	-.130	2.74	.710	-.420	-6.07	-.060	1.300	-.080	15.4	.950	.050	.152	-.010	1.15	-.890	.610	-.150	2.20
IP107309		---	----	----	- -	- --	----	---	----	--	-	----	- -	- --	----	----	-- -		---	----	- -	----	----	-	-- -	----	----	- -	---
IP107WL	----	----	----	- -	----	--	---	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----		---	----	----	----
IP107WC		----	----	----	----	----	----	- -	---	----	---	----	----	----	----	----	-	---	----	----	----		----	----	----	----	---	----
1120-014	----		----	----	----	----	----	----	----	----	----	-- -	---	----	----	----	----	--	- --	----	----	----	----	----	---	--	----	----
1120-02		----	----	----	----	----	---	---	----	---	--	---	----	----	----	----		---	----	----	----		----	----	----	----	- -	--
1120-012	---		--	- --	----	- -	----	----	----	----	----	-	---	----	----	----	----	---	--	----	---	-- -	----	----	----	----	- --	----
CC542	----	6.99	.750	.140	-.040	-9.07	.550	- --	-.560	-1.23	-.350	- --	-2.58	.530		1.76	-2.38	-1.35	35.7	4.02	.210	.161	.340	-.740	1.68	1.45	-.490	2.79
1054-02	----	----	----		--	----	- -	--	----	----	----	----	----	----	----		----	----	----	----	-	----	----	----	----	----	-	--
CC97	----	----	----	-	-	----			----	----	---	----	----	----	----	-	----	----	----	---		----	----	----	----	--	--	-
CC87	-.270	6.71	1.16	.012	.020	.190	.040	2.25	-.060	.070	-.050	1.49	.340	.850	1.60	.040	.550	-.310	3.49	.030	.050	54.5	-.020	.980	-.530	.500	-.170	-.722
IP107032	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	- --	--	-	----	----	----		- -	--	----	----
IP107035	- -	----	----	---	----	- --	---	--	-	----	--	--	----	---		---	----	- -	---	----	----	----	----		--	--	----	----
IP107037	----	----	- --	---	--	----	-		---	-- -	----	-- -	----	----	----	-	-- -	----	----	----		----	----		---	----	---	----
1296-014		----	----	----	----	----	---	----	- -	--	--	--	-	----	----	----	----	---	----	----	----		----	----	----	--	--	--
1296-014	----	----	----		--	--	- -	--	----	----	----	----	----	----		----	----	-	----	----	----	----	-	----	---	----	----	----
1296-1..	--	----	----	----	----	--	----	----			----	--	- -	----	----	----	----	----	----	---	---	----	----	----	----	--	-	
1321-014	----	----	----		- -	--	-- -	--	----	----	----	-	----		----	----		----	--	----	----	----	----	----	----	----	---	----
1321-014	- -	-	--	-	----		-	-- -	- -	-	---	---	---	--	- -	-	---	----	----	----		-	---	--	-	---	----	----
1321-013		----	----	----	----	----	----	---	---	--	--	--	----	- --	----		----	----	-- -	---	----	----	----	----	-	-	-	----
CC48	----	----	----	---	----	--	-	----	---	----	----	----	----	----	--	----	----	----	----	-	----		--	----	----	----	----	
CC85	1.59	6.47	.720	-.130	.030	.160	-.010	.340	.130	-.080	.030	3.56	.120	.010	-2.56	-.080	.610	-.110	-35.6	1.12	.030	19.3	-.050	.400	-1.03	1.21	-.160	-.640
IP107218	----	----	--		---	-- -	--	----	----	----	----	----	---	-- -	----	----		---	----	----	----	----	----	----	-	---	-	----
IP107201	----	----	----	----	----	-	---	----	----	----	----	---	----	-- -		----	----	----	----	----	----	----	-	----	----	-- -	---	----
IP107255	-	-- -	--	----	- -	-- -	----	----	---	---	----	- -	---		----	----	----	----	----	---		- -	- -	----	---	----	----	---
1077-014	----	----	----	----	----	-	-	----	----	----	----	----	----	----		----	-	----	----	----	----	----	----	----	-- -	--	-	----
1077-02	-	----	----	----	--	-	---	--	----	----	----	----	----	----		----	----	----	----	----	----	----		----	- -	--	-	----
1077-012	----		----	----	-	---	----	- -	-	----	----	----	----	----	- -	----	----	----	----	----	----	----		----	----	----	----	----
1077-014	----		----	----	----	----	----	----	----	---	---	--	- -	----	----	---	----	----	----	----	----	----	-	----	----	----	---	---
1077-015	----	----	----	----	----	----	----	----	----	----	-	---	--	----	----	----	----	----	----	--		----	----	---	---	--	----	----
1077-02	----	----	---	---	----	----	---	----	----	----	---	-	----	----	----	----	----	----	-	- -	- --	----	----	----	---	----	----	----
1077-03	----	----	---	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	---	- -	----	----	----	- -	---	----	----
CC79	----	----		----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	---	----	----	----	----	--	----	----	----
CC89	-1.79	11.5	-.920	-.050	-.010	.982	.010	21.2	-.050	-.040	-.030	4.89	-.430	-1.02	.620	-.030	1.33	-.150	-14.1	.740	.080	9.60	.000	1.30	-1.08	2.49	-.070	.480
1077-04	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	-	----	----	----	-- -	--	----	-	--	----	----
1077-05	----			----	----	--	---	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	- --	----

1277-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCV19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCE10	-3.35	9.79	.200	-.103	-.323	.478	-.032	12.3	.927	-.032	-.030	.250	-.182	-.313	-.590	-.748	1.07	-.243	-22.6	.939	-.020	-1.66	.020	1.09	-1.23	1.93	.192	.063
1277-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1277-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCV19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCB17	-3.55	9.15	1.22	-.170	-.035	.690	.310	-4.68	-.072	.050	.302	1.15	.162	-.770	-6.94	-.160	1.01	-.230	-11.6	1.12	.130	-5.95	.000	1.39	-1.01	1.65	-.209	-1.32
1410659	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1461-014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1461-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1461-0[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1461-014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1461-015	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1462-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1462-04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1464-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCV12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCB12	-3.25	10.5	.365	.011	.030	1.24	-.040	3.66	.350	.943	.045	-.200	.130	-1.11	1.25	.140	.943	-.130	-9.68	.020	-.073	23.5	-.390	1.26	-.889	.570	-.210	-.623
1410659	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1410659	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1410659	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-01A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-01T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-01[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-02[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-02T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-03T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCV13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCB13	-3.13	10.7	1.27	-.090	.110	1.29	-.010	14.5	-.170	.120	.050	1.76	.513	-1.37	-.170	.390	.900	-.060	-22.4	.110	.040	15.7	.020	1.43	1.16	.420	-.170	.220
1235-04T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-05T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-06T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-07T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-08T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-09T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-10T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-11T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-12T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-14T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCV14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CCB14	-2.95	9.29	-.521	.000	-.010	.910	-.010	-15.0	-.020	.060	.140	.650	.360	-1.03	1.05	-.190	.860	-.120	-20.7	-.070	.993	4.25	-.050	1.35	-.993	.680	-.120	-1.16
1235-15T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-16T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1235-17T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[235-181	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----		---		----	----	----	----	----	----	----	----
[235-187		----	---	----	----	----	----	--	----	---	-	---	--	----	----	----	----	----	----	----	----	----	---		--	----	----		-	---
[235-201	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	-	--		--	----	----	----	----	----	----	----
[235-211	----	-	----	-	- -	----	-	---	-	--	----		-	----	----		---		-	----	----	----	----	----	----	----	--	-	----	-
[235-215	----	----	----	----	-- -	----	----	-	----	- --		---		--	----	----	----	----	---	----	----	----	---	---		--	----	---	-	----
[235-219	1.07	8.96	-.330	-.243	-.633	1.52	.010	-11.7	-.145	-.243	.780	3.59	.237	-1.35	1.59	-.330	.830	-.200	24.5	.995	-.025	-1.86	-.110	1.77	.820	.840	.090	1.77
[235-255B	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	---	---	----	----	----	----	----	----	----	----	----	----	----
[235-255L	---	----	---	-	----	---	---	--	-	----	-	-	-- -	---	-	----	----	----	----	----	----	---	----		-	-	----	----	--
[235-257	----		-	----	-		----	--	----	--	----	----	- --	----	----	----	----	----	----	----	----	----	----	-	----	--	---	-	-
[187-012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---		--		--	----	----	-	----	--	----	--	
[187-01	-	- --	----	---	----	----	----	----	----	- -	----	---	---	----	----	----	----	- -	----	----	----	- -	- --	----	----	--	--	----
[187-017	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	-	----		----	----	----	----	----	----	----
[187-01M	----	----	----	---	----	----	---	----	----	----	----	----	----	----	----	--		- --	----	----	----	----	----	----	----	-	---	----
[187-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	- --	----	----
[187-02	----	--	-	----	- -	-	----	--	-	----	----	----	--	----	-	----	----	----	----	-- -	----		----	----	----	----	----	----
[187-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	----	----	----	---	----	----	----	-	---	----
[187-05	- --	- -	----	----	- -	----	----		----	- -	- --	----	- -	-	- -	----	----	----	-	--	----	--	----	----	- -	----	----	
[187-05	-3.92	11.7	.010	.579	-.319	.680	-.120	-3.64	-.090	.010	-.260	7.25	.310	-.670	-4.62	.050	.978	-.180	-24.6	.790	-.030	-5.02	-.020	1.39	.940	.610	-.120	-1.24
[187-05	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	--	----
[187-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----	----
[187-06	----		--	----	----	----	---	----	----	--	----	----	---	----	----	----	----	---		--	----	----	----	----	----	----	----	
[187-07	-	----	----	---	---	----	----	----	----	----	----	----	----	----	-	---	- -	----	----	----	----	----	----	----	----	----	----	
[187-08	----	----	----	---	----	----	----	----	----	----	---	----	----	--	----	----	----	----	-- -	--	----	---	--	----	----	---	-- -	----
[187-09	----	-	----	----	----	----	----	---	----	----	----	----	----	----	----	----	---	-	----	----	----	----	- --	----	--	----	----	----
[187-10	----	----	----	----	----	----	----	----	----	--	----	----	--	----	-	----	----	----	----	----	---	----	----	----	----	----	----	----
[235A3	----	1.75	-9.32	1.17	.000	.500	1.76	----	-.250	-1.24	.350	----	-3.16	3.44	----	5.99	-2.64	-1.51	-16.5	5.15	.955	53.3	.590	-1.08	.365	2.71	-.750	3.90
[235A31	----	----	----	----			----	-	-	----	-	---	----	----	----	----	----	----		- --	----	----	---	-	---	----	----	----
[235V27	----	----	----	---	----	----	----	----	----	-- -	----	----	- --	----	-	----	----	----	----	--	----	---	---	----	----	----	----	----
[235-1	-2.20	9.91	.363	-.852	.030	1.07	.010	-6.53	.135	-.030	.165	.630	.330	-1.31	2.21	-.050	1.06	-.190	-15.7	.230	.040	.677	-.040	1.91	-.960	.810	-.130	-1.15
[235-158	--	----	---	----	----	----	----	----	----	----	----	----	----	----	----	-	-	----	----	----	----	----	----		----	---	----	----
[235-215	----	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	--	--	-	----	----	----
[235-215	----	----	----	----	----	----	----	----	----	--	----	----	-	----		----	----	----	----	----	----	----	----	----	----	----	- -	---
[235-014		----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----		----	----	----	----	----	----
[235-01		---	- -	----	----	---	----	----	----	---	----	- --	---	----	----	- -	----	---	----	----	---		----	----	---	----	- --	----
[235-02	----	-	----	-	---	----	-- -	----	----	----	- -	----	----	---	-- -	- -	---	-	----	--	---	----	----	----	----	----	----	----
[235-019	----	----	--	- --	-	----	-		----	--		----	----	----	----	----	---	- -	----	----	----	----	--	----		---	----	----
[235-015		---	---	----	----	----	----	----	-	--	----		-	----	----	----	----	----		--	----	----	----	----	----	--	-	--
[235-03	----	-	----	--	---	----	----	----	----	----	----	----	----	----	----	-	-	----	-- -	----	----		----	----	----	----	----	----
[235-03	----	----	----	----	----		---	----	-	--	-	---	---		----	----	----	----	----	----	----	----	-	----		----	----	----
[235-05	-	-	----	- -	----	----	---	- -	-	----	-- -	- -	----	----	-- -			----	----	--	----		--	----	----	----		-
[235B12	-3.65	-1.7	-.125	.067	.041	1.24	.150	-.220	.051	-.170	.260	3.79	.230	1.36	2.10	-.060	1.38	-.120	-25.1	.340	-.040	5.64	.350	.997	.830	.330	-.210	.320
[235-04		----	----	----	----	----	----	----	----	----	----	----	----	----	-	---	---	----	---	- --	----	----	----	----	--	---	----	----
[235-05	----		-	- -	----	----	- -	----	----	----	----	----	----	----	----	-	-	----	----	----	----	----	- --	----	----	----	----	----
[235-05	----	---	-	----	--	---	-	----	----	----	----	----	----	----	----	- --	-	----	----	----	----	----	--	----	----	----	----	----
[235-07	----	----	----	----	---	----	----	----	--	-- -	----		-	----	----	----	----	----	----	----	----		---		----	----	----	----
[235-08	- -	----	----	- -	--	---	----	-	--	----	---	--	--	----	----	----	----	- --	----	-- -	- -	---	-	-	----	----	----	--
[235-09		----	----	----	--	--	----	-	-- -	--	----	----	----	----	----	----	----	----	----	----	----		--		----	----	----	----
[235-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----		-	----	---	--		----	----	----	----
[235-11	----		----		----	----	----	----	----	----	----	----	----	----		----	----	----	-	----	----	----	----	----	----	----	----	----
[235-12	----	----	----	----	----	-	---	----	----	--	-	----	----	----	----	----	----	----	----	--		----	----	----	----	-	-	- --
[235-19	--	- --	----	----	----	----	----	----		--	----	--	--		----	----	--	-	----	----	----	----	----	----	----	----	----	----
[235-19	-1146	-5392	3254	-3443	-701	3050	254	-777	2981	1456	-261	6714	-1523	27576	-19541	4115	305	741	75231	-8866	-1945	28528	2355	7181	-66.5	1057	6792	776
[235-15	----	----	----	----	----		---	----	----	--		----	----	- --	----	- --	-	----	----	----	----	----	-- -	----	----	----	----	----
[235-15	----	----	----	----	----	--	---		----	----	---	----	----	----	----	----	----	----	----	----		----	----	----	----	- --	----	----
[235-17	- --		----	----	----	----	---	----	----	--	--	----	----	----	----	- -	-	----	----	---	----	----	- --	----	----	----	----	----
[235-18	----	----	----		----	----	----	----	----	----	----	----	----	----		---	----	----	-	--	----		----	----	----	----	----	
[235-19	----	----	----	----	----	-	---	- --	----	----	--	----	----	---	----	-	----	----	----	----	----	----	- --	----	----	-	-	----

1235-20	----	--	----	----	----	---	--	---	--	-	--	----	--	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--
1235-21	----	----	----	---	----	- -	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	---	----	--	----	----	----	----	----	----
LCV2C	----	----	----	---	----	- -	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	- -	----	- --	----	----	----	----	----	----
CC32C	-4.61	10.5	.360	- .370	.023	.000	-.025	-2.25	- .110	-.049	.001	.301	.279	.928	-.570	- .090	1.94	-.080	-31.8	.050	.040	5.91	- .040	1.30	.990	.399	- .140	.920
1235-24W	----	----	-	--	---	- -	- --	----	-- -	- --	----	----	----	----	- --	--	----	--	----	----	----	----	----	----	----	----		--
1235-25W	----	----	----	---	----	----	----	----	----	- --	----	---	-- -	----	----	----	----	-	----	---		----	----	---	----	----	----	----
1235-26W	----	----	----	----	----	----	----	----	---	----	- --	- --	----		----	- -	----	----	----	----	----	---	-- -	----	----		---	---
1235-27W	- --	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----		----	-	----	----	----	----	----	----	----
1235-28W	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	---	- -	----	----	----	----	----	----	----
1235-29W	----	---	----	-	----	---	--	----	--	--	--	----	----	----		----	---	---	----	----	----	---	---	- -	----	---	----	-- -
1235-30W	-	----	----	----	-	- --	----	-	----	-- -	- --	----	- -	-- -	- --	----	----	----	---	--	----	----	----	----	-- -	----	---	----
1235-31W	- --	----	-	---	-	----	---	---	----	----	----	----	-- -	----	----	---	-	---	- --	----	----	----	----	----	----	----	----	---
1235-32W	----	----	----	----	----	----	----	----	--	----	- --	-	----		----	- --	----	----	----	----	----		---	----	----	---	----	-- -
CCV21	-	----	----	-	-	----			----		----	----	- --	----	----	----	----	----	----	----	----	----	----	----	--	-		--
CC321	-2.97	9.22	.710	- .360	-.010	.410	.040	-2.47	.109	.000	-.061	- .673	.111	-1.32	3.58	- .160	.930	-.110	-45.1	-.070	-.030	-7.94	- .350	1.05	-1.05	.750	- .150	.460
1235-15W	--	-	----	-- -	----	---	--	---	---	--	--	----		- --		-	----	----	----	----	----	--	--	----	----	-	----	-- -
1235-16W	--	----	- --	----	---	---	----	- --	---	----	- -	-- -	----	-		----	----	---	---	----	----	----	----	----	----	- -	----	----
1235-17W	----	----	----	-	----	----	-	----	--	--	----	- -	- -	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----
1235-18W	----	----	----	----		--	----	-	----	----	--	----	----	----		----	----	----	----	----	----	----	---	--	--	-	----	----
1235-19W	----	--	----	-	----	- --	--	----	--	--	----	- -	- -	----	----	----	----	----	----		----	----	---	----	----	----	----	---
1235-20W	----	----	---	---	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	-	----	----	----	----	-	---		----	----
1235-21W	----	----	---	----	---	----	---	----	--	-	----	--	-	----	----	----	----	----	----	----	----	----	----	----	----	----	--	-
CCV22	----	----	---	--	----	----	--	-	----		-- -	----	-	----		-	-- -	- --	----	----	----	----	----	----	----	- -	---	----
CC322	-4.20	9.28	.350	-.370	-.020	.010	.000	-13.3	.050	.010	-.280	.510	-.220	-1.56	.610	- .060	.930	- .130	-13.3	.030	.060	-11.1	- .040	.790	-.970	.560	- .110	.660

QC limit of each parameter are listed in a table attached next to all the IC2 check forms
* : Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilo Factor	CorrFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		D8I024001			1	☒	unk	—
2	0	0	0	0	Unk	S20		D8I024002			1	☒	unk	—
3	0	0	0	0	Unk	S21		D8I024003			1	☒	unk	—
4	0	0	0	0	Unk	S22		D8I024004			1	☒	unk	—
5	0	0	0	0	Unk	S23		D8I024005			1	☒	unk	—
6	0	0	0	0	Unk	S24		D8I024006			1	☒	unk	—
7	0	0	0	0	Unk	S25		D8I024007			1	☒	unk	—
8	0	0	0	0	Unk	S26		D8I024008			1	☒	unk	—
9	0	0	0	0	Unk	S27		D8I024009			1	☒	unk	—
10	0	0	0	0	Unk	S28		D8I024010			1	☒	unk	—
11	0	0	0	0	Unk	S29		D8I024011			1	☒	unk	—
12	0	0	0	0	Unk	S30		D8I024012			1	☒	unk	—
13	0	0	0	0	Unk	S31		D8I024013			1	☒	unk	—
14	1	2	1	1	QC	ICV		D8I024014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		D8I024015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRL2401		D8I024016			1	☒	EMAX	None
17	4	2	4	1	QC	MRL2402		D8I024017			1	☒	APCEE	None
18	5	2	5	1	QC	ICSA1		D8I024018			1	☒	ICSA-DoD	None
19	6	2	6	1	QC	ICSAB1		D8I024019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		D8I024020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		D8I024021			1	☒	3XIDL	None
22	17	2	5	2	QC	IPI076WB		D8I024022			1	☒	CCB	None
23	18	2	6	2	QC	IPI076WL		D8I024023			1	☒	LCS	None
24	19	2	7	2	QC	IPI076WC		D8I024024			1	☒	LCS	None
25	20	2	8	2	Unk	I320-01A		D8I024025			1	☒	unk	—
26	21	2	9	2	Unk	I320-01		D8I024026			1	☒	unk	—
27	22	2	10	2	Unk	I320-01J		D8I024027			1	☒	unk	—
28	23	2	11	2	Unk	I320-02		D8I024028			1	☒	unk	—
29	24	2	12	2	Unk	I320-03		D8I024029			1	☒	unk	—
30	25	2	1	3	Unk	I320-04		D8I024030			1	☒	unk	—
31	26	2	2	3	QC	CCV2		D8I024031			1	☒	CCV	None
32	27	2	3	3	QC	CCB2		D8I024032			1	☒	3XIDL	None
33	9	2	9	1	QC	IPI070SQ		D8I024033			1	☒	CCB	None
34	10	2	10	1	QC	IPI070SX		D8I024034			1	☒	LCS	None
35	11	2	11	1	QC	IPI070SY		D8I024035			1	☒	LCS	None
36	12	2	12	1	Unk	I296-01A		D8I024036			1	☒	unk	—
37	13	2	1	2	Unk	I296-01W		D8I024037			1	☒	unk	—
38	14	2	2	2	Unk	I296-01J		D8I024038			1	☒	unk	—
39	1	2	1	1	Unk	I320-01A		D8I024039			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
40	2	2	2	1	Unk	I320-01M		ID8I024040			1	☒	unk	---
41	3	2	3	1	Unk	I320-01S		ID8I024041			1	☒	unk	---
42	15	2	3	2	QC	CCV3		ID8I024042			1	☒	CCV	None
43	16	2	4	2	QC	CCB3		ID8I024043			1	☒	3XIDL	None
44	28	2	4	3	QC	IP073WB		ID8I024044			1	☒	CCB	None
45	29	2	5	3	QC	IP 073WL		ID8I024045			1	☒	LCS	None
46	30	2	6	3	QC	IP 073WC		ID8I024046			1	☒	LCS	None
47	31	2	7	3	Unk	I075-02A		ID8I024047			1	☒	unk	---
48	32	2	8	3	Unk	I075-02		ID8I024048			1	☒	unk	---
49	33	2	9	3	Unk	I075-02J		ID8I024049			1	☒	unk	---
50	34	2	10	3	Unk	I075-02N		ID8I024050			1	☒	unk	---
51	35	2	11	3	Unk	I075-02S		ID8I024051			1	☒	unk	---
52	36	2	12	3	Unk	I075-01		ID8I024052			1	☒	unk	---
53	37	2	1	4	Unk	I077-24		ID8I024053			1	☒	unk	---
54	38	2	2	4	QC	CCV4		ID8I024054			1	☒	CCV	None
55	39	2	3	4	QC	CCB4		ID8I024055			1	☒	3XIDL	None
56	40	2	4	4	Unk	I097-02		ID8I024056			1	☒	unk	---
57	41	2	5	4	Unk	I097-03		ID8I024057			1	☒	unk	---
58	42	2	6	4	Unk	I097-06		ID8I024058			1	☒	unk	---
59	43	2	7	4	Unk	I097-08		ID8I024059			1	☒	unk	---
60	44	2	8	4	Unk	I097-10		ID8I024060			1	☒	unk	---
61	45	2	9	4	Unk	I097-13		ID8I024061			1	☒	unk	---
62	46	2	10	4	Unk	I097-15		ID8I024062			1	☒	unk	---
63	47	2	11	4	Unk	I097-17		ID8I024063			1	☒	unk	---
64	48	2	12	4	Unk	I091-01		ID8I024064			1	☒	unk	---
65	49	2	1	5	Unk	I091-02		ID8I024065			1	☒	unk	---
66	50	2	2	5	QC	CCV5		ID8I024066			1	☒	CCV	None
67	51	2	3	5	QC	CCB5		ID8I024067			1	☒	3XIDL	None
68	52	2	4	5	Unk	I112-10		ID8I024068			1	☒	unk	---
69	53	2	5	5	Unk	I112-11		ID8I024069			1	☒	unk	---
70	54	2	6	5	Unk	I088-08		ID8I024070			1	☒	unk	---
71	55	2	7	5	Unk	I088-09		ID8I024071			1	☒	unk	---
72	56	2	8	5	Unk	I086-02		ID8I024072			1	☒	unk	---
73	57	2	9	5	Unk	I129-02		ID8I024073			1	☒	unk	---
74	58	2	10	5	Unk	I129-04		ID8I024074			1	☒	unk	---
75	61	3	1	1	QC	CCV6		ID8I024075			1	☒	CCV	None
76	62	3	2	1	QC	CCB6		ID8I024076			1	☒	3XIDL	None
77	4	2	4	1	QC	IPI077WB		ID8I024077			1	☒	CCB	None
78	5	2	5	1	QC	IPI077WL		ID8I024078			1	☒	LCS	None

7025

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
79	6	2	6	1	QC	IP077WC		ID8I024079			1	☒	LCS	None
80	7	2	7	1	Unk	I120-01A		ID8I024080			1	☒	Unk	---
81	8	2	8	1	Unk	I120-01		ID8I024081			1	☒	Unk	---
82	9	2	9	1	Unk	I120-01J		ID8I024082			1	☒	Unk	---
83	59	2	11	5	QC	ICSA2		ID8I024083			1	☒	ICSA	None
84	60	2	12	5	QC	ICSAB2		ID8I024084			1	☒	ICSAB1	None
85	10	2	10	1	QC	CCV7		ID8I024085			1	☒	CCV	None
86	11	2	11	1	QC	CCB7		ID8I024086			1	☒	3XIDL	None
87	27	2	3	3	QC	IPI07CSQ		ID8I024087			1	☒	CCB	None
88	28	2	4	3	QC	IPI07CSX		ID8I024088			1	☒	LCS	None
89	29	2	5	3	QC	IPI07CSY		ID8I024089			1	☒	LCS	None
90	30	2	6	3	Unk	I296-01A		ID8I024090			1	☒	Unk	---
91	31	2	7	3	Unk	I296-01W		ID8I024091			1	☒	Unk	---
92	32	2	8	3	Unk	I296-01J		ID8I024092			1	☒	Unk	---
93	33	2	9	3	Unk	I221-04A		ID8I024093			1	☒	Unk	---
94	34	2	10	3	Unk	I221-04W		ID8I024094			1	☒	Unk	---
95	35	2	11	3	Unk	I221-04J		ID8I024095			1	☒	Unk	---
96	36	2	12	3	QC	CCV8		ID8I024096			1	☒	CCV	None
97	37	2	1	4	QC	CCB8		ID8I024097			1	☒	3XIDL	None
98	63	3	3	1	QC	PIC72SB		ID8I024098			1	☒	CCB	None
99	64	3	4	1	QC	PIC72SL		ID8I024099			1	☒	LCS	None
100	65	3	5	1	QC	PIC72SC		ID8I024100			1	☒	LCS	None
101	66	3	6	1	Unk	I077-01A		ID8I024101			1	☒	Unk	---
102	67	3	7	1	Unk	I077-01		ID8I024102			1	☒	Unk	---
103	68	3	8	1	Unk	I077-01J		ID8I024103			1	☒	Unk	---
104	69	3	9	1	Unk	I077-01M		ID8I024104			1	☒	Unk	---
105	70	3	10	1	Unk	I077-01S		ID8I024105			1	☒	Unk	---
106	71	3	11	1	Unk	I077-02		ID8I024106			1	☒	Unk	---
107	72	3	12	1	Unk	I077-03		ID8I024107			1	☒	Unk	---
108	73	3	1	2	QC	CCV9		ID8I024108			1	☒	CCV	None
109	74	3	2	2	QC	CCB9		ID8I024109			1	☒	3XIDL	None
110	75	3	3	2	Unk	I077-04		ID8I024110			1	☒	Unk	---
111	76	3	4	2	Unk	I077-05		ID8I024111			1	☒	Unk	---
112	77	3	5	2	Unk	I077-06		ID8I024112			1	☒	Unk	---
113	78	3	6	2	Unk	I077-07		ID8I024113			1	☒	Unk	---
114	79	3	7	2	Unk	I077-08		ID8I024114			1	☒	Unk	---
115	80	3	8	2	Unk	I077-09		ID8I024115			1	☒	Unk	---
116	81	3	9	2	Unk	I077-10		ID8I024116			1	☒	Unk	---
117	82	3	10	2	Unk	I077-11		ID8I024117			1	☒	Unk	---

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
118	83	3	1	2	Unk	I077-12		ID8I024118			1	☒	unk	—
119	84	3	12	2	Unk	I077-13		ID8I024119			1	☒	unk	—
120	85	3	1	3	QC	CCV10		ID8I024120			1	☒	CCV	None
121	86	3	2	3	QC	CCB10		ID8I024121			1	☒	3XIDL	None
122	87	3	3	3	Unk	I077-14		ID8I024122			1	☒	unk	—
123	88	3	4	3	Unk	I077-15		ID8I024123			1	☒	unk	—
124	89	3	5	3	Unk	I077-16		ID8I024124			1	☒	unk	—
125	90	3	6	3	Unk	I077-17		ID8I024125			1	☒	unk	—
126	91	3	7	3	Unk	I077-18		ID8I024126			1	☒	unk	—
127	92	3	8	3	Unk	I077-19		ID8I024127			1	☒	unk	—
128	93	3	9	3	Unk	I077-20		ID8I024128			1	☒	unk	—
129	94	3	10	3	QC	CCV11		ID8I024129			1	☒	CCV	None
130	95	3	11	3	QC	CCB11		ID8I024130			1	☒	3XIDL	None
131	96	3	12	3	Unk	TXI006SB	TCLP	ID8I024131			1	☒	unk	—
132	97	3	1	4	Unk	I461-01A	TCLP	ID8I024132			1	☒	unk	—
133	98	3	2	4	Unk	I461-01	TCLP	ID8I024133			1	☒	unk	—
134	99	3	3	4	Unk	I461-01J	TCLP	ID8I024134			1	☒	unk	—
135	100	3	4	4	Unk	I461-01M	TCLP	ID8I024135			1	☒	unk	—
136	101	3	5	4	Unk	I461-01S	TCLP	ID8I024136			1	☒	unk	—
137	102	3	6	4	Unk	I462-03	TCLP	ID8I024137			1	☒	unk	—
138	103	3	7	4	Unk	I462-04	TCLP	ID8I024138			1	☒	unk	—
139	104	3	8	4	Unk	I484-01	TCLP	ID8I024139			1	☒	unk	—
140	105	3	9	4	QC	CCV12		ID8I024140			1	☒	CCV	None
141	106	3	10	4	QC	CCB12		ID8I024141			1	☒	3XIDL	None
142	107	3	11	4	QC	IPI066SB		ID8I024142			1	☒	CCB	None
143	108	3	12	4	QC	IPI066SL		ID8I024143			1	☒	LCS	None
144	109	3	1	5	QC	IPI066SC		ID8I024144			1	☒	LCS	None
145	110	3	2	5	Unk	I235-01A	10X	ID8I024145			1	☒	unk	—
146	111	3	3	5	Unk	I235-01T	10X	ID8I024146			1	☒	unk	—
147	112	3	4	5	Unk	I235-01J	50X	ID8I024147			1	☒	unk	—
148	113	3	5	5	Unk	I235-01M	10X	ID8I024148			1	☒	unk	—
149	114	3	6	5	Unk	I235-01S	10X	ID8I024149			1	☒	unk	—
150	115	3	7	5	Unk	I235-02T	10X	ID8I024150			1	☒	unk	—
151	116	3	8	5	Unk	I235-03T	10X	ID8I024151			1	☒	unk	—
152	117	3	9	5	QC	CCV13		ID8I024152			1	☒	CCV	None
153	118	3	10	5	QC	CCB13		ID8I024153			1	☒	3XIDL	None
154	119	3	11	5	Unk	I235-04T	10X	ID8I024154			1	☒	unk	—
155	120	3	12	5	Unk	I235-05T	10X	ID8I024155			1	☒	unk	—
156	121	4	1	1	Unk	I235-06T	10X	ID8I024156			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Date File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
157	122	4	2	1	Unk	I235-07T	10X	ID8I024157			1	☒	unk	---
158	123	4	3	1	Unk	I235-08T	10X	ID8I024158			1	☒	unk	---
159	124	4	4	1	Unk	I235-09T	10X	ID8I024159			1	☒	unk	---
160	125	4	5	1	Unk	I235-10T	10X	ID8I024160			1	☒	unk	---
161	126	4	6	1	Unk	I235-11T	10X	ID8I024161			1	☒	unk	---
162	127	4	7	1	Unk	I235-12T	10X	ID8I024162			1	☒	unk	---
163	128	4	8	1	Unk	I235-14T	10X	ID8I024163			1	☒	unk	---
164	129	4	9	1	QC	CCV14		ID8I024164			1	☒	CCV	None
165	130	4	10	1	QC	CCB14		ID8I024165			1	☒	3XIDL	None
166	131	4	11	1	Unk	I235-15T	10X	ID8I024166			1	☒	unk	---
167	132	4	12	1	Unk	I235-16T	10X	ID8I024167			1	☒	unk	---
168	133	4	1	2	Unk	I235-17T	10X	ID8I024168			1	☒	unk	---
169	134	4	2	2	Unk	I235-18T	10X	ID8I024169			1	☒	unk	---
170	135	4	3	2	Unk	I235-19T	10X	ID8I024170			1	☒	unk	---
171	136	4	4	2	Unk	I235-20T	10X	ID8I024171			1	☒	unk	---
172	137	4	5	2	Unk	I235-21T	10X	ID8I024172			1	☒	unk	---
173	138	4	6	2	QC	CCV15		ID8I024173			1	☒	CCV	None
174	139	4	7	2	QC	CCB15		ID8I024174			1	☒	3XIDL	None
175	140	4	8	2	QC	IPI075SB		ID8I024175			1	☒	CCB	None
176	141	4	9	2	QC	IPI075SL		ID8I024176			1	☒	LCS	None
177	142	4	10	2	QC	IPI075SC		ID8I024177			1	☒	LCS	None
178	143	4	11	2	Unk	I187-01A	dried & sieved	ID8I024178			1	☒	unk	---
179	144	4	12	2	Unk	I187-01	dried & sieved	ID8I024179			1	☒	unk	---
180	145	4	1	3	Unk	I187-01J	dried & sieved	ID8I024180			1	☒	unk	---
181	146	4	2	3	Unk	I187-01M	dried & sieved	ID8I024181			1	☒	unk	---
182	147	4	3	3	Unk	I187-01S	dried & sieved	ID8I024182			1	☒	unk	---
183	148	4	4	3	Unk	I187-02	dried & sieved	ID8I024183			1	☒	unk	---
184	149	4	5	3	Unk	I187-03	dried & sieved	ID8I024184			1	☒	unk	---
185	150	4	6	3	QC	CCV16		ID8I024185			1	☒	CCV	None
186	151	4	7	3	QC	CCB16		ID8I024186			1	☒	3XIDL	None
187	152	4	8	3	Unk	I187-04	dried & sieved	ID8I024187			1	☒	unk	---
188	153	4	9	3	Unk	I187-05	dried & sieved	ID8I024188			1	☒	unk	---
189	154	4	10	3	Unk	I187-06	dried & sieved	ID8I024189			1	☒	unk	---
190	155	4	11	3	Unk	I187-07	dried & sieved	ID8I024190			1	☒	unk	---
191	156	4	12	3	Unk	I187-08	dried & sieved	ID8I024191			1	☒	unk	---
192	157	4	1	4	Unk	I187-09	dried & sieved	ID8I024192			1	☒	unk	---
193	158	4	2	4	Unk	I187-10	dried & sieved	ID8I024193			1	☒	unk	---
194	159	4	3	4	QC	ICSA3		ID8I024194			1	☒	ICSA	None
195	160	4	4	4	QC	ICSAB3		ID8I024195			1	☒	ICSAB1	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
196	161	4	5	4	QC	CCV17		ID8I024196			1	☒	CCV	None
197	162	4	6	4	QC	CCB17		ID8I024197			1	☒	3XIDL	None
198	163	4	7	4	QC	IP1071SB		ID8I024198			1	☒	CCB	None
199	164	4	8	4	QC	IP-071SL		ID8I024199			1	☒	LCS	None
200	165	4	9	4	QC	IP1071SC		ID8I024200			1	☒	LCS	None
201	166	4	10	4	Unk	I235-01A	dried & sieved	ID8I024201			1	☒	unk	—
202	167	4	11	4	Unk	I235-01	dried & sieved	ID8I024202			1	☒	unk	—
203	168	4	12	4	Unk	I235-01J	dried & sieved	ID8I024203			1	☒	unk	—
204	169	4	1	5	Unk	I235-01M	dried & sieved	ID8I024204			1	☒	unk	—
205	170	4	2	5	Unk	I235-01S	dried & sieved	ID8I024205			1	☒	unk	—
206	171	4	3	5	Unk	I235-02	dried & sieved	ID8I024206			1	☒	unk	—
207	172	4	4	5	Unk	I235-03	dried & sieved	ID8I024207			1	☒	unk	—
208	173	4	5	5	QC	CCV18		ID8I024208			1	☒	CCV	None
209	174	4	6	5	QC	CCB18		ID8I024209			1	☒	3XIDL	None
210	175	4	7	5	Unk	I235-04	dried & sieved	ID8I024210			1	☒	unk	—
211	176	4	8	5	Unk	I235-05	dried & sieved	ID8I024211			1	☒	unk	—
212	177	4	9	5	Unk	I235-06	dried & sieved	ID8I024212			1	☒	unk	—
213	178	4	10	5	Unk	I235-07	dried & sieved	ID8I024213			1	☒	unk	—
214	179	4	11	5	Unk	I235-08	dried & sieved	ID8I024214			1	☒	unk	—
215	180	4	12	5	Unk	I235-09	dried & sieved	ID8I024215			1	☒	unk	—
216	12	2	2	1	Unk	I235-10	dried & sieved	ID8I024216			1	☒	unk	—
217	13	2	1	2	Unk	I235-11	dried & sieved	ID8I024217			1	☒	unk	—
218	14	2	2	2	Unk	I235-12	dried & sieved	ID8I024218			1	☒	unk	—
219	16	2	4	2	QC	CCV19 I235-14 deleted position 15		ID8I024219			1	☒	CCV	None
220	17	2	5	2	QC	CCB19 CCV19/CCB19 on position 15/16		ID8I024220			1	☒	3XIDL	None
221	18	2	6	2	Unk	I235-15 moved of	dried & sieved	ID8I024221			1	☒	unk	—
222	19	2	7	2	Unk	I235-16 16/17	dried & sieved	ID8I024222			1	☒	unk	—
223	20	2	8	2	Unk	I235-17 replaced	dried & sieved	ID8I024223			1	☒	unk	—
224	21	2	9	2	Unk	I235-18	dried & sieved	ID8I024224			1	☒	unk	—
225	22	2	10	2	Unk	I235-19	dried & sieved	ID8I024225			1	☒	unk	—
226	23	2	11	2	Unk	I235-20	dried & sieved	ID8I024226			1	☒	unk	—
227	24	2	12	2	Unk	I235-21	dried & sieved	ID8I024227			1	☒	unk	—
228	25	2	1	3	QC	CCV20		ID8I024228			1	☒	CCV	None
229	26	2	2	3	QC	CCB20		ID8I024229			1	☒	3XIDL	None
230	61	3	1	1	Unk	I235-04W	dried & sieved	ID8I024230			1	☒	unk	—
231	62	3	2	1	Unk	I235-05W	dried & sieved	ID8I024231			1	☒	unk	—
232	63	3	3	1	Unk	I235-06W	dried & sieved	ID8I024232			1	☒	unk	—
233	64	3	4	1	Unk	I235-07W	dried & sieved	ID8I024233			1	☒	unk	—
234	65	3	5	1	Unk	I235-08W	dried & sieved	ID8I024234			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilt Factor	CorrFact	Check	Check Table	Fail Action
235	56	3	6	1	Unk	I235-09W	dried & sieved	ID8I024235			1	☒	unk	—
236	57	3	7	1	Unk	I235-10W	dried & sieved	ID8I024236			1	☒	unk	—
237	58	3	8	1	Unk	I235-11W	dried & sieved	ID8I024237			1	☒	unk	—
238	59	3	9	1	Unk	I235-12W	dried & sieved	ID8I024238			1	☒	unk	—
239	70	3	10	1	QC	CCV21		ID8I024239			1	☒	CCV	None
240	71	3	11	1	QC	CCB21		ID8I024240			1	☒	3XIDL	None
241	72	3	12	1	Unk	I235-15W	dried & sieved	ID8I024241			1	☒	unk	—
242	73	3	1	2	Unk	I235-16W	dried & sieved	ID8I024242			1	☒	unk	—
243	74	3	2	2	Unk	I235-17W	dried & sieved	ID8I024243			1	☒	unk	—
244	75	3	3	2	Unk	I235-18W	dried & sieved	ID8I024244			1	☒	unk	—
245	76	3	4	2	Unk	I235-19W	dried & sieved	ID8I024245			1	☒	unk	—
246	77	3	5	2	Unk	I235-20W	dried & sieved	ID8I024246			1	☒	unk	—
247	78	3	6	2	Unk	I235-21W	dried & sieved	ID8I024247			1	☒	unk	—
248	79	3	7	2	QC	CCV22		ID8I024248			1	☒	CCV	None
249	80	3	8	2	QC	CCB22		ID8I024249			1	☒	3XIDL	None

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu
1	Blank	-.00006	.00001	.00030	.00023	.00007	.00018	-.00075	.00044	-.00006	-.00089	Blank
2	S20					.89171		2.8639				S20
3	S21					8.4903		27.512				S21
4	S22				.48963						.16506	S22
5	S23				4.5182						1.7148	S23
6	S24						.05890					S24
7	S25						.30579					S25
8	S26	.12933							.97516	.12037		S26
9	S27	7.2140							8.8994	1.2511		S27
10	S28		.00515									S28
11	S29		.05057									S29
12	S30			.00112								S30
13	S31			.00409								S31
14	ICV	104.16	1.5126	1.0134	1.9057	1.5974	2.4247	1.9975	74.289	2.3395	.92411	ICV
15	ICB	.00034	.01378*	.00037	-.00037	.00001	.00113	-.00001	-.01299	.00012	-.00033	ICB
16	MRL2401	.20681	.10739	.01066	.01063	.01044	.01014	.01035	1.0325	.01043	.00566	MRL2401
17	MRL2402	.21307	.05342	.01085	.00639	.00410	.00937	.00510	.56436	.01004	.00984	MRL2402
18	ICSA1	335.16	.00477	-.00111	.00005	-.00002	-.01614*	.00080	456.81	-.00077	-.00116	ICSA1
19	ICSAB1	390.86	1.0002	1.0344	.51264	.43659	.47179	.59649	459.09	.45154	.45682	ICSAB1
20	CCV1	103.44	1.5546	1.0424	2.0406	1.5825	2.4932	2.0499	76.872	2.5974	.95852	CCV1
21	CCB1	.00066	.00010*	-.00030	-.00001	.00002	.00120	.00001	.01142	-.00001	.00001	CCB1
22	IPI076W8	.00381	-.00064	.00014	.00041	.00012	.00033	.00012	.01417	-.00010	.00009	IPI076W8
23	IPI076WL	5.1750	2.4251	.50020	.47645	.49219	.48701	.49777	49.920	.47189	.46214	IPI076WL
24	IPI076WC	5.0357	1.4111	.49245	.45093	.45032	.48293	.48562	45.706	.46852	.44961	IPI076WC
25	ZZZZZZ	4.2500	1.8972	1.4531	.42622	.38529	.65569	.39019	56.287	.35765	.35393	ZZZZZZ
26	1320-01	.17662	.01143	9.5117	.27251	.03929	.39873	.20215	28.528	.00057	.02532	1320-01
27	1320-01J	.02790	.00850	1.8444	.01503	.00001	.07675	.00001	6.8216	-.00007	.00004	1320-01J
28	1320-02	.07599	.00674	10.785	.08543	.03009	.14639	.00006	30.135	.00037	-.00016	1320-02
29	1320-03	.04808	.00316	.01521	.01611	.00007	.23967	.00003	24.017	.00032	.00278	1320-03
30	1320-04	.07903	.03264	.04354	.01074	.00001	.24543	.00007	35.279	.00021	.03192	1320-04
31	CCV2	102.98	1.5545	1.0024	2.0051	1.5303	2.4831	2.0456	76.836	2.5041	.95387	CCV2
32	CCB2	.00123	.00969*	.00085	-.00030	-.00001	.00097	-.00001	.00678	-.00003	-.00011	CCB2
33	IPI079SC	.00262	.00145	.00076	.00044	.00002	.00104	.00011	.01430	.00006	.00217	IPI079SC
34	IPI079SX	5.1860	2.4156	.51490	.50918	.51270	.44967	.53271	49.705	.50136	.49713	IPI079SX
35	IPI079SY	4.9721	2.4070	.49071	.46725	.45676	.44351	.51328	49.533	.48175	.49121	IPI079SY
36	1296-01A	19.677	2.9040	.55054	.85831	.57395	.46434	.54774	59.871	.56215	.52471	1296-01A
37	1296-01W	14.221	.01470	.07946	.38576	.00163	.00400	.00132	9.7918	.05213	.01299	1296-01W
38	1296-01J	3.0040	.00552	.03665	.07278	.00329	.00085	.00026	2.0097	.01065	.00230	1296-01J
39	1320-01A	5.2828	2.7033	10.699	.59365	.53966	.54892	.54075	61.476	.51371	.55582	1320-01A
40	1320-01W	5.4257	2.5820	10.407	.55275	.49996	.51233	.49831	57.549	.49212	.45888	1320-01W
41	1320-01S	5.5755	2.6202	10.636	.56651	.49363	.52421	.50534	59.390	.47834	.46459	1320-01S
42	CCV3	104.19	1.5559	1.0315	2.0040	1.5344	2.4849	2.0497	77.417	2.5166	.95540	CCV3
43	CCB3	.00188	.00172*	.00149	-.00008	.00060	.00078	.00031	.00725	-.00002	.00013	CCB3
44	IPI073W9	.00340	.00215	.00018	.00017	.00000	-.00001	.00009	-.00376	.00006	.00006	IPI073W9
45	IPI073WL	5.4891	2.5832	.52863	.49433	.51365	.50154	.52911	51.136	.49568	.48316	IPI073WL
46	IPI073WC	5.4879	2.6205	.52879	.49990	.52399	.51917	.52649	54.326	.49317	.48641	IPI073WC
47	1075-02A	5.8001	1.4595	.55853	.57582	.52807	.50548	.53652	173.22	.50732	.48556	1075-02A
48	1075-02	.00083	.00727	.00203	.00314	.00016	.00454	.00038	132.12	.00355	-.00013	1075-02
49	1075-02J	.00439	.01760	.00853	.01199	.00003	.01477	.00100	25.643	.00053	.00001	1075-02J
50	1075-02W	5.7761	2.7046	.55564	.57102	.51585	.50993	.53882	193.58	.50336	.49563	1075-02W
51	1075-02S	5.5670	2.6595	.54383	.55800	.50754	.59633	.52109	179.97	.45085	.48310	1075-02S
52	1075-11	.00869	.01843	.00109	.19398	.00020	.12778	.00004	168.86	.00366	-.00030	1075-11
53	1077-24	.00816	.00620	.00087	.00009	-.00007	.00035	.00005	.05811	.00019	.00012	1077-24
54	CCV4	104.62	1.5629	1.0459	2.0123	1.5611	2.4918	2.0415	77.605	2.5196	.95368	CCV4

55	1024	30423	.01517*	30061	-.00904	.00300	30386	.00031	.00427	.00002	-.00002	0084
56	1097-02	25679	30234	.03667	.00700	.00011	.27977	30014	29.367	.00.14	30336	1097-02
57	1097-03	38553	.00174	00019	.00487	.02309	52107	.00009	49.394	.00055	.00015	1097-03
58	1097-06	34766	.00088	01139	.05028	.00008	54018	00056	171.67	.00092	00149	1097-06
59	1097-08	01601	00130	00595	30215	-.00604	47669	95005	64.462	.01103	.00010	1097-08
60	1097-10	17783	.00015	30094	.02378	.00003	40181	00120	117.29	.00233	.02921	1097-10
61	1097-13	.01283	.00462	.29814	.03390	.00011	.28403	90017	9.4410	.07731	00007	1097-13
62	1097-15	.00510	-.30003	.08620	.03638	.00017	34653	.00025	100.77	.00052	.00011	1097-15
63	1097-17	1.6533	.00075	.00278	.04285	.02128	55601	.00045	58.993	00195	.01251	1097-17
64	1091-01	30712	-.00032	08206	.10751	.00060	.37385	-.00021	162.64	.00059	-.00019	1091-01
65	1091-02	.22252	.00677	30457	.73876	.00165	21476	.00902	351.64	00271	00115	1091-02
66	0045	104.10	1.6556	1.0512	2.0221	1.5838	2.5075	2.0436	77.977	2.5358	.95127	0045
67	0085	.00056	.01097*	30177	.00306	.00001	00290	.00003	.01749	-.00002	-.00004	0085
68	1112-10	30721	.00167	.00145	00612	00007	14913	.00022	15.105	.00046	-.00017	1112-10
69	1112-11	.00150	.00922	.00394	.01965	.00004	14328	00016	22.324	.00066	-.00012	1112-11
70	1088-08	01525	-.30016	30194	01032	00012	.15513	.00038	39.555	.00052	-.30023	1088-08
71	1088-09	.00932	.00037	-.00022	.02012	.00004	15530	.00021	29.644	.00069	.00016	1088-09
72	1086-02	01340	-.00048	30247	00024	-.00005	00294	00006	22629	-.00015	.00005	1086-02
73	1129-02	.03385	.00055	.00311	.05737	.00006	54207	.00044	64.203	.00111	.00277	1129-02
74	1129-04	.08663	.00030	.03101	.03566	.00004	.49340	.00028	37.080	.00166	.00433	1129-04
75	0096	101.82	1.5657	1.0530	2.0489	1.5964	2.6259	2.0422	37.840	2.6570	.95181	0096
76	0085	.00306	.00982*	05075	.00095	-.00001	00123	.00002	05228	.00019	.00265	0085
77	IP1077W8	.00094	-.00079	.00281	.00062	.00011	00039	.00008	.03659	-.00003	.00001	IP1077W8
78	IP1077W.	5.4611	2.5598	54126	50704	.51168	51834	52169	52.635	50373	.48916	IP1077W
79	IP1077W	5.5288	2.6016	54120	.53783	51715	.52541	52041	51.624	53087	47820	IP1077W
80	1120-01A	5.7283	1.6056	58122	.61977	.52545	.67519	.53637	167.34	55077	45418	1120-01A
81	1120-01	.00144	.00553	.00275	.10395	.00007	.15185	.00019	119.52	.00367	.00010	1120-01
82	1120-01J	.00417	.01903	.00007	.02217	-.00002	02801	.00003	24.039	.00696	-.00009	1120-01J
83	1054A	384.38	.00699	00326	.00314	.00004	-.01907	00056	476.59	-.00058	-.00123	1054A
84	1054A2	390.57	1.0552	1.0791	.52582	.45795	.49558	1.0132	477.06	.47235	.46072	1054A2
85	0097	102.00	1.5651	1.0657	2.0653	1.5621	2.5407	2.0388	77.967	2.5757	.94786	0097
86	0087	-.00327	.00671*	01116	.00091	.00002	00039	.00004	.00226	.00008	.00017	0087
87	IP107059	09544	.00590	-.00039	-.00049	.00000	00022	.00013	39170	00010	.00014	IP107059
88	IP107059	5.1440	2.5338	53109	57163	51459	.46104	53325	53.449	51569	49466	IP107059
89	IP107059	4.8567	2.4118	.50765	.52069	49375	.45658	.51330	50.236	52662	47633	IP107059
90	1296-01A	17.740	2.5337	.57753	.63-42	.57759	.45225	.54747	60.371	53665	51386	1296-01A
91	1296-01*	14.320	00649	.03054	.37996	00161	.00951	.00146	30.024	.05347	01179	1296-01k
92	1296-01J	3.0144	01373	.03670	.07527	.00030	90128	.00023	2.0322	01069	00215	1296-01J
93	1221-04A	90.927	1.6187	96732	1.3116	53590	49941	56144	57.179	.07593	53935	1221-04A
94	1221-04*	84.065	00966	.03879	.80755	00102	00467	.00055	17.521	.19269	01141	1221-04*
95	1221-04J	17.163	30415	.00221	16779	30019	00057	.01014	3.6383	03859	.01410	1221-04J
96	0098	102.74	1.5604	1.0035	2.0871	1.5565	2.5614	2.0459	76.189	2.5344	94835	0098
97	0088	-.00159	.00647*	.03072	.00010	00002	.00016	-.00001	.01034	-.00013	-.00038	0088
98	IP107258	00005	.00123	30078	.30095	-.00004	00002	00005	-.01313	00004	.00003	IP107258
99	IP107258	4.5935	2.4454	52239	51342	50796	.46621	52761	51.454	.50470	49054	IP107258
100	IP107258	5.1561	2.5518	54263	52602	.51361	.48575	.54153	53.253	52453	50249	IP107258
101	1077-01A	168.35	2.6234	65129	1.5439	.52363	59934	.55807	219.33	78123	.61064	1077-01A
102	1077-01	364.43	02552	.07147	1.4203	.01443	.11480	00489	177.17	25494	.10273	1077-01
103	1077-01J	33.908	.00740	01493	.29543	00097	00011	-.00019	38.213	.05254	.02032	1077-01J
104	1077-01M	200.23	2.3026	61239	1.6787	.47958	.57345	.50427	213.04	76906	.58257	1077-01M
105	1077-01S	204.99	2.3331	60381	1.5247	.46370	55841	50356	214.15	76921	.55507	1077-01S
106	1077-02	120.[illegible]	02127	58196	.65797	.00347	09365	00397	127.95	19589	.09438	1077-02
107	1077-03	123.11	.01113	26650	92934	.00384	.08555	.00370	90.271	20363	.10628	1077-03
108	0089	102.01	1.5678	1.0890	2.0557	1.5651	2.5562	2.0451	78.061	2.5843	.94730	0089
109	0089	-.00175	.01162*	.00002	-.00005	-.00001	00092	-.00001	30717	-.00006	-.00004	0089
110	1077-04	138.22	00895	07354	.78527	00361	10705	90414	128.28	.20739	.09074	1077-04
111	1077-05	102.52	30743	04963	.95455	.00379	.06519	.00192	4-.396	.32932	.09244	1077-05

112	I077-06	133.07	.00561	.06786	1.4028	.00427	.11395	.00317	68.071	.22671	.09380	I077-06
113	I077-07	55.622	.00586	.02665	.48518	.00230	.02916	.00081	21.607	.11821	.04926	I077-07
114	I077-08	46.155	.00314	.02489	.35991	.00189	.02372	.00047	10.052	.11313	.05351	I077-08
115	I077-09	47.263	.01804	.02452	.42843	.00185	.02436	.00101	12.719	.11649	.05104	I077-09
116	I077-10	35.373	.00301	.02003	.23754	.00140	.01307	.00017	6.1089	.09764	.04187	I077-10
117	I077-11	106.67	.00391	.05824	.82348	.00355	.10470	.00248	88.811	.17835	.08006	I077-11
118	I077-12	72.498	.00236	.03955	.86465	.00210	.05480	.00180	275.80	.14157	.05119	I077-12
119	I077-13	120.68	.00532	.06888	1.2739	.00388	.11035	.00476	99.142	.22532	.09024	I077-13
120	CCV10	103.57	1.5570	1.0889	2.0928	1.5566	2.5720	2.0432	78.450	2.5820	.94601	CCV10
121	CCB10	-.00335	.00979*	.00023	-.00010	-.00002	.00047	-.00003	.01273	.00002	-.00009	CCB10
122	I077-14	84.468	.02406	.05131	1.5620	.00285	.09079	.01895	199.74	.45574	.06351	I077-14
123	I077-15	56.448	.00362	.03054	.40507	.00214	.02851	.00034	8.7313	.13230	.04893	I077-15
124	I077-16	61.148	.00196	.03275	.46071	.00226	.02977	.00020	8.8926	.14139	.05578	I077-16
125	I077-17	58.237	.00212	.03006	.49116	.00236	.03072	.00050	12.639	.12608	.05268	I077-17
126	I077-18	54.878	.00160	.02803	.40401	.00247	.03880	.00039	10.327	.12005	.04531	I077-18
127	I077-19	60.283	.02824	.03478	.46714	.00261	.04666	.00606	100.20	.19566	.05264	I077-19
128	I077-20	48.333	.02570	.02690	.40170	.00204	.04029	.00294	56.116	.16046	.04477	I077-20
129	CCV11	102.27	1.5594	1.0957	2.1083	1.5534	2.5853	2.0448	78.617	2.6073	.94428	CCV11
130	CCB11	-.00356	.00915*	.00122	-.00017	-.00003	.00068	.00001	-.00468	-.00007	-.00005	CCB11
131	TXI006SB	.05414	.00245	-.00027	.00218	.00001	.03542	.00000	.04271	.00022	-.00015	TXI006SB
132	I461-01A	5.6601	2.6587	.60190	.64563	.51060	.58280	.53900	151.70	.52027	.48968	I461-01A
133	I461-01	.05771	.01639	.00677	.12225	.00015	.06182	.00267	105.71	.00336	.00280	I461-01
134	I461-01J	.01422	.00392	.00242	.02251	.00000	.01033	.00052	19.642	.00084	.00052	I461-01J
135	I461-01M	5.4436	2.6597	.58387	.64383	.50728	.59968	.52678	160.80	.51053	.48095	I461-01M
136	I461-01S	5.3766	2.6390	.57890	.63284	.49284	.58608	.51896	162.01	.50045	.47282	I461-01S
137	I462-03	.11213	.02563	-.00150	.12270	.00015	.11534	.00990	5.4267	.00979	.00111	I462-03
138	I462-04	.86245	.01179	.00032	.22289	.00002	.58582	.00487	6.3387	.00170	.00459	I462-04
139	I484-01	.09905	.01181	.00069	.19715	.00026	.23668	.02439	11.497	.01619	.01381	I484-01
140	CCV12	102.68	1.5644	1.0996	2.0928	1.5514	2.5726	2.0471	78.430	2.5907	.94492	CCV12
141	CCB12	-.00326	.01054*	.00036	-.00001	-.00003	.00124	-.00004	-.00366	.00006	-.00004	CCB12
142	IPI066SB	-.00263	-.00066	.00178	.00058	.00012	.00083	.00010	.00781	-.00017	.00016	IPI066SB
143	IPI066SL	5.3398	2.5356	.55208	.51447	.49988	.52380	.51603	52.275	.50661	.47153	IPI066SL
144	IPI066SC	5.3754	2.6197	.56438	.52393	.51139	.54208	.52339	52.088	.51920	.47671	IPI066SC
145	I235-01A	5.9707	2.6251	.59809	.55780	.54262	.51934	.63013	101.06	.54899	.50710	I235-01A
146	I235-01T	.26456	.01981	.00437	.00574	.00007	.00160	.07528	52.839	.00553	.00149	I235-01T
147	I235-01J	.05459	.00739	.00064	.00125	-.00002	-.00006	.01471	10.572	.00104	.00026	I235-01J
148	I235-01M	.76965	.25459	.05677	.05748	.05103	.05048	.11555	45.913	.05522	.04906	I235-01M
149	I235-01S	.73812	.26042	.05920	.05682	.05065	.05144	.10674	58.663	.05619	.04872	I235-01S
150	I235-02T	.73477	.00634	.00270	.00906	.00006	.00004	.03255	33.848	.00298	.00130	I235-02T
151	I235-03T	2.2572	.00378	.00157	.04205	.00022	-.00019	.02579	58.856	.00470	.00309	I235-03T
152	CCV13	101.47	1.5599	1.0938	2.1169	1.5580	2.5832	2.0447	78.224	2.6015	.94604	CCV13
153	CCB13	-.00313	.01069*	.00127	-.00008	.00001	.00120	-.00001	.01464	-.00002	-.00013	CCB13
154	I235-04T	.19922	.00441	.00325	.00318	.00002	.00079	.01763	35.996	.00234	.00032	I235-04T
155	I235-05T	.48348	.00413	.00407	.00267	.00008	.00016	.02607	56.018	.00829	.00081	I235-05T
156	I235-06T	.14698	.00238	.00157	.00168	.00000	.00004	.02250	35.954	.00166	.00029	I235-06T
157	I235-07T	.20998	.00272	.00247	.00262	.00004	.00023	.03333	61.832	.00259	.00051	I235-07T
158	I235-08T	.16507	.00250	.00273	.00165	.00003	-.00031	.02105	30.406	.00292	.00034	I235-08T
159	I235-09T	.15867	.00284	.00261	.00225	.00002	-.00026	.04498	66.056	.00303	.00050	I235-09T
160	I235-10T	.10498	.00333	.00368	.00123	-.00001	-.00025	.05742	124.60	.00501	.00026	I235-10T
161	I235-11T	.13189	.00023	.00155	.00175	.00000	-.00027	.01023	73.511	.00227	.00017	I235-11T
162	I235-12T	.16967	.00053	.00235	.00215	.00003	-.00022	.01697	87.981	.00307	.00018	I235-12T
163	I235-14T	.18236	.00558	.00412	.00152	.00002	-.00098	.10898	68.942	.00693	.00107	I235-14T
164	CCV14	102.33	1.5567	1.0958	2.1120	1.5533	2.5759	2.0469	78.235	2.5939	.94652	CCV14
165	CCB14	-.00295	.00909*	-.00052	.00000	-.00001	.00091	-.00001	-.01001	-.00002	-.00006	CCB14
166	I235-15T	.11435	.00719	.00316	.00124	.00000	.00024	.07818	45.041	.00339	.00039	I235-15T
167	I235-16T	.11799	.00392	.00170	.00123	-.00004	.00014	.04378	82.123	.00375	.00046	I235-16T
168	I235-17T	.51742	.00346	.00390	.01141	.00005	-.00020	.04351	46.471	.00376	.00173	I235-17T

169	1235-187	2.7562	.00532	.03949	.06355	.03045	.00044	.10163	34.721	.03945	.03623	.00000	1235-187
170	1235-197	1.1009	.00274	.03425	.03919	.04019	-.00032	.04910	36.760	.03473	.00138	.00000	1235-197
171	1235-207	.16382	.00267	.03294	.03164	-.03002	.03118	.03052	24.977	.03235	.03044	.00000	1235-207
172	1235-217	.71529	.00306	.03619	.01026	.03007	-.00031	.03135	31.767	.03401	.03131	.00000	1235-217
173	03915	101.78	1.5537	1.0923	2.1321	1.5494	2.5758	2.0521	77.764	2.5839	.94974	.00000	03915
174	03815	.03117	.00896*	-.00032	-.00004	-.00012	.00102	.00001	-.00101	-.00014	-.00324	.00000	03815
175	P1027556	-.03016	.00166	.00123	.00370	.00002	.00003	.00010	-.00654	.00014	-.00301	.00000	P1027556
176	P1027551	4.9360	2.4563	.63010	.51793	.43276	.47354	.52432	52.127	.50398	.48592	.00000	P1027551
177	P1027552	4.9928	2.4814	.63227	.61477	.49395	.47423	.52562	51.424	.50549	.48626	.00000	P1027552
178	1187-01A	56.262	2.4993	.93377	1.5405	.52956	.48969	.67532	58.451	.62454	.55555	.00000	1187-01A
179	1187-01	58.173	.03224	.05762	1.5055	.03617	.01759	.12623	40.471	.15002	.04379	.00000	1187-01
180	1187-01J	10.474	.00039	.01361	.20564	.01123	.00191	.02445	8.3569	.02039	.03856	.00000	1187-01J
181	1187-01M	89.825	2.1843	.56793	1.5367	.47244	.41348	.61154	65.768	.59068	.49960	.00000	1187-01M
182	1187-01S	92.158	2.2619	.58337	1.5571	.48546	.42745	.62794	67.975	.60918	.51344	.00000	1187-01S
183	1187-02	56.577	.07428	.08127	1.2819	.03655	.00821	.03441	24.668	.12236	.05918	.00000	1187-02
184	1187-03	46.968	.01237	.07206	1.0394	.00747	.01265	.03859	31.454	.12101	.05928	.00000	1187-03
185	03915	101.37	1.5575	1.0978	2.1214	1.5442	2.5941	2.0499	77.653	2.5862	.94924	.00000	03915
186	03815	-.00392	.01167*	.00001	-.00007	-.00001	.00966	-.00002	-.03964	-.00009	.00001	.00000	03815
187	1187-04	57.252	.00811	.03676	1.1284	.00906	.03601	.00429	24.207	.11956	.07809	.00000	1187-04
188	1187-05	67.222	.00903	.08156	1.1325	.00587	.05919	.00276	15.181	.23410	.09174	.00000	1187-05
189	1187-06	65.611	.00704	.07598	1.9526	.00745	.01321	.03823	74.264	.13018	.08003	.00000	1187-06
190	1187-07	71.450	.00589	.07944	2.7312	.00754	.10546	.00205	22.679	.13113	.13454	.00000	1187-07
191	1187-08	37.154	.00613	.05719	.75252	.03561	.00600	.03387	29.701	.0.810	.08496	.00000	1187-08
192	1187-09	52.080	.05716	.03631	.96121	.00773	.03362	.03169	13.538	.12671	.10169	.00000	1187-09
193	1187-10	44.412	.03791	.07392	1.0310	.00371	.03446	.05759	19.838	.11945	.07271	.00000	1187-10
194	1C5A3	372.33	.00175	-.00032	.00117	.00003	.00050	.00176	472.18	-.00325	.00124	.00000	1C5A3
195	1C5A3	374.75	1.0273	1.0982	.53855	.47395	.51287	.99067	463.36	.47041	.44699	.00000	1C5A3
196	03917	101.70	1.5613	1.1026*	2.1334	1.5493	2.5954	2.0469	76.003	2.5891	.94741	.00000	03917
197	03917	-.00220	.00991*	-.00035	.00005	.00003	.00107	.00001	-.00653	.00011	-.00008	.00000	03917
198	P1027155	.03207	.03217	.00074	.00358	-.00002	.00057	.00007	-.00547	.00008	-.00005	.00000	P1027155
199	P1027151	5.1047	2.4999	.64592	.52876	.50482	.48607	.53493	60.829	.52195	.49439	.00000	P1027151
200	P1027152	4.9289	2.4436	.63544	.51209	.49819	.47477	.51886	50.844	.50609	.47815	.00000	P1027152
201	1235-01A	10.364	2.5794	.65182	.65185	.52778	.52755	1.2450	753.55	.59257	.52457	.00000	1235-01A
202	1235-01	4.4807	.04599	.02965	.09735	.00178	.01502	.74791	724.44	.05943	.07137	.00000	1235-01
203	1235-01J	.86667	.01635	.00966	.01860	.07077	.03288	.15132	159.33	.01431	.01418	.00000	1235-01J
204	1235-01M	10.317	2.5922	.61324	.61071	.47112	.51978	1.2791	289.36	.55025	.48065	.00000	1235-01M
205	1235-01S	10.160	2.5794	.60334	.60295	.47207	.51027	1.2154	772.14	.56040	.47410	.00000	1235-01S
206	1235-02	6.2231	.02716	.04860	.18988	.00091	.00249	.55453	608.47	.34767	.31619	.00000	1235-02
207	1235-03	28.197	.17469	.06232	.46071	.00343	.02932	.59386	143.99	.05834	.35301	.00000	1235-03
208	03918	101.61	1.5561	1.1003*	2.1444	1.5377	2.6067	2.0651	77.471	2.5988	.94705	.00000	03918
209	03918	-.00365	.01172*	-.00125	-.00006	.00004	.00124	.00005	-.00022	.00006	.00014	.00000	03918
210	1235-04	5.2116	.02421	.08527	.06192	.00166	.01028	.68616	898.32	.06850	.01780	.00000	1235-04
211	1235-05	5.7035	.02368	.10359	.05463	.03156	.00966	.62389	1259.4*	.07256	.01866	.00000	1235-05
212	1235-06	3.4740	.02361	.05071	.03[illegible]	.03197	.00396	.83186	932.9*	.06058	.01631	.00000	1235-06
213	1235-07	3.7317	.02655	.06753	.04399	.03167	.00253	.91862	1064.6*	.09677	.01655	.00000	1235-07
214	1235-08	4.7564	.02224	.08012	.03889	.03167	.00542	.57833	958.40*	.09652	.01876	.00000	1235-08
215	1235-09	3.2596	.02137	.06373	.03465	.03133	.01292	.74330	1163.7*	.03193	.01670	.00000	1235-09
216	1235-10	1.9945	.01622	.05486	.01877	.00064	.00362	.61577	2043.7*	.05194	.00676	.00000	1235-10
217	1235-11	2.5671	.01237	.03537	.02966	.00382	.00538	.30181	1412.3*	.03981	.00993	.00000	1235-11
218	1235-12	2.4272	.01147	.03064	.03090	.00079	.00521	.52781	1383.3*	.03871	.00960	.00000	1235-12
219	03919	-.07492*	.00056*	.00025*	-.00015*	.00001*	-.00093*	-.00004*	.01682*	.00004*	.00002*	.00000	03919
220	03919	-11.464*	5.3820*	3.2941*	-9.4413*	-.73075*	-3.0801*	.75392*	-72.2444	2.9810*	1.4977*	.00000	03919
221	1235-15	2.0647	.02746	.04582	.02548	.00061	-.00634	1.0694	709.81	.06185	.01189	.00000	1235-15
222	1235-16	2.4202	.02420	.04623	.03348	.00065	-.00423	.87559	702.77	.07587	.01251	.00000	1235-16
223	1235-17	3.8222	.02563	.04871	.06017	.00386	-.00144	.57861	689.81	.07116	.01502	.00000	1235-17
224	1235-18	22.143	.03054	.06994	.27528	.00047	.00076	1.1193	512.62	.10124	.06299	.00000	1235-18
225	1235-19	14.203	.02987	.06535	.14146	.00200	-.00039	.83075	635.69	.09132	.07337	.00000	1235-19

226	I235-20	2.3220	.02604	.04744	.03072	.00061	.00434	.74563	652.69	.06051	.01184	I235-20
227	I235-21	4.8083	.02713	.11315	.05339	.00099	.00222	1.0455	638.65	.07118	.01786	I235-21
228	CCV20	102.06	1.5485	1.1018*	2.1161	1.5434	2.5892	2.0432	78.024	2.5973	.94394	CCV20
229	CCB20	-.00461	.01053*	.00006	-.00007	.00002	.00050	-.00002	-.00225	-.00011	-.00004	CCB20
230	I235-04W	4.8827	.02225	.08595	.06075	.00159	.00918	.68069	885.52	.06694	.01771	I235-04W
231	I235-05W	5.1780	.02031	.09809	.05113	.00147	.00756	.60007	1207.1*	.06807	.01806	I235-05W
232	I235-06W	3.2936	.02196	.07902	.03656	.00133	.00309	.82821	911.62*	.04942	.01537	I235-06W
233	I235-07W	3.4322	.02512	.08543	.04146	.00162	.00093	.95924	1066.4*	.05319	.01622	I235-07W
234	I235-08W	4.5333	.02259	.07941	.03833	.00167	.00447	.68253	946.30*	.09518	.01899	I235-08W
235	I235-09W	2.9971	.02204	.06744	.03458	.00133	.00329	.74944	1146.5*	.05043	.01882	I235-09W
236	I235-10W	1.7555	.01687	.05545	.01917	.00061	.00320	.61702	2051.0*	.05029	.00666	I235-10W
237	I235-11W	2.5129	.01093	.03943	.03052	.00088	.00514	.33527	1432.7*	.03928	.01007	I235-11W
238	I235-12W	2.2801	.00999	.03483	.03097	.00079	.00462	.31957	1363.0*	.03679	.00955	I235-12W
239	CCV21	97.383	1.4989	1.0480	2.0609	1.5051	2.4941	1.9779	74.646	2.5232	.91771	CCV21
240	CCB21	-.00297	.00922*	.00071	-.00006	-.00001	.00041	.00004	-.00247	.00010	.00000	CCB21
241	I235-15W	1.9910	.02974	.04828	.02548	.00067	-.00610	1.0707	705.90	.08077	.01176	I235-15W
242	I235-16W	2.2134	.02683	.04690	.03389	.00070	-.00313	.82964	706.84	.07536	.01252	I235-16W
243	I235-17W	3.6925	.02462	.04691	.05252	.00082	-.00180	.98011	679.42	.07004	.01514	I235-17W
244	I235-18W	22.539	.03030	.09081	.28999	.00345	.00203	1.1606	515.00	.10260	.06336	I235-18W
245	I235-19W	14.295	.02983	.06416	.14378	.00195	-.00009	.82687	639.41	.08190	.02332	I235-19W
246	I235-20W	2.3055	.02594	.04777	.03147	.00061	.00408	.74340	645.90	.05956	.01199	I235-20W
247	I235-21W	4.8796	.02683	.11028	.05438	.00099	.00159	1.0404	644.39	.07104	.01782	I235-21W
248	CCV22	97.742	1.5077	1.0444	2.0773	1.5193	2.5075	1.9972	74.593	2.5351	.92781	CCV22
249	CCB22	-.00420	.00928*	-.00035	-.00007	-.00002	.00001	.00000	-.01328	.00005	.00001	CCB22
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Sr	LSID
1	Blank	.00075	.00001	.00012	-.00095	.00000	.00004	.00003	-.00052	-.00037	.00001	Blank
2	S20			.23859			.10417					S20
3	S21			2.0438			1.0228					S21
4	S22	.27593	.04926									S22
5	S23	2.6863	1.9193									S23
6	S24							.72617				S24
7	S25							7.1796				S25
8	S26								.62135	.24938		S26
9	S27								7.5198	2.4554		S27
10	S28					.11461						S28
11	S29					.45251						S29
12	S30				.02196						.00131	S30
13	S31				.10750						.00519	S31
14	ICV	7.4533	23.556	2.3300	49119	55.910	2.3561	7.4354	7.4392	58.761	.99727	ICV
15	ICB	-.00022	.00158	.00013	-.00032	.00011	-.00021	.00091*	-.00022	.00960	.00072	ICB
16	MRL2401	.01025	.21156	.01016	.01006	.96145	.00032	.01059	.01035	1.0001	.00131	MRL2401
17	MRL2402	.01029	.10585	.00281	.00769	.20007	.00533	.01007	.01022	.55681	.00965	MRL2402
18	ICS41	-.00035	186.43	.00073	.00147	189.66	.00182	-.00246	.00117	.05212	.00407	ICS41
19	ICS481	.50246	181.39	.59172	1.0096	185.62	.43513	.99565	.99303	76.946	1.0441	ICS481
20	CCV1	2.5156	24.655	2.4057	49442	51.081	2.3535	7.5394	2.5168	63.642	1.0525	CCV1
21	CCB1	-.00017	.00152	-.00032	-.00078	-.00553	-.01014	.00083	-.00070	-.02976	-.00569	CCB1
22	IP1076W8	.00049	.00012	-.00029	-.00195	.00416	.00016	.00014	.00016	-.02203	-.00147	IP1076W8
23	IP1076WL	.47390	4.5299	.47125	-.00052*	47.023	.45551	.46093	.49555	43.539	.49512	IP1076WL
24	IP1076WC	.46369	4.7195	.46327	-.00020*	44.597	.44651	.47144	.47354	46.995	.49420	IP1076WC
25	ZZZZZZ	.39715	3.9675	.35470	.00144	46.170	.45564	.45257	.45361	37.538	.40593	ZZZZZZ
26	1320-01	.01945	.29235	.00279	.00185	15.398	.14235	.00314	.00145	2.6442	.00195	1320-01
27	1320-01J	.00358	.23849	.00066	.00325	3.1676	.02905	.00194	.00010	.54789	.00847	1320-01J
28	1320-02	.00054	.00270	.00760	.00207	17.707	.47031	.01863	.00074	3.1363	.00021	1320-02
29	1320-03	.00093	.27932	.00036	.00144	15.351	.12172	-.00095	.00981	2.9135	-.00072	1320-03
30	1320-04	.00102	.32302	-.00068	.00134	15.181	.12346	.00079	.00234	3.0044	-.00013	1320-04
31	CCV2	2.5111	24.601	2.3965	49245	51.253	2.3357	7.5234	2.5056	59.418	1.0460	CCV2
32	CCB2	-.00011	.00166	.00025	-.00341	.00155	.00002	.00094*	.00018	.00584	.00138	CCB2
33	IP1070SO	-.00056	.00032	-.00013	-.00075	.00232	.00003	.00016	.00125	.00989	.00362	IP1070SO
34	IP1070SX	.53715	5.2326	.49974	-.00129*	47.142	.46257	.52734	.52282	47.232	.50043	IP1070SX
35	IP1077SY	.47510	4.9476	.47386	.00092*	47.278	.46359	.50347	.50715	47.838	.48013	IP1077SY
36	1295-01A	.54638	57.631	.55296	.01719	62.452	.10109	.52116	.51456	62.534	.51412	1295-01A
37	1295-01W	.04237	11.497	.05061	.01591	1.3573	.03341	.00335	.01566	4.1063	.0208	1295-01W
38	1295-01C	.00579	10.542	.01723	.00317	.29432	.17164	.00363	.00227	.9660	.00134	1295-01C
39	1320-01A	.54132	5.4127	.50464	.00208	67.422	.53951	.51361	.48546	65.343	.56397	1320-01A
40	1320-01P	.49069	5.0426	.46707	.00255	53.797	.69971	.45849	.43314	51.635	.52009	1320-01P
41	1320-01S	.51311	5.1949	.47536	.00214	64.991	.01115	.49634	.49019	51.584	.52754	1320-01S
42	CCV3	2.5067	24.750	2.3958	.49424	57.931	2.3479	2.5134	2.4979	59.447	1.0428	CCV3
43	CCB3	-.00315	.00139	-.00054	-.00279	.00323	-.00031	.00150*	-.00016	.01162	.00042	CCB3
44	IP1073W3	-.00011	-.00011	-.00025	-.00131	.00570	-.00004	.00008	.00012	.00520	.00351	IP1073W3
45	IP1073WL	.50653	5.2137	.4947_	.00024*	48.935	.47373	.50716	.50351	49.201	.51372	IP1073WL
46	IP1073WC	.50526	5.1976	.49583	-.00071*	52.513	.48138	.51184	.50710	63.023	.52373	IP1073WC
47	1075-02A	.51842	5.5977	.50460	.00159	71.415	.59462	.49339	.47958	66.204	.55257	1075-02A
48	1075-02	.00057	.37562	.00302	.00445	72.525	.22115	.00516	.00032	3.8156	.00119	1075-02
49	1075-02O	-.00009	.07292	.00067	.00034	4.7872	.34292	.00113	-.00064	.69571	.00056	1075-02O
50	1075-02N	.52478	5.6635	.50607	.00393	72.619	.70597	.50213	.51645	55.146	.54096	1075-02N
51	1075-02S	.50307	5.4435	.49196	.00456	71.338	.59153	.51313	.49685	54.588	.53223	1075-02S
52	1075-01	.00054	.32823	.00262	.00566	30.363	.22375	.00160	.00030	4.3350	.00074	1075-01
53	1077-24	-.00006	.07231	.04207	-.00149	.01569	.00480	.00813	.00522	.07136	-.00023	1077-24
54	CCV4	2.5378	25.025	2.3917	.49657	57.549	2.3650	2.5181	2.5030	59.581	1.0445	CCV4

55	CC84	-.00016	.00107	.00011	-.00037	-.00064	.00009	.00102*	-.00015	.02491	.00106	CC84	
56	1097-02	.00742	.48945	.00588	.02054	53.453	.96359	.00104	.03321	4.3926	.00234	1097-02	
57	1097-03	.00189	-.01566	.00703	.05871	69.315	.10153	.00003	.00857	5.4469	.00569	1097-03	
58	1097-06	.00759	-.02693	.00570	.10572	171.25	.05395	.00210	.02142	9.2267	.00527	1097-06	
59	1097-08	.00779	-.01491	.00605	.03907	44.272	.04566	.00125	.00009	5.5174	.01659	1097-08	
60	1097-10	.00523	.24531	.00473	.03983	57.292	.67744	.00328	.15947	3.2221	.01383	1097-10	
61	1097-13	.00235	.00785	.00383	.00672	23.633	.05024	.01842	.00079	3.5579	.01436	1097-13	
62	1097-15	.00130	-.00490	.00039	.02121	51.124	.08066	.02652	.00461	4.4018	.00054	1097-15	
63	1097-17	.00596	.00515	.00766	.03632	194.72	.14077	.00033	.03533	8.9472	.00250	1097-17	
64	1091-01	.00027	3.3631	.00239	.00710	23.265	.81524	-.00034	.00631	4.0960	-.00127	1091-01	
65	1091-02	.00386	.37478	.04998	.01535	75.431	.19255	.00054	.00437	8.6165	.00709	1091-02	
66	CC95	2.5364	25.128	2.3998	.45895	57.929	2.3766	2.5235	2.5029	59.696	1.0528	CC95	
67	CC26	-.00015	-.00049	-.00030	-.00058	-.00088	-.00008	.00139*	-.00021	.01663	.00038	CC26	
68	1112-10	.00102	.00527	.00416	.00972	21.766	.00386	.00147	.00016	3.3219	.00798	1112-10	
69	1112-11	.00118	-.00415	.00472	.00791	22.291	.00604	.00539	.00112	2.7469	.00544	1112-11	
70	1088-08	.00160	.01528	.00477	.01555	59.106	.00105	.00064	.01029	7.0424	.01594	1088-08	
71	1088-09	.00133	-.01733	.00411	.01552	59.345	.00098	.00062	.01264	7.0911	.01727	1088-09	
72	1086-02	.00035	.00036	-.00027	-.00139	.00920	-.00017	-.00057	.00005	.03342	-.00139	1086-02	
73	1129-02	.00159	-.02213	.03665	.05507	107.73	.33567	-.00016	.02047	8.5876	.00270	1129-02	
74	1129-04	.01140	-.01972	.00631	.05037	110.60	.08585	.00157	.02364	10.092	.03309	1129-04	
75	CC96	2.4942	24.552	2.1941	.45866	57.926	2.3919	2.5209	2.4900	61.856	1.0634	CC96	
76	CC98	-.00913	.00284	.00021	-.00042	-.00607	-.00065	.00100*	-.00009	.01549	.00255	CC98	
77	JP1077W9	.00264	-.03210	-.00038	.00364	-.00170	-.00303	.00012	.00014	.07147	-.00111	JP1077W9	
78	JP1077WL	.50614	5.2111	.49563	-.00051*	49.717	.49014	.50556	.50971	51.518	.53050	JP1077WL	
79	JP1077WC	.50661	5.2615	.49422	-.00077*	49.088	.49111	.50349	.50620	49.823	.53443	JP1077WC	
80	1120-01A	.51901	5.5029	.50374	.01611	82.746	.51036	.53909	.64267	55.379	.59460	1120-01A	
81	1120-01	.00161	.29490	.00459	.01595	33.187	.01698	.05257	.17353	3.2357	.00929	1120-01	
82	1120-01J	.00679	.05297	.00042	.00274	6.4736	.00328	.01107	.00454	.62483	.00154	1120-01J	
83	CC542	-.00025	189.71	-.00256	.00093	292.68	.00178	.00239	-.00135	.03571	.00452	CC542	
84	CC5452	.5103	100.47	.91005	1.0042	193.39	.46442	1.0098	.96103	76.536	1.0643	CC5452	
85	CC97	2.5042	24.799	2.3995	.49914	58.005	2.4093	2.5216	2.4801	62.415	1.0804	CC97	
86	CC87	.00335	.10149	.00134	-.00085	.00150	.00004	.00056	-.00031	.01049	.00005	CC87	
87	JP107CSO	.00003	.00389	.00009	-.00142	.00293	.00204	.00015	.00052	-.00035	.00072	JP107CSO	
88	JP107CSY	.50361	5.1978	.50018	-.00121*	47.509	.49583	.50955	.51082	49.297	.51746	JP107CSY	
89	JP107CSY	.47609	4.9705	.48176	-.00214*	47.951	.47558	.50379	.49985	50.296	.49293	JP107CSY	
90	1236-01A	.55048	55.159	.56350	.01579	52.216	1.3511	.53123	.50111	54.726	.53380	1236-01A	
91	1236-01W	.34287	52.910	.36949	.01659	4.5079	.69516	.30358	.01529	4.2141	.00383	1236-01W	
92	1236-01J	.00957	11.626	.01201	.00369	.92024	.17945	.00066	.00219	.82762	-.00006	1236-01J	
93	1221-04P	.59751	157.30	.53112	.08327	84.873	1.9050	.52368	.54259	90.674	.55183	1221-04P	
94	1221-04W	.06168	.15.16	.02725	.09405	27.518	1.4671	.00138	.04554	40.486	.00459	1221-04W	
95	1221-04J	.01476	31.793	.03476	.01171	7.5806	.40419	.00311	.01649	8.0983	.00152	1221-04J	
96	CC98	2.5759	25.201	2.4141	.53780	57.457	2.4373	2.5625	2.5047	61.750	1.0541	CC98	
97	CC88	-.00003	.01886	.00112	.00300	.00758	-.00008	.00061	-.00011	-.02392	.00107	CC88	
98	JP107258	-.00025	-.00006	.00009	-.00102	.00112	-.00018	.00012	.00017	-.02588	-.00068	JP107258	
99	JP107258L	.49094	5.0156	.49239	.00037*	46.618	.49156	.51634	.51370	52.524	.51907	JP107258L	
100	JP107258C	.50728	5.1535	.50344	-.00016*	46.476	.51516	.53459	.57835	51.872	.51771	JP107258C	
101	1077-01A	.71757	285.06	.57348	.99283	123.94	3.5871	.53670	.63687	95.013	.57204	1077-01A	
102	1077-01	.15504	290.47	.06459	.00043	77.696	3.1798	.00466	.14075	44.087	.00598	1077-01	
103	1077-01J	.03277	62.481	.01332	.55892	16.251	.67490	.00134	.07958	8.8707	.00064	1077-01J	
104	1077-01W	.69159	336.89	.50956	.32743	128.90	5.0078	.68135	.64016	95.472	.30681	1077-01W	
105	1077-01S	.67628	232.55	.52316	.33553	137.14	3.9377	.50288	.63872	98.499	.50679	1077-01S	
106	1077-02	.14027	282.86	.05945	.28348	64.645	2.7912	.00716	.12612	30.237	.00877	1077-02	
107	1077-03	.15027	280.30	.07210	.27409	65.769	3.4995	.00656	.13197	33.791	.00940	1077-03	
108	CC99	2.5530	25.956	2.4107	.55278	67.305	2.4337	2.5450	2.4993	62.440	1.0365	CC99	
109	CC89	-.00003	.00489	-.00043	-.00105	.00052	-.00009	.00103*	-.00015	-.01411	.00074	CC89	
110	1077-04	.15720	285.25	.05352	.30495	70.746	3.0239	.00777	.13154	32.518	.00550	1077-04	
111	1077-05	.11543	201.85	.06699	.12436	37.061	2.4779	.00907	.14577	27.870	.00489	1077-05	

112	1077-06	.16825	765.57	.06630	.23211	79.549	2.8097	.38418	.4236	35.845	.00717	1077-06
113	1077-07	.23734	139.81	.06894	.09605	29.625	1.8617	.05141	.05975	20.803	.00165	1077-07
114	1077-08	.35129	119.37	.02682	.15981	20.395	1.6206	.09173	.05653	17.482	.00224	1077-08
115	1077-09	.35738	125.89	.03362	.05143	29.809	1.6492	.00193	.04758	20.739	.00372	1077-09
116	1077-10	.38489	109.73	.02031	.04395	15.874	1.0023	.00133	.03597	15.335	.00279	1077-10
117	1077-11	.11511	237.21	.04774	.13250	51.216	2.8338	.00517	.10045	31.516	.00691	1077-11
118	1077-12	.05267	189.74	.03161	.12389	39.727	5.4433	.00133	.07958	19.378	.00271	1077-12
119	1077-13	.19516	250.21	.03035	.21902	60.373	2.9603	.00646	.14253	35.071	.00780	1077-13
120	CC10	2.5990	25.408	2.4179	.51358	67.199	2.4410	2.5696	2.5874	61.356	1.0943	CC10
121	CC810	-.00303	.00005	-.00018	-.00031	-.00059	-.00324	.00107*	-.00024	-.02257	.00293	CC810
122	1077-14	.95072	144.82	.51179	.16393	41.991	2.4031	.01181	.77105	27.995	.07636	1077-14
123	1077-15	.06019	148.26	.02949	.18242	27.066	1.1024	.00170	.05437	24.525	.00293	1077-15
124	1077-16	.06587	158.93	.03145	.08991	29.191	1.6586	.00212	.07118	24.277	.00402	1077-16
125	1077-17	.06147	141.09	.03064	.07787	26.337	1.6365	.00191	.05663	22.967	.00610	1077-17
126	1077-18	.06176	130.13	.02730	.05511	21.769	1.3722	.00198	.05431	16.876	.00402	1077-18
127	1077-19	.12376	195.09	.02246	.05407	20.965	1.4971	.00404	.07615	13.105	.00960	1077-19
128	1077-20	.11366	145.71	.01060	.04696	16.772	1.2557	.00364	.05773	11.302	.00433	1077-20
129	CC911	2.5763	25.326	2.4184	.51069	57.298	2.4529	2.5557	2.4990	62.309	1.1005*	CC911
130	CC811	.00005	.00115	.00516	.00077	-.00694	-.00016	.00101*	-.00023	-.01165	.00112	CC811
131	T1100659	.00093	.00911	-.00018	-.00119	.03215	.00017	.00059	.00096	.05342	.00345	T1100659
132	1461-01A	3.9443	5.7855	.50392	.30020	49.956	.61181	.51172	.49116	52.176	.59578	1461-01A
133	1461-01	2.6737	.01147	.03970	-.00002	2.9935	.11791	.03069	.03206	.55772	.00296	1461-01
134	1461-01J	.47401	.00311	.00580	.00018	.55630	.02165	.03614	.03130	.04697	.00137	1461-01J
135	1461-01M	3.4597	5.0317	.53346	.00055	50.507	.61280	.51378	.51030	53.955	.58531	1461-01M
136	1461-01S	3.4389	5.0215	.51687	.00011	51.012	.60227	.51159	.50505	53.615	.57425	1461-01S
137	1462-03	.14369	.70674	.01951	.00151	3.6073	.04331	.00230	.03465	3.8118	.00246	1462-03
138	1462-04	.19725	1.2113	.01798	.43777	2.5825	.06600	.00140	.01364	5.6137	.00253	1462-04
139	1484-01	1.9114	4.4030	.02753	.01096	7.3292	1.3017	.00236	.29709	2.6304	.00328	1484-01
140	CC912	2.6977	25.404	2.4159	.51082	57.219	2.4327	2.5563	2.5032	61.189	1.0997	CC912
141	CC812	.00084	-.00020	.00013	-.00011	.00105	-.00014	.00094*	-.00013	.00968	.00002	CC812
142	IP106658	.00106	-.00049	-.00026	-.00358	.00551	.00034	.00015	.00016	.06704	-.00021	IP106658
143	IP106651	.50679	5.2026	.49179	.00072*	45.852	.49304	.50341	.50153	57.279	.54407	IP106651
144	IP106652	.51096	5.2383	.49966	-.00100*	46.777	.50117	.50373	.50752	57.150	.55636	IP106652
145	1235-01A	.74115	10.593	1.1371	.00040	66.456	.74055	.51710	.51201	51.109	.5.496	1235-01A
146	1235-01T	.13426	6.7710	.52838	.00062	11.101	.22591	-.00321	.01033	.14211	.00019	1235-01T
147	1235-01L	.03809	1.3436	.19578	-.00133	2.2423	.04559	-.00144	.00125	.00059	-.00043	1235-01L
148	1235-01M	.17525	3.7517	.42329	-.00018	11.536	.29846	.04399	.15703	5.3047	.05976	1235-01M
149	1235-01S	.17444	2.7921	.60357	-.00164	11.530	.28597	.05024	.05755	5.4221	.06330	1235-01S
150	1235-02T	.02447	3.4974	.15134	-.00135	4.9387	.13127	-.00103	.00476	.19477	.00271	1235-02T
151	1235-03T	.02956	5.3197	.34965	-.00021	7.5353	.37560	-.00167	.00544	.16414	.00108	1235-03T
152	CC913	2.5639	25.334	2.4144	.51267	55.966	2.4405	2.5519	2.4993	62.991	1.0480	CC913
153	CC813	.00135	.00176	-.00053	.00117	.00017	-.00005	.00090	-.00028	-.00236	.00011	CC813
154	1235-04T	.01146	2.4665	.53143	-.00034	6.2113	.07328	-.00319	.00318	.10059	.00069	1235-04T
155	1235-05T	.01620	5.1492	.38343	-.00011	5.1456	.08185	-.00342	.00444	.11417	-.00044	1235-05T
156	1235-06T	.02272	2.2609	.51135	.00099	3.8381	.04759	-.00043	.00214	.07303	.00056	1235-06T
157	1235-07T	.03610	2.9162	.82523	-.00171	1.3623	.05932	-.00256	.00594	.11792	-.00213	1235-07T
158	1235-09T	.03680	2.1945	.62056	.00009	2.1764	.04174	-.00037	.00405	.16099	.00312	1235-09T
159	1235-09T	.03131	3.1064	.77491	-.00120	2.2047	.07184	-.00035	.00435	.12167	-.00024	1235-09T
160	1235-10T	.01984	2.6215	.41087	-.00104	7.2355	.13911	.00157	.00424	.19126	.00054	1235-10T
161	1235-11T	.01504	1.2343	.35243	-.00045	2.0342	.06472	-.00022	.00241	.09312	.00137	1235-11T
162	1235-12T	.02166	1.5630	.49346	-.00107	.39218	.05433	-.00028	.00338	.14469	.00076	1235-12T
163	1235-14T	.06133	4.4495	.51701	-.00045	15.454	.22439	-.00208	.00583	.06256	.00078	1235-14T
164	CC914	2.5772	25.267	2.4193	.51324	56.901	2.4347	2.5599	2.5035	62.458	1.0971	CC914
165	CC814	.00014	.00095	.00006	.00109	.00109	-.00018	.00085	-.00012	.02068	-.00307	CC814
166	1235-15T	.03931	2.3358	.22101	-.00073	7.1774	.12982	.00271	.00327	.05343	.00132	1235-15T
167	1235-16T	.03471	2.3747	.22205	-.00114	5.9501	.71981	-.00142	.00347	.03053	.00033	1235-16T
168	1235-17T	.02374	2.8219	.51709	-.00062	10.019	.19133	-.00123	.00519	.11241	.00059	1235-17T

169	I235-18T	.03294	14.644	.84986	.00109	5.5819	.56769	-.00242	.01243	.31567	.00129	I235-18T
170	I235-19T	.02857	5.2468	.37231	-.00063	5.0853	.13897	-.00118	.00568	.11537	.00085	I235-19T
171	I235-20T	.02078	2.0362	.25155	-.00085	5.5677	.09710	-.00120	.00297	.05721	.00032	I235-20T
172	I235-21T	.02667	4.1622	.57218	-.00084	6.0264	.13392	-.00136	.00477	.09421	.00012	I235-21T
173	CCV15	2.5754	25.067	2.4216	.51315	56.470	2.4228	2.5708	2.5119	62.314	1.0963	CCV15
174	CCB15	.00008	.00358	.00023	-.00135	.00109	-.00003	.00089	-.00010	-.02448	.00099	CCB15
175	IPI075SB	.00010	.00202	.00003	-.00099	.00560	-.00001	.00009	.00009	-.01552	.00031	IPI075SB
176	IPI075SL	.49718	5.0942	.49124	-.00088*	48.425	.49320	.52637	.51229	52.601	.51683	IPI075SL
177	IPI075SC	.50312	5.1748	.49365	-.00147*	47.676	.49113	.52999	.51505	50.966	.51652	IPI075SC
178	I187-01A	.68933	146.85	1.8112	.02735	53.125	3.7985	.53756	.58778	54.683	.55337	I187-01A
179	I187-01	.14379	145.62	1.3388	.02707	7.7574	3.3863	.00211	.08438	4.4578	.00617	I187-01
180	I187-01J	.02917	30.510	.27337	.00448	1.6277	.70217	.00026	.01648	.87565	.00172	I187-01J
181	I187-01M	.62982	155.27	1.7103	.05257	54.065	3.7286	.49443	.57424	54.595	.48551	I187-01M
182	I187-01S	.64986	159.64	1.7599	.05453	55.396	3.8382	.50765	.59015	56.686	.49947	I187-01S
183	I187-02	.06793	184.84	.37938	.02944	5.2526	4.9808	.00528	.07048	3.9754	.00700	I187-02
184	I187-03	.06854	112.07	.54279	.01387	3.9642	3.3931	.00404	.07348	7.0929	.00568	I1B7-03
185	CCV16	2.5824	25.031	2.4220	.51617	56.205	2.4280	2.5779	2.5092	62.674	1.0980	CCV16
186	CCB16	-.00005	.00235	.00011	-.00067	-.00462	-.00005	.00097*	-.00018	-.02460	.00070	CCB16
187	I187-04	.06605	138.28	.58284	.01748	4.2582	3.3761	.00521	.08874	5.6766	.00602	I187-04
188	I187-05	.06582	177.16	.18639	.02752	4.4099	4.8357	.00688	.08655	7.2086	.00663	I187-05
189	I187-06	.10319	135.62	.54613	.02909	5.3097	7.2266	.00598	.10664	7.4297	.00756	I187-06
190	I187-07	.07241	148.68	.21392	.03121	4.9760	12.774	.00702	.08332	6.3520	.00718	I187-07
191	I187-08	.12006	95.694	1.0645	.01450	3.0348	2.7565	.00356	.06266	3.5819	.00618	I187-08
192	I187-09	.05989	163.39	.36618	.02472	3.6326	2.5127	.00753	.07721	4.1780	.00508	I187-09
193	I187-10	.05695	135.18	.35534	.01552	3.9466	3.4542	.00186	.07674	3.7672	.00750	I187-10
194	ICSA3	.00035	187.45	-.00316	.00144	183.32	.00588	-.00264	-.00151	-.01651	.00515	ICSA3
195	ICSAB3	.51187	187.28	.89696	1.0490	183.16	.45214	1.0049	.94417	80.119	1.0898	ICSAB3
196	CCV17	2.5794	25.156	2.4195	.51763	56.630	2.4389	2.5699	2.5027	63.581	1.1011*	CCV17
197	CCB17	.00016	.00063	-.00033	-.00101	.00221	-.00005	.00106*	-.00019	-.01986	.00029	CCB17
198	IPI071SB	.00000	.00109	-.00024	-.00184	-.00370	-.00012	.00014	.00004	-.01638	-.00109	IPI071SB
199	IPI071SL	.50972	5.1940	.50124	-.00141*	47.143	.50104	.53476	.52224	51.581	.53003	IPI071SL
200	IPI071SC	.49571	5.0757	.48795	-.00165*	47.168	.48737	.52049	.50683	51.140	.51411	IPI071SC
201	I235-01A	2.8906	54.524	6.7038	.00557	192.84	3.5413	.54083	.60310	56.463	.59692	I235-01A
202	I235-01	2.3935	51.492	6.4429	.00567	150.84	3.1629	-.00576	.11075	2.0593	.01078	I235-01
203	I235-01J	.46431	10.708	1.3463	.00013	30.537	.66407	-.00383	.02229	.39176	.00154	I235-01J
204	I235-01M	3.0493	59.132	7.3680	.00755	208.00	3.8298	.51916	.59556	55.624	.54987	I235-01M
205	I235-01S	2.8924	55.735	6.8108	.00718	196.96	3.6183	.51724	.59088	55.729	.54736	I235-01S
206	I235-02	.51372	48.063	3.1999	.00445	126.07	2.2061	-.00590	.06985	1.1405	.00547	I235-02
207	I235-03	.79885	88.924	7.9284	.01537	67.217	4.8109	-.00413	.13075	2.6081	.01083	I235-03
208	CCV18	2.6068	25.089	2.4254	.52327	55.711	2.4377	2.5904	2.5046	63.187	1.1145*	CCV18
209	CCB18	.00026	.00379	.00023	-.00136	.00310	-.00006	.00108*	-.00012	-.02509	.00034	CCB18
210	I235-04	.46862	74.978	11.945	.01060	150.49	2.1585	-.00431	.11205	2.5150	.00512	I235-04
211	I235-05	.54124	76.680	11.895	.01354	103.05	2.0031	-.00436	.11243	2.8497	.00979	I235-05
212	I235-06	.76229	62.514	16.260	.00781	59.614	1.4816	-.00495	.09780	2.4933	.00887	I235-06
213	I235-07	1.2106	59.180	28.248	.01045	21.587	1.2600	-.00445	.12495	3.0962	.00868	I235-07
214	I235-08	.96580	55.624	19.555	.00787	48.757	1.3394	-.00235	.13239	2.4506	.00736	I235-08
215	I235-09	.87924	55.039	20.120	.00816	37.622	1.5559	-.00585	.10062	2.3350	.00732	I235-09
216	I235-10	.37251	34.913	9.5656	.03143	110.21	2.5847	-.00794	.05146	1.8483	.00719	I235-10
217	I235-11	.42857	25.983	8.9595	.01520	10.283	1.0696	-.00267	.05952	2.1790	.00537	I235-11
218	I235-12	.41944	25.201	8.6312	.01380	10.009	1.0477	-.00293	.05792	2.0668	.00324	I235-12
219	CCV19	.00007*	.00192*	.00012*	-.00124*	.00077*	-.00004*	.00002*	-.00023*	-.01644*	-.00012*	CCV19
220	CCB19	-2.6107*	6.7135*	-1.5198*	27.576*	-195.41*	4.1158*	.30471*	.24679*	782.31*	-8.8563*	CCB19
221	I235-15	.54450	44.220	5.0012	.00343	170.52	2.4216	-.00812	.06363	1.0283	.00768	I235-15
222	I235-16	.61177	45.224	5.4378	.00409	163.71	2.3712	-.00813	.06249	1.1142	.01131	I235-16
223	I235-17	.55977	48.497	6.1343	.00483	148.61	2.2995	-.00765	.07224	1.2180	.00B24	I235-17
224	I235-18	.52923	122.05	10.959	.01816	108.43	3.2960	-.00491	.14681	3.1229	.00946	I235-18
225	I235-19	.57035	80.316	7.4111	.01110	126.95	2.3024	-.00482	.09174	2.0386	.01208	I235-19

226	1235-20	.59430	43.267	5.3854	.00410	153.14	2.1936	-.00784	.05062	.96364	.00748	1235-20
227	1235-21	.60525	55.470	11.256	.00554	128.39	2.3074	-.00552	.04535	1.3223	.00911	1235-21
228	CC420	2.6059	35.351	2.4163	.57367	56.213	2.4077	2.5734	2.5056	62.651	1.5927	CC420
229	CC620	.00903	.00035	-.00022	-.00297	-.00052	-.00108	.00194*	-.00008	-.00184	-.00165	CC620
230	1235-04W	.46011	73.471	11.857	.01178	149.62	2.1106	-.00429	.11110	2.4364	.00466	1235-04W
231	1235-05W	.51607	75.029	11.445	.01355	98.694	1.8825	-.00445	.10827	2.5719	.00637	1235-05W
232	1235-06W	.75606	63.131	16.201	.00732	69.051	1.4532	.00829	.19715	2.3652	.00769	1235-06W
233	1235-07W	1.1723	87.301	27.615	.01068	21.243	1.7954	-.00451	.12769	2.8906	.00799	1235-07W
234	1235-08W	.54772	54.083	19.565	.01019	48.720	1.2917	-.00226	.13278	2.4161	.00655	1235-08W
235	1235-09W	.87271	54.201	20.209	.01098	36.802	1.5058	-.00563	.10397	2.3395	.00698	1235-09W
236	1235-10W	.37735	35.624	9.6136	.02665	107.43	2.5240	-.00819	.05206	1.7576	.00783	1235-10W
237	1235-11W	.43871	25.855	9.0536	.01165	10.195	1.0497	-.00281	.06344	2.1652	.00467	1235-11W
238	1235-12W	.41804	25.103	8.5665	.01325	9.7060	.49372	.00298	.05749	2.0067	.00344	1235-12W
239	CC921	2.4352	23.902	2.3335	.57594	53.977*	2.2295*	2.8549	2.4094	63.627	1.0561	CC921
240	CC321	-.00106	-.00087	.00011	.00132	.00358	-.00019	.00093*	-.00011	-.04513	-.00037	CC321
241	1235-15W	.53933	44.542	5.0341	.00329	167.16	2.2579	-.00758	.06330	1.0319	.00891	1235-15W
242	1235-16W	.60452	45.263	5.4543	.00447	161.77	2.2455	-.00809	.06336	1.0580	.00820	1235-16W
243	1235-17W	.55861	48.395	6.1367	.00552	124.67	2.1591	-.00768	.07230	1.2283	.00752	1235-17W
244	1235-18W	.53713	124.33	11.087	.01369	106.28	3.1607	-.00512	.14828	3.3216	.01123	1235-18W
245	1235-19W	.56879	82.016	7.3753	.01034	124.19	2.1903	-.00544	.09105	2.0690	.00873	1235-19W
246	1235-20W	.57577	43.656	6.3655	.00309	149.90	2.0469	.00783	.06195	1.0172	.00651	1235-20W
247	1235-21W	.59324	56.279	11.219	.00430	138.46	2.1645	-.00735	.07469	1.0542	.00827	1235-21W
248	CC922	2.4440	23.896	2.3454	.51246	50.659*	2.2823*	2.4869	2.4322	65.114	1.0636	CC922
249	CC322	-.00025	.00051	-.00072	-.00155	.00051	-.00019	.00093*	.00013	-.01130	.00003	CC322
INCO	LSID	Cu	Fe	Pb	Ti	Mg	Mn	Mo	Na	K	Se	LSID

INDX	LSID	Ag	Na	Sr	Ti	Sn	Ti	V	Zr	LSID
1	Blank	.00310	.03847	-.00016	-.00633	.00013	.00031	-.00025	.00137	Blank
2	S20									S20
3	S21									S21
4	S22							.12799		S22
5	S23							1.2745		S23
6	S24		37995							S24
7	S25		4.5209							S25
8	S26									S26
9	S27									S27
10	S28				.11394					S28
11	S29				1.1609					S29
12	S30	.03844		.11249		.12540	.00651		.59726	S30
13	S31	.18937		.55747		.12268	.08235		5.8357	S31
14	ICV	.49625	63.972	.47606	2.3379	.47687	.49098	1.4705	2.5782	ICV
15	ICB	.00014	-.00281	.00001	.00140	-.00109	.00095	.00001	-.00076	ICB
16	MRL2401	.01832	1.0303	.01031	.01172	-.00039	.01076	.01831	.01202*	MRL2401
17	MRL2402	.00929	.51719	.01029	.01060	.00883	.01001	.00992	.02376	MRL2402
18	ICSAI	.00002	.04447	.00064	-.00089	.00061	.00074	-.00024	.00279	ICSAI
19	ICSAB1	1.0594	78.600	.47279	.87434	.95025	.55810	.47903	1.0129	ICSAB1
20	CCV1	.51129	61.969	.48900	2.3813	.50162	.50038	1.5230	2.6896	CCV1
21	CCB1	.00000	.03469	.00397	.00119	-.00068	.00091	-.00029	-.00014	CCB1
22	LP1076WB	.00026	-.03477	-.00003	.00161	-.00129	.00643	-.00078	-.00070	LP1076WB
23	LP1076WL	.49569	50.316	.44843	.47958	.47134	.48534	.49043	.53026	LP1076WL
24	LP1076WC	.47882	47.964	.44391	.45430	.45945	.47969	.47862	.51471	LP1076WC
25	2222777	.37368	171.75	.47705	.26243	.35708	.36013	.38614	.41738	2222777
26	1320-01	.00010	195.85	.19949	.00101	-.00025	.00424	.00707	.01116	1320-01
27	1320-01J	.00016	58.236	.04041	.00163	-.00041	.00101	.00186	.00157	1320-01J
28	1320-02	.00398	194.52	.21313	.00121	-.00097	.00781	.01334	.01561	1320-02
29	1320-03	.00001	187.81	.05693	.00095	-.00015	.00207	.00200	.00934	1320-03
30	1320-04	.00004	198.66	.05795	.00004	-.00039	.00179	.00109	.01201	1320-04
31	CCV2	.50959	61.374	.48517	2.3791	.50232	.49241	1.5266	2.6726	CCV2
32	CCB2	-.00013	.01402	.00007	.00077	-.00100	.00329	-.00004	-.00025	CCB2
33	LP1070SB	.00095	-.00374	.00005	.00142	.00335	.00110	-.00067	.00217	LP1070SB
34	LP1070SX	.49894	51.248	.45443	.49623	.51920	.49539	.5.632	.56330	LP1070SX
35	LP1070SY	.47966	49.992	.44841	.51354	.51095	.49304	.50021	.54133	LP1070SY
36	1296-01A	.46138	61.507	.69146	.49821	.62957	1.6260	.62641	1.1233	1296-01A
37	1296-01W	-.00157	.54636	.73301	-.00443	.00167	1.4139	.09403	.67596	1296-01W
38	1296-01J	-.00014	.10150	.04676	.00045	.00321	.29153	.01884	.12093	1296-01J
39	1320-01A	.51243	245.50	.67349	.49329	.45854	.51464	.54708	.56104	1320-01A
40	1320-01M	.50856	238.57	.65439	.49691	.47668	.49236	.49908	.53613	1320-01M
41	1320-01S	.6.499	243.57	.66401	.46414	.48527	.49934	.50359	.54509	1320-01S
42	CCV3	.51168	61.541	.48481	2.3741	.50783	.50139	1.5337	2.6733	CCV3
43	CCB3	.00019	.01425	.00002	.00116	-.00104	.00164	.00003	-.00026	CCB3
44	LP1073WB	.00010	-.00095	.00006	.00168	-.00175	.00316	-.00003	-.00046	LP1073WB
45	LP1073WL	.51300	51.798	.47111	.49477	.50058	.51327	.51203	.54709	LP1073WL
46	LP1073WC	.51371	55.331	.47186	.49785	.50349	.51790	.51626	.55163	LP1073WC
47	1375-02A	.49794	110.63	1.5099	.50089	.39102	.50555	.52027	.56138	1375-02A
48	1375-02	.00014	51.913	1.0903	.00172	.00563	.00371	-.00016	.00264	1375-02
49	1375-02J	.00021	11.545	.20523	.00149	.00336	.00155	-.00007	.00987	1375-02J
50	1375-02W	.50014	115.05	1.5831	.49908	.51550	.52845	.52413	.55993	1375-02W
51	1375-02S	.53368	112.60	1.5510	.49534	.53651	.51691	.51410	.54250	1375-02S
52	1375-01	-.00004	75.540	1.4615	.00090	-.00044	.00322	.00013	-.00050	1375-01
53	1377-24	.00025	.03299	.00046	.00126	-.00107	.00316	-.00001	.00024	1377-24
54	CCV4	.51179	62.195	.48801	2.3853	.50640	.49806	1.5454	2.6794	CCV4

55	[illegible]	.00090	.00238	.00005	.00159	-.00066	.00070	-.00002	-.00052	[illegible]	
56	1097-02	.00015	435.50	.04468	.00135	-.00077	.00444	.00092	.01503	1097-02	
57	1097-03	.00038	796.18*	.25642	.00081	-.00090	.00161	.00068	.02448	1097-03	
58	1097-05	.00015	1112.6*	.36527	.00049	.00070	.00282	.00496	.01446	1097-05	
59	1097-09	-.00001	672.56	.32890	.00062	-.00100	.00200	.00511	.00789	1097-09	
60	1097-10	.00021	563.59	.31933	.00120	.00103	.00887	.00296	.02462	1097-10	
61	1097-13	.00015	1620.8*	.07619	.00075	-.00058	.00385	.00253	.00170	1097-13	
62	1097-15	-.00005	187.83	.31142	.00092	.00056	.00767	.00164	.00153	1097-15	
63	1097-17	.00046	1462.3*	.30758	.00073	.00074	.00151	.00086	.02412	1097-17	
64	1091-01	-.00031	64.632	.39294	.00105	-.00084	.00305	.00011	-.00041	1091-01	
65	1091-02	.00014	787.40	3.1513	.00122	.00122	.00958	.00197	.04423	1091-02	
66	1085	.51344	62.494	.43934	2.3972	.50285	.49863	1.5280	2.6917	1085	
67	1085	.00002	.13603*	.00097	.00035	-.00096	.00064	-.00008	-.00010	1085	
68	1112-10	.00005	156.28	.18775	.00155	-.00128	.00093	.00426	.03260	1112-10	
69	1112-11	.00008	178.29	.29591	.00152	-.00101	.00194	.00414	.01155	1112-11	
70	1088-09	.00001	332.54	.46796	.00128	-.00116	.00149	.00236	.17537	1088-09	
71	1089-09	.00006	234.01	.46920	.00114	-.00098	.00171	.00212	.05546	1089-09	
72	1095-02	.00009	1.3968	.00122	.00148	-.00014	.00010	-.00004	.00255	1095-02	
73	1129-02	.00028	1149.5*	.32428	.00131	.00332	.00233	.00087	.00527	1129-02	
74	1129-04	.00013	1326.1*	.36151	.00349	.00075	.00300	.01429	.01469	1129-04	
75	1096	.51932	62.569	.40811	2.3892	.49792	.50113	1.5437	2.7024	1096	
76	1090	.00005	.15215*	-.00001	.00115	-.00198	.00061	-.00015	.00270	1090	
77	1910772B	.00031	.10744*	-.00029	.00166	-.00147	.00310	-.00026	-.00075	1910772B	
78	1910772L	.51505	54.225	.47581	.50160	.49423	.50640	.61407	.56116	1910772L	
79	1910772C	.51803	52.774	.47585	.50831	.49620	.51724	.61517	.55786	1910772C	
80	1120-01A	.46649	160.09	.92756	.49815	.28564	.43867	.54267	.58443	1120-01A	
81	1120-01	.00107	111.52	.47542	.00124	.01162	.00355	.01059	.01359	1120-01	
82	1120-01D	.00060	22.409	.09575	.00037	.00845	.00163	.00209	.00031	1120-01D	
83	1054B	.0002[illegible]	.19065	.30034	-.00074	.00168	.00045	-.00049	.00279	1054B	
84	1054B2	1.0907	81.460	.48407	.69771	.56491	.97590	.49353	1.0668	1054B2	
85	1097	.51932	62.902	.49080	2.3969	.49285	.50068	1.5458	2.7287	1097	
86	1087	.00002	.35445	-.00002	.00095	-.00053	.00058	-.00017	-.00037	1087	
87	1910752	.00019	.31679	.00009	.00155	-.00059	.00051	-.00028	.01482	1910752	
88	1910753A	.50935	51.335	.49551	.49941	.51417	.49779	.52509	.57057	1910753A	
89	1910753	.49029	51.129	.49499	.48118	.50420	.49326	.50679	.54919	1910753	
90	1296-01A	.48713	52.395	.70663	.50727	.52391	1.5262	.02825	1.2999	1296-01A	
91	1296-01	-.00065	.15718	.23663	.00475	.03064	1.4449	.05582	.62756	1296-01	
92	1296-01D	-.00009	.13785	.04737	-.00092	.0053[illegible]	.25120	.01906	.12042	1296-01D	
93	1221-04A	.51850	51.969	.55645	.50747	.52517	10.861	1.1655	.88553	1221-04A	
94	1221-04W	.00106	2.2674	.11474	.00074	.09886	10.766	.52169	.30778	1221-04W	
95	1221-04D	.00008	4.956	.02526	.00046	.03532	2.1277	.10279	.26129	1221-04D	
96	1098	.52159	64.233	.49896	2.4435	.49647	.49742	1.5294	2.7056	1098	
97	1098	.00002	.01529	-.00005	.00040	-.00138	.00171	.00016	-.00084	1098	
98	1910753	.00039	-.00946	.00007	.00155	-.00010	.00069	-.00020	-.00074	1910753	
99	1910755	.50708	53.139	.49411	.49878	.50642	.50143	.52176	.56416	1910755	
100	1910755C	.52850	62.965	.46327	.51079	.52745	.51647	.52469	.53854	1910755C	
101	1077-01A	.54756	57.396	.62654	.53552	.51716	11.427	1.2159	1.2132	1077-01A	
102	1077-01	.00119	4.0138	.35235	-.00102	.07737	11.126	.67935	.74715	1077-01	
103	1077-01D	.00019	.87561	.07237	.00039	.00481	2.2986	.10773	.15120	1077-01D	
104	1077-01P	.52164	56.958	.61047	.45603	.50539	12.692	1.3778	1.3111	1077-01P	
105	1077-01S	.52295	56.455	.62135	.45204	.49379	13.143	1.2941	1.3350	1077-01S	
106	1077-02	.00124	7.9896	.32107	.00238	.03037	6.1604	.56651	.76549	1077-02	
107	1077-03	.00163	3.9633	.26101	.00384	.02741	7.4165	.57634	.63741	1077-03	
108	1059	.52211	64.272	.49839	2.4039	.49417	.50066	1.5355	2.7124	1059	
109	1059	.00008	.03862	.00100	.00133	-.00105	.00249*	-.00007	.00048	1059	
110	1077-04	.00155	10.201	.34595	.00520	.02608	7.4912	.58746	.81722	1077-04	
111	1077-05	.00699	5.5383	.19432	.00178	.00317	6.3836	.67597	.45605	1077-05	

112	1077-06	.05249	14.970	.22516	.00163	.02431	6.1912	.59847	.30424		1077-06
113	1077-07	.00044	2.1203	.06399	-.00045	.02247	4.1602	.33401	.46651		1077-07
114	1077-08	.00042	2.1009	.07181	.00159	.02659	4.3220	.32888	.26479		1077-08
115	1077-09	.00053	1.4441	.06463	.00038	.02681	4.2963	.34595	.31473		1077-09
116	1077-10	.00054	1.7399	.04546	.00030	.02239	3.6718	.32056	.18741		1077-10
117	1077-11	.00115	24.873	.22315	.00118	.02890	5.4748	.49484	.58363		1077-11
118	1077-12	.00061	38.661	.35523	.00153	.02668	4.6905	.39774	.38075		1077-12
119	1077-13	.00024	16.893	.30372	.00068	.03580	7.0126	.55287	.74676		1077-13
120	CC410	.52236	65.116	.50163	2.4545	.49630	.49577	1.5270	2.7326		CC410
121	CC510	-.00002	-.00156	-.00002	.00109	-.00120	.00193	-.00015	.00006		CC510
122	1077-14	.06629	18.210	.09725	-.00063	.18428	4.6254	.42067	1.4725		1077-14
123	1077-15	.00058	2.6037	.07123	.00150	.02235	4.1139	.39658	.29904		1077-15
124	1077-16	.00070	2.5385	.07144	.00071	.02766	4.4273	.42947	.11973		1077-16
125	1077-17	.00073	1.6423	.09016	.00053	.02572	4.2967	.35442	.29019		1077-17
126	1077-18	.00092	2.4155	.09837	-.00018	.02494	3.7664	.34912	.21526		1077-18
127	1077-19	.00975	2.9992	.25651	-.00101	.04868	4.6295	.63874	1.0591		1077-19
128	1077-20	.00362	2.3410	.14965	-.00081	.05435	3.8487	.45697	.93210		1077-20
129	CC411	.52532	66.010	.50172	2.4578	.49278	.49609	1.5369	2.7181		CC411
130	CC511	.00010	-.00596	.00003	.00139	-.00101	.00165	-.00020	.00392		CC511
131	TX100656	.00085	339.66	.09189	-.00043	-.00082	.00090	-.00012	.00987		TX100656
132	1461-01A	.52883	331.03	1.6586	.49686	.48465	.49729	.52463	6.2358		1461-01A
133	1461-01	.00010	283.15	1.1983	-.00049	-.00071	.00405	.00178	5.8629		1461-01
134	1461-01B	.00002	92.659	.21536	.00065	-.00109	.00127	.00059	1.0517		1461-01B
135	1461-01M	.54713	354.19	1.7553	.47852	.48617	.50944	.52127	6.7534		1461-01M
136	1461-01S	.53626	353.25	1.7708	.47412	.48012	.50360	.50896	6.8409		1461-01S
137	1462-02	.00016	315.38	.00270	-.00004	.00085	.00129	.00005	2.2991		1462-02
138	1462-04	.00001	303.05	.00451	-.00070	-.00074	.00091	.00010	1.2838		1462-04
139	1484-01	.00046	303.41	.08544	.00038	-.00015	.00170	.00003	21.153		1484-01
140	CC412	.52288	64.917	.50278	2.4517	.49361	.49181	1.5302	2.7179		CC412
141	CC512	-.00007	.02747	-.00003	.00126	-.00085	.00067	-.00021	-.00052		CC512
142	TP106656	.00017	.05079	-.00054	.00175	-.00137	.00097	-.00041	.00079		TP106656
143	TP106651	.51584	55.013	.47935	.50435	.48188	.49756	.50941	.56555		TP106651
144	TP106650	.53033	54.737	.48939	.51157	.49399	.51038	.52027	.56490		TP106650
145	1235-01A	.52459	53.734	.50529	.52557	.49615	.51263	.55014	24.196		1235-01A
146	1235-01	-.00014	.05996	.02003	.00104	.00274	.00520	.00378	23.340		1235-01
147	1235-01B	-.00013	.02114	.00470	.00094	-.00055	.00118	.00067	4.3047		1235-01B
148	1235-01M	.05121	5.5444	.03621	.15231	.05015	.05376	.05407	10.443		1235-01M
149	1235-01S	.05088	5.7167	.07132	.05180	.05166	.05469	.05433	15.392		1235-01S
150	1235-02	.00012	.04980	.01679	.00077	.00224	.01361	.00474	10.124		1235-02
151	1235-03	-.00010	.02842	.03227	.00030	.00236	.01706	.00670	5.4910		1235-03
152	CC413	.52540	66.249	.50219	2.4561	.49160	.49545	1.5379	2.7120		CC413
153	CC513	.00104	.00069	.00002	.00147	-.00116	.00204	-.00017	.00022		CC513
154	1235-04	-.00010	.05647	.01135	.00037	.00198	.00384	.00162	3.6403		1235-04
155	1235-05	-.00004	.05482	.01657	.00015	.00213	.00943	.00729	5.5232		1235-05
156	1235-06	-.00027	.05084	.01269	.00154	.00166	.00235	.00055	4.3908		1235-06
157	1235-07	-.00032	.04929	.02127	.00085	.00040	.00297	.00112	6.3346		1235-07
158	1235-08	-.00011	.04155	.01040	.00065	.00143	.00268	.00167	4.4865		1235-08
159	1235-09	-.00005	.05054	.02341	.00019	.00141	.00406	.00148	7.5708		1235-09
160	1235-10	-.00011	.06624	.02969	-.00037	.00174	.00457	.00187	12.564		1235-10
161	1235-11	-.00014	.04566	.02772	.00044	.00155	.00355	.00103	1.7621		1235-11
162	1235-12	-.00018	.04332	.02595	.00041	.00142	.00418	.00079	2.8651		1235-12
163	1235-14	-.00016	.04145	.07586	.00034	.00189	.09664	.00359	26.031		1235-14
164	CC414	.52367	65.161	.50274	2.4553	.49372	.49975	1.5325	2.7139		CC414
165	CC514	.00009	.00475	-.00003	.00135	-.00099	.00268	-.00012	-.00116		CC514
166	1235-15	-.00004	.03807	.01339	.00034	.00223	.00345	.00169	18.813		1235-15
167	1235-16	.00016	.03953	.01929	.00032	.00254	.00438	.00266	12.632		1235-16
168	1235-17	-.00018	.04495	.02155	.00020	.00213	.00837	.00397	10.925		1235-17

169	I235-18T	.00006	.05455	.01944	.00066	.00348	.02251	.01539	22.228	I235-18T
170	I235-19T	-.00018	.03549	.03234	.00059	.00222	.01148	.00525	11.177	I235-19T
171	I235-20T	-.00017	.02970	.01581	.00030	.00177	.00286	.00149	10.483	I235-20T
172	I235-21T	-.00003	.03059	.01203	.00051	.00186	.00922	.00392	12.030	I235-21T
173	CCV15	.52402	65.049	.50351	2.4642	.49484	.49265	1.5328	2.7047	CCV15
174	CCB15	-.00002	-.00156	-.00011	.00127	-.00080	.00084	-.00009	-.00122	CCB15
175	IPI075SB	.00001	-.00632	.00006	.00188	-.00066	.00024	-.00020	-.00016	IPI075SB
176	IPI075SL	.50247	55.088	.47852	.49762	.51375	.49783	.51390	.56314	IPI075SL
177	IPI075SC	.50311	53.965	.48051	.50129	.51796	.50106	.51229	.57039	IPI075SC
178	I187-01A	.50849	53.613	.59114	.52045	.53386	.97734	.71390	24.454	I187-01A
179	I187-01	.00058	.64508	.10564	.00057	.04492	.48866	.18382	24.197	I187-01
180	I187-01J	.00010	.13228	.02143	.00046	.00807	.10302	.03710	5.0602	I187-01J
181	I187-01M	.48212	51.877	.58495	.46014	.51636	1.0616	.67853	24.019	I187-01M
182	I187-01S	.49645	53.402	.60182	.47287	.53082	1.0944	.69729	24.690	I187-01S
183	I187-02	.00070	.50216	.09401	.00209	.03347	.55724	.23670	6.0170	I187-02
184	I187-03	.00041	.23550	.10660	.00029	.02446	.52937	.19473	1.1856	I187-03
185	CCV16	.52539	65.483	.50548	2.4737	.49442	.49178	1.5332	2.7070	CCV16
186	CCB16	-.00003	-.00562	-.00002	.00139	-.00094	.00051	-.00012	-.00124	CCB16
187	I187-04	.00049	.33340	.12049	.00036	.02679	.54315	.22523	.79745	I187-04
188	I187-05	.00052	.19288	.07663	.00109	.03017	1.3742	.31823	.50664	I187-05
189	I187-06	.00085	.39660	.16657	.00218	.03554	.90181	.25060	4.9605	I187-06
190	I187-07	.00073	.41566	.10972	.00569	.03246	1.0051	.29068	.59104	I187-07
191	I187-08	.00034	.27001	.06050	-.00042	.03001	.39086	.16875	4.7382	I187-08
192	I187-09	.00036	1.0920	.05844	-.00023	.03276	.42944	.27186	1.3943	I187-09
193	I187-10	.00051	.32277	.06947	-.00154	.02079	.28246	.28352	8.4803	I187-10
194	ICSA3	.00095	.05030	.00059	-.00108	.00036	.00271	-.00076	.00300	ICSA3
195	ICSAB3	1.0873	83.453	.48903	.90173	.92853	.93413	.47951	1.0321	ICSAB3
196	CCV17	.52546	65.631	.50449	2.4667	.49345	.49263	1.5350	2.7166	CCV17
197	CCB17	.00004	.00057	-.00004	.00161	-.00096	.00081	-.00010	-.00118	CCB17
198	IPI071SB	.00012	-.00971	.00004	.00164	-.00056	.00007	-.00012	-.00031	IPI071SB
199	IPI071SL	.51411	53.894	.48526	.50994	.52765	.50310	.52497	.57344	IPI071SL
200	IPI071SC	.50188	53.761	.47375	.49676	.51240	.49182	.50792	.55438	IPI071SC
201	I235-01A	.56180	57.416	.81419	.51591	.52059	.55896	.59414	126.31*	I235-01A
202	I235-01	.00029	.51890	.32827	-.00056	.03400	.06236	.05264	129.32*	I235-01
203	I235-01J	-.00003	.10266	.06614	-.00014	.00584	.01808	.01023	40.089*	I235-01J
204	I235-01M	.53889	57.434	.82918	.46460	.51120	.52257	.54744	133.08*	I235-01M
205	I235-01S	.53947	57.049	.80449	.46761	.51293	.51856	.54646	129.25*	I235-01S
206	I235-02	.00011	.48370	.26737	.00183	.02362	.10027	.04515	98.237*	I235-02
207	I235-03	.00091	.33496	.17150	.00262	.03805	.25206	.10540	104.48*	I235-03
208	CCV18	.52760	66.207*	.50940	2.4885	.49000	.48859	1.5302	2.7133	CCV18
209	CCB18	-.00004	.00584	-.00005	.00099	-.00089	.00077	-.00023	.00032	CCB18
210	I235-04	.00052	.89688	.28408	.00118	.03218	.07298	.05329	102.54*	I235-04
211	I235-05	.00030	.99054	.42962	.00003	.03064	.05417	.04859	101.70*	I235-05
212	I235-06	.00026	.85250	.40012	.00137	.03258	.02791	.03436	111.64*	I235-06
213	I235-07	.00017	.93511	.48474	.00005	.03958	.02284	.02955	131.27*	I235-07
214	I235-08	.00017	.81725	.36412	.00024	.02888	.03138	.04610	111.03*	I235-08
215	I235-09	-.00023	.64653	.48112	-.00220	.00506	.03065	.03072	112.98*	I235-09
216	I235-10	-.00119	.77755	.57472	-.00267	.00117	-.00627	.03710	101.48*	I235-10
217	I235-11	-.00064	.50264	.46278	-.00295	.00221	.01039	.01722	55.762*	I235-11
218	I235-12	-.00073	.48846	.45386	-.00249	.00120	.01128	.01667	54.451*	I235-12
219	CCV19	-.00008*	.00304*	-.00002*	.00056*	-.00105*	.00035*	-.00008*	.00096*	CCV19
220	CCB19	-1.9451*	-205.18*	2.3654*	2.0810*	-.06652*	7.0874*	6.7925*	-.77769*	CCB19
221	I235-15	-.00002	.54335	.29754	-.00151	.00603	.03919	.04622	141.73*	I235-15
222	I235-16	.00022	.50501	.30012	-.00111	.00694	.04845	.04790	136.33*	I235-16
223	I235-17	-.00004	.48470	.29598	.00000	.00619	.06220	.04973	134.60*	I235-17
224	I235-18	.00073	.51277	.23012	.00013	.01165	.14764	.11516	143.35*	I235-18
225	I235-19	.00026	.49120	.28926	-.00128	.00787	.11533	.08717	124.87*	I235-19

226	1235-20	.00013	.48201	27628	-.00030	.01247	.04446	.04365	136.73*	1235-20
227	1235-21	.00025	.50305	.25023	-.00118	.00984	.06690	.05210	137.42*	1235-21
228	00420	.57624	66.729*	.55537	2.4695	.49357	.48888	1.5306	2.7112	00420
229	00821	.00004	-.00090	.00024	.00130	-.00099	.00070	.00014	.00098	00820
230	1235-04W	.00054	.88051	.29567	.00048	.03150	.05663	.05246	102.45*	1235-04W
231	1235-05W	.00032	.53133	.41884	.00064	.02937	.02830	.04595	96.395*	1235-05W
232	1235-06W	.00051	.83542	.39657	.00045	.03195	.01831	.03368	102.54*	1235-06W
233	1235-07W	.00027	.50154	.45975	-.00010	.02572	.01094	.02798	128.19*	1235-07W
234	1235-08W	.00022	.80256	.35027	.00035	.02916	.07050	.04599	111.59*	1235-08W
235	1235-09W	.00007	.63945	.48044	-.00232	.00480	.01978	.02089	111.80*	1235-09W
236	1235-10W	-.00016	.79813	.58113	-.00056	.00113	-.01597*	.03545	102.73*	1235-10W
237	1235-11W	-.00070	.51443	.47275	-.00197	.00251	.00415	.01694	55.654*	1235-11W
238	1235-12W	-.00063	.48058	.45194	-.00273	.00132	.00223	.01566	63.812*	1235-12W
239	00921	.50884	53.123	.48491	2.3539	.47473	.47851	1.5024	2.6312	00921
240	00821	-.00008	-.00784	-.00005	.00105	.00105	.00076	-.00015	.00045	00821
241	1235-15W	.00005	.53424	.29579	.00088	.00558	.03398	.04615	142.25*	1235-15W
242	1235-16W	-.00007	.49651	.39041	-.00136	.00871	.03806	.04771	137.70*	1235-16W
243	1235-17W	-.00012	.48281	.29591	-.00087	.00564	.05287	.04962	134.94*	1235-17W
244	1235-18W	.00082	.52661	.23457	.00306	.01253	.14603	.11525	145.97*	1235-18W
245	1235-19W	.00023	.49740	.29067	-.00039	.00831	.10772	.09687	127.42*	1235-19W
246	1235-20W	.00027	.49312	.27753	-.00062	.01281	.04115	.04311	136.47*	1235-20W
247	1235-21W	.00031	.49431	.26052	.00056	.00830	.06431	.05252	141.57*	1235-21W
248	00922	.51281	53.555	.48752	2.2681	.47505	.48295	1.5204	2.6459	00922
249	00822	.00006	-.00106	.00004	.00079	-.00397	.00060	-.00011	.00366	00822
[N3(	.SID	Mg	Na	Sr	Ti	Sn	Ni	V	Zr	.SID

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/28/10 15:30
End Date: 9/29/10 13:06

Book #: ADS-016
Instrument No.: D8
Analytical Batch: 1D8J029
Analytical Sequence: S_106010 (U41)
Method File: 106010 (U41)
Database: Emax12

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:
- 3461-01 → 04 Fe 210R
Fe is interfering element for several analytes
- 3364-05 Zn 210R

	STANDARDS ID		STANDARDS ID
S0	SMIB14-05-01	S30	SMIB14-02-03
S1	NA	S31	02-04
S3		ICV	SMIB129H02
S5		CCV	SMIB12-09-02
S4		ICSA	06-01
S5		ICSAB	03-03
S6		CRI/MRL	NA
S7		LCV	
S8		MLCV	
S9		MRL1,3-9	SMIB12-85-01
S10		MRL2	84-01
S13			
S12			
S16			
S17			
S18			
S20	SMIB12-100-05		
S21	SMIB14 01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SMIB12-100-02		
S27	100-03		
S28	SMIB14-02-01		
S29	02-02		

Analyzed By: TH
Date: 9/29/10

SEQUENCE FILE : ID8I029

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
ID8I029001	Blank	15:30	09/28/10	1.000
ID8I029002	S20	15:35	09/28/10	1.000
ID8I029003	S21	15:40	09/28/10	1.000
ID8I029004	S22	15:45	09/28/10	1.000
ID8I029005	S23	15:50	09/28/10	1.000
ID8I029006	S24	15:56	09/28/10	1.000
ID8I029007	S25	16:01	09/28/10	1.000
ID8I029008	S26	16:06	09/28/10	1.000
ID8I029009	S27	16:11	09/28/10	1.000
ID8I029010	S28	16:17	09/28/10	1.000
ID8I029011	S29	16:22	09/28/10	1.000
ID8I029012	S30	16:27	09/28/10	1.000
ID8I029013	S31	16:32	09/28/10	1.000
ID8I029014	ICV	16:37	09/28/10	1.000
ID8I029015	ICB	16:42	09/28/10	1.000
ID8I029016	MRLI2901	16:47	09/28/10	1.000
ID8I029017	ZZZZ	16:52	09/28/10	1.000
ID8I029018	ICSA1	16:57	09/28/10	1.000
ID8I029019	ICSAB1	17:02	09/28/10	1.000
ID8I029020	CCV1	17:11	09/28/10	1.000
ID8I029021	CCB1	17:16	09/28/10	1.000
ID8I029022	MRLI2902	17:24	09/28/10	1.000
ID8I029023	IPI090WQ	17:29	09/28/10	1.000
ID8I029024	IPI090WX	17:35	09/28/10	1.000
ID8I029025	IPI090WY	17:39	09/28/10	1.000
ID8I029026	I173-02A	17:44	09/28/10	1.000
ID8I029027	I173-02W	17:49	09/28/10	1.000
ID8I029028	I173-02J	17:54	09/28/10	5.000
ID8I029029	CCV2	18:04	09/28/10	1.000
ID8I029030	CCB2	18:08	09/28/10	1.000
ID8I029031	I120-01A	18:14	09/28/10	1.000
ID8I029032	I120-01W	18:19	09/28/10	1.000
ID8I029033	I120-01J	18:24	09/28/10	5.000
ID8I029034	I249-03	18:29	09/28/10	1.000
ID8I029035	I148-01T	18:34	09/28/10	5.000
ID8I029036	I148-01M	18:39	09/28/10	5.000
ID8I029037	I148-01S	18:45	09/28/10	5.000
ID8I029038	I148-02T	18:50	09/28/10	5.000
ID8I029039	I148-03T	18:55	09/28/10	5.000
ID8I029040	I148-04T	19:01	09/28/10	5.000
ID8I029041	CCV3	19:10	09/28/10	1.000
ID8I029042	CCB3	19:15	09/28/10	1.000
ID8I029043	I244-02W	19:20	09/28/10	1.000
ID8I029044	I244-03W	19:25	09/28/10	1.000
ID8I029045	I244-04W	19:30	09/28/10	1.000
ID8I029046	I244-05W	19:36	09/28/10	1.000
ID8I029047	I244-02T	19:41	09/28/10	10.00
ID8I029048	I244-04T	19:46	09/28/10	10.00
ID8I029049	ICSA2	19:55	09/28/10	1.000
ID8I029050	ICSAB2	20:01	09/28/10	1.000
ID8I029051	CCV4	20:10	09/28/10	1.000
ID8I029052	CCB4	20:15	09/28/10	1.000
ID8I029053	IPI078WQ	20:20	09/28/10	1.000

ID8I029054	IPI078WX	20:25	09/28/10	1.000
ID8I029055	IPI078WY	20:30	09/28/10	1.000
ID8I029056	I128-01A	20:34	09/28/10	5.000
ID8I029057	I128-01T	20:39	09/28/10	5.000
ID8I029058	I128-01J	20:45	09/28/10	25.00
ID8I029059	I128-01M	20:50	09/28/10	5.000
ID8I029060	I128-01S	20:55	09/28/10	5.000
ID8I029061	I128-03T	21:00	09/28/10	5.000
ID8I029062	I128-05T	21:05	09/28/10	5.000
ID8I029063	CCV5	21:14	09/28/10	1.000
ID8I029064	CCB5	21:19	09/28/10	1.000
ID8I029065	I128-07T	21:24	09/28/10	5.000
ID8I029066	I128-09T	21:29	09/28/10	5.000
ID8I029067	I128-11T	21:34	09/28/10	5.000
ID8I029068	I128-13	21:40	09/28/10	1.000
ID8I029069	I128-15	21:45	09/28/10	1.000
ID8I029070	I128-17T	21:50	09/28/10	5.000
ID8I029071	I128-19T	21:55	09/28/10	5.000
ID8I029072	CCV6	22:04	09/28/10	1.000
ID8I029073	CCB6	22:09	09/28/10	1.000
ID8I029074	I128-02T	22:14	09/28/10	5.000
ID8I029075	I128-04T	22:19	09/28/10	5.000
ID8I029076	I128-06T	22:24	09/28/10	5.000
ID8I029077	I128-08T	22:30	09/28/10	5.000
ID8I029078	I128-10T	22:35	09/28/10	5.000
ID8I029079	I128-12T	22:40	09/28/10	5.000
ID8I029080	I128-14	22:45	09/28/10	1.000
ID8I029081	I128-16	22:50	09/28/10	1.000
ID8I029082	I128-18T	22:55	09/28/10	5.000
ID8I029083	I128-20T	23:00	09/28/10	5.000
ID8I029084	CCV7	23:10	09/28/10	1.000
ID8I029085	CCB7	23:15	09/28/10	1.000
ID8I029086	MRLI2903	23:22	09/28/10	1.000
ID8I029087	CCV8	23:27	09/28/10	1.000
ID8I029088	CCB8	23:32	09/28/10	1.000
ID8I029089	I130-01A	23:37	09/28/10	5.000
ID8I029090	I130-01I	23:42	09/28/10	5.000
ID8I029091	I130-01J	23:47	D9/28/10	25.00
ID8I029092	I130-01M	23:52	09/28/10	5.000
ID8I029093	I130-01S	23:57	09/28/10	5.000
ID8I029094	I130-02I	00:02	09/29/10	5.000
ID8I029095	I130-03I	00:07	09/29/10	5.000
ID8I029096	I130-04I	00:12	09/29/10	5.000
ID8I029097	I130-05I	00:17	09/29/10	5.000
ID8I029098	MRLI2904	00:26	09/29/10	1.000
ID8I029099	CCV9	00:31	09/29/10	1.000
ID8I029100	CCB9	00:36	09/29/10	1.000
ID8I029101	I130-06I	00:41	09/29/10	5.000
ID8I029102	I130-07I	00:46	09/29/10	5.000
ID8I029103	I130-08I	00:51	09/29/10	5.000
ID8ID29104	I130-09I	00:56	09/29/10	5.000
ID8ID29105	ZZZZZZZ	01:01	09/29/10	1.000
ID8I029106	I130-11I	01:06	09/29/10	5.000
ID8I029107	I130-12I	01:11	09/29/10	5.000
ID8I029108	I130-13I	01:16	09/29/10	5.000
ID8I029109	I130-14I	01:21	09/29/10	5.000

ID8I029110	MRLI2905	01:30	09/29/10	1.000
ID8I029111	CCV10	01:35	09/29/10	1.000
ID8I029112	CCB10	01:40	09/29/10	1.000
ID8I029113	I130-01A	01:45	09/29/10	1.000
ID8I029114	I130-01	01:50	09/29/10	1.000
ID8I029115	I130-01J	01:55	09/29/10	5.000
ID8I029116	I130-01M	02:00	09/29/10	1.000
ID8I029117	I130-01S	02:06	09/29/10	1.000
ID8I029118	I130-03	02:11	09/29/10	1.000
ID8I029119	I130-05	02:16	09/29/10	1.000
ID8I029120	I130-06	02:21	09/29/10	1.000
ID8I029121	I130-09	02:26	09/29/10	1.000
ID8I029122	MRLI2906	02:36	09/29/10	1.000
ID8I029123	CCV11	02:41	09/29/10	1.000
ID8I029124	CCB11	02:46	09/29/10	1.000
ID8I029125	I130-10	02:51	09/29/10	1.000
ID8I029126	MRLI2907	03:00	09/29/10	1.000
ID8I029127	ICSA3	03:05	09/29/10	1.000
ID8I029128	ICSAB3	03:11	09/29/10	1.000
ID8I029129	CCV12	03:20	09/29/10	1.000
ID8I029130	CCB12	03:25	09/29/10	1.000
ID8I029131	ZZZZ	03:30	09/29/10	1.000
ID8I029132	ZZZZ	03:35	09/29/10	1.000
ID8I029133	ZZZZ	03:40	09/29/10	1.000
ID8I029134	ZZZZ	03:45	09/29/10	1.000
ID8I029135	ZZZZ	03:50	09/29/10	1.000
ID8I029136	CCV13	03:59	09/29/10	1.000
ID8I029137	CCB13	04:04	09/29/10	1.000
ID8I029138	IPI091SB	04:09	09/29/10	1.000
ID8I029139	IPI091SL	04:14	09/29/10	1.000
ID8I029140	IPI091SC	04:19	09/29/10	1.000
ID8I029141	I354-01A	04:24	09/29/10	1.000
ID8I029142	I354-01	04:29	09/29/10	1.000
ID8I029143	I354-01J	04:34	09/29/10	5.000
ID8I029144	I354-02	04:39	09/29/10	1.000
ID8I029145	I354-03	04:44	09/29/10	1.000
ID8I029146	I354-04	04:49	09/29/10	1.000
ID8I029147	CCV14	04:57	09/29/10	1.000
ID8I029148	CCB14	05:02	09/29/10	1.000
ID8I029149	IPI086SB	05:08	09/29/10	1.000
ID8I029150	IPI086SL	05:13	09/29/10	1.000
ID8I029151	IPI086SC	05:17	09/29/10	1.000
ID8I029152	I199-04A	05:22	09/29/10	1.000
ID8I029153	I199-04	05:27	09/29/10	1.000
ID8I029154	I199-04J	05:32	09/29/10	5.000
ID8I029155	I199-04M	05:37	09/29/10	1.000
ID8I029156	I199-04S	05:42	09/29/10	1.000
ID8I029157	I199-01	05:47	09/29/10	1.000
ID8I029158	I199-02	05:52	09/29/10	1.000
ID8I029159	CCV15	06:01	09/29/10	1.000
ID8I029160	CCB15	06:06	09/29/10	1.000
ID8I029161	I199-03	06:11	09/29/10	1.000
ID8I029162	I199-05	06:16	09/29/10	1.000
ID8I029163	I199-06	06:21	09/29/10	1.000
ID8I029164	I199-07	06:26	09/29/10	1.000
ID8I029165	I199-08	06:31	09/29/10	1.000

ID81029166	I199-09	06:36	09/29/10	1.000
ID81029167	I199-10	06:41	09/29/10	1.000
ID81029168	I199-11	06:46	09/29/10	1.000
ID81029169	I199-12	06:51	09/29/10	1.000
ID81029170	I199-13	06:56	09/29/10	1.000
ID81029171	CCV16	07:05	09/29/10	1.000
ID81029172	CCB16	07:10	09/29/10	1.000
ID81029173	I199-14	07:15	09/29/10	1.000
ID81029174	I199-15	07:20	09/29/10	1.000
ID81029175	I199-16	07:25	09/29/10	1.000
ID81029176	I199-17	07:30	09/29/10	1.000
ID81029177	I199-18	07:35	09/29/10	1.000
ID81029178	I199-19	07:40	09/29/10	1.000
ID81029179	I322-02I	07:45	09/29/10	10.00
ID81029180	CCV17	07:54	09/29/10	1.000
ID81029181	CCB17	07:59	09/29/10	1.000
ID81029182	IPI089SB	08:05	09/29/10	1.000
ID81029183	IPI089SL	08:10	09/29/10	1.000
ID81029184	IPI089SC	08:15	09/29/10	1.000
ID81029185	I379-01A	08:19	09/29/10	1.000
ID81029186	I379-01	08:25	09/29/10	1.000
ID81029187	I379-01J	08:30	09/29/10	5.000
ID81029188	I379-02	08:35	09/29/10	1.000
ID81029189	I461-01	08:40	09/29/10	1.000
ID81029190	I461-02	08:46	09/29/10	1.000
ID81029191	I461-03	08:52	09/29/10	1.000
ID81029192	CCV18	09:01	09/29/10	1.000
ID81029193	CCB18	09:06	09/29/10	1.000
ID81029194	I461-04	09:11	09/29/10	1.000
ID81029195	I364-01	09:17	09/29/10	1.000
ID81029196	I364-02	09:22	09/29/10	1.000
ID81029197	I364-03	09:27	09/29/10	1.000
ID81029198	I364-04	09:32	09/29/10	1.000
ID81029199	I364-05	09:37	09/29/10	1.000
ID81029200	I256-01	09:42	09/29/10	1.000
ID81029201	I256-02	09:47	09/29/10	1.000
ID81029202	I256-03	09:52	09/29/10	1.000
ID81029203	CCV19	10:01	09/29/10	1.000
ID81029204	CCB19	10:06	09/29/10	1.000
ID81029205	I256-04	10:11	09/29/10	1.000
ID81029206	I256-05	10:16	09/29/10	1.000
ID81029207	I256-06	10:21	09/29/10	1.000
ID81029208	I256-07	10:26	09/29/10	1.000
ID81029209	I256-08	10:31	09/29/10	1.000
ID81029210	I256-09	10:36	09/29/10	1.000
ID81029211	I256-09R	10:41	09/29/10	1.000
ID81029212	I256-09S	10:46	09/29/10	1.000
ID81029213	CCV20	10:55	09/29/10	1.000
ID81029214	CCB20	11:00	09/29/10	1.000
ID81029215	RRL12938	11:05	09/29/10	1.000
ID81029216	CCV21	11:10	09/29/10	1.000
ID81029217	CCB21	11:15	09/29/10	1.000
ID81029218	I130-01I	11:20	09/29/10	5.000
ID81029219	I120-01A	11:25	09/29/10	1.000
ID81029220	I120-01W	11:30	09/29/10	1.000
ID81029221	I120-01J	11:36	09/29/10	5.000

1081029222	1148-02	11:41	09/29/10	1.000
1081029223	1148-03	11:46	09/29/10	1.000
1081029224	KR_12969	11:56	09/29/10	1.000
1081029225	1148-04	12:02	09/29/10	1.000
1081029226	CCV22	12:07	09/29/10	1.000
1081029227	CCB22	12:12	09/29/10	1.000
1081029228	CEJ0C1SB	12:17	09/29/10	1.000
1081029229	1172-06A	12:22	09/29/10	1.000
1081029230	1172-06	12:27	09/29/10	1.000
1081029231	1172-06D	12:32	09/29/10	1.000
1081029232	1172-06J	12:37	09/29/10	5.000
1081029233	1CSA4	12:46	09/29/10	1.000
1081029234	1CSA84	12:52	09/29/10	1.000
1081029235	CCV23	13:01	09/29/10	1.000
1081029236	CCB23	13:06	09/29/10	1.000

VERSION : 10A UNIT : % SUMMARY of IEV and CCV - 1001099 DATE : 09/23/10 INST : EMAX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
104	105	104	102	103	105	100	101	105	103	97	102	100	97	102	96	97	104	102	104	104	102	106	100	100	100	101	102	102
108	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MBL1293	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
777	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	101	----	----	----	----	----	----	97	--	----	--	94	----	----	96	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	100	104	108	103	96	97	99	95	92	94	102	90	92	103	93	90	103	98	104	102	104	108	96	93	97	97	94	98
CCV1	102	102	99	99	107	101	98	103	101	95	103	97	95	99	92	94	102	95	105	101	99	103	97	97	98	99	98	103
CCB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MBL1297	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPC2302	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPC2303	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPC2304	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1173-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1173-02W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1173-02S	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	104	103	101	105	103	107	99	105	102	96	101	99	96	101	94	96	103	100	101	102	100	105	98	96	99	100	100	101
CCB2	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1220-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1220-01W	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1220-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1249-03	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-01T	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-02T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-02P	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	106	104	104	103	104	104	100	107	105	96	102	101	97	102	96	98	104	101	101	105	102	108	100	100	100	101	102	103
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-02W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-03A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-03W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1244-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA2	98	----	----	----	----	----	----	99	--	----	----	97	----	----	96	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB2	99	103	105	104	95	103	97	96	96	91	102	97	91	103	96	93	101	96	107	105	105	113	97	92	95	96	96	99
CCV4	105	104	106	103	104	105	100	107	106	96	102	101	97	102	95	98	104	101	105	105	102	108	100	100	99	101	102	103
CCB4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPC078MD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPC078WS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1199-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
00V6	102	102	103	104	100	103	99	104	103	95	102	98	95	104	93	93	103	100	106	105	101	109	109	100	96	99	100	102
00316	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1322-02T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
00V7	103	102	103	105	107	104	96	103	103	95	103	98	96	105	93	93	104	100	108	105	102	110	101	100	97	99	100	101
00817	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1310896B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1310896	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1310896C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
00V8	103	104	103	105	99	105	99	106	105	95	104	101	96	104	91	95	104	100	106	107	102	113*	102	101	97	100	103	101
00813	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1461-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
00V9	103	102	103	104	100	103	95	103	103	95	102	99	94	104	92	93	104	101	107	104	101	103	100	100	97	99	100	100
00919	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-10A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-10B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV20	103	102	102	103	101	102	99	103	102	95	101	99	95	103	91	93	103	100	109	104	101	102	100	99	98	99	100	101
CCB20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
NBL12W9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV21	104	102	103	103	103	103	99	104	103	95	102	101	95	103	91	93	102	100	105	104	101	109	100	99	98	98	100	101
CCB21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T120-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T120-01B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T120-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T120-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T148-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T148-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MAL12W9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
T148-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

2D692	103	102	101	103	101	102	99	104	102	96	102	98	96	103	52	92	103	101	106	102	100	110	109	99	99	98	99	100
2D822		----	----	----	----	----	----	--	--	----	--	--	----	----	-- -	----	----	----	----	----	----	----	----	----	----	----	----	----
09100159	----	----	---	-	----	----	---	----	----	----	----	----	---	----	----	----	----	-		----	----	----	-	---	----	----	-	
1172-064	----	--	----	----	- --	----	--	---	----	- --	- --	----	----	----	---	-	----	----	----	--	----	----	----	----	---	----	----	----
1172-06	----	---	-		----	----	- --	----	----	----	----	----	--	----	----	----	----	-	----	----	----	----	----	----	-- -	----	----	----
1172-062	----	----	----	----	----	----	----	- -	----	----	---	-- -	----		---	----	----	-	----	----	----	-	-	---	----	---	----	----
1172-065	- -	----	----	----	----	----	- --	- -	----	--	---	----	----	---	- -	----	----	----	--	----	----	----	----	---	-	----	----	----
2D544	101	---	----	----	----	----	----	102	--	--	----	103	-- -	----	97	----	----	----	----	----	----	----	----	---	-	----	----	----
2D5A94	101	102	104	106	96	101	98	102	98	92	100	100	92	104	97	99	100	97	112	104	106	114	95	92	97	98	97	102
2D7D1	105	102	104	101	102	102	98	109	106	92	97	105	95	101	99	94	98	98	107	103	101	109	98	95	96	100	102	104
2D823	---	-	---	----	----	---	- --	----	--	----	----	--	- -	----	----	----	----	----	----	----	----	----	----	---	- -		----	----

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* . Out of QC Limit

VERSION : ICA UNIT UG/L SUMMARY of CALIBRATION BLANKS . 1381029 (WATER) DATE : 09/28/13 INST : P929

ANALYTE	Al	Sb	As	Ba	Be	B	Ca	Ce	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----		---	----	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	---	-		---	----	----	---	---	---	----	----	--	----	----	----	----	----	----	---	----	----	---	----	----	----	---	----	----
S21	----	-		----	----	----	----	---	---	----	----	----	----	----		----	----	----	---	--	-	----	----	----	----	----	---	---
S22	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----
S23		----	----	----	----	----	----	----	----	----	-		-	----	----	----	----	----	-	----	----	----	----	---		-	-	-
S24	----	----		-	----	----	----	----	----	-	----	----	----	----		----	----	----	----	-	----	----	----	---	----	----	----	----
S25	----	----	----	----	-	----	----	----	---	-	----	----	----	----	----	----	----	----	----	-	----	----	----	---	----	----	----	----
S26	---	---	-	----	----	----	----	----	---	----	----	----	----	----	---	----	---	----	----	---	----	----	----	---	----	----	--	----
S27	----	----	----		----	----	----	----	----	----	----	----	----	---	----	----		----	----	----	----	----	----	---	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----		----	----	----	----	---	----	----	----	----
S29	----	----	----	----	----	-	-	---	----	----	----	----	----	----	----	-	----	----	----	-	----	----	----	---		---	----	----
S30	----	----	----	--	----	----	----	----	----	----	----			----	----	----	---	---	----	----	--	----	----	---	----	---	---	--
S31	---	----	----	----	----	----	----	----	---		----	----	----	----	----	----	----	----	----	---	--	----	----	----		---	----	----
105	----	---	---		---	---	----	---	----	----	----	----		--	--	----	----	---	--	----	---	---	--	----	----	---	---	---
106	2.05	11.3	-1.34	130	.590	1.93	-.041	26.3	.059	-.090	-.070	933	-.170	-.331	9.71	.220	1.25	.120	47.9	1.15	.110	-8.28	910	1.29	-.470	.460	-.180	363
MR_12SOL	----	----	---		----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----
7777	----	----	----	----				--	----	----	----	----	----	----	--	----	----	----	--	----	----		----	----	----	----	--	
ICSA1	---	3.66	-7.25	.230	-.102	-3.37	-2.67	----	-.630	-.931	-.365	----	-5.45	-8.13	----	9.32	-2.60	620	98.4	5.64	-.220	53.6	.553	.490	950	2.17	-.540	5.46
ICSAB1	----	----	----	---	----	----	----	---	----	----	----	---		---	--	----	----	----		----	----	---		---	--	----	----	----
CCV1	---	---	----	----	----	----	----	---	----	----			---	----	---	----	---	---	---	----	----		---	---	----	--	-	-
CCB1	2.35	7.63	.360	260	.310	959	-.020	1.77	.169	-.320	-.030	-.450	.159	.443	4.56	.108	1.77	-.030	57.0	.120	.150	-8.61	.023	1.40	-.169	.590	-.010	3.69
MR_12PS2	----	----	--	----	----	----	----	----	----	----		----	----	----	----	----	----	----	----	---	--	----	----	----	----	----	----	----
IP1299W0	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	--		----
IP1299W3		----	----	----	----	----	----	-		----	----	----	----	----	-	--	---	----	----	----	----	-	----	----	----	----	---	
IP1299W4	---		----	--	----	----	----	----	-		--	----	---	----	----		----	----	---	---	---	----		--	----	----	----	--
1173-03A	----	----	--	--	---	---			--	----	----	----	---	----	-	----	----	--	----	----	----	----	----	---	--	--	--	----
1173-02W	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----		----	----	----	---	----	----	----	----	----
1173-02T	----	----	----	----	----	----	----	----	----	----	----	-		----	----	----	---	----	----	----	----	-	----	----	----	---		---
1092	----		--	----	----	----	----	----	----		----	----			----	----	-	----	----	----	----	----	----	---	----	----	----	
1092	5.16	9.41	1.87	342	.113	1.17	.190	52.3	.133	-.130	.090	2.77	-.350	.260	3.58	.460	1.29	.073	73.4	.420	.292	7.15	.010	.940	-.323	.662	-.160	1.85
1170-01A	--	----	---		--	----	----	----	----	----	----	----	---	---	---		---	----	---	--	----	----	---	-	----	---	----	----
1170-01W	----	--	---	----	----	----	----	----	----	----	---			----	---	--	----	----	--	--	----	---	--		----	--	---	---
1170-01T		----	----	----	----	----	----	--		--	----	----	----	----	-	----	----	-	---	----	----	----	----	----	----	----	----	---
1149-03	----	----	----	----			----	----	----	----		---	----	----	----	----	----	----	----		----	----	--		----	----	----	----
1149-02T	---		----	----	----	----	----	----	-		----	----	----	----	--	-	----	--	-	----	----	----	----	----			----	----
1149-02W	----	---	---		----	----	----	----	----	----		--	----	----	----	----	----	----	----		---	----		-	----	----	----	----
1149-01S		---	----	----	-	--	---	---		-	----	----	---	---		----	---	-	----	----	-	----	--	---		--	----	----
1149-02S	----	--		---	----	----	----	----	----	-	---	----	----	----	----		----	----		----	----	---	---	---	----	---	---	
1149-03T	-	----	----	----				--	----	----	----	----	--	-	----	----	----	----	----	-	----	----	-		--	----	----	----
1149-04T	----		--	----	----	----	----	----			----	----	----	----	-	---	----	--	----	--	----	----	-	----	----		---	----
0073	----	----	----	----		----	----	----	----	----	----	----	----	----	----	--	----	----	--	----	----	----	----	----	----	----	---	
1283	1.91	7.07	-.391	.160	.349	1.03	-.270	27.7	.363	-.109	.230	1.38	.340	.120	7.82	.270	1.74	.080	34.9	1.42	.070	.183	.030	.740	-.110	.390	-.020	.510
1244-02W	----	---	---	---		---	----	----	---	----	----	-	---	----	---	---	----	-	---	----	-	-	----	-		-	----	----
1244-03W	-	---	----	----	----	----	----		-	----		----	----	----	----	----	----	----	----	--	---	----	----		-	----	----	----
1244-04W	-	----	----	----	----	----	----		---	----	----	----	----	-	----	----	---	----	----	-	----	----	--		--	----	----	----
1244-05W	-	----	----	----	----	----	----		---	----	----	----	----	-	----	----	-	----	----	----	--	----	----	---	----	----	----	----
1244-02T	----	----	--	-	----	----	----	---	----	-	----	----	----	---	---	----	--	----	----	----	-	----	----	--	--	----	----	----
1244-04T	----	----	--		----	----	----	----	----	---	----	----	----	----	----		----	---	---	----	----	----	----	---		----	----	----
ICSA2	----	.680	8.31	280	-.115	2.14	-4.27	----	-.440	.910	.530	----	-8.93	-6.17	---	6.26	-7.80	740	199	8.11	.670	503	140	590	1.39	4.93	865	10.9
ICSAB2	----	----	----	----	--	----	----	----	----	----		----	----	----	----	----	----	---	---	----	----	----	----	----	--	----	----	----
1048	---	----	----	----			----	----	----	----	----		----	----	----	----	----	----	----	----	----	----	----	----		----	----	----
1034	.930	6.71	.150	940	-.910	1.06	.010	29.1	183	-.193	.170	.250	360	-.760	8.98	.080	1.16	.120	93.7	210	.020	147	-.050	430	.060	.510	-.110	1.38
IP1298W0	----		--	----	----	----	----	---		----	----	----	----		----	----	-	----	----	--	----	----	----	----	----		----	----	--
IP1298W4	----	-	-	----	----	----	----	----		---	----	----	----	---	---	----	---	----	----	----	---	----	----	---	--	----	----	--

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC810	-1.98	5.60	.420	.080	.050	1.48	-.070	26.4	-.030	-.130	.150	-.720	.120	-1.34	-4.33	.100	1.13	.140	45.6	.630	-.090	-35.7	-.060	.580	-.290	.740	-.310	1.06
[illegible]																											

1199-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC016	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC015	24.5	5.19	.370	1.86	.070	2.64	.100	1959	.393	.010	1.19	18.6	1.41	-.250	14.4	1.41	1.16	1.85	89.7	.330	-.050	10.6	.653	.320	.018	.330	.152	77.1
1199-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1223-021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC017	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC017	-1.56	4.95	-.280	.100	.030	.630	-.090	68.7	.190	-.060	.210	-.360	.490	-.180	3.38	.340	1.06	.130	25.5	-.360	.303	-46.0	.013	.060	-.110	.450	.019	3.43
IP108953	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP108951	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP108950	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1374-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1379-012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[349-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[461-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[461-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[461-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC018	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC018	-6.02	7.33	-.340	.100	-.010	.630	-.030	40.7	.000	-.090	.250	.560	.360	-.540	-1.93	.293	1.15	.070	36.5	-.500	.030	-64.4	-.040	.660	-.290	4.19	-.320	2.34
[461-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1364-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC019	-7.87	6.10	-.320	.050	-.010	.530	.010	36.5	.240	-.040	.220	.150	.600	-.730	4.57	.110	1.27	.171	33.6	.040	-.350	-65.1	.010	.780	-.430	1.000	-.340	1.91
1256-34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-09A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1256-09B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC020	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC020	-2.07	3.59	.640	.120	.010	1.57	-.030	34.5	.120	-.020	.030	.960	.930	1.23	1.80	.160	1.15	.150	37.1	-.530	-.070	-56.0	.030	.610	-.340	.900	-.150	1.29
MPL129018	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC021	-.930	6.48	.250	.080	-.010	1.30	.020	32.0	.060	-.120	.030	-3.04	.400	.760	12.0	.060	1.39	.070	27.1	.280	.210	-59.3	-.050	.220	-.610	.270	-.150	1.26
1130-011	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1120-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1149-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1148-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MPL129019	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1145-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

CC622	----	----	----	---	----	----	----	----	----	-- -	----	---	--	---	----	---	----	----	----	----	----	----	----	----	----	----	--	- -
CC922	4.17	7.67	.750	.235	.370	1.04	.810	47.0	.180	.160	.110	.830	.830	- .450	6.79	.330	1.59	.100	.139	.430	.220	.201	.013	.280	-.363	.590	-.010	1.32
CF10C5B	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	- -	-	----	----	----	----	----	---	---
1172-C9S	--	----	----	----	----	----	----	----	----	----	----	----	----	---	----	- --	----	----	----	----	----	---	----	----	----	----	----	----
1172-15	---	-- -	----		-	----	--	----	-	----	---	--	----	----	-- -	----	----	-	----	----	----		- -	----	----	----	----	----
1172 060	----	----	----	----	---	- -	---	--	----	-	----	-- -	- -	----	----	- --	----	----	----	----	----	----	----		-	----	---	---
1172-C5C		---	----	----	----	----	----	----	-- -	----	-- -	---	----		- -	----	----	----	- --	-	----	----	----	----	----	-		----
CCS44	----	-.248	-9.86	.400	- 392	3.87	5.58	----	-.550	-.940	.136	----	-8.44	-9.80	----	6 43	-3.00	.610	7.03	7.12	.650	102	.162	1.44	.430	5 20	-1.15	59 2
1CS464	----	----	----	----	---	- -	---	-- -	----	--	----	- -	- --	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----
CC723	---	-	----	----	----	----	----	----	----	----	----	-- -	----	---	----	-	----	----		---	----	----	----	----	----	-	----	----
CC523	2 31	8 16	250	.685	.970	2.72	030	41.9	- 213	- 210	-.100	-5 42	.450	-1 54	-3.85	450	1.35	.280	-50.9	1.81	.050	-8 17	-.290	460	- 173	511	- 780	1.63

QC limits of each parameter are listed in a table attached next to all the QC check forms
* : Out of QC Limit

VERSION 1.04 UNIT UG/L SUMMARY of CALIBRATION BLANKS - ICB1089 (SOIL) DATE : 09/28/93 INST EPAC

ANALYTE	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB	2.35	12.3	-1.34	175	.033	1.33	-.040	26.3	.350	.090	-.170	.930	-.170	-.330	9.70	.720	1.25	.120	47.9	1.15	.130	-9.23	.010	1.29	-.473	.450	-.150	.760
MR.12903	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2227	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAI	----	3.85	-7.25	.230	-.100	-3.37	-2.67	----	-.620	.830	.300	----	-5.45	-6.13	----	2.32	-2.60	.690	98.4	5.84	-.200	52.6	.550	-.590	.999	2.27	-.540	6.46
ICSAB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	2.35	7.63	-.060	.060	.010	.969	-.320	1.77	.160	-.020	.320	-.450	.150	.440	4.65	.100	1.17	-.300	57.0	.120	.150	-8.61	.030	1.43	-.160	.690	-.310	3.59
MR.12902	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV090W0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB090W0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV090WY	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173-02W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173-02D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0230	5.16	9.41	1.87	.340	.110	1.12	.130	57.2	.130	-.130	.090	2.73	-.350	.260	3.55	.460	1.29	.070	27.4	.420	.050	7.15	.010	.940	-.320	.660	-.150	1.85
0173-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173-04W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0173-04D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0249-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0149-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0149-01P	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0149-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0148-02T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0148-03T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0148-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0149	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0183	2.91	7.97	-.390	.150	.040	1.03	-.320	27.7	.160	-.100	.260	1.29	.140	.320	7.62	.270	1.24	.050	94.6	1.42	.070	.193	.030	.740	.110	.390	-.050	.812
0244-03A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0244-05A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0244-04A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0244-05W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0244-05T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0244-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA2	----	.680	-9.07	.960	-.110	3.34	-1.27	----	-.440	.510	.530	----	8.52	-8.17	----	6.46	-9.80	.740	.79	8.13	.670	.608	.140	.390	1.39	4.39	-.850	10.6
ICSAB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB4	230	6.71	.150	.240	-.010	1.36	.010	29.1	.180	.190	.170	.250	.360	.750	8.89	.060	1.16	.120	93.2	-.210	.020	.149	-.050	.430	.850	.510	-.130	1.09
I-1089WO	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I-1089WA	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-017	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-01J	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-01[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-015	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-007	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-057	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C[illegible]5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C035	-1.48	7.72	-.540	.250	.940	1.75	.010	40.6	-.030	-.170	.030	-.250	-.180	-1.12	5.92	.330	1.15	.170	23.9	.440	.120	.162	-.050	.250	-.360	.650	-.570	1.44
1128-077	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-097	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-117	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-137	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-157	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C036	.530	6.47	-.590	.980	.260	1.75	.390	37.6	.250	-.170	.190	-1.65	-.440	.230	-1.47	.250	1.25	.930	40.9	.555	-.010	.208	-.040	1.62	-.420	.530	-.103	1.35
1128-027	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-047	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-057	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-081	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-127	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1128-187	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1129-201	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C047	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1037	-1.91	6.57	-.460	.400	-.010	1.65	-.050	37.6	-.230	-.220	-.010	.470	.740	1.72	-2.47	.360	.950	.010	-2.50	1.29	.790	.198	.180	[illegible]	-.430	.160	-.770	1.34
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2098	1.22	7.04	-.460	.430	.260	2.15	.130	31.6	.370	.670	.380	2.66	.350	-1.16	4.05	.180	1.09	.230	4.71	-.740	-.030	.115	.030	[illegible]	-.210	.740	.400	12.3
1130-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-021	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-033	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-041	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-061	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MR.12906	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C049	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2039	.995	5.92	-.210	.240	-.320	1.61	-.060	28.5	.010	.120	.150	-.900	.190	.740	5.55	.220	.950	.150	37.4	.430	.120	17.2	-.070	.540	-.490	.540	-.330	1.15
1130-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-071	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-081	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-121	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1130-141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MR.12909	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CCB10	-1.88	5.50	.420	.090	.050	1.48	-.070	26.4	-.050	-.130	.150	-.720	.120	-1.24	-4.33	.130	1.13	.140	45.6	.530	.020	-15.7	.080	.930	.290	.740	-.310	1.09
[illegible]																											

1199-12																														
1199-13																														
CC916																														
CC916	14.5	5.19	.370	1.86	.030	2.64	.130	1968	.092	.010	1.10	15.5	1.41	-.250	14.4	1.41	1.16	1.85	68.7	.330	-4.060	-10.5	.650	.740	.010	.935	.150	77.5
1199-14																														
1199-15																														
1199-16																														
1199-17																														
1199-18																														
1199-19																														
1322-07																														
CC917																														
CC917	-1.90	4.95	-.280	.100	.030	.650	-.020	56.7	.190	-.080	2.0	.260	.450	-.180	3.56	.340	1.05	130	25.8	.360	.000	-46.2	.010	.050	-.110	.450	.010	3.43
1510895B																														
1510895I																														
1510895C																														
1279-[illegible]																														
1279-01																														
1279-01J																														
1279-02																														
1461-01																														
1461-02																														
1461-03																														
CC918																														
CC918	-5.02	7.30	-.040	.100	-.010	.650	-.020	40.7	.070	-.080	250	660	.350	-.840	-1.50	.290	1.19	.070	39.5	-.530	.030	-64.4	-.040	.560	-.290	4.19	.320	2.04
1461-04																														
1364-01																														
1364-02																														
1364-03																														
1364-04																														
1364-05																														
1266-01																														
1266-02																														
1266-03																														
CC919																														
CC919	-2.87	6.10	-.305	.050	-.010	.690	.010	36.8	.240	-.040	.220	.050	.660	.740	4.57	.110	1.37	.170	33.6	.340	-.150	-67.1	.010	.730	-.490	1.030	.040	1.91
1266-04																														
1266-05																														
1266-06																														
1266-07																														
1266-08																														
1266-09																														
1266-09A																														
1266-09B																														
CC920																														
CC920	-2.07	8.69	-.040	.130	.010	1.09	.020	31.5	.190	-.020	.030	-.950	.290	-1.42	1.80	.160	1.15	.150	33.1	-.530	.370	-56.1	.030	.610	-.360	.830	-.150	1.98
1312908																														
CC921																														
CC921	-.980	8.48	.260	.380	-.010	1.30	-.020	32.9	.050	.130	.010	-2.04	.400	-.960	12.0	.060	1.39	.070	27.4	.280	.210	-59.0	-.050	.200	-.510	.272	-.150	1.26
1120-01																														
1120-01A																														
1120-01B																														
1120-01C																														
1148-02																														
1148-03																														
1312909																														
1148-04																														

CC922	---	---	--	----	----	----	----	----	----	----	----	----	--	----	--	----	----	--	----	---	----	----	----	----	--	-	--	---
CC922	4.17	7.57	.750	250	.070	1.04	-.030	47.0	100	-.160	.110	-.830	380	-.460	6.79	.320	1.59	.100	135	.400	.720	201	-.010	.260	-.360	590	-.010	1.32
CE5C0153	--	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	---	--	----	----	----	----	----	--	----	----	----
I172-05A	----	--	----	--	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	--	----	----	----	----	----	-	--	----
I172 05	--	--	----	----	----	----	--	---	----	----	-	--	--	--	----	---	--	----	--	----	--	--	----	----	----	----	----	--
I172-060	--	----	----	----	----	----	----	----	--	----	---	---	--	--	----	----	----	---	----	----	----	----	--	---	--	----	----
I172 061	----	----	----	---	----	----	--	--	---	----	----	----	----	----	--	----	----	----	----	-	----	----	----	----	----	--	---	--
ICSA4	----	-.240	-8.85	.400	-.020	3.87	-5.56	----	-.560	-.940	.100	----	-8.44	-9.60	----	6.43	-3.09	.610	7.03	7.12	.650	102	-.190	1.44	.420	6.20	-1.16	10.2
ICSA6A	----	--	-	----	---	----	----	----	----	----	----	---	----	--	----	----	----	----	--	----	----	----	----	----	---	--	----	----
CC923	--	----	----	----	----	----	----	--	--	----	---	---	----	----	----	----	--	----	----	--	----	----	----	----	----	----	--	--
CC923	2.30	8.16	200	.680	.070	2.73	-.020	41.9	-.210	-.210	-.100	-5.42	.450	-1.54	-3.96	450	1.36	.280	-50.9	1.61	.050	8.17	-.190	.460	-.170	510	-.780	1.58

QC limit of each parameter are listed in a table attached next to all the ICP check items
* : Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I029001			1	☒	unk	---
2	0	0	0	0	Unk	S20		ID8I029002			1	☒	unk	---
3	0	0	0	0	Unk	S21		ID8I029003			1	☒	unk	---
4	0	0	0	0	Unk	S22		ID8I029004			1	☒	unk	---
5	0	0	0	0	Unk	S23		ID8I029005			1	☒	unk	---
6	0	0	0	0	Unk	S24		ID8I029006			1	☒	unk	---
7	0	0	0	0	Unk	S25		ID8I029007			1	☒	unk	---
8	0	0	0	0	Unk	S26		ID8I029008			1	☒	unk	---
9	0	0	0	0	Unk	S27		ID8I029009			1	☒	unk	---
10	0	0	0	0	Unk	S28		ID8I029010			1	☒	unk	---
11	0	0	0	0	Unk	S29		ID8I029011			1	☒	unk	---
12	0	0	0	0	Unk	S30		ID8I029012			1	☒	unk	---
13	0	0	0	0	Unk	S31		ID8I029013			1	☒	unk	---
14	1	2	1	1	QC	ICV		ID8I029014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I029015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRL2301		ID8I029016			1	☒	EMAX	None
17	4	2	4	1	QC	ZZZZ		ID8I029017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8I029018			1	☒	ICSA	None
19	6	2	6	1	QC	ICSAB1		ID8I029019			1	☒	ICSAB1	None
20	7	2	7	1	QC	CCV1		ID8I029020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8I029021			1	☒	3XIDL	None
22	1	2	1	1	QC	MRLI2902		ID8I029022			1	☒	AFCEE	None
23	9	2	9	1	QC	IPI090WQ		ID8I029023			1	☒	CCB	None
24	10	2	10	1	QC	IPI090WX		ID8I029024			1	☒	LCS	None
25	11	2	11	1	QC	IPI090WY		ID8I029025			1	☒	LCS	None
26	12	2	12	1	Unk	I173-02A		ID8I029026			1	☒	unk	---
27	13	2	1	2	Unk	I173-02W		ID8I029027			1	☒	unk	---
28	14	2	2	2	Unk	I173-02J		ID8I029028			1	☒	unk	---
29	16	2	4	2	QC	CCV2		ID8I029029			1	☒	CCV	None
30	17	2	5	2	QC	CCB2		ID8I029030			1	☒	3XIDL	None
31	18	2	6	2	Unk	I120-01A		ID8I029031			1	☒	unk	---
32	19	2	7	2	Unk	I120-01W		ID8I029032			1	☒	unk	---
33	20	2	8	2	Unk	I120-01J		ID8I029033			1	☒	unk	---
34	15	2	3	2	Unk	I249-03	DISS	ID8I029034			1	☒	unk	---
35	21	2	9	2	Unk	I148-01T	5X	ID8I029035			1	☒	unk	---
36	22	2	10	2	Unk	I148-01M	5X	ID8I029036			1	☒	unk	---
37	23	2	11	2	Unk	I148-01S	5X	ID8I029037			1	☒	unk	---
38	24	2	12	2	Unk	I148-02T	5X	ID8I029038			1	☒	unk	---
39	25	2	1	3	Unk	I148-03T	5X	ID8I029039			1	☒	unk	---

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dil Factor	Corr Fact	Check	Check Table	Fail Action
40	26	2	2	3	Unk	I148-04T	5X	ID8I029040			1	☒	unk	—
41	27	2	3	3	QC	CCV3		ID8I029041			1	☒	CCV	None
42	28	2	4	3	QC	CCB3		ID8I029042			1	☒	3XIDL	None
43	29	2	5	3	Unk	I244-02W		ID8I029043			1	☒	unk	—
44	30	2	6	3	Unk	I244-03W		ID8I029044			1	☒	unk	—
45	31	2	7	3	Unk	I244-04W		ID8I029045			1	☒	unk	—
46	32	2	8	3	Unk	I244-05W		ID8I029046			1	☒	unk	—
47	33	2	9	3	Unk	I244-02T	10X	ID8I029047			1	☒	unk	—
48	34	2	10	3	Unk	I244-04T	10X	ID8I029048			1	☒	unk	—
49	35	2	11	3	QC	ICSA2		ID8I029049			1	☒	ICSA	None
50	36	2	12	3	QC	ICSAB2		ID8I029050			1	☒	ICSAB1	None
51	37	2	1	4	QC	CCV4		ID8I029051			1	☒	CCV	None
52	38	2	2	4	QC	CCB4		ID8I029052			1	☒	3XIDL	None
53	39	2	3	4	QC	IPI078WQ		ID8I029053			1	☒	CCB	None
54	40	2	4	4	QC	IPI078WX		ID8I029054			1	☒	LCS	None
55	41	2	5	4	QC	IPI078WY		ID8I029055			1	☒	LCS	None
56	42	2	6	4	Unk	I128-01A	5X TOT	ID8I029056			1	☒	unk	—
57	43	2	7	4	Unk	I128-01T	5X TOT	ID8I029057			1	☒	unk	—
58	44	2	8	4	Unk	I128-01L	25X TOT	ID8I029058			1	☒	unk	—
59	45	2	9	4	Unk	I128-01M	5X TOT	ID8I029059			1	☒	unk	—
60	46	2	10	4	Unk	I128-01S	5X TOT	ID8I029060			1	☒	unk	—
61	47	2	11	4	Unk	I128-03T	5X TOT	ID8I029061			1	☒	unk	—
62	48	2	12	4	Unk	I128-05T	5X TOT	ID8I029062			1	☒	unk	—
63	49	2	1	5	QC	CCV5		ID8I029063			1	☒	CCV	None
64	50	2	2	5	QC	CCB5		ID8I029064			1	☒	3XIDL	None
65	51	2	3	5	Unk	I128-07T	5X TOT	ID8I029065			1	☒	unk	—
66	52	2	4	5	Unk	I128-09T	5X TOT	ID8I029066			1	☒	unk	—
67	53	2	5	5	Unk	I128-11T	5X TOT	ID8I029067			1	☒	unk	—
68	54	2	6	5	Unk	I128-13		ID8I029068			1	☒	unk	—
69	55	2	7	5	Unk	I128-15		ID8I029069			1	☒	unk	—
70	56	2	8	5	Unk	I128-17T	5X TOT	ID8I029070			1	☒	unk	—
71	57	2	9	5	Unk	I128-19T	5X TOT	ID8I029071			1	☒	unk	—
72	58	2	10	5	QC	CCV6		ID8I029072			1	☒	CCV	None
73	59	2	11	5	QC	CCB6		ID8I029073			1	☒	3XIDL	None
74	60	2	12	5	Unk	I128-02T	5X DISS	ID8I029074			1	☒	unk	—
75	61	3	1	1	Unk	I128-04T	5X DISS	ID8I029075			1	☒	unk	—
76	62	3	2	1	Unk	I128-06T	5X DISS	ID8I029076			1	☒	unk	—
77	63	3	3	1	Unk	I128-08T	5X DISS	ID8I029077			1	☒	unk	—
78	64	3	4	1	Unk	I128-10T	5X DISS	ID8I029078			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	CorrFact	Check	Check Table	Fail Action
79	65	3	5	1	Unk	I128-12T	5X DISS	ID8I029079			1	☒	Unk	---
80	66	3	6	1	Unk	I128-14		ID8I029080			1	☒	Unk	---
81	67	3	7	1	Unk	I128-16		ID8I029081			1	☒	unk	---
82	68	3	8	1	Unk	I128-18T	5X DISS	ID8I029082			1	☒	unk	---
83	69	3	9	1	Unk	I128-20T	5X DISS	ID8I029083			1	☒	unk	---
84	70	3	10	1	QC	CCV7		ID8I029084			1	☒	CCV	None
85	71	3	11	1	QC	CCB7		ID8I029085			1	☒	3XIDL	None
86	72	3	12	1	QC	MRLI2903		ID8I029086			1	☒	EMAX	None
87	73	3	1	2	QC	CCV8		ID8I029087			1	☒	CCV	None
88	74	3	2	2	QC	CCB8		ID8I029088			1	☒	3XIDL	None
89	75	3	3	2	Unk	I130-01A	5X	ID8I029089			1	☒	unk	---
90	76	3	4	2	Unk	I130-01I	5X	ID8I029090			1	☒	unk	---
91	77	3	5	2	Unk	I130-01J	25X	ID8I029091			1	☒	unk	---
92	78	3	6	2	Unk	I130-01M	5X	ID8I029092			1	☒	unk	---
93	79	3	7	2	Unk	I130-01S	5X	ID8I029093			1	☒	unk	---
94	80	3	8	2	Unk	I130-02I	5X	ID8I029094			1	☒	unk	---
95	81	3	9	2	Unk	I130-03I	5X	ID8I029095			1	☒	unk	---
96	82	3	10	2	Unk	I130-04I	5X	ID8I029096			1	☒	unk	---
97	83	3	11	2	Unk	I130-05I	5X	ID8I029097			1	☒	unk	---
98	84	3	12	2	QC	MRLI2904		ID8I029098			1	☒	EMAX	None
99	85	3	1	3	QC	CCV9		ID8I029099			1	☒	CCV	None
100	86	3	2	3	QC	CCB9		ID8I029100			1	☒	3XIDL	None
101	87	3	3	3	Unk	I130-06I	5X	ID8I029101			1	☒	unk	---
102	88	3	4	3	Unk	I130-07I	5X	ID8I029102			1	☒	unk	---
103	89	3	5	3	Unk	I130-08I	5X	ID8I029103			1	☒	unk	---
104	90	3	6	3	Unk	I130-09I	5X	ID8I029104			1	☒	unk	---
105	91	3	7	3	Unk	I130-10I	5X	ID8I029105			1	☒	unk	---
106	92	3	8	3	Unk	I130-11I	5X	ID8I029106			1	☒	unk	---
107	93	3	9	3	Unk	I130-12I	5X	ID8I029107			1	☒	unk	---
108	94	3	10	3	Unk	I130-13I	5X	ID8I029108			1	☒	unk	---
109	95	3	11	3	Unk	I130-14I	5X	ID8I029109			1	☒	unk	---
110	96	3	12	3	QC	MRLI2905		ID8I029110			1	☒	EMAX	None
111	97	3	1	4	QC	CCV10		ID8I029111			1	☒	CCV	None
112	98	3	2	4	QC	CCB10		ID8I029112			1	☒	3XIDL	None
113	99	3	3	4	Unk	I130-01A		ID8I029113			1	☒	unk	---
114	100	3	4	4	Unk	I130-01		ID8I029114			1	☒	unk	---
115	101	3	5	4	Unk	I130-01J		ID8I029115			1	☒	unk	---
116	102	3	6	4	Unk	I130-01M		ID8I029116			1	☒	unk	---
117	103	3	7	4	Unk	I130-01S		ID8I029117			1	☒	unk	---

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
118	104	3	8	4	Unk	I130-03		ID8I029118			1	☒	unk	—
119	105	3	9	4	Unk	I130-05		ID8I029119			1	☒	unk	—
120	106	3	10	4	Unk	I130-06		ID8I029120			1	☒	unk	—
121	107	3	11	4	Unk	I130-09		ID8I029121			1	☒	unk	—
122	108	3	12	4	QC	MRLI2906		ID8I029122			1	☒	EMAX	None
123	109	3	1	5	QC	CCV11		ID8I029123			1	☒	CCV	None
124	110	3	2	5	QC	CCB11		ID8I029124			1	☒	3XIDL	None
125	111	3	3	5	Unk	I130-10		ID8I029125			1	☒	unk	—
126	112	3	4	5	QC	MRLI2907		ID8I029126			1	☒	EMAX	None
127	113	3	5	5	QC	ICSA3		ID8I029127			1	☒	ICSA	None
128	114	3	6	5	QC	ICSAB3		ID8I029128			1	☒	ICSAB1	None
129	115	3	7	5	QC	CCV12		ID8I029129			1	☒	CCV	None
130	116	3	8	5	QC	CCB12		ID8I029130			1	☒	3XIDL	None
131	4	2	4	1	Unk	ZZZZ		ID8I029131			1	☒	unk	—
132	5	2	5	1	Unk	ZZZZ		ID8I029132			1	☒	unk	—
133	6	2	6	1	Unk	ZZZZ		ID8I029133			1	☒	unk	—
134	7	2	7	1	Unk	ZZZZ		ID8I029134			1	☒	unk	—
135	8	2	8	1	Unk	ZZZZ		ID8I029135			1	☒	unk	—
136	9	2	9	1	QC	CCV13		ID8I029136			1	☒	CCV	None
137	10	2	10	1	QC	CCB13		ID8I029137			1	☒	3XIDL	None
138	11	2	11	1	QC	IPI091SB		ID8I029138			1	☒	CCB	None
139	12	2	12	1	QC	IPI091SL		ID8I029139			1	☒	LCS	None
140	13	2	1	2	QC	IPI091SC		ID8I029140			1	☒	LCS	None
141	14	2	2	2	Unk	I354-01A		ID8I029141			1	☒	unk	—
142	16	2	4	2	Unk	I354-01		ID8I029142			1	☒	unk	—
143	17	2	5	2	Unk	I354-01J		ID8I029143			1	☒	unk	—
144	18	2	6	2	Unk	I354-02		ID8I029144			1	☒	unk	—
145	19	2	7	2	Unk	I354-03		ID8I029145			1	☒	unk	—
146	20	2	8	2	Unk	I354-04		ID8I029146			1	☒	unk	—
147	9	2	9	1	QC	CCV14		ID8I029147			1	☒	CCV	None
148	10	2	10	1	QC	CCB14		ID8I029148			1	☒	3XIDL	None
149	117	3	9	5	QC	IPI086SB		ID8I029149			1	☒	CCB	None
150	118	3	10	5	QC	IPI086SL		ID8I029150			1	☒	LCS	None
151	119	3	11	5	QC	IPI086SC		ID8I029151			1	☒	LCS	None
152	120	3	12	5	Unk	I199-04A		ID8I029152			1	☒	unk	—
153	121	4	1	1	Unk	I199-04		ID8I029153			1	☒	unk	—
154	122	4	2	1	Unk	I199-04J		ID8I029154			1	☒	unk	—
155	123	4	3	1	Unk	I199-04M		ID8I029155			1	☒	unk	—
156	124	4	4	1	Unk	I199-04S		ID8I029156			1	☒	unk	—

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	Pos ID	Rack	Row	Co	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
157	125	4	5	1	Unk	I199-01		ID8I029157			1	☒	unk	—
158	126	4	6	1	Unk	I199-02		ID8I029158			1	☒	unk	—
159	127	4	7	1	QC	CCV15		ID8I029159			1	☒	CCV	None
160	128	4	8	1	QC	CCB15		ID8I029160			1	☒	3XIDL	None
161	129	4	9	1	Unk	I199-03		ID8I029161			1	☒	unk	—
162	130	4	10	1	Unk	I199-05		ID8I029162			1	☒	unk	—
163	131	4	11	1	Unk	I199-06		ID8I029163			1	☒	unk	—
164	132	4	12	1	Unk	I199-07		ID8I029164			1	☒	unk	—
165	133	4	1	2	Unk	I199-08		ID8I029165			1	☒	unk	—
166	134	4	2	2	Unk	I199-09		ID8I029166			1	☒	unk	—
167	135	4	3	2	Unk	I199-10		ID8I029167			1	☒	unk	—
168	136	4	4	2	Unk	I199-11		ID8I029168			1	☒	unk	—
169	137	4	5	2	Unk	I199-12		ID8I029169			1	☒	unk	—
170	138	4	6	2	Unk	I199-13		ID8I029170			1	☒	unk	—
171	139	4	7	2	QC	CCV16		ID8I029171			1	☒	CCV	None
172	140	4	8	2	QC	CCB16		ID8I029172			1	☒	3XIDL	None
173	141	4	9	2	Unk	I199-14		ID8I029173			1	☒	unk	—
174	142	4	10	2	Unk	I199-15		ID8I029174			1	☒	unk	—
175	143	4	11	2	Unk	I199-16		ID8I029175			1	☒	unk	—
176	144	4	12	2	Unk	I199-17		ID8I029176			1	☒	unk	—
177	145	4	1	3	Unk	I199-18		ID8I029177			1	☒	unk	—
178	146	4	2	3	Unk	I199-19		ID8I029178			1	☒	unk	—
179	147	4	3	3	Unk	I322-02T	10X	ID8I029179			1	☒	unk	—
180	148	4	4	3	QC	CCV17		ID8I029180			1	☒	CCV	None
181	149	4	5	3	QC	CCB17		ID8I029181			1	☒	3XIDL	None
182	150	4	6	3	QC	IPI089SB		ID8I029182			1	☒	CCB	None
183	151	4	7	3	QC	IPI089SL		ID8I029183			1	☒	LCS	None
184	152	4	8	3	QC	IPI089SC		ID8I029184			1	☒	LCS	None
185	153	4	9	3	Unk	I379-01A		ID8I029185			1	☒	unk	—
186	154	4	10	3	Unk	I379-01		ID8I029186			1	☒	unk	—
187	155	4	11	3	Unk	I379-01J		ID8I029187			1	☒	unk	—
188	156	4	12	3	Unk	I379-02		ID8I029188			1	☒	unk	—
189	157	4	1	4	Unk	I461-01		ID8I029189			1	☒	unk	—
190	158	4	2	4	Unk	I461-02		ID8I029190			1	☒	unk	—
191	159	4	3	4	Unk	I461-03		ID8I029191			1	☒	unk	—
192	160	4	4	4	QC	CCV18		ID8I029192			1	☒	CCV	None
193	161	4	5	4	QC	CCB18		ID8I029193			1	☒	3XIDL	None
194	162	4	6	4	Unk	I461-04		ID8I029194			1	☒	unk	—
195	163	4	7	4	Unk	I364-01		ID8I029195			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
196	164	4	8	4	Unk	I364-02		ID8I029196			1	☒	unk	—
197	165	4	9	4	Unk	I364-03		ID8I029197			1	☒	unk	—
198	166	4	10	4	Unk	I364-04		ID8I029198			1	☒	unk	—
199	167	4	11	4	Unk	I364-05		ID8I029199			1	☒	unk	—
200	168	4	12	4	Unk	I256-01	dried & sieved	ID8I029200			1	☒	unk	—
201	169	4	1	5	Unk	I256-02	dried & sieved	ID8I029201			1	☒	unk	—
202	170	4	2	5	Unk	I256-03	dried & sieved	ID8I029202			1	☒	unk	—
203	171	4	3	5	QC	CCV19		ID8I029203			1	☒	CCV	None
204	172	4	4	5	QC	CCB19		ID8I029204			1	☒	3XIDL	None
205	173	4	5	5	Unk	I256-04	dried & sieved	ID8I029205			1	☒	unk	—
206	174	4	6	5	Unk	I256-05	dried & sieved	ID8I029206			1	☒	unk	—
207	175	4	7	5	Unk	I256-06	dried & sieved	ID8I029207			1	☒	unk	—
208	176	4	8	5	Unk	I256-07	dried & sieved	ID8I029208			1	☒	unk	—
209	177	4	9	5	Unk	I256-08	dried & sieved	ID8I029209			1	☒	unk	—
210	178	4	10	5	Unk	I256-09	dried & sieved	ID8I029210			1	☒	unk	—
211	179	4	11	5	Unk	I256-09M	dried & sieved	ID8I029211			1	☒	unk	—
212	180	4	12	5	Unk	I256-09S	dried & sieved	ID8I029212			1	☒	unk	—
213	2	2	2	1	QC	CCV20		ID8I029213			1	☒	CCV	None
214	3	2	3	1	QC	CCB20		ID8I029214			1	☒	3XIDL	None
215	61	3	1	1	QC	MRU2908		ID8I029215			1	☒	EMAX	None
216	62	3	2	1	QC	CCV21		ID8I029216			1	☒	CCV	None
217	63	3	3	1	QC	CCB21		ID8I029217			1	☒	3XIDL	None
218	64	3	4	1	Unk	I130-01	5X	ID8I029218			1	☒	unk	—
219	65	3	5	1	Unk	I120-01A		ID8I029219			1	☒	unk	—
220	66	3	6	1	Unk	I120-01W		ID8I029220			1	☒	unk	—
221	67	3	7	1	Unk	I120-01J		ID8I029221			1	☒	unk	—
222	68	3	8	1	Unk	I148-02		ID8I029222			1	☒	unk	—
223	69	3	9	1	Unk	I148-03		ID8I029223			1	☒	unk	—
224	71	3	11	1	QC	MRU2909		ID8I029224			1	☒	EMAX	None
225	70	3	10	1	Unk	I148-04		ID8I029225			1	☒	unk	—
226	72	3	12	1	QC	CCV22		ID8I029226			1	☒	CCV	None
227	73	3	1	2	QC	CCB22		ID8I029227			1	☒	3XIDL	None
228	74	3	2	2	QC	CEI001SB		ID8I029228			1	☒	CCB	None
229	75	3	3	2	Unk	I172-06A		ID8I029229			1	☒	unk	—
230	76	3	4	2	Unk	I172-06		ID8I029230			1	☒	unk	—
231	77	3	5	2	Unk	I172-06C		ID8I029231			1	☒	unk	—
232	78	3	6	2	Unk	I172-06J		ID8I029232			1	☒	unk	—
233	79	3	7	2	QC	ICSA4		ID8I029233			1	☒	ICSA	None
234	80	3	8	2	QC	ICSAB4		ID8I029234			1	☒	ICSAB1	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
235	81	3	9	2	QC	CCV23		ID8!029235			1	☒	CCV	None
236	82	3	0	2	QC	CCB23		ID8!029236			1	☒	3X1DL	None

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INDX	LSID	Al	Sb	As	Ba	Be	B	Ca	Cd	Cr	Co	LSID
1	Blank	-.00002	.00002	-.01001	.00029	.00012	.00023	-.00064	.00036	.00012	-.00020	Blank
2	S19					.22157		1.7517				S19
3	S21					7.8153		79.775				S21
4	S22				.41753						.16803	S22
5	S23				4.0837						1.6782	S23
6	S24						.09097					S24
7	S25						.93809					S25
8	S26	.22445							3.0274	.13024		S26
9	S27	8.6517							9.5341	1.2722		S27
10	S28		.00628									S28
11	S29		.06256									S29
12	S30			.10164								S30
13	S31			.06654								S31
14	ICV	101.52	1.5656	1.0151	2.0545	1.5122	2.5537	2.0012	98.496	2.5872	.97155	ICV
15	ICB	.00705	.01126*	.00134	.00017	.00003	.02133	-.00004	.02633	.00005	-.00009	ICB
16	MRL12901	.00304	.00426	.00952	.01051	.01016	.01036	.01030	1.0077	.01056	.00960	MRL12901
17	ZZZZ	.00775	.00606	.00905	.02070	.01024	.01041	.01056	1.0995	.01169	.00983	ZZZZ
18	ICSAL	400.20	.00366	-.01725	.00023	.00010	-.00337	-.00267	487.39	-.00063	-.00063	ICSAL
19	ICSAB1	398.99	1.0255	1.0010	.51462	.48237	.48513	.09527	475.42	.46477	.45842	ICSAB1
20	CCV1	103.02	1.5271	.99656	1.9870	1.5318	2.5022	1.9503	97.682	2.5132	.94674	CCV1
21	CCB1	.00235	.00362*	-.00335	.00006	.00001	.00596	-.00002	.09177	.00016	-.00002	CCB1
22	MRL12902	.00275	.00639	.00952	.00537	.00404	.00961	.00517	.55825	.01040	.00974	MRL12902
23	IP1090W2	.00914	-.00212	.00008	.00019	-.00006	-.00013	.00005	.01097	.00012	.00006	IP1090W2
24	IP1090W3	5.5392	2.6071	.63082	50774	.51975	51202	51919	53.104	.51156	43893	IP1090W3
25	IP1090W4	5.4033	2.5549	.57121	50346	.50551	52009	50527	51.648	.53874	47399	IP1090W4
26	1173-02A	5.7779	2.2501	.66216	76691	.52024	.62789	.52615	164.44	.61755	46616	1173-02A
27	1173-02W	.05431	.03840	-.00041	.27353	.00011	.12105	.00154	196.66	.00339	-.00019	1173-02W
28	1173-02J	.01176	.01251	-.00056	.05453	.00004	.09336	.00028	71.816	.00117	-.00009	1173-02J
29	CCV2	103.10	1.5414	1.0031	2.0368	1.5469	2.5461	1.9844	78.481	2.5610	.95603	CCV2
30	CCB2	.00315	.00941*	.00187	.00234	.00011	.00121	.00003	.05234	.00013	-.00010	CCB2
31	1120-01A	5.8225	.89661	.56157	.62181	.52149	.65259	.52310	157.61	.54759	.49049	1120-01A
32	1120-01W	.09278	.01437	.00129	.13808	.00019	.14049	.00020	122.02	.00059	.00022	1120-01W
33	1120-01J	.00107	.01271	.00067	.00172	-.00006	.02525	-.00002	74.350	.00035	.00008	1120-01J
34	1249-03	.02948	.02055	-.13747*	.03161	-.00027	.05668	.00014	73.033	68.267*	.00137	1249-03
35	1148-01T	-.00096	.00202	-.00025	.02734	-.00014	.46464	-.00022	407.60	.01609	.00062	1148-01T
36	1148-01M	1.1529	.93903	.00965	.12471	.05358	.63664	.04831	355.73	.05745	.03218	1148-01M
37	1148-01S	1.1511	.94512	.00914	.13836	.09496	.54226	.09667	347.64	.09653	.09349	1148-01S
38	1148-02T	.00968	.00145	.00040	.04636	-.00003	.02897	-.00003	125.78	.00019	.00023	1148-02T
39	1148-03T	.00170	.00505	.00071	.03674	.00011	.03225	-.00001	122.92	.00094	-.00033	1148-03T
40	1148-04T	.00179	.00104	-.00052	.02754	-.00007	.10376	-.00012	132.65	.00051	.00026	1148-04T
41	ICV3	105.61	1.5621	1.0353	2.0577	1.5597	2.4054	2.0039	79.971	2.6232	.96349	ICV3
42	ICB3	.00191	.00304*	-.00039	.00016	.00004	.00133	-.00002	.02775	.00016	-.00010	ICB3
43	1244-02W	.01216	.00309	.00959	.10539	.00009	.55921	-.00018	221.82	.00107	.00349	1244-02W
44	1244-03W	.00371	-.00133	.00977	.13997	-.00010	.35177	-.00003	176.60	.00104	-.00033	1244-03W
45	1244-04W	.00165	-.00122	.00223	.09920	-.00012	.48470	.00005	354.17	.00069	.00069	1244-04W
46	1244-05W	.00249	.00324	.00099	.11376	.00013	.30732	-.00007	296.35	.00113	-.00012	1244-05W
47	1244-02T	.00151	-.00110	-.00104	.01826	-.00004	.06310	-.00009	36.979	.00080	.00004	1244-02T
48	1244-04T	-.00185	-.00159	-.00036	.00982	-.00006	.06346	-.00003	37.249	.00069	.00002	1244-04T
49	ICS42	293.35	.00998	.00911	.04028	-.00011	.00314	.00427	496.37	-.00024	-.00091	ICS42
50	ICSAB2	395.38	2.0315	1.0509	.51993	.47712	.50244	.97288	436.86	.47646	.45503	ICSAB2
51	CCV4	104.57	1.5674	1.0464	2.2656	1.5607	2.6153	2.0031	89.126	2.6412	.96189	CCV4
52	CCB4	.00023	.00671*	.00015	.00074	-.00001	.00196	.00001	.02912	.00018	-.00019	CCB4
53	IP1078W2	.02217	-.00251	.00012	.00142	.00327	.00069	.00007	.21455*	.00004	-.00012	IP1078W2
54	IP1078W3	5.4832	2.5665	.03251	.51198	.52458	.52397	.50810	53.749	.52434	.48210	IP1078W3

55	[P107BWY	5.4995	2.6153	.53712	.51333	.53617	.53353	.50950	52.531	.50904	.48161	.[P107BWY
56	[128-01A	6.2269	2.7010	.55578	.54677	.52281	.65221	.52943	66.254	.51925	.53531	[128-01A
57	[128-01T	.53452	.01513	.00043	.01345	.50097	.15485	.00004	15.035	.03062	.03425	[128-01T
58	[128-01J	.10600	.00586	.00112	.00015	.00035	.00326	.00027	3.1.89	.00031	.00197	[128-01J
59	[128-01M	1.6109	.51741	.00935	.11367	.09934	.75735	.10052	25.825	.10649	.09852	[128-01M
60	[128-01S	3.6653	.53426	.13062	.11590	.10245	.26197	.10278	26.043	.10293	.10051	[128-01S
61	[128-03T	1.4632	.00412	.00006	.02493	.00151	.11662	.00032	25.617	.00060	.03995	[128-03T
62	[128-05T	.10612	.00089	.00379	.00435	-.00003	.11661	.00030	6.4680	.00034	.00058	[128-05T
63	CC95	104.31	1.5609	1.0643	2.0350	1.5362	2.5872	1.9676	81.217	2.6756	.93301	CC95
64	CC85	-.00140	.00722*	-.00084	.00025	.00004	.03175	.00031	.04059	-.00023	-.00017	CC85
65	[128-07T	.09522	.00134	.00421	.00677	.00062	.11381	-.00002	19.579	.00048	.00235	[128-07T
66	[128-09T	.67943	.00515	-.00142	.04373	.00155	.05332	.00033	41.855	.00034	.00872	[128-09T
67	[128-11T	3.1688	-.00101	-.00134	.05512	.00187	.05584	.00065	49.568	.00570	.01987	[128-11T
68	[128-13	.51766	-.00336	.00335	.00957	.00071	.25341	.00529	3.3998	.00139	.00109	[128-13
69	[128-15	.83159	-.00326	.00209	.01587	.00007	.37518	.00017	20.617	.00177	.00243	[128-15
70	[128-17T	1.4603	-.00157	.00049	.02520	.00192	.11515	.00025	26.246	.00061	.00599	[128-17T
71	[128-19T	.50684	-.00115	.00028	.01336	.00054	.15398	.00065	15.165	.00063	.00425	[128-19T
72	CC96	103.45	1.5458	1.0476	2.0537	1.5304	2.6043	1.5772	79.802	2.6359	.94373	CC96
73	CC86	.00063	.00647*	.00093	.00028	.00035	.00126	.00002	.03758	.00025	.00217	CC86
74	[128-02T	.67117	.00119	.00165	.01375	.00069	.15568	.00058	14.879	.00237	.00441	[128-02T
75	[128-04T	1.4848	-.00077	.00089	.02423	.00147	.11505	.00026	25.691	.00050	.00934	[128-04T
76	[128-06T	.03745	-.00206	.00031	.00403	.00030	.13649	.00003	6.4589	.00020	.00156	[128-06T
77	[128-08T	.25519	-.00156	.00340	.00516	-.00001	.10476	.00036	19.656	.00027	.00217	[128-08T
78	[128-10T	.54268	-.00374	.00070	.04354	.00135	.09230	.00056	41.548	.00070	.00634	[128-10T
79	[128-12T	2.6956	.00212	-.00166	.05729	.00183	.06589	.00070	49.269	.00043	.01278	[128-12T
80	[128-14	.12351	-.00345	.00340	.00625	-.00052	.25343	.00015	2.9231	.00051	.03068	[128-14
81	[128-16	.01527	-.00313	.00156	.00946	.00023	.17669	.00001	19.803	.00034	.00326	[128-16
82	[128-18T	1.5020	-.00150	.00130	.02441	.00150	.11628	.00029	27.387	.00017	.00937	[128-18T
83	[128-20T	.50071	.00165	-.00027	.00305	.02069	.15448	.00010	15.264	.00025	.00423	[128-20T
84	CC97	103.21	1.5618	1.0732	2.0408	1.5353	2.5090	1.9633	82.576*	2.7317	.92552	CC97
85	CC87	-.00191	.00564*	-.00048	.00045	-.00001	.00165	-.00006	.03751	-.00023	-.00022	CC87
86	MR.12903	.20396	.15087	.01180	.01334	.01009	.01046	.01049	1.1246	.01724	.00961	MR.12903
87	CC98	103.94	1.6556	1.0350	2.0875	1.5545	2.6267	1.9978	81.537	2.5943	.94939	CC98
88	CC88	.00122	.00704*	.00049	.00043	.00006	.03215	.00021	.03644*	-.00017	-.00037	CC88
89	[130-01A	11.956	2.5820	.55472	1.4836	.51516	.55836	.59673	199.52	.56694	.51470	[130-01A
90	[130-01C	8.6277	.61953	.61563	1.0302	.70451	.66117	.68843	129.04	.67529	.09430	[130-01C
91	[130-01D	1.6581	.00321	.00053	.16508	.00364	.12911	.11615	23.565	.00471	.00441	[130-01D
92	[130-01M	2.9966	.43269	.11063	.11411	.09426	.15405	.15924	134.82	.15851	.11016	[130-01M
93	[130-01S	11.598	.44727	.11798	1.3402	.50633	.14397	.15658	152.49	.12924	.11756	[130-01S
94	[130-02T	5.6514	.01303	.02785	2.3391	.00040	.04525	.01166	80.668	.76320	.02964	[130-02T
95	[130-03T	5.3931	.02153	.02156	2.0641	.00527	.07316	.13093	115.25	.82362	.03754	[130-03T
96	[130-04T	10.847	.06766	.01456	2.4734	.00014	.05579	.05294	119.65	.45899	.04458	[130-04T
97	[130-05T	10.446	.00903	.00509	.25525	.00159	.05124	.01203	92.850	.16286	.01556	[130-05T
98	MR.12904	.20425	.10274	.01136	.01028	.01026	.01955	.01054	1.1111	.01141	.00569	MR.12904
99	CC99	102.47	1.5651	1.0374	2.1163	1.5436	2.6412	2.1071	79.982	2.6627	.95875	CC99
100	CC89	.00099	.00592*	.00021	.00025	-.00002	.0016	-.00006	.03859	-.00001	-.00015	CC89
101	[130-06T	14.653	.01303	.03756	.44975	.00103	.06397	.01449	145.81	.54248	.03347	[130-06T
102	[130-07T	5.2500	.02524	.01812	2.2061	.01524	.10014	.06869	95.936	.83103	.04344	[130-07T
103	[130-08T	23.795	.04541	.07159	7.1423	.00389	.10019	.06056	61.086	1.5055	.16526	[130-08T
104	[130-09T	8.2970	.01612	.03850	2.2514	.00064	.26548	.06009	113.35	.46387	.03338	[130-09T
105	[130-10T	14.992	.02052	.00333	5.6965	.00115	.04161	.07212	139.95	.07200	.02571	[130-10T
106	[130-11T	20.812	.02591	.02741	.91582	.00561	.01955	.04350	77.543	.47102	.02975	[130-11T
107	[130-12T	16.079	.00161	.02023	.35817	.00198	.03636	.21167	77.651	.11268	.03075	[130-12T
108	[130-13T	2.9397	.02812	.01362	.36963	.00413	.07207	.01268	72.544	2.2835	.02640	[130-13T
109	[130-14T	5.1423	.02046	.04779	1.6483	.00072	.07875	.05935	100.57	.77734	.02563	[130-14T
110	MR.12905	.20295	.10130	.01033	.01118	.01018	.01003	.01051	1.1107	.01397	.00957	MR.12905
111	CC100	104.46	1.5625	1.0521	2.1036	1.5480	2.6304	2.0049	79.985	2.5625	.95926	CC100

112	20810	-.00168	.00560	00042	00308	.00005	00148	-.00007	10637	-.00005	-.00013	00812	
113	1130-014	52.195	2.7198	65036	5.7520	63557	37428	1.0024	561.65	91368	.56147	1130-014	
114	1130-01	46.205	.05427	.09776	5.0852	.07244	.28641	45798	515.74	.36679	.12942	1130-01	
115	1130-010	8.3941	.01001	01462	.96523	.00039	.04774	.08443	104.32	.07055	02363	1130-010	
116	1130-01M	50.175	2.3615	60741	5.4275	49613	82055	93503	566.00	87148	.60540	1130-01M	
117	1130-015	54.658	2.4103	64807	9.3125	49412	.76178	89034	839.50	.98796	.63241	1130-015	
118	1130-03	30.817	.11948	.18511	10.737	.03158	.37026	.85590	760.69	4.2967	.20462	1130-03	
119	1130-05	148.42	.13713	.31274	3.6660	.00533	.68450	.18365	1174.6*	1.8491	.22596	1130-05	
120	1130-06	77.009	.05465	17233	2.3380	.00525	20250	.03842	584.97	2.7708	.17927	1130-06	
121	1130-09	45.034	12759	.20779	11.551	.03353	.35057	.30785	526.58	2.2946	.17724	1130-09	
122	MRL12936	.20762	10213	30929	.11110	.01020	00995	.01053	1.0905	.01105	.00982	MRL12936	
123	CC811	104.43	1.6542	1.0337	2.1026	1.5461	2.6035	2.0099	78.550	2.5365	.96966	CC811	
124	CC811	-.00040	30535*	-.00118	.00005	-.00001	.00130	-.00001	02225	.00021	-.00002	CC811	
125	1130-10	138.62	21104	30964	50.698*	.00038	.37124	.65465	1120.6*	.62596	.23682	1130-10	
126	MRL12937	20233	.10282	.01049	.01125	.01017	.00025	.00047	1.0905	00080	00978	MRL12937	
127	10540	391.45	-.00136	-.00713	00026	-.00014	00087	-.00135	476.86	-.00041	-.00035	10540	
128	105483	395.52	1.0129	1.0291	50614	46992	.60240	.93248	487.23	.46163	46554	105483	
129	CC412	135.01	1.5728	1.2504	2.1022	1.5326	2.6253	2.0075	79.122	2.6167	.96425	CC412	
130	CC812	-.00967	.00570*	00064	00031	.00002	.00161	-.00005	.02305	.00010	-.00058	CC812	
131	2222	-.00185	.00022	.00122	-.00007	-.00006	-.00019	.00005	.01363	.00022	-.00011	2222	
132	2222	.08343	00075	.00924	.12472	-.00002	-.00066	-.00010	40085	.00057	.00018	2222	
133	2227	79549	-.00111	00418	.7514	-.00005	-.00048	.00017	35256	-.00007	.00030	2222	
134	2222	.80987	-.00241	.01099	.12476	-.00035	00046	.01013	.47956	.00013	.00003	2222	
135	2222	.16867	00208	00173	02570	-.00037	-.00076	-.00007	.00239	.00019	-.00012	2222	
136	CC413	133.72	1.5601	1.3616	2.0752	1.5121	2.6583	1.9580	80.558	2.6644	.93540	CC413	
137	CC413	-.00212	00609*	-.00081	.00134*	-.00004	.00219	-.00004	.04202	-.00020	-.00020	CC413	
138	IP109158	.03213	30043	-.00041	00077	00014	00034	.00306	.01658	00001	-.00014	IP109158	
139	IP109159	4.9717	2.4198	49170	49392	47051	47192	48471	50.566	.49920	.46653	IP109159	
140	IP109150	4.9800	2.4020	49327	49314	.47332	46520	.45375	50.302	48400	.45581	IP109150	
141	1354-01A	49.098	2.5037	55697	94636	.53651	49465	.51948	57.320	.63055	.51299	1354-01A	
142	1354-01	43.646	.02001	01299	42059	.00167	00350	-.00145	5.5154	.10053	.01875	1354-01	
143	1354-01J	8.5817	30521	00252	.09612	.00029	00148	-.00042	1.0751	.02506	.03057	1354-01J	
144	1354-02	45.931	03413	01193	.59350	00174	00963	-.00102	7.7147	.12576	01990	1354-02	
145	1354-03	46.527	.03292	01749	61.916	00178	00359	-.00144	7.9092	.10556	07941	1354-03	
146	1354-04	50.409	.00757	01512	62294	00189	00304	00135	12.939	.11470	.02225	1354-04	
147	CC414	102.77	1.5412	1.0515	2.0805	1.5145	2.6385	1.9038	79.547	2.6820	93871	CC414	
148	CC814	-.00183	00670*	-.00040	.00196*	.00002	.00143	-.00014	03920	.00003	-.00007	CC814	
149	IP108658	.00228	.00127	-.00145	00047	00000	.00139	.00031	.00360	.00041	-.00039	IP108658	
150	IP108659	5.1894	2.6439	52914	.51605	49513	48973	50152	53.604	5.5953	48072	IP108659	
151	IP108650	5.1574	2.5551	53069	51091	49512	48673	50394	53.591	51973	49190	IP108650	
152	1199-044	26.284	2.5572	53034	51471	50546	.49658	51075	55.015	.58605	49524	1199-044	
153	1199-04	20.604	.01449	.00219	00784	.00349	.00103	.00055	1.8070	00746	.01524	1199-04	
154	1199-040	4.1066	00365	.00142	00024	.00010	.00006	-.00008	41111	00749	.00097	1199-040	
155	1199-04M	43.592	2.4063	.51859	51392	.49140	.47141	50257	55.164	.58260	48543	1199-04M	
156	1199-045	40.324	2.3203	46607	59355	.47842	45119	49573	51.951	52998	.47467	1199-045	
157	1199-01	25.792	01569	00417	.1928	.00359	00260	-.00151	2.5613	05715	01800	1199-01	
158	1199-02	27.444	00493	.00594	.09467	.00068	-.00344	.00020	1.6713	.05370	05664	1199-02	
159	CC415	104.54	1.5644	1.0489	2.0727	1.5028	2.5877	1.9929	78.081	2.5775	.95163	CC415	
160	CC815	-.00377	.00727*	-.00155	.00018	.00001	00105	-.00003	03825	.00022	-.00013	CC415	
161	1199-03	29.195	.00158	00609	.13010	00079	.00024	-.00061	1.7177	05331	.00682	1199-03	
162	1199-05	70.585	.04207	30528	21195	00048	.00713	.00149	5.6113	.04398	00663	1199-05	
163	1199-06	25.641	.00199	00691	.07845	.00050	.00072	-.00073	1.5251	.04080	00639	1199-06	
164	1199-07	25.597	.00702	.00461	.13630	00042	00117	00058	2.6106	.03971	.00537	1199-07	
165	1199-08	26.239	.00051	.00524	.13234	.00057	-.00122	00060	1.8442	.04369	.00698	1199-08	
166	1199-09	25.847	-.00113	.00513	.05923	.00053	-.00123	-.00068	1.1519	.04969	05327	1199-09	
167	1199-10	25.375	-.00174	.00471	.17530	00062	.00820	-.00061	2.6995	.04030	.00745	1199-10	
168	1199-11	23.240	.00283	.00436	.12090	.00057	-.00058	-.00057	1.9043	.04030	00656	1199-11	

169	[199-12	27.809	-.00035	.00531	.16053	.00366	-.00178	.00081	2.6725	.05020	.00303	[199-12
170	[199-13	27.129	.00111	.00373	.15269	.00062	-.00147	-.00073	2.6564	.04783	.00780	[199-13
171	00916	103.33	1.5355	1.0203	2.0309	1.6927	2.5896	1.9836	78.234	2.5538	.95331	00916
172	00916	.01446	.00519	.00037	.00165*	.00007	.00264	.00010	1.9681*	.05039	.00001	00916
173	[199-14	26.815	.01565	.00452	.14929	.00057	.00099	.00065	2.7516	.04559	.00732	[199-14
174	[199-15	36.970	.00046	.00504	.10671	.00073	-.00030	-.00068	2.7316	.05190	.00825	[199-15
175	[199-16	25.924	-.00046	.00383	.15975	.00067	-.00061	-.00073	2.3771	.04791	.00797	[199-16
176	[199-17	23.195	-.00001	.00724	.16730	.00055	.00036	-.00065	1.7762	.04152	.00756	[199-17
177	[199-18	25.559	-.00196	.00347	.14480	.00057	-.00564	-.00068	2.3363	.04769	.00737	[199-18
178	[199-19	26.629	.00419	.00219	.18558	.00056	.00177	-.00073	3.5089	.05284	.00820	[199-19
179	[327-02T	4.9997	-.00081	.00100	.08913	.00011	.00935	.00764	8.5970	.01005	.00461	[327-02T
180	00917	102.32	1.5364	1.0504	2.0047	1.6024	2.5565	1.9822	77.292	2.5731	.95415	00917
181	00817	-.00130	.00495	-.00028	.00019	.00033	.00065	-.00032	.06868	.00319	-.00008	00817
182	IP108958	-.00259	-.00113	.00120	.00022	.00000	.00017	.00001	.00673	.00319	-.00009	IP108958
183	IP108951	5.0920	2.5113	.51953	.52054	.48312	.48699	.51051	51.175	.58003	.48855	IP108951
184	IP108950	5.0164	2.5227	.51165	.53976	.47251	.45615	.43963	50.516	.49327	.47828	IP108950
185	1379-01A	297.17	2.4584	.66728	5.3659	.50513	.45497	.51607	183.12	.69505	.54914	1379-01A
186	1379-01	212.06	.10541	.15602	5.1206	.00575	.02561	.00291	149.37	.19257	.05394	1379-01
187	1379-01J	45.451	.02412	.03453	1.8138	.00104	.00815	-.00100	39.245	.04036	.00350	1379-01J
188	1379-02	235.98	.01706	.13602	7.5212	.00571	.02635	-.00303	214.54	.16431	.02731	1379-02
189	[451-01	273.56	1.0811	2.3127	3.4324	.00639	.29784	.01728	961.91*	1.3135	.41298	[451-01
190	[451-02	220.45	.70599	1.9951	2.3173	.00752	.15940	.00787	928.53*	1.2919	.52524	[451-02
191	[451-03	211.74	.64624	1.5272	2.2127	.00781	.15636	.01357	777.86	1.2169	.46964	[451-03
192	00918	103.19	1.5587	1.0566	2.1041	1.4921	2.6175	1.9778	76.886	2.6247	.94711	00918
193	00818	-.00502	.00739*	-.00034	.00010	.00001	.00053	-.00003	.04059	.00003	-.00008	00818
194	[461-04	236.41	.50519	1.2386	2.2361	.00864	.14764	.00786	449.95*	1.4245	.53512	[461-04
195	[364-01	42.209	.00797	.09403	.71572	.00622	.01304	.06309	23.570	.17525	.04523	[364-01
196	[364-02	46.467	.00491	.02755	.95509	.00587	.01116	.01520	16.752	.13903	.06865	[364-02
197	[364-03	39.575	.00515	.05749	.89490	.00467	.00358	.00749	24.720	.09769	.05114	[364-03
198	[364-04	43.605	.00456	.05444	1.0234	.00636	.00232	.00491	38.713	.12631	.10032	[364-04
199	[364-05	1.5530	.00948	.02952	.02158	.00001	-.00720	.53841	555.37	.02283	.00646	[364-05
200	[256-01	53.338	.07521	.31643	.35321	.00208	.00325	.00282	9.5529	.11999	.02278	[256-01
201	[256-02	51.230	.00534	.01469	.79719	.00177	.00165	.00271	1.084	.03491	.01486	[256-02
202	[256-03	50.511	.00502	.01443	.25869	.00184	.00352	.00341	3.5152	.16703	.00563	[256-03
203	00919	103.29	1.5344	1.0287	2.0642	1.5075	2.5363	1.9839	77.257	2.5579	.95577	00919
204	00819	-.00287	.00503*	-.00017	.00005	-.00001	.00053	.00001	.03613	.00024	-.00004	00819
205	[256-04	66.527	.01038	.02306	.02509	.00166	.00526	.00640	22.059	.14156	.02752	[256-04
206	[256-05	55.756	.00951	.01375	.25681	.00198	.00371	.00229	11.357	.11663	.02602	[256-05
207	[256-06	57.394	.00910	.01717	.26580	.00159	.00474	.00765	16.441	.08834	.01725	[256-06
208	[256-07	56.966	.01011	.01901	.42014	.00166	.01510	.00799	26.418	.12182	.01899	[256-07
209	[256-08	55.035	.00850	.02195	.42976	.00165	.00797	.01909	13.112	.13597	.02541	[256-08
210	[256-09	53.741	.00186	.01355	.73847	.00145	.00149	.54255	14.942	.13634	.02039	[256-09
211	[256-09M	74.558	2.4260	.52956	.82797	.45077	.47045	.54585	67.745	.62849	.51190	[256-09M
212	[256-09S	71.946	2.4212	.52652	.72626	.46921	.46905	.54750	65.329	.61110	.51350	[256-09S
213	00923	103.20	1.5242	1.0206	2.0627	1.5105	2.5680	1.9799	77.638	2.5734	.95248	00920
214	00820	-.00227	.00899*	.00054	.00013	.00001	.00102	-.00003	.03154	.00013	-.00002	00820
215	MBL12908	.20209	.10202	.00837	.00076	.00999	.01000	.01030	1.0695	.01056	.00963	MBL12908
216	00921	104.39	1.5341	1.0312	2.0545	1.5032	2.5718	1.9760	78.059	2.5844	.94759	00921
217	00821	-.00099	.00948*	.00028	.00058	-.00031	.00150	-.00002	.03203	.00026	-.00013	00821
218	[120-01C	12.779	.01652	.02722	4.8410	.00107	.35535	.03923	105.35	.04918	.02159	[120-01C
219	[120-01A	5.9487	.86179	.58834	.64638	.51834	.67177	.52861	171.56	.56891	.49257	[120-01A
220	[120-01M	.00261	.00671	.00204	.11278	.00025	.14189	.00037	125.10	.03491	.00323	[120-01M
221	[120-01J	-.00137	.01432	-.00002	.02228	-.00006	.02695	-.00003	24.659	.00703	.00002	[120-01J
222	[148-02	.00738	-.00456	.00343	.23775	.00005	.15252	.00006	650.48	.00957	-.00046	[148-02
223	[148-03	.00268	-.00521	.00117	.17930	.00019	.22756	.00014	594.37	.03059	-.00069	[148-03
224	MBL12909	.19965	.10375	.01398	.05104	.01011	.00929	.01054	1.1079	.01072	.00996	MBL12909
225	[148-04	.01543	.00465	.00197	.14307	.00001	.15191	.00036	612.78	.00085	-.00052	[148-04

226	CC422	102.39	1.5340	1.0064	2.0624	1.5129	2.3464	1.9609	78.349	2.5424	.35759	CC422
227	CC622	.00417	.00767*	.00075	.00023	.00097	.00104	-.00001	.04704	.00019	-.00015	CC622
228	CF100156	.00410	.00356	.00011	.00003	.00030	-.00051	-.00008	.03856	.00030	.00000	CF100156
229	1172-062	5.0203	2.4062	.63969	.65896	.52910	.46887	.55629	50.475	.50847	.52675	1172-062
230	1172-06	.15909	.00007	.00890	.12092	-.00001	-.00043	-.00011	.39507	.00017	.00012	1172-06
231	1172-060	.16924	-.00271	.01075	.12086	.00007	-.00065	-.00014	.33960	.00017	.00003	1172-060
232	1172-061	.03400	-.00001	.00155	.02462	-.00004	-.00011	.00006	.12601	-.00062	-.00012	1172-061
233	1C5A4	403.43	.00024	.00386	.00040	-.00003	.00007	-.00550	519.42	.00065	-.00094	1C5A4
234	1C5A84	405.33	1.0227	1.0471	.52817	.47997	.55426	.98456	537.78	.49084	.46051	1C5A84
235	CC473	194.75	1.5351	1.0365	2.0169	1.5293	2.0476	1.9550	81.563	2.7020	.52493	CC473
236	CC623	.00230	.00812*	.00070	.00068	.00007	.00271	-.00001	.04155	-.00071	-.00021	CC623
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Cu	LSID

[illegible]	SID	Cu	Fe	Pb	Li	Mg	Mn	Na	Ni	K	Se	SID
1	Blank	.00104	.00392	.03003	-.00011	.00000	.00001	.00005	-.00082	.00045	.00002	Blank
2	S20			.21654			.10613					S20
3	S21			2.1287			1.0275					S21
4	S22	.35535	.07431									S22
5	S23	3.5211	2.8613									S23
6	S24							.72641				S24
7	S25							7.8179				S25
8	S26								.87937	.17772		S26
9	S27								8.3013	1.7103		S27
10	S28					.11116						S28
11	S29					.45289						S29
12	S30				.07765						.00171	S30
13	S31				.11218						.00973	S31
14	IC4	2.8497	25.849	2.4347	.31031	57.278	2.4231	2.9027	2.5449	59.473	1.0365	IC4
15	ICB	.00007	.00052	.00017	.00033	.00370	.00022	.00125*	.00012	.04769	.00115	ICB
16	MRL12601	.01527	.22703	.01250	.01036	.96586	.01052	.01073	.01054	1.0320	.00957	MRL12601
17	ZZZZ	.01334	.21307	.01058	.01078	.97729	.01034	.01110	.01101	1.0046	.01009	ZZZZ
18	IC54	-.00025	187.23	-.00545	-.00013	191.19	.00037	-.00760	.00053	.05840	.00584	IC54
19	ICSA31	.50509	185.96	.91950	1.0319	165.20	.44639	1.0327	.98015	78.307	1.0197	ICSA31
20	CCV1	2.4863	24.064	2.3737	.49702	55.798	2.3515	2.5375	2.4796	60.151	1.0096	CCV1
21	CCB1	-.00053	-.00046	.00015	.00044	.00455	.00013	.00117*	-.00053	.05596	.00012	CCB1
22	MRL12902	.00999	.18027	.35342	.10057	.23274	.00527	.01047	.01066	1.0266	.01635	MRL12902
23	IP1090W3	-.00078	.00136	.00059	-.00073	.01125	.00330	.00854	.00031	.01815	-.00077	IP1090W3
24	IP1090W4	.51490	5.3537	.50553	-.00144*	49.487	.52347	.51739	.52079	51.486	.53295	IP1090W4
25	IP1090W7	.50019	5.1579	.49776	-.00156*	48.181	.49372	.50771	.52591	51.619	.52813	IP1090W7
26	1173-02A	.52945	5.5634	.51945	.04028	81.049	.50501	.48492	.49473	60.129	.54194	1173-02A
27	1173-02W	.00138	.01034	.01114	.04128	33.624	.00146	.00216	.00676	6.1803	.00056	1173-02W
28	1173-02J	.00034	.00040	.00225	.00779	6.7611	.00325	.00549	.00157	1.5218	-.00027	1173-02J
29	CCV2	2.5179	24.727	2.4019	.50261	56.910	2.3992	2.5685	2.5071	60.620	1.0232	CCV2
30	CCB2	.00009	.00273	.00036	.00026	.00358	.00049	.00129*	.00007	.07737	.00042	CCB2
31	1128-01A	.57604	5.5229	.52574	.01491	91.883	.52325	.54505	.60247	59.653	.57732	1128-01A
32	1128-01W	.00164	.26026	.02057	.01533	33.165	.01747	.05207	.17436	3.2955	.00710	1128-01W
33	1128-01J	.00022	.16373	.00438	.00259	6.4164	.00767	.01136	.03012	.72653	.00182	1128-01J
34	1249-03	.02063	.15675	.00044	.04543	61.251	.00536	.02602	.00133	21.712	.00184	1249-03
35	1148-01T	.10344	1.2959	.00477	.01783	195.40	1.2553	-.00012	.00179	15.137	-.00045	1148-01T
36	1148-01W	.10164	2.1860	.09379	.03168	150.44	1.3213	.13797	.09723	20.855	.10805	1148-01W
37	1148-01J	.02351	2.2747	.00719	.01110	130.78	1.3241	.12326	.03658	20.593	.10852	1148-01J
38	1148-02T	.00105	.74442	.00253	.00198	27.924	.02742	.00032	.00015	2.8761	-.00058	1148-02T
39	1148-03T	.00341	.95845	.00285	.00247	26.557	.00919	.00009	.00034	3.0871	.00015	1148-03T
40	1148-04T	.00311	.40214	.00051	.00438	45.161	.01260	.00029	.00029	4.1008	-.00006	1148-04T
41	CCV3	2.5529	25.725	2.4501	.51233	57.674	2.4492	2.5907	2.5274	62.699	1.0500	CCV3
42	CCB3	.00023	.00108	.00014	.00010	.00782	.00027	.00124*	.00008	.04437	.00142	CCB3
43	1244-02W	.00092	.38207	.01655	.00950	217.69	2.9484	.02371	.00162	11.509	-.00075	1244-02W
44	1244-03W	.00101	-.01599	.01272	.00791	83.201	.00632	.01119	.00077	13.455	-.00168	1244-03W
45	1244-04W	.00078	-.02680	.02185	.01617	201.91	.52303	.00941	.01583	25.302	-.00107	1244-04W
46	1244-05W	.09125	.02149	.01621	.01552	145.17	.16929	.00502	.00204	27.658	.00068	1244-05W
47	1244-02T	.00019	.08090	.00141	.00665	23.165	.01952	.00030	.00021	1.1408	.00073	1244-02T
48	1244-04T	.00021	-.00458	.00194	.00116	20.190	.05355	.00077	.00172	2.4213	.00094	1244-04T
49	ICSA7	.00053	184.61	-.00052	-.00217	191.40	.00545	-.00250	.00071	.14696	.00811	ICSA7
50	ICSA82	.50953	184.20	.9.073	1.0317	160.05	.46261	1.0135	.96223	80.302	1.0524	ICSA82
51	CCV4	2.5451	25.265	2.4305	.51401	57.517	2.4497	2.5927	2.5205	63.295	1.0537	CCV4
52	CCB4	.00017	.00025	.00036	-.00076	.00388	.00008	.00115*	.00012	.09016	-.00021	CCB4
53	IP1078W2	.00987	.02586	.00036	-.00247	.01710	.00069	.00017	.00039	.21659	-.00057	IP1078W2
54	IP1078W3	.51752	5.2751	.49617	-.00132*	49.266	.50010	.51711	.51111	52.454	.52574	IP1078W3

55	[illegible]	.51264	5.2636	.49589	-.00109*	48.225	.50315	.51173	.51023	52.388	.53199	[illegible]
56	[illegible]	.52453	5.2645	.57133	.07406	36.436	.53640	.53758	.50726	57.050	.56558	[illegible]
57	[illegible]	.00326	.04250	.00620	.02469	47.771	.93149	.00079	.01650	7.7039	.01294	[illegible]
58	[illegible]	.03142	.01118	.00159	.03451	9.7565	.00575	.00028	.00355	.45802	.00177	[illegible]
59	[illegible]	.10319	1.0759	.14262	.03392	57.871	.13327	.10175	.10624	12.903	.11503	[illegible]
60	[illegible]	.17477	1.1175	.12406	.02471	53.287	.13324	.10235	.11913	12.884	.12075	[illegible]
61	[illegible]	.03729	-.00050	.00577	.03563	86.767	.04803	.00324	.03080	2.6703	.01069	[illegible]
62	[illegible]	.00198	.01175	.03468	.01136	14.683	.00735	.00068	.00982	1.4723	.00853	[illegible]
63	CC45	2.4525	28.840	2.3885	.51857	58.545	2.4452	2.5027	2.4646	62.369	1.0509	CC45
64	CC85	.00129	-.00025	-.00018	.00112	.00592	.00838	.00115*	.00017	.02390	.00044	CC85
65	[illegible]	.00157	.02754	.03445	.01965	44.688	.01258	.00025	.00872	2.4515	.01008	[illegible]
66	[illegible]	.00423	.03523	.03417	.03389	108.44	.06235	-.00031	.02641	1.5570	.00124	[illegible]
67	[illegible]	.03592	.03804	.00795	.03843	134.64	.28941	-.00050	.04294	2.3557	.00342	[illegible]
68	[illegible]	.02597	.01591	.02094	.00449	5.8422	.01892	.00346	.03701	.93507	.05253	[illegible]
69	[illegible]	.00492	1.2044	.01081	.00156	10.923	.92255	.00006	.01934	4.3065	.00025	[illegible]
70	[illegible]	.00774	.03827	.00715	.03886	84.443	.04541	-.00040	.03108	2.5446	.01329	[illegible]
71	[illegible]	.00345	.01689	.03600	.02449	48.611	.02955	-.00021	.01658	2.3306	.00170	[illegible]
72	CC96	2.5249	28.217	2.3958	.51523	57.341	2.4374	2.5602	2.4855	63.418	1.0531	CC96
73	CC86	.00119	.00155	-.00044	.00329	-.00192	.00075	.00135*	.00020	.04019	.00350	CC86
74	[illegible]	.00352	-.00677	.00619	.02134	47.715	.03136	.00019	.01642	2.0707	.01370	[illegible]
75	[illegible]	.00856	-.00675	.00719	.03850	86.133	.04306	-.00022	.02049	2.3442	.01011	[illegible]
76	[illegible]	.00194	.00509	.00524	.01359	14.621	.05674	.00063	.01286	1.3865	.00887	[illegible]
77	[illegible]	.01163	-.00398	.00478	.01541	42.671	.01234	.00025	.00849	2.6706	.00603	[illegible]
78	[illegible]	.00429	.00411	.00688	.03620	108.42	.02103	-.00025	.02654	1.5332	-.00066	[illegible]
79	[illegible]	.00517	1.2317	.00731	.03422	152.25	.19505	-.00057	.03386	2.3118	.00014	[illegible]
80	[illegible]	.00624	.05733	.02258	.00279	5.2245	.00809	.00381	.00749	.81523	.05172	[illegible]
81	[illegible]	.00481	.52364	.01545	.00014	10.650	.90525	.00026	.00736	3.8880	.00275	[illegible]
82	[illegible]	.00544	-.00434	.00567	.00785	90.135	.04019	-.00027	.03104	2.4021	.01139	[illegible]
83	[illegible]	.00316	-.00159	.00596	.02270	45.251	.02149	-.00011	.01541	2.0788	.00923	[illegible]
84	CC97	2.4871	28.109	2.3946	.51068	59.916	2.4527	2.4794	2.4484	63.461	1.0635	CC97
85	CC87	-.00001	.00077	.00077	-.00122	-.00247	.00525	.00398*	.00001	-.00258	.00128	CC87
86	MRL12903	.01034	.22217	.01032	.01070	1.0192	.01113	.01075	.01689	1.0661	.00150	MRL12903
87	CC49	2.5213	25.731	2.4218	.51771	58.484	2.4441	2.5519	2.5013	64.925	1.0513	CC49
88	CC89	.00005	.00296	.00045	-.00126	-.00435	.00019	.00189*	.00073	.00474	-.00074	CC89
89	[illegible]	.69499	76.468	7.3036	.00427	59.205	1.2921	.51504	.51357	69.647	.83579	[illegible]
90	[illegible]	.17773	73.714	6.9748	.01457	6.7952	.82626	.60119	.03120	9.4946	.00342	[illegible]
91	[illegible]	.03567	14.066	1.8.46	.00090	1.2803	.15376	.10021	.10590	1.7568	.00137	[illegible]
92	[illegible]	.22677	78.536	7.5317	.60515	15.636	.69132	.03670	.12164	18.640	.03471	[illegible]
93	[illegible]	.23997	60.658	16.582	.00485	15.915	.79819	.00939	.10286	16.594	.09918	[illegible]
94	[illegible]	.19662	94.654	9.5437	.09704	5.3177	1.3671	.29698	.03939	8.7353	.00189	[illegible]
95	[illegible]	.19749	71.633	2.6515	.00375	7.2876	.78484	.01261	.04477	3.0303	.00929	[illegible]
96	[illegible]	.28783	149.22	9.7153	.00758	13.395	.99279	.01075	.07670	10.962	.00364	[illegible]
97	[illegible]	.21167	58.433	.29355	.00457	9.6381	1.3628	.01283	.03450	21.991	.00722	[illegible]
98	MRL12904	.01355	.27217	.01038	.01034	.98521	.01024	.01096	.01112	1.0589	.01087	MRL12904
99	CC49	2.5477	25.178	2.4342	.52547	56.599	2.4192	2.5954	2.5261	66.472	1.0493	CC49
100	CC89	.01305	-.00228	.00139	-.00374	.03655	.00372	.00095*	.00719	.03749	-.00041	CC89
101	[illegible]	.68382	28.847	7.3491	.01167	7.5536	1.2443	.02042	.03142	12.232	.00267	[illegible]
102	[illegible]	.36594	164.53	2.6342	.00412	6.5617	.77221	.01117	.06165	12.082	.00377	[illegible]
103	[illegible]	3.7307	166.03*	5.3744	.01043	6.3671	2.8957	.15181	1.1283	5.6269	.00470	[illegible]
104	[illegible]	1.1279	500.51	10.325	.01166	5.4539	1.9683	.01413	.10654	4.0373	.00146	[illegible]
105	[illegible]	.12439	90.699	20.013	.00790	8.3935	1.3950	.00027	.03993	5.2722	.00583	[illegible]
106	[illegible]	.31728	134.86	12.926	.00371	20.689	1.1272	.00216	.12675	2.3187	.00317	[illegible]
107	[illegible]	.13923	131.27	1.6352	.02080	6.4659	1.3766	.00180	.06226	14.469	.00134	[illegible]
108	[illegible]	.32100	159.36	6.1962	.00475	3.2911	1.2356	.01053	.06443	16.284	.00264	[illegible]
109	[illegible]	.40072	101.05	3.1359	.00338	5.9044	.36229	.01608	.04877	11.440	.00155	[illegible]
110	MRL12905	.01058	.22759	.01057	.01047	.97121	.01099	.01073	.02094	1.0755	.00935	MRL12905
111	CC410	2.5580	25.273	2.4296	.52639	58.815	2.4044	2.5971	2.5203	64.924	1.0673	CC410

112	CCB10	.00015	-.00072	.00012	-.00164	-.00433	.00010	.00010*	.00014	.00563	.00063	CCB10
113	I130-01A	1.5513	350.12	34.869	.00917	80.174	4.5091	.57372	.63397	109.09	.61432	I130-01A
114	I130-01	.96011	359.35	35.140	.00193	37.655	4.5225	.00774	.16374	50.252	.01736	I130-01
115	I130-01D	.27320	72.757	6.6849	.00548	6.3943	.70684	.00097	.00070	9.0702	.00313	I130-01D
116	I130-01M	1.0527	364.25	39.508	.00278	81.679	3.5406	.53031	.65041	109.53	.54789	I130-01M
117	I130-01S	1.3413	303.79	81.633	.04062	85.454	4.6243	.53273	.66424	95.329	.55650	I130-01S
118	I130-03	1.6724	352.55	19.147	.02585	36.277	3.9577	.03285	.24235	51.302	.01230	I130-03
119	I130-05	2.9606	831.65*	3.9664	.07321	133.15	10.622	.19103	.49820	317.46	.69111	I130-05
120	I130-06	4.7303	184.72	35.651	.06431	36.266	6.0237	.03585	.16546	67.568	.00623	I130-06
121	I130-09	5.3131	1375.5*	52.195	.03117	25.869	9.5445	.09315	.55742	22.116	.01646	I130-09
122	MRL12906	.01885	.22719	.01064	.01115	.95198	.01621	.01095	.01311	1.0396	.01120	MRL12906
123	CCV10	2.5768	24.942	2.4362	.53052	56.681	2.3685	2.6276	2.5431	64.639	1.0528	CCV11
124	CCV11	.00013	.00773	-.00058	-.00005	.08518	.00035	.00117*	.00002	.07869	.06078	CCB11
125	I130-10	1.1501	726.89*	190.46*	.06900	72.369	11.656	.01576	.26392	86.396	.03341	I130-10
126	MRL12907	.01093	.22312	.01075	.01076	.95394	.01062	.01104	.01097	1.0649	.01081	MRL12907
127	ICSA3	.00135	195.75	-.00615	-.00756	183.41	.07609	-.00797	.50047	.12720	.00156	ICSA3
128	ICSA63	.51416	183.37	.91482	1.0690	177.41	.43511	1.0442	.54581	82.354	1.0443	ICSA63
129	CCV12	2.6148	25.490	2.4362	.53014	55.572	2.3793	2.6212	2.5498	63.781	1.0564	CCV12
130	CCB12	.00313	.00297	.00014	.00014	.00447	.00017	.00132*	.00312	.04483	.00045	CCB12
131	Z222	-.00062	-.00079	-.00026	-.00038	.00399	.00011	.00015	.00010	.05476	.01039	Z222
132	Z222	.00130	.83444	.00119	-.00059	.03954	.01459	.00082	-.00014	.27363	.03656	Z222
133	Z222	.00129	.52416	.00164	-.00093	.09345	.01452	-.00093	-.00013	.27106	.03529	Z222
134	Z222	.00124	.67446	.00124	-.00039	.11306	.01651	-.00124	-.00014	.25836	.03659	Z222
135	Z227	.00018	.03947	.00006	.00061	.02581	.00298	-.00019	.00004	.36999	.00814	Z227
136	CCV13	2.6173	25.765	2.3912	.51361	57.139	2.3382	2.5194	2.4759	64.211	1.0595	CCV13
137	CCB13	.00039	-.00106	.00075	-.00016	.00529	.00013	.00004*	.00010	.03705	-.00002	CCB13
138	IP109158	-.00301	.00072	.00959	-.00099	-.00130	.00037	.00024	.00040	.02811	.00116	IP109158
139	IP109150	.47637	4.9613	.47363	-.00208*	46.045	.46789	.51330	.49250	51.704	.48201	IP109150
140	IP109150	.47721	4.9739	.47267	-.00174*	45.626	.46439	.55844	.49458	51.046	.47830	IP109150
141	I354-01A	.54786	60.279	.52259	.01438	51.640	3.1568	.51712	.53669	54.334	.52627	I354-01A
142	I354-01	.02194	58.230	.02323	.01664	4.6428	.73189	.00194	.24340	2.0668	.00378	I354-01
143	I354-01D	.00414	31.570	.00487	.00317	.94237	.14121	.00932	.00360	.47348	.00382	I354-01D
144	I354-02	.04023	60.073	.03837	.01774	4.3914	1.3594	.03143	.03716	2.1337	.00211	I354-02
145	I354-03	.03939	53.697	.04925	.01732	4.4148	1.3176	.03152	.04830	2.1082	.00328	I354-03
146	I354-04	.05855	67.868	.06242	.01934	5.2069	2.9941	.00139	.05154	2.1966	.00425	I354-04
147	CCV14	2.5125	25.312	2.3913	.51854	56.523	2.3171	2.5327	2.4753	64.689	1.0532	CCV14
148	CCB14	.00059	-.00042	.00070	-.00094	.00044	.00012	.00112*	.00016	.02767	-.00031	CCB14
149	IP109658	.00015	.00403	.00542	-.00140	.01061	.00012	.00053	.00009	.03378	.00025	IP109658
150	IP109651	.50595	5.3970	.49351	-.00295*	48.395	.49227	.52502	.51285	52.426	.52991	IP109651
151	IP109650	.50017	5.3695	.49226	-.00186*	48.812	.49117	.52425	.51227	52.916	.51422	IP109650
152	I199-04A	.31432	20.962	.51006	.00592	51.673	.41245	.42267	.49196	57.341	.51698	I199-04A
153	I199-04	.01094	27.134	.01736	.00780	1.4755	.13021	.00204	.01494	3.2041	.00257	I199-04
154	I199-04D	.00238	5.5546	.00367	.00006	.29732	.03655	.00035	.00326	.63.96	.00039	I199-04D
155	I199-04M	.53903	35.374	.51044	.01254	49.662	.62827	.50968	.53493	55.249	.50412	I199-04M
156	I199-04S	.49989	32.352	.49168	.01293	46.467	.50019	.49979	.52007	53.212	.47809	I199-04S
157	I199-01	.33770	26.493	.14487	.01377	1.9621	.20707	.00235	.07127	4.1019	.00155	I199-01
158	I199-02	.01289	33.211	.02952	.00784	1.4144	.08530	.00204	.01699	3.1351	.00112	I199-02
159	CCV15	2.5382	25.240	2.4073	.52343	54.666	2.3319	2.5838	2.5213	63.603	1.0547	CCV15
160	CCB15	.00013	.00181	.00052	-.00017	.05961	.00029	.00120*	.00013	.04379	-.00017	CCB15
161	I199-03	.01105	34.775	.02741	.00939	1.4821	.08825	.00242	.01824	3.3015	.00149	I199-03
162	I199-05	1.6329	37.730	3.0873	.00768	1.9691	.43962	.00237	.02273	3.1274	.00152	I199-05
163	I199-06	.01364	21.439	.02476	.00933	1.6317	.07030	.00126	.02003	3.4565	.00184	I199-06
164	I199-07	.21012	29.852	.35690	.00912	1.9269	.10309	.00199	.01816	2.8659	.00157	I199-07
165	I199-08	.12745	38.520	.11644	.00654	1.6883	.28765	.00171	.02102	2.5277	.00065	I199-08
166	I199-09	.01469	25.394	.01810	.00759	1.5014	.05944	.00151	.01517	2.7539	.00128	I199-09
167	I199-10	.01122	33.769	.02527	.00975	1.8121	.10129	.00109	.01919	3.0620	.00073	I199-10
168	I199-11	.35750	39.087	.54715	.00306	1.6716	.12632	.00183	.01764	3.0389	.0061	I199-11

169	[199-12	.02254	32.952	.04041	.00966	1.9514	.12270	.00162	.02269	2.9322	.00085	[199-12	
170	[199-13	.01939	31.277	.04567	.00972	1.7659	.11932	.00158	.02012	2.8361	.00218	[199-13	
171	CC016	2.5523	24.524	2.4016	.51882	54.150	2.3169	2.5342	2.5399	63.835	1.0498	CC016	
172	CC916	.00119*	.01350*	.00141	-.00025	.01428	.00141*	.00116*	.00185*	.08659	.00033	CC916	
173	[199-14	.17583	30.773	.59917	.01522	1.9280	.19405	.00196	.02031	3.3059	.00089	[199-14	
174	[199-15	.01429	34.744	.04148	.01609	1.7634	.07385	.00219	.02565	3.9616	.00281	[199-15	
175	[199-16	.04113	37.139	.04414	.01262	1.9380	.15121	.00162	.01940	2.5666	.00221	[199-16	
176	[199-17	.02079	28.761	.01990	.00309	1.7033	.20237	.00152	.01765	3.6178	.00221	[199-17	
177	[199-18	.00562	30.375	.01986	.00976	1.5475	.10477	.00159	.01896	2.4479	.00113	[199-18	
178	[199-19	.09696	35.022	7.6225	.01152	1.0966	.33565	.00158	.02358	2.7352	.00196	[199-19	
179	[322-02T	.05643	15.435	10.031	.03114	1.5269	.17846	.00019	.00547	1.0635	.00017	[322-02T	
180	CC917	2.5634	24.569	2.4063	.52676	54.000	2.3261	2.5990	2.6111	64.543	1.0522	CC917	
181	CC817	.00021	.00036	.00049	-.00018	.00398	.00104	.00106*	.00013	.02581	.00036	CC817	
182	IP106958	.00006	-.00036	.00009	.00062	.00186	.00360	.00023	.00086	.03558	-.00156	IP106958	
183	IP106958	.51174	5.1551	.49588	-.00205*	46.394	.43161	.54665	.51998	62.581	.50505	IP106958	
184	IP106958	.50715	5.0025	.49479	-.00210*	44.952	.47460	.54153	.50835	51.735	.49538	IP106958	
185	[379-01A	.55639	122.13	2.0045	.06303	89.525	3.3455	.55952	.69468	61.967	.50549	[379-01A	
186	[379-01	.44193	120.93	1.5311	.06127	46.924	2.9153	.02664	.21789	6.3036	.01036	[379-01	
187	[379-010	.08865	25.741	.31361	.01328	5.1343	.68339	.00511	.04301	1.6341	.00170	[379-010	
188	[379-02	.12862	115.85	.70823	.09698	62.610	2.5645	.03002	.03849	8.6525	.01201	[379-02	
189	[461-01	34.095*	926.63*	5.8426	.21094	125.31	17.591	.69356	.45905	29.959	.02283	[461-01	
190	[461-02	23.089*	819.92*	2.5666	.12699	75.717	15.577	.33534	.94124	24.714	.02392	[461-02	
191	[461-03	26.476*	393.70*	3.3421	.12074	74.562	15.879	.32552	.90285	22.405	.01759	[461-03	
192	CC918	2.5867	25.286	2.4993	.52125	54.834	2.3690	2.5891	2.6101	63.831	1.0715	CC918	
193	CC818	.00275	.00065	.00036	-.00054	-.00190	.00023	.00119*	.00287	.03555	-.00050	CC818	
194	[461-04	15.102	863.75*	1.9862	.12518	76.173	17.389	.17444	1.0779	34.349	.02007	[461-04	
195	[364-01	.09966	202.80	.80057	.01453	3.0606	3.8251	.02524	.06280	3.0193	.00920	[364-01	
196	[364-02	.05624	155.56	.34479	.01649	4.1175	5.3142	.03617	.05695	2.5516	.00580	[364-02	
197	[364-03	.07460	104.11	.42495	.01144	3.0897	3.3318	.00405	.06430	2.1122	.00396	[364-03	
198	[364-04	.06642	128.39	.40791	.01343	3.4134	5.8563	.00565	.00335	3.2956	.00551	[364-04	
199	[364-05	.22362	26.638	4.3854	-.00855	56.592	1.0939	-.01032*	.04459	1.0656	.00365	[364-05	
200	[256-01	.09926	70.122	.20836	.02665	8.8969	1.0856	.00819	.07832	4.5229	.00274	[256-01	
201	[256-02	.18451	60.420	.15193	.02601	8.0825	.34495	.00816	.07483	4.7375	.00329	[256-02	
202	[256-03	.19337	64.032	.21036	.03619	5.2056	1.2515	.01179	.05485	5.0730	.00217	[256-03	
203	CC019	2.5566	24.542	2.4059	.52035	54.759	2.3170	2.5937	2.6179	63.956	1.0287	CC019	
204	CC819	.00022	.00009	.00060	-.00079	.00457	.00011	.00137*	.00217	.03557	.00064	CC819	
205	[256-04	.41126	176.21	.71061	.02368	5.8397	1.0558	.07811	.16751	5.3360	.00373	[256-04	
206	[256-05	.24407	97.158	.34650	.02638	3.6928	1.1222	.02362	.17119	3.7137	.00363	[256-05	
207	[256-06	.14792	56.581	.20265	.02266	9.7195	.92329	.02076	.09017	3.5771	.00366	[256-06	
208	[256-07	1.7799	168.62	.34653	.01836	8.3284	1.2119	.04208	.14227	3.5971	.00260	[256-07	
209	[256-08	.12028	188.41	.59819	.04832	10.592	1.4936	.01456	.08356	3.7435	.00337	[256-08	
210	[256-09	.63250	67.280	.29195	.02350	10.675	.90578	.01939	.07976	3.0534	.00314	[256-09	
211	[256-09M	1.2922	74.519	.55488	.02344	57.164	1.3772	.54547	.51708	56.527	.50611	[256-09M	
212	[256-09S	1.1771	79.786	.74019	.02350	58.233	1.3772	.54145	.50164	56.141	.50396	[256-09S	
213	CC020	2.5278	24.630	2.3989	.51551	54.751	2.2053	2.5650	2.5916	63.832	1.0385	CC020	
214	CC820	.00503	.00095	.00039	.00123	.00183	.00018	.00115*	.00304	.02714	.00053	CC820	
215	MR.12908	.01038	.01573	.00381	.00327	.00189	.00034	.00101	.01099	1.0344	.01306	MR.12908	
216	CC021	2.5526	25.187	2.3972	.51512	54.857	2.3129	2.5528	2.5635	63.240	1.0367	CC021	
217	CC821	.00393	-.00384	.00040	-.00076	.01201	.00096	.00139*	.00037	.02738	.00420	CC821	
218	[120-01T	.10091	70.382	16.383	.00699	6.8305	1.8761	.00879	.03348	1.6213	.00070	[120-01T	
219	[120-01A	.93510	5.8361	.53311	.01323	83.506	.54490	.54456	.60669	58.827	.59468	[120-01A	
220	[120-01W	.02180	.27240	.02343	.01477	33.172	.01726	.05240	.17549	1.2221	.00739	[120-01W	
221	[120-01J	.00147	.05486	.00424	.00226	6.4406	.03355	.01170	.03547	.66738	.00305	[120-01J	
222	[148-02	.00076	1.2215	.01335	.00913	111.04	.31638	.00067	.00238	14.635	-.00182	[148-02	
223	[148-03	.00104	1.9560	.01310	.01236	134.12	.47489	.00009	.00115	16.309	-.00243	[148-03	
224	MR.12909	.01062	.01092	.01071	.01087	.02543	.01052	.01096	.01107	1.2209*	.01020	MR.12909	
225	[148-04	.00116	1.9519	.01278	.02543	224.32	.52423	.00116	.00158	57.973	-.00113	[148-04	

225	00472	2.5433	24.609	2.3999	.51568	56.246	2.3074	2.5780	2.5153	63.550	1.0217	00422
227	00822	.00011	-.00093	.00069	-.00045	.00679	.00032	.00159*	.00019	.13929	.00049	00822
228	0E100153	.00016	.00015	.00054	-.00046	.00161	.00019	.00007	-.00012	.11534*	.02243*	0E100158
229	1172-064	.51589	6.1419	.50548	-.00055	44.093	.48363	.56363	.52870	61.991	.60019	1172-064
230	1172-06	.00074	.05431	.00071	-.00038	.02893	.01209	-.00008	.00057	.07972	.05509	1172-06
231	1172-060	.00621	.05127	-.00012	-.00035	.02755	.06239	-.00056	-.00025	.29241	.06677	1172-060
232	1172-063	.00007	.03686	.00046	-.00138	.00214	.00049	-.00012	.00016	.06537	.01236	1172-063
233	1C5A4	.00013	199.80	-.00844	-.00580	194.66	.02643	-.00390	.00081	.00703	.06712	1C5A4
234	1C5A04	.49965	230.02	.92256	1.0446	193.94	.45069	1.0037	.97305	83.326	1.0367	1C5A04
235	00423	2.4314	76.270	2.3578	.50262	52.582	2.3629	2.4404	2.4404	64.179	1.0234	00423
236	00803	-.00010	-.00542	.00045	.00154	-.00365	.00045	.00136*	.00029	-.05035	.00181	00523
INDX	ESTD	Cu	Fe	Pb	Li	Mg	Mn	Mo	Na	K	Se	ESTD

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INDX	LSID	As	Ba	Sr	Cl	Sc	Ti	V	Zn	LSID
1	Blank	.00020	.00147	-.00008	-.00030	.00006	.00001	.00027	.00031	Blank
2	S22									S22
3	S21									S21
4	S22							.11927		S22
5	S23							1.1837		S23
6	S24		.69536							S24
7	S25		5.1336							S25
8	S26									S26
9	S27									S27
10	S28				.7227					S28
11	S29				1.2918					S29
12	S30	.03742		.57062		.02941	.01456		.69345	S30
13	S31	.19405		.51037		.14296	.07297		6.5999	S31
14	IC7	.50865	69.647	.45637	2.4853	.49953	.50631	1.5173	2.5678	IC7
15	IC8	.00011	-.00828	.00091	.00129	-.00047	.00046	-.00015	.01076	IC8
16	NBL12901	.01009	1.0322	.01092	.01098	.00020	.01049	.01984	.01251*	NBL12901
17	ZZZZ	.01049	1.0482	.01052	.01031	.00039	.01083	.01009	.01200	ZZZZ
18	IC541	-.00020	.05350	.00056	-.00049	.00099	.00217	-.00054	.00546	IC541
19	ICSA81	1.0397	80.380	.48195	.92364	.96534	.96649	.45925	.97653	ICSA81
20	CC71	.45322	61.291	.48113	2.4281	.48916	.49307	1.4752	2.4946	CC71
21	CC81	.00015	-.00863	.00002	.00140	-.00016	.00069	-.00001	.00259	CC81
22	NBL12902	.00344	.51457	.01020	.01022	.01957	.01984	.00957	.01154*	NBL12902
23	IP1090W0	.00325	-.04099	.00052	.00118	-.00031	.00010	-.00003	.00139	IP1090W0
24	IP1090W7	.59019	53.757	.48874	.51841	.49623	.57759	.51309	.53074	IP1090W7
25	IP1090W8	.53475	52.761	.47966	.58952	.49579	.51624	.50271	.51837	IP1090W8
26	1173-024	.44381	101.35	.73427	.52399	.46401	.52584	.51365	.55127	1173-024
27	1173-02W	-.00056	49.408	.32329	.02925	.00622	.00473	.00036	.02953	1173-02W
28	1173-02J	.00059	9.7724	.00614	.00001	.00165	.00144	.00012	.00680	1173-02J
29	CC92	.53523	52.913	.49192	2.4621	.49271	.49983	1.4962	2.5271	CC92
30	CC97	.00016	.00015	.00001	.00094	-.00002	.00066	-.00015	.00136	CC97
31	1120-014	.34679	267.20	.93139	.81426	.75208	.48734	.57635	.55186	1120-014
32	1120-01W	.00135	114.09	.41397	.00168	.01207	.00404	.01020	.01459	1120-01W
33	1120-01J	.00191	22.694	.07563	-.00040	.01059	.00189	.00197	.00254	1120-01J
34	1149-03	.50357	1000.7*	1.0961	.06397	-.00069	.01700	.00936	.70532*	1149-03
35	1149-017	.00003	1667.1*	2.4335	-.00006	.00174	.00382	-.00145	.00173	1149-017
36	1149-01W	.10347	1481.2*	2.3967	.05174	.09483	.10297	.09471	.10400	1149-01W
37	1149-01S	.10935	1481.1*	2.4275	.09116	.09625	.10178	.09583	.09979	1149-01S
38	1149-02T	-.00026	101.37	.00630	.00038	-.00031	.00405	-.00027	.00129	1149-02T
39	1149-02T	.00091	156.21	.08688	-.00070	.00037	.00338	-.00041	.00162	1149-02T
40	1149-04T	-.00027	351.15	1.1092	-.00015	-.00015	.00409	-.00053	.00254	1149-04T
41	CC93	.51173	64.573	.50122	2.4201	.49389	.50471	1.5719	2.5691	CC93
42	CC93	.00127	18307*	.05033	.00014	-.00011	.00039	-.00008	.00091	CC93
43	1244-02W	.00508	1287.8*	2.1212	.03940	-.00004	.00233	.00054	.03073	1244-02W
44	1244-03W	.00017	466.24	.91271	.00225	.00004	.00283	.01445	.00266	1244-03W
45	1244-04W	-.00022	913.31*	2.3529	.00054	.00032	.00387	.02646	.00743	1244-04W
46	1244-05W	-.00087	571.55	1.6772	-.00016	-.00061	.00475	.01199	.00769	1244-05W
47	1244-02T	.00013	151.19	.20962	.00012	-.00038	.00176	.00235	.00172	1244-02T
48	1244-04T	-.00026	87.225	.20700	.00257	-.00016	.00140	.00225	.00105	1244-04T
49	IC542	.00007	.50752	.07014	.00039	.00135	.00486	.00089	.01056	IC542
50	ICSA82	1.0190	80.425	.48339	.92410	.95605	.96307	.47405	.99459	ICSA82
51	CC94	.51392	64.994	.49970	2.4391	.49380	.50571	1.5309	2.5832	CC94
52	CC94	.00002	14669*	-.00005	.00049	.00006	.00051	-.00011	.00188	CC94
53	IP1078W0	.00059	.18215*	.00001	.00133	-.00043	.00012	-.00089	.00970*	IP1078W0
54	IP1078W1	.50948	55.934	.49922	.51538	.48886	.51015	.49573	.52293	IP1078W1

55	[illegible]	.51533	54.820	.48916	.51563	.48713	.51640	.50993	.53378	[illegible]	
56	1128-014	.51700	475.08	.59350	.51106	.49652	.52381	.51906	.56565	1128-014	
57	1128-010	.00024	422.69	.10311	.00046	.00015	.00306	.00328	.02220	1128-017	
58	1128-010	.00017	90.149	.07124	.00048	-.00002	.00043	-.00093	.00507	1128-010	
59	1128-018	.10105	437.14	.19756	.09680	.08695	.10329	.09827	.13534	1128-01*	
60	1128-015	.10369	441.11	.23322	.09814	.09851	.13543	.10109	.13027	1128-015	
61	1128-037	.00020	546.70	.17889	.00058	.00040	.00136	-.00042	.02235	1128-037	
62	1128-057	.00008	317.01	.03094	.00022	-.00004	.00141	.00252	.00271	1128-057	
63	0045	.50690	65.274	.49452	2.4369	.48718	.49585	1.6179	2.5936	0045	
64	0085	.00012	.19165*	-.00065	.00025	-.00006	.00055	-.00057	.00144	0035	
65	1128-097	.00007	473.90	.09127	.00041	.00006	.00199	.00112	.00038	1128-097	
66	1128-097	-.00010	484.31	.07323	.00024	-.00011	.00261	-.00083	.01312	1128-097	
67	1128-117	.00025	484.39	.44970	.00074	.00013	.00295	-.00192	.00471	1128-117	
68	1128-13	.00027	269.11	.02603	.00171	-.00007	.01044	.00645	.01307	1128-13	
69	1128-15	.00019	96.620	.13979	.00135	.00096	.00256	.00298	.02679	1128-15	
70	1128-177	.00002	636.21	.17869	.00026	.00205	.09136	-.00009	.03724	1128-177	
71	1128-191	-.00009	424.64	.10143	.00306	-.00015	.00121	.00027	.01321	1128-191	
72	0046	.50915	66.634	.49976	2.4789	.48576	.49644	1.6103	2.5637	0046	
73	0066	-.00052	.20325*	-.00004	.00152	.00042	.00150	-.00012	.00126	0096	
74	1128-027	.00004	422.65	.10230	.00006	-.00005	.00056	-.00032	.01725	1128-027	
75	1128-041	.00002	550.68	.17650	-.00019	.00037	.00142	-.00043	.02261	1128-041	
76	1128-047	.00026	321.17	.32954	-.00019	.00012	.00076	.00281	.00556	1128-061	
77	1128-081	.00211	472.95	.39483	.00069	.00001	.00135	.00103	.00706	1128-087	
78	1128-107	.00007	465.60	.17195	.00056	.00046	.00205	.00087	.01382	1128-107	
79	1128-127	.00029	474.01	.43104	-.00007	.00017	.00242	-.00141	.02378	1128-127	
80	1128-14	.00024	273.46	.52418	.00308	.00031	.00379	.00447	.01391	1128-14	
81	1128-16	.00019	96.897	.13119	.00146	-.00019	.00299	.00099	.01087	1128-16	
82	1128-187	.00013	557.95	.17756	.00023	.00037	.00161	-.00091	.02485	1128-187	
83	1128-207	.00036	426.71	.10138	-.00002	.00040	.00073	-.00055	.01538	1128-207	
84	0047	.51166	66.172*	.49191	2.4297	.48456	.49857	1.5291	2.5306	0047	
85	0087	.00028	.19775*	-.00018	.00011	-.00043	.00376	.00097	.00134	0037	
86	MRL12903	.01945	1.3886*	.01053	.01032	.00014	.01098	.00978	.01265*	MRL12903	
87	0048	.51431	55.982	.50292	2.4375	.49119	.50526	1.5405	2.5252	0048	
88	0088	-.00002	.11511*	.00003	.00577	.00022	.00074	-.00040	.01210	0088	
89	1130-014	.49411	69.071	.39476	.51211	.50383	.52880	.53158	9.5514	1130-014	
90	1130-010	.00853	3.5095	.33106	.01365	.02205	.13141	.02113	9.3921	1130-010	
91	1130-011	.00005	.67522	.06252	.00035	.00410	.02524	.00363	1.1954	1130-011	
92	1130-018	.00350	14.708	.52881	.02307	.15416	.24446	.10962	11.051	1130-018	
93	1130-015	.09639	15.175	.56115	.10799	.11438	.31140	.11752	16.907	1130-015	
94	1130-020	.00054	2.7588	2.403	.00017	.00117	2.407	.02211	5.7615	1130-020	
95	1130-037	.00111	6.2691	.59760	.00030	.01872	.13947	.01518	6.1493	1130-037	
96	1130-041	.00353	3.5927	.34085	.00170	.01729	.24075	.02278	12.403	1130-041	
97	1130-051	-.00005	2.4280	.40524	-.00046	.00098	.04006	.03234	1.6655	1130-051	
98	MRL12904	.01371	1.1376	.01057	.01000	.00017	.01081	.00993	.01228*	MRL12904	
99	0049	.51643	56.058*	.50687	2.5091	.49224	.50506	1.5336	2.5948	0049	
100	0089	.00012	.01716	.00307	.00564	.00043	.00564	-.00002	.00115	0089	
101	1130-061	.00095	7.1050	.46129	.00197	.02366	.18714	.14005	10.452	1130-061	
102	1130-071	.01094	4.6765	.24321	.00193	.11549	.35575	.01232	7.6695	1130-071	
103	1130-081	.00228	4.3620	.27124	.00295	.04746	.21125	.03294	8.2094	1130-081	
104	1130-091	.00166	3.6417	.37361	.00269	1.0032	.17304	.05715	15.121	1130-091	
105	1130-101	.00135	2.8111	.45193	-.00062	.04723	.02654	.05710	17.334	1130-101	
106	1130-111	.00240	1.2351	.19436	.00162	.03266	.38603	.03136	12.429	1130-111	
107	1130-121	.00675	5.6560	.24242	.00105	.02909	.15628	.05494	6.8224	1130-121	
108	1130-131	.00155	4.5301	.31237	.00124	.02550	.07637	.01029	5.3889	1130-131	
109	1130-141	.00282	5.6327	.41046	.00338	.02142	.05647	.01037	4.8728	1130-141	
110	MRL12905	.01069	1.1060	.01169	.01029	.00024	.01056	.00994	.01226*	MRL12905	
111	0050	.51551	66.491*	.50635	2.5084	.49258	.50154	1.5374	2.5847	0050	

112	CC910	-.00002	-.01565	-.02508	.00096	-.00029	.00074	-.00031	.00106	CC810	
113	1130-01A	.54410	37.230	2.2077	.53945	.61819	1.1761	.65448	43.721*	1130-01A	
114	1130-01	.00370	17.357	1.7037	-.00114	.12075	.54884	.10553	44.147*	1130-01	
115	1130-01C	.00051	3.2923	.02130	.07060	.07225	.12743	.02022	6.9945	1130-01C	
116	1130-01M	.52784	81.172	2.8963	.03958	.56073	1.2850	.59418	54.047*	1130-01M	
117	1130-01S	.54097	87.436	3.5564	.13717	.60675	1.6257	.63367	81.592*	1130-01S	
118	1130-03	.02937	26.907	3.9162	-.00227	.10361	.54320	.08135	28.576	1130-03	
119	1130-05	.03455	30.684	5.4951	-.01450*	.11358	.36576	.45534	22.437	1130-05	
120	1130-06	.00601	36.928	2.3907	.00011	.12309	.90663	.20831	45.984*	1130-06	
121	1130-09	.51016	8.2725	1.9615	-.01389*	5.2584	.65125	.34644	76.273*	1130-09	
122	MRL12926	.01179	1.1679	.01035	.01126	.00944	.01107	.00987	.01247*	MRL12926	
123	CC913	.61722	66.263*	.50377	2.5274	.49460	.50213	1.5171	2.5389	CC913	
124	CC815	.00000	-.01899	-.00084	.00112	-.00026	.00054	.00002	.00096	CC815	
125	1130-10	.01146	16.905	4.1291	-.00547*	.37543	.15255	.51114	127.80*	1130-10	
126	MRL12907	.01068	1.0985	.01215	.01069	.00037	.00379	.00977	.01245*	MRL12907	
127	1C543	.00002	.04097	.00273	-.00060	.00107	.01456	-.00064	.01291	1C543	
128	1C5483	1.0538	84.365	.49469	.94523	.54650	.95509	.46799	.57255	1C5483	
129	CC912	.61592	66.815*	.51302	2.5398	.43562	.49783	1.5091	2.4596	CC912	
130	CC812	.00396	-.01034	.00024	.00108	-.00029	.00058	.00000	.00102	CC812	
131	2222	-.00014	-.00945	-.00002	-.00790*	.00263	-.00017	.00385	.00122	2222	
132	2222	-.00008	24.541	.03546	-.03592*	.01912	.02970	.00116	.00411	2222	
133	2222	.00007	24.225	.03546	-.03947*	.03947	.03364	.00049	.00392	2222	
134	2222	.00054	35.624	.00564	-.04242*	.01239	.03364	.03105	.00371	2222	
135	2222	.00026	4.8730	.00105	-.03740*	.00184	.00569	.00037	.00214	2222	
136	CC913	.50830	65.998	.50066	2.4578	.48522	.49561	1.5129	2.5792	CC913	
137	CC813	.00019	-.03372	-.03011	.00016	-.00042	.00099	-.00041	.00185	CC813	
138	IP109158	.00024	-.05167	.03502	.00105	.00390	-.00032	-.00020	.00352	IP109158	
139	IP109151	.48106	57.978	.41399	.48462	.49976	.50376	.49230	.51898	IP109151	
140	IP109151	.47971	52.600	.46869	.48365	.49128	.49450	.47469	.51146	IP109151	
141	1354-01A	.48948	55.043	.57327	.51272	.53839	2.5735	.66835	.38396	1354-01A	
142	1354-01	.00300	.63677	.03546	.00096	.02870	2.1330	.16059	.04702	1354-01	
143	1354-01C	.00012	.08262	.01907	-.00026	.00537	.42750	.02972	.00999	1354-01C	
144	1354-02	.00040	.72667	.12604	.01014	.02154	2.0134	.16590	.04927	1354-02	
145	1354-03	.00159	.72548	.13097	.00030	.02842	2.0124	.16190	.04973	1354-03	
146	1354-04	.00048	.67922	.21225	.00094	.03871	2.2190	.16639	.05240	1354-04	
147	CC914	.57030	66.022*	.51011	2.4629	.48556	.49032	1.5178	2.3651	CC914	
148	CC814	.00018	-.04196	-.00014	.00560	.00044	.00198	-.00030	.00179	CC814	
149	IP108658	-.00010	-.04851	.00006	-.00751	.05592*	.00102	-.00035	0.104	IP108658	
150	IP108651	.50849	55.844	.49136	.50401	.51774	.51331	.50203	.50553	IP108651	
151	IP108651	.49907	55.648	.42548	.50193	.54512	.51206	.53267	.53354	IP108651	
152	1199-04A	.47739	56.120	.55578	.50134	.51774	1.4629	.53657	.35092	1199-04A	
153	1199-04	.00032	.30107	.01117	-.00056	.00234	.96274	.00359	.01322	1199-04	
154	1199-04C	.00012	.32916	.01470	-.00002	.00531	.13219	.01406	.00669	1199-04C	
155	1199-04M	.50177	55.610	.55493	.49730	.51589	1.7146	.58247	.54593	1199-04M	
156	1199-04S	.48102	53.195	.54652	.48145	.50249	1.6262	.55441	.51576	1199-04S	
157	1199-01	.00005	.44337	.06491	-.00078	.00284	1.5835	.10517	.02443	1199-01	
158	1199-02	.00004	.49172	.00240	-.00077	.00064	1.3367	.00647	.01681	1199-02	
159	CC915	.59566	66.752	.53354	2.6019	.49160	.49165	1.4861	2.5269	CC915	
160	CC815	.00016	-.03340	.00030	.00079	.00071	.00134	-.00020	.00155	CC815	
161	1199-03	.00012	.51367	.03406	-.00034	.00069	1.4215	.10534	.02788	1199-03	
162	1199-05	.00027	.51521	.25779	-.00037	.00357	.95470	.07080	.47033	1199-05	
163	1199-06	-.00004	.41356	.06903	-.00050	.00050	1.2967	.08509	.02619	1199-06	
164	1199-07	.00025	.54534	.08579	-.00055	.00104	1.0651	.07778	.06690	1199-07	
165	1199-08	-.00004	.42174	.04506	-.00071	.02974	1.2190	.08337	.07184	1199-08	
166	1199-09	-.00003	.55356	.02609	.00085	.00048	1.1068	.07421	.01189	1199-09	
167	1199-10	.00002	.44564	.00276	-.00109	.00085	1.4441	.03444	.01995	1199-10	
168	1199-11	.00009	.42527	.05192	-.00120	.00128	1.1476	.07988	.06892	1199-11	

169	1199-12	.00004	.48821	.04492	-.00139	.03160	1.2936	.08739	.01312	.01	1199-12
170	1199-13	.00015	.48297	.04337	-.00103	.03114	1.2547	.08176	.01341	.01	1199-13
171	00916	.50458	55.200	.50196	2.4917	.48764	.49364	1.4941	2.5659	00916	
172	00515	.00006	-.01453	.01365*	.00372	.00001	.00093	.00515	.07332*	00515	
173	1199-14	-.00002	.42594	.17336	.00041	.03291	1.1870	.01927	.04437	.01	1199-14
174	1199-15	.00005	.47011	.04391	-.00083	.03171	1.3405	.08535	.01720	.01	1199-15
175	1199-16	-.00001	.42504	.05325	-.00106	.03524	1.3153	.08486	.02439	.01	1199-16
176	1199-17	-.00006	.36259	.04333	-.00070	.03380	1.1974	.07517	.01687	.01	1199-17
177	1199-18	-.00013	.48838	.03560	-.00172	.03266	1.4530	.08315	.01721	.01	1199-18
178	1199-19	.00004	.51049	.08651	-.00101	.03467	1.2323	.08392	.04766	.01	1199-19
179	1327-02T	.01041	.34232	.03734	.00015	.01874	.42423	.06031	.06689	.01	1327-02T
180	00917	.50852	65.978	.50431	2.5071	.48644	.49259	1.4956	2.5146	00917	
181	00817	.00008	-.04500	.00541	.00006	-.00011	.00045	-.00001	.00343	00817	
182	1P108958	.00071	-.06622	-.00003	.00155	.00923	-.03013	.06006	.00755	1P108958	
183	1P108951	.42427	55.457	.49975	.51473	.51678	.52066	.48969	.53237	1P108951	
184	1P108950	.48577	54.861	.49812	.50362	.51453	.52762	.48222	.51295	1P108950	
185	1379-01A	.47345	59.364	1.4875	.24342	.50374	6.5924	.63294	.66680	1379-01A	
186	1379-01	.00618	2.4613	.94565	-.97715*	.03073	5.3024	.15586	.14046	1379-01	
187	1379-01U	-.00146	.42774	.18886	-.05226*	.03622	1.2411	.03186	.02769	1379-01U	
188	1379-02	-.00552	3.3491	1.1751	-.06542*	.03359	2.1616	.11040	.13133	1379-02	
189	1461-01	.02024	19.324	3.5471	.00395	.20146	12.921	.88157	26.193	1461-01	
190	1461-02	.03803	8.0765	3.7094	.00712	.15113	20.249	1.7198	14.545	1461-02	
191	1461-03	.01528	5.2164	3.2436	.00788	.11736	19.494	1.2471	16.557	1461-03	
192	00418	.51126	65.736*	.50859	2.5198	.46568	.49728	1.4906	2.5323	00418	
193	00318	.00002	-.05441	-.00004	.00056	-.00029	.00429*	-.00032	.00204	00318	
194	1461-04	.01147	6.5627	4.1125	.00949	.0352	21.797	1.4743	11.264	1461-04	
195	1364-01	.00176	.19671	.08679	.00182	.01783	.53727	.25695	11.867	1364-01	
196	1364-02	.00074	.36118	.08181	.00427	.01379	.52394	.26217	3.7093	1364-02	
197	1364-03	.00052	.11648	.07976	.00121	.01681	.66802	.16690	3.5549	1364-03	
198	1364-04	.00092	.12987	.08812	.00353	.02536	.66523	.21256	1.0008	1364-04	
199	1364-05	-.00006	.05269	.20198	-.00379	.02459	.02266	.01725	84.678*	1364-05	
200	1256-01	.00032	.84181	.10303	.00679	.02713	2.1458	.12881	.19096	1256-01	
201	1256-02	.00028	.91237	.09018	.00085	.02225	1.9265	.11137	.15257	1256-02	
202	1256-03	.00084	.91374	.10716	.00013	.02163	1.9514	.11765	.19631	1256-03	
203	00519	.50620	65.556	.50193	2.5015	.49120	.49236	1.4955	2.5101	00519	
204	00519	-.00015	-.06007	.00001	.00075	-.00043	.00103	.00004	.00191	00519	
205	1256-04	.00041	5.9053	.10140	.00382	.05084	1.7071	.13088	.24262	1256-04	
206	1256-05	.00532	1.9113	.10439	-.00133	.02103	2.0171	.13304	.18204	1256-05	
207	1256-06	.00751	1.2431	.15169	.00069	.02743	1.5745	.09213	.49211	1256-06	
208	1256-07	.00066	1.6105	.4341	.07353	.05196	1.4199	.27938	.58546	1256-07	
209	1256-08	.00683	1.7531	.15119	.00094	.08135	2.4345	.11729	1.8859	1256-08	
210	1256-09	.00100	2.5477	1.1323	.00012	.02427	1.5776	.12975	.39707	1256-09	
211	1256-09M	.60490	59.634	.62505	.50759	.50719	2.1849	.60795	1.1092	1256-09M	
212	1256-09S	.60409	57.215	.60492	.60469	.64064	2.1391	.60800	.87184	1256-09S	
213	00420	.50497	64.964	.49803	2.4774	.48581	.49512	1.5017	2.5243	00420	
214	00870	-.00007	-.06896	.00001	.00051	-.00036	.00083	-.00016	.00126	00870	
215	NBL12908	.01025	1.0429	.01651	.01078	.00018	.01060	.00991	.01279*	NBL12908	
216	00421	.50503	65.236	.49956	2.4769	.49117	.48945	1.4950	2.5319	00421	
217	00821	.00021	-.05929	-.00005	.00120	-.00051	.00027	-.00016	.00126	00821	
218	1120-01I	.00085	1.4347	.27033	.00027	.03835	.03629	.04951	13.753	1120-01I	
219	1120-01A	.44850	172.71	.95454	.52576	.26917	.48740	.53637	.56442	1120-01A	
220	1120-01W	.00095	126.73	.49278	.03897	.0197	.00437	.00997	.01489	1120-01W	
221	1120-01S	.00074	93.705	.09844	.00809	.0201	.00191	.00177	.00496	1120-01S	
222	1148-02	-.00054	559.42	2.7425	.00064	-.00048	.00171	-.00177	.00454	1148-02	
223	1148-03	.00038	752.10*	5.0292	.00034	-.00028	.00086	-.00107	.00489	1148-03	
224	NBL12909	.01037	1.3523*	.01080	.01075	.00155	.01316	.01023	.01392*	NBL12909	
225	1148-04	-.00028	1553.9*	5.5247	.00144	-.00111	-.00059	-.00383	.00553	1148-04	

226	CC722	.50231	66.105*	.49757	2.4843	.49917	.49246	1.4924	2.5046	CC722
227	CCB22	.00022	.25145*	-.00001	.00026	-.00006	.00063	-.00001	.00132	CCB22
228	CE100158	.00291	.13788*	.00009	-.01749*	.00033	-.00016	.00328	.00197	CE100158
229	1172-064	.46633	76.201	.48857	.49680	.49176	.51266	.52257	.60169	1172-064
230	1172-05	.00011	21.916	.00506	-.04790*	.01125	.00326	.00054	.00810	1172-05
231	1172-065	-.00007	28.393	.00500	.05026*	.01350	.00336	.00058	.00221	1172-065
232	1172-062	.00392	5.2489	.00030	-.00792*	.00181	.00052	-.00038	.00460	1172-062
233	10544	.00065	.13215	-.00018	.00144	.00843	.00620	-.00115	.00016	10544
234	10544	.00099	86.167	.48921	.92422	.97380	.97787	.48829	1.9220	10544
235	CC423	.00389	66.172	.48832	2.3853	.48991	.49807	1.6338	2.6052	CC423
236	CC323	.00005	-.00817	-.00019	.00046	-.00017	.00051	.00878	.00153	CCB23
1K3A	1510	Ag	Na	Sr	Ti	Sr	Ti	V	Zn	1510

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g or ml)	pH	Extract Volume (ml)
01	IPI077-WB	50	–	50
02	-WL	50	–	50
03	-WC	50	–	50
04	I148-01	50	<2	50
05	-01M	50	<2	50
06	-01S	50	<2	50
07	-02	50	<2	50
08	-03	50	<2	50
09	-04	50	<2	50
10	I096-02	50	<2	50
11	-03	50	<2	50
12	-04	50	<2	50
13	-05	50	<2	50
14	I114-03	50	<2	50
15	-09	50	<2	50
16	-11	50	<2	50
17	-13	50	<2	50
18	I120-01	50	<2	50
19	I139-02	50	<2	50
20	-03	50	<2	50
21	-04	50	<2	50
22	-05	50	<2	50
23	-06	50	<2	50
24	-07	50	<2	50
25	-08	50	<2	50
26				
27				
28				
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32				
33				
34				
35				
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37				
38				
39				
40				

9-23-10 MC

Book#: EIP-092
Batch: IPI077-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☑ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-23-10	9:15	90°C
END	9-23-10	13:15	90°C

Standards	ID	Amount Added (ml)
LCS-1	SMA-013-01-28	0.25
LCS-2	↓ - ↓ - 29	0.25
LCS 3	↓ - ↓ - ↓ - 30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWA-04-253	1.5+1.5
HCl	↓ - ↓ - 221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments: C

☐ Reagent Water ID: SMSA-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☑ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

DIGESTION Block D E
9/23/10

Prepared By: MC

Standard Added By: MC Witnessed By: JC

Extract Rcvd By: TH Checked By: TH 9/23/10

Date endorsed to waste Disposal:

Accepted By:

7093

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I148

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101148

METHOD 300.0
ANIONS BY IC

A total of four (4) water samples were received on 09/10/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI025WL/C were all within QC limits.
Percent recoveries for ICI029WL/C were all within QC limits.
Percent recoveries for ICI033WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
All samples were reported from dilution runs for Nitrite-N due to interference from high Chloride level.
Sample I148-01 was reported from dilution 20 for Nitrate-N due to interference from high Chloride level.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1025W9	ND	1	NA	0.500	0.250	09/10/1013:00	NA	A113-03	A113-01	IC1025W	NA	NA
LCS1W	IC1025WL	5.02	1	NA	0.500	0.250	09/10/1013:16	NA	A113-04	A113-01	IC1025W	NA	NA
LCD1W	IC1025WC	5.04	1	NA	0.500	0.250	09/10/1013:32	NA	A113-05	A113-01	IC1025W	NA	NA
MW-70-PMW11A-A10	1148-01	55.7	20	NA	10.0	5.00	09/10/1018:22	NA	A113-22	A113-13	IC1325W	09/09/1009:15	09/10/10
MW-70-PMW13B-A10	1148-04	11.7	2	NA	1.00	0.500	09/10/1020:32	NA	A113-30	A113-24	IC1325W	09/09/1011:33	09/10/10
MBLK2W	IC1029WB	ND	1	NA	0.500	0.250	09/11/1007:02	NA	A113-69	A113-67	IC1329W	NA	NA
LCS2W	IC1029WL	5.10	1	NA	0.500	0.250	09/11/1007:19	NA	A113-70	A113-67	IC1329W	NA	NA
LCD2W	IC1029WC	5.05	1	NA	0.500	0.250	09/11/1007:35	NA	A113-71	A113-67	IC1329W	NA	NA
MW-70-PMW11B-A10	1148-02	5.12	1	NA	0.500	0.250	09/11/1009:12	NA	A113-77	A113-67	IC1329W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	5.03	1	NA	0.500	0.250	09/11/1010:00	NA	A113-80	A113-78	IC1329W	09/09/1010:49	09/10/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, JR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	R. (mg/L)	MCL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1033WB	ND	1	NA	0.200	0.100	09/13/1023:08	NA	A115-35	A115-33	IC1033W	NA	NA
LCS1W	IC1033WL	4.93	1	NA	0.200	0.100	09/13/1023:24	NA	A115-36	A115-33	IC1033W	NA	NA
LCD1W	IC1033WC	4.94	1	NA	0.200	0.100	09/13/1023:40	NA	A115-37	A115-33	IC1033W	NA	NA
MW-70-PMW11A-A10	I148-01	18800	1000	NA	200	100	09/13/1023:56	NA	A115-38	A115-33	IC1033W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	I148-02	1820	100	NA	20.0	10.0	09/14/1000:12	NA	A115-39	A115-33	IC1033W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	I148-03	2200	200	NA	40.0	20.0	09/14/1000:28	NA	A115-40	A115-33	IC1033W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	I148-04	4060	200	NA	40.0	20.0	09/14/1000:45	NA	A115-41	A115-33	IC1033W	09/09/1011:33	09/10/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, OR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	NOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1025WB	ND	1	NA	0.200	0.0500	09/10/1013:00	NA	AI13-03	AI13-01	IC1025W	NA	NA
LCS1W	IC1025WL	1.91	1	NA	0.200	0.0500	09/10/1013:16	NA	AI13-04	AI13-01	IC1025W	NA	NA
LCD1W	IC1025WC	1.91	1	NA	0.200	0.0500	09/10/1013:32	NA	AI13-05	AI13-01	IC1025W	NA	NA
MW-70-PMW11A-A10	I148-01	ND	20	NA	4.00	1.00	09/10/1016:22	NA	AI13-22	AI13-13	IC1029W	09/09/1009:15	09/10/10
MBLK2W	IC1029WB	ND	1	NA	0.200	0.0500	09/11/1007:02	NA	AI13-69	AI13-67	IC1029W	NA	NA
LCS2W	IC1029WL	1.92	1	NA	0.200	0.0500	09/11/1007:19	NA	AI13-70	AI13-67	IC1029W	NA	NA
LCD2W	IC1029WC	1.91	1	NA	0.200	0.0500	09/11/1007:35	NA	AI13-71	AI13-67	IC1029W	NA	NA
MW-70-PMW11B-A10	I148-02	ND	1	NA	0.200	0.0500	09/11/1009:12	NA	AI13-77	AI13-67	IC1029W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	I148-03	ND	1	NA	0.200	0.0500	09/11/1010:30	NA	AI13-80	AI13-78	IC1029W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	I148-04	ND	1	NA	0.200	0.0500	09/11/1010:16	NA	AI13-81	AI13-78	IC1029W	09/09/1011:33	09/10/10

METHOD 300.0
NITRITE-N

Client : INSIGHT FEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1D1148

Matrix : WATER
Instrument ID : I10C

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1C25WB	ND	1	NA	0.200	0.0500	09/10/1013:00	NA	A113-33	A113-01	IC1025W	NA	NA
LCS1W	IC1C25WL	2.02	1	NA	0.200	0.0500	09/10/1013:16	NA	A113-04	A113-01	IC1025W	NA	NA
LCD1W	IC1025WC	2.03	1	NA	0.200	0.0500	09/10/1013:32	NA	A113-05	A113-01	IC1025W	NA	NA
MW-70-PMW11A-A10	1148-01	ND	20	NA	4.00	1.00	09/10/1018:22	NA	A113-22	A113-13	IC1025W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	ND	2	NA	0.400	0.100	09/10/1019:27	NA	A113-26	A113-24	IC1025W	09/09/1009:57	09/10/10
MW-70-PMW13A-A10	1148-03	ND	2	NA	0.400	0.100	09/10/1020:00	NA	A113-28	A113-24	IC1025W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	ND	2	NA	0.400	0.100	09/10/1020:32	NA	A113-30	A113-24	IC1025W	09/09/1011:33	09/10/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAK SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1033WB	ND	1	NA	0.500	0.250	09/13/1023:08	NA	AI15-35	AI15-33	IC1033W	NA	NA
LCS1W	IC1033WL	4.82	1	NA	0.500	0.250	09/13/1023:24	NA	AI15-36	AI15-33	IC1033W	NA	NA
LCD1W	IC1033WC	4.83	1	NA	0.500	0.250	09/13/1023:40	NA	AI15-37	AI15-33	IC1033W	NA	NA
MW-70-PMW13A-A10	1148-01	2760	1000	NA	500	250	09/13/1023:56	NA	AI15-38	AI15-33	IC1033W	09/09/1009:15	09/10/13
MW-70-PMW13B-A10	1148-02	542	100	NA	50.0	25.0	09/14/1000:12	NA	AI15-39	AI15-33	IC1033W	09/09/1009:51	09/10/13
MW-70-PMW13A-A10	1148-03	486	200	NA	100	50.0	09/14/1000:28	NA	AI15-40	AI15-33	IC1033W	09/09/1010:49	09/10/13
MW-70-PMW13B-A10	1148-04	742	200	NA	100	50.0	09/14/1000:45	NA	AI15-41	AI15-33	IC1033W	09/09/1011:33	09/10/13

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT REG, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: ABLK1W
LAB SAMP ID: IC1025WB IC1025WL IC1025WC
LAB FILE ID: A113-03 A113-04 A113-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1013:03 09/10/1013:16 09/10/1013:32 DATE RECEIVED: NA
PREP. BATCH: IC1025W IC1025W IC1025W
CALIB. REF: A113-01 A113-01 A113-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.02	100	5.00	5.04	101	0	90-110	20

0009

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	IC1029WB	IC1029WL	IC1029WC		
LAB FILE ID:	A113-69	A113-70	A113-71		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/11/1007:02	09/11/1007:19	09/11/1007:35	DATE RECEIVED:	NA
PREP. BATCH:	IC1029W	IC1029W	IC1029W		
CALIB. REF:	A113-67	A113-67	A113-67		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.10	102	5.00	5.05	101	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 9D0148
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1033WB IC1033WL IC1033WC
LAB FILE ID: AI15-35 AI15-36 AI15-37
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/13/1023:08 09/13/1023:24 09/13/1023:40 DATE RECEIVED: NA
PREP. BATCH: IC1033W IC1033W IC1033W
CALIB. REF: AI15-33 AI15-33 AI15-33

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chlorice-Cl	ND	5.00	4.93	99	5.00	4.94	99	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKW				
LAB SAMP ID:	IC1025WB	IC1025W_	IC1025WC		
LAB FILE ID:	AI13-03	AI13-04	AI13-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/10/1013:00	09/10/1013:16	09/10/1013:32	DATE RECEIVED:	NA
PREP. BATCH:	IC1025W	IC1025W	IC1025W		
CALIB. REF:	AI13-01	AI13-01	AI13-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.91	95	2.00	1.91	96	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, OR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1029WB IC1029WL IC1029WC
LAB FILE ID: A113-69 A113-70 A113-71
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/11/1007:02 09/11/1007:19 09/11/1007:35 DATE RECEIVED: NA
PREP. BATCH: IC1029W IC1029W IC1029W
CALIB. REF: A113-67 A113-67 A113-67

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.92	96	2.00	1.91	95	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT SEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKTW
LAB SAMP ID: IC1025WB IC1025WL IC1025WC
LAB FILE ID: A113-03 A113-04 A113-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/10/1013:00 09/10/1013:16 09/10/1013:32 DATE RECEIVED: NA
PREP. BATCH: IC1025W IC1025W IC1025W
CALIB. REF: A113-01 A113-01 A113-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.02	101	2.00	2.03	101	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 105146
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1033WB IC1033WL IC1033WC
LAB FILE ID: AI15-35 AI15-36 AI15-37
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/13/1023:38 09/13/1023:24 09/13/1023:40 DATE RECEIVED: NA
PREP. BATCH: IC1033W IC1033W IC1033W
CALIB. REF: AI15-33 AI15-33 AI15-33

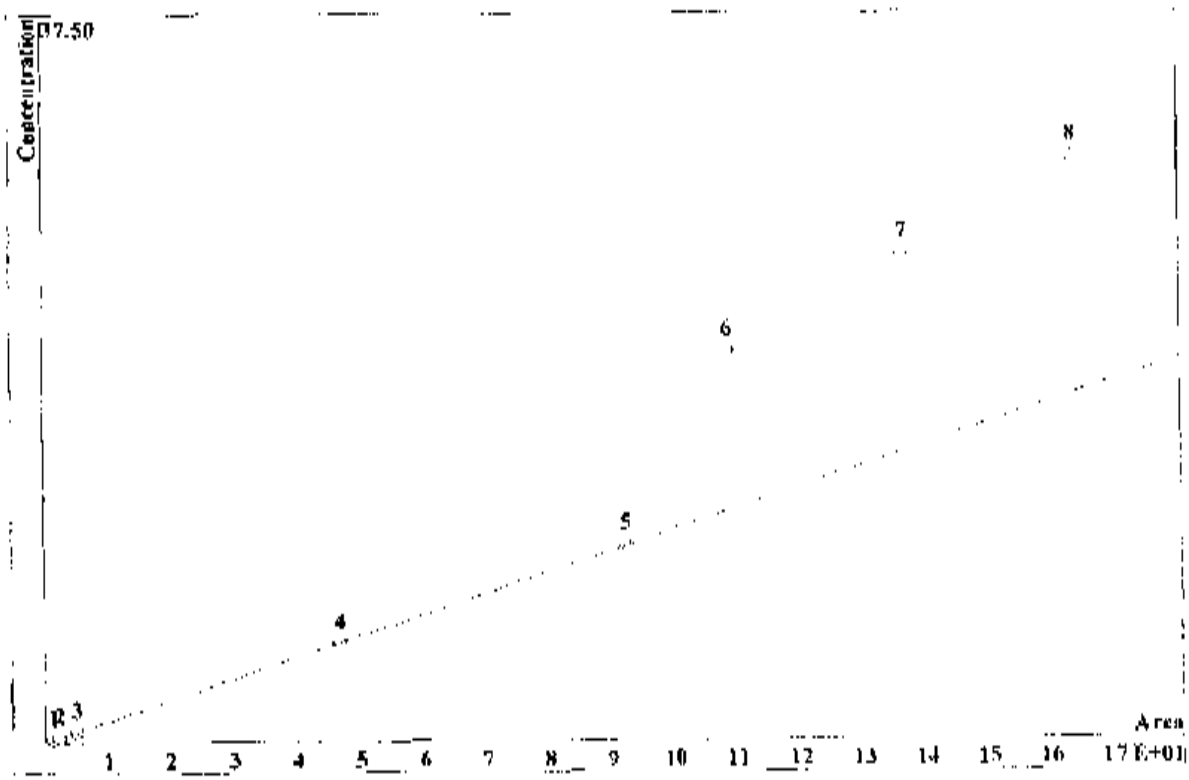
ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.82	96	5.00	4.83	97	0	90-110	20

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100 101.mtw
Equation: Q = 0.108366·A - 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



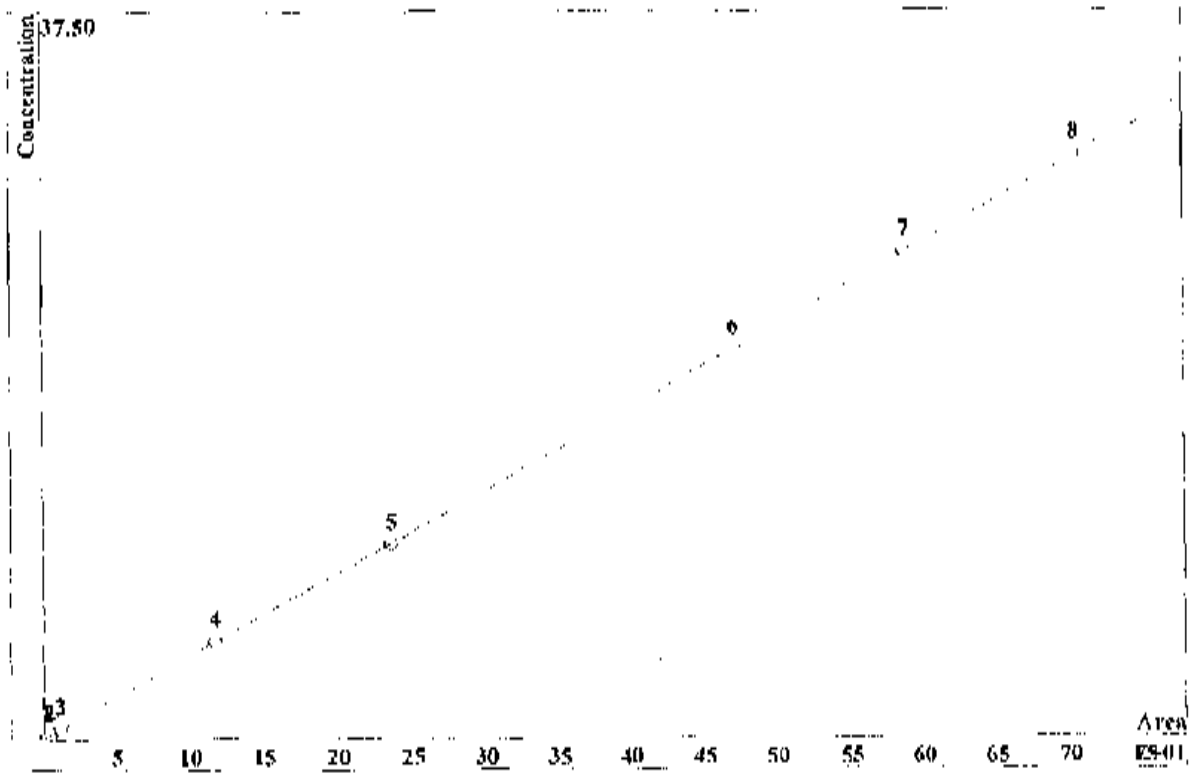
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Name: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/02/10

CALIBRATION OF COMPONENT chloride

Method: IC100-I01.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



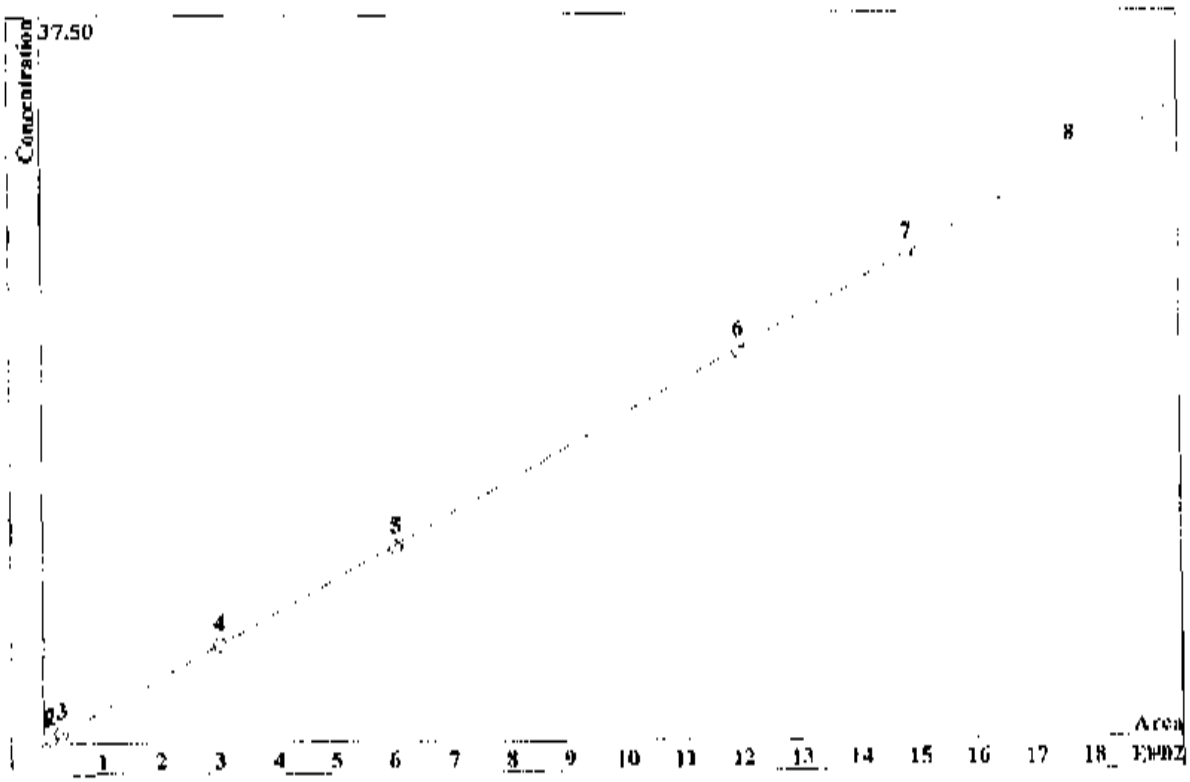
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.494	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

RJ
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: IC100 101.mbw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

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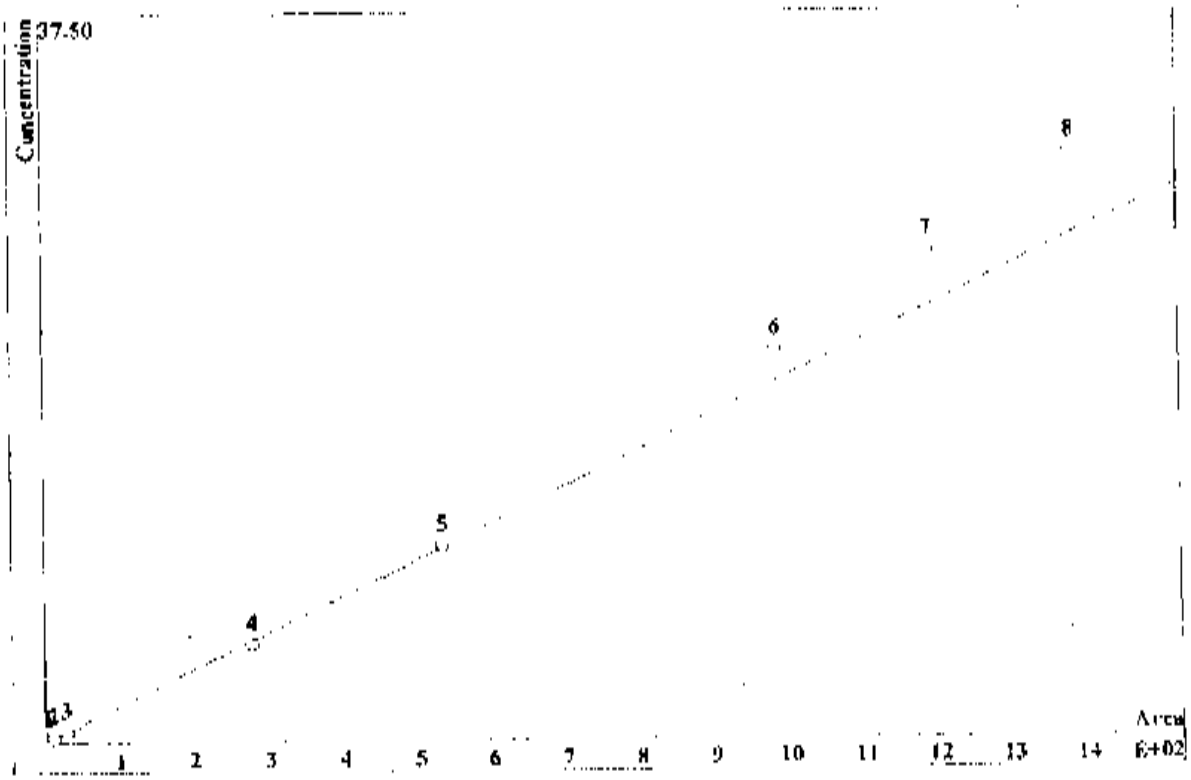
RD
9/20/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-101.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

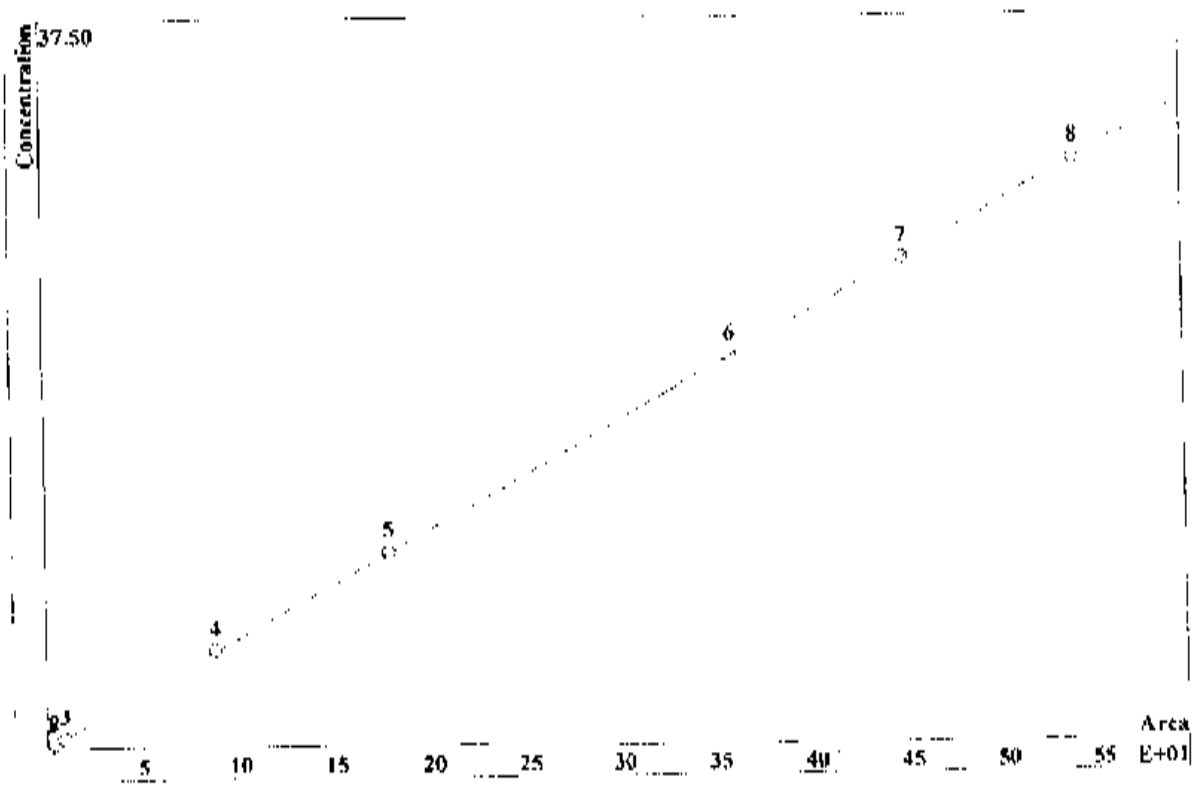
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.326	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AB
09/01/10

CALIBRATION OF COMPONENT sulfate

Method: TC100-I01.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

AS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/AI01

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AI01-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
AI01-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
AI01-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

AS
9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : 101/AI01

LFID	LSID	Selection	phosphate	sulfate	fluoride	chloride	nitrite	bromide	nitrate	RawNetID	DF
AI13-01	CCV89	PSFCIBN	102.2%	95.6%	103.7%	98.6%	99.5%	102.3%	93.6%	u9101227	1
AI13-02	CCB89	PSFCIBN	0	0	0	0	0	0	0	u9101243	1
AI13-13	CCV91	PSFCIBN	102.3%	95.6%	103.8%	98.9%	100.3%	103%	93.5%	u9101541	1
AI13-14	CCB91	PSFCIBN	0	0	0	0	0	0	0	u9101557	1
AI13-24	CCV93	PSFCIBN	101.4%	95.6%	103.3%	99.9%	99.6%	102.6%	93.1%	u9101855	1
AI13-25	CCB93	PSFCIBN	0	0	0	0	0	0	0	u9101911	1
AI13-36	CCV95	PSFCIBN	104.2%	95.3%	103.7%	98.6%	99.7%	102.2%	95.2%	u9102209	1
AI13-37	CCB95	PSFCIBN	0	0	0	0	0	0	0	u9102225	1
AI13-48	CCV97	PSFCIBN	101.2%	95.5%	103.3%	98.4%	99.4%	102.2%	92.9%	u9110123	1
AI13-49	CCB97	PSFCIBN	0	0	0	0	0	0	0	u9110139	1
AI13-60	CCV99	PSFCIBN	101%	96.1%	103.3%	98.8%	100.7%	103.5%	93.7%	u9110437	1
AI13-61	CCB99	PSFCIBN	0	0	0	0	0	0	0	u9110453	1
AI13-67	CCV101	PSFCIBN	101.5%	95.8%	104.1%	99.1%	100%	102.8%	93.5%	u9110630	1
AI13-68	CCB101	PSFCIBN	0	0	0	0	0	0	0	u9110646	1
AI13-78	CCV103	PSFCIBN	104.2%	97.5%	105.3%	100.1%	102.1%	102.9%	96.3%	u9110928	1
AI13-79	CCB103	PSFCIBN	0	0	0	0	0	0	0	u9110944	1
AI13-84	CCV105	PSFCIBN	102.1%	96.4%	103.1%	103.6%	99.3%	102.3%	93%	u9111105	1
AI13-85	CCB105	PSFCIBN	0	0	0	0.18058	0	0	0	u9111121	1
AI13-95	CCV107	PSFCIBN	103.8%	96.4%	103.7%	99.6%	99.7%	102.8%	93.4%	u9111459	1
AI13-96	CCB107	PSFCIBN	0	0	0	0	0	0	0	u9111516	1

IC Result Check FormVersion : 101/AI01

LFID	ISID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetID	DF
AI15-01	CCV109	SCPNFIB	96.3%	99.4%	102.3%	94.1%	104.5%	100.7%	102.8%	u9131358	1
AI15-02	CCB109	SCPNFIB	0	0	0	0	0	0	0	u9131414	1
AI15-13	CCV111	SCPNFIB	96%	99.1%	99.3%	93.9%	103.4%	100.9%	103.2%	u9131712	1
AI15-14	CCB111	SCPNFIB	0	0	0	0	0	0	0	u9131728	1
AI15-25	CCV113	SCPNFIB	95.9%	98.6%	98.8%	93.5%	103.1%	100.1%	102.7%	u9132026	1
AI15-26	CCB113	SCPNFIB	0	0	0	0	0	0	0	u9132042	1
AI15-35	CCV115	SCPNFIB	96.4%	98.5%	98%	93.3%	103.1%	100.2%	102.4%	u9132235	1
AI15-36	CCB115	SCPNFIB	0	0	0	0	0	0	0	u9132251	1
AI15-45	CCV117	SCPNFIB	96.2%	99.2%	99.8%	93.6%	104%	100.5%	102.9%	u9140149	1
AI15-46	CCB117	SCPNFIB	0	0	0	0	0	0	0	u9140205	1
AI15-57	CCV119	SCPNFIB	96.9%	99.2%	99.6%	94.2%	104%	100.7%	103.4%	u9140503	1
AI15-58	CCB119	SCPNFIB	0	0	0	0	0	0	0	u9140519	1
AI15-69	CCV121	SCPNFIB	96.9%	99.2%	100.7%	94.1%	104.1%	100.9%	103.7%	u9140817	1
AI15-70	CCB121	SCPNFIB	0	0	0	0	0	0	0	u9140833	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A315
Method File:	IC-100 - 101.mthd
Analytical Batch:	IC.1031W; IC.1033W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18 - 15 - 6 - 2
ICV	↓ -3
CCV	SZ18 - 15 - 11 - 3
LCS	SZ18 - 15 - 12 - 1
MS	[illegible] F, NO_2, NO_3 (spike) Cl, Br, PO_4, SO_4 (spike)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SW4-01-173 (320mM Na_2CO_3 / 100mM $NaHCO_3$) 20mL

SW4-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SW4-01-130 (1000 mM H_2SO_4)

Date: 9/13/16

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1000.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1000.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1000.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

[illegible]

IC Eluent:

3004-01-173 (320mM Na_2CO_3 / 100mM $NaHCO_3$) 20mL / 2L

3004-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

3004-01-180 (1000mM H_2SO_4)

Book #: A100-025

Instrument No.: 100

Analytical Sequence: [illegible]

Method File: [illegible]

Analytical Batch: 3CI025W ; 3CI027W
3CI029W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB - 15 - 6 - 2
ICV	↓ -3
CCV	STIB - 15 - 11 - 1
LCS	STIB - 15 - 11 - 2
MS	Accu Spec Cl^-, NO_3^-, NO_2^- (2ppm) $Cl^-, Br^-, PO_4^{3-}, SO_4^{2-}$ (5ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 7/19/10

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
u9101177.chx	IC100-101.mth	AH3-01 CCB29	1	1.0	1.0	1.0	100.0	0		
u9101241.chx	IC100-101.mth	AH3-02 CCB29	2	1.0	1.0	1.0	100.0	0		
u9101305.chx	IC100-101.mth	AH3-03 IC0313PB	3	1.0	1.0	1.0	100.0	0		
u9101369.chx	IC100-101.mth	AH3-04 IC0313WL	4	1.0	1.0	1.0	100.0	0		
u9101433.chx	IC100-101.mth	AH3-05 IC0313WC	5	1.0	1.0	1.0	100.0	0		
u9101497.chx	IC100-101.mth	AH3-06 H33-97	6	1.0	1.0	1.0	100.0	0		
u9101561.chx	IC100-101.mth	AH3-07 H33-92	7	1.0	1.0	1.0	100.0	0		
u9101625.chx	IC100-101.mth	AH3-08 H33-92D	8	1.0	1.0	1.0	100.0	0		
u9101689.chx	IC100-101.mth	AH3-09 H33-92M	9	1.0	1.0	1.0	100.0	0		
u9101753.chx	IC100-101.mth	AH3-10 H33-92S	10	1.0	1.0	1.0	100.0	0		
u9101817.chx	IC100-101.mth	AH3-11 H33-93	11	1.0	1.0	1.0	100.0	0		
u9101881.chx	IC100-101.mth	AH3-12 H34-92	12	1.0	1.0	1.0	100.0	0		
u9101945.chx	IC100-101.mth	AH3-13 CCB29	13	1.0	1.0	1.0	100.0	0		
u9102009.chx	IC100-101.mth	AH3-14 CCB29	14	1.0	1.0	1.0	100.0	0		
u9102073.chx	IC100-101.mth	AH3-15 H34-93	15	1.0	1.0	1.0	100.0	0		
u9102137.chx	IC100-101.mth	AH3-16 H34-94	16	1.0	1.0	1.0	100.0	0		
u9102201.chx	IC100-101.mth	AH3-17 H34-95	17	1.0	1.0	1.0	100.0	0		
u9102265.chx	IC100-101.mth	AH3-18 H34-96	18	1.0	1.0	1.0	100.0	0		
u9102329.chx	IC100-101.mth	AH3-19 H34-97	19	1.0	1.0	1.0	100.0	0		
u9102393.chx	IC100-101.mth	AH3-20 H34-93	20	1.0	1.0	1.0	100.0	0		
u9102457.chx	IC100-101.mth	AH3-21 H48-01	21	1.0	1.0	1.0	100.0	0		
u9102521.chx	IC100-101.mth	AH3-22 H48-01 DF=20	22	1.0	20.0	1.0	100.0	0		
u9102585.chx	IC100-101.mth	AH3-23 RINSE	23	1.0	1.0	1.0	100.0	0		
u9102649.chx	IC100-101.mth	AH3-24 CCB29	24	1.0	1.0	1.0	100.0	0		
u9102713.chx	IC100-101.mth	AH3-25 CCB29	25	1.0	1.0	1.0	100.0	0		
u9102777.chx	IC100-101.mth	AH3-26 H48-02 DF=2	26	1.0	2.0	1.0	100.0	0		
u9102841.chx	IC100-101.mth	AH3-27 H48-02 DF=20	27	1.0	20.0	1.0	100.0	0		
u9102905.chx	IC100-101.mth	AH3-28 H48-03 DF=2	28	1.0	2.0	1.0	100.0	0		
u9102969.chx	IC100-101.mth	AH3-29 H48-03 DF=20	29	1.0	20.0	1.0	100.0	0		
u9103033.chx	IC100-101.mth	AH3-30 H48-04 DF=2	30	1.0	2.0	1.0	100.0	0		
u9103097.chx	IC100-101.mth	AH3-31 H48-04 DF=20	31	1.0	20.0	1.0	100.0	0		
u9103161.chx	IC100-101.mth	AH3-32 H33-02 DF=5	32	1.0	5.0	1.0	100.0	0		
u9103225.chx	IC100-101.mth	AH3-33 H33-02D DF=5	33	1.0	5.0	1.0	100.0	0		
u9103289.chx	IC100-101.mth	AH3-34 H33-02M DF=5	34	1.0	5.0	1.0	100.0	0		
u9103353.chx	IC100-101.mth	AH3-35 H33-02S DF=5	35	1.0	5.0	1.0	100.0	0		
u9103417.chx	IC100-101.mth	AH3-36 CCB29	36	1.0	1.0	1.0	100.0	0		
u9103481.chx	IC100-101.mth	AH3-37 CCB29	37	1.0	1.0	1.0	100.0	0		
u9103545.chx	IC100-101.mth	AH3-38 IC0313PB	38	1.0	1.0	1.0	100.0	0		
u9103609.chx	IC100-101.mth	AH3-39 IC0313WL	39	1.0	1.0	1.0	100.0	0		
u9103673.chx	IC100-101.mth	AH3-40 IC0313WC	40	1.0	1.0	1.0	100.0	0		
u9103737.chx	IC100-101.mth	AH3-41 H47-01	41	1.0	1.0	1.0	100.0	0		
u9103801.chx	IC100-101.mth	AH3-42 H47-11	42	1.0	1.0	1.0	100.0	0		
u9103865.chx	IC100-101.mth	AH3-43 H47-61	43	1.0	1.0	1.0	100.0	0		
u9103929.chx	IC100-101.mth	AH3-44 H47-64	44	1.0	1.0	1.0	100.0	0		
u9103993.chx	IC100-101.mth	AH3-45 H47-61	45	1.0	1.0	1.0	100.0	0		
u9104057.chx	IC100-101.mth	AH3-46 H34-02 DF=10	46	1.0	10.0	1.0	100.0	0		
u9104121.chx	IC100-101.mth	AH3-47 H34-02 DF=10	47	1.0	10.0	1.0	100.0	0		
u9104185.chx	IC100-101.mth	AH3-48 CCB29	48	1.0	1.0	1.0	100.0	0		
u9104249.chx	IC100-101.mth	AH3-49 CCB29	49	1.0	1.0	1.0	100.0	0		
u9104313.chx	IC100-101.mth	AH3-50 H47-66	50	1.0	1.0	1.0	100.0	0		
u9104377.chx	IC100-101.mth	AH3-51 H47-67	51	1.0	1.0	1.0	100.0	0		
u9104441.chx	IC100-101.mth	AH3-52 H47-62D	52	1.0	1.0	1.0	100.0	0		
u9104505.chx	IC100-101.mth	AH3-53 H47-62M	53	1.0	1.0	1.0	100.0	0		
u9104569.chx	IC100-101.mth	AH3-54 H47-62S	54	1.0	1.0	1.0	100.0	0		
u9104633.chx	IC100-101.mth	AH3-55 H47-62	55	1.0	1.0	1.0	100.0	0		
u9104697.chx	IC100-101.mth	AH3-56 H47-69	56	1.0	1.0	1.0	100.0	0		
u9104761.chx	IC100-101.mth	AH3-57 H47-70	57	1.0	1.0	1.0	100.0	0		

FINAL

F2

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
u9110403.chx	IC100-101.mth	AH13-55	58	1.0	10.0	1.0	100.0	0		
u9110421.chx	IC100-101.mth	AH13-56	59	1.0	10.0	1.0	100.0	0		
u9110441.chx	IC100-101.mth	AH13-60	60	1.0	1.0	1.0	100.0	0		
u9110453.chx	IC100-101.mth	AH13-61	61	1.0	1.0	1.0	100.0	0		
u9110503.chx	IC100-101.mth	AH13-62	62	1.0	5.0	1.0	100.0	0		
u9110521.chx	IC100-101.mth	AH13-63	63	1.0	10.0	1.0	100.0	0		
u9110743.chx	IC100-101.mth	AH13-64	64	1.0	10.0	1.0	100.0	0		
u9110515.chx	IC100-101.mth	AH13-65	65	1.0	5.0	1.0	100.0	0		
u9110633.chx	IC100-101.mth	AH13-66	66	1.0	5.0	1.0	100.0	0		
u9110632.chx	IC100-101.mth	AH13-67	67	1.0	1.0	1.0	100.0	0		
u9110646.chx	IC100-101.mth	AH13-68	68	1.0	1.0	1.0	100.0	0		
u9110703.chx	IC100-101.mth	AH13-69	69	1.0	1.0	1.0	100.0	0		
u9110719.chx	IC100-101.mth	AH13-70	70	1.0	1.0	1.0	100.0	0		
u9110735.chx	IC100-101.mth	AH13-71	71	1.0	1.0	1.0	100.0	0		
u9110751.chx	IC100-101.mth	AH13-72	72	1.0	20.0	1.0	100.0	0		
u9110807.chx	IC100-101.mth	AH13-73	73	1.0	10.0	1.0	100.0	0		
u9110823.chx	IC100-101.mth	AH13-74	74	1.0	10.0	1.0	100.0	0		
u9110839.chx	IC100-101.mth	AH13-75	75	1.0	20.0	1.0	100.0	0		
u9110856.chx	IC100-101.mth	AH13-76	76	1.0	10.0	1.0	100.0	0		
u9110913.chx	IC100-101.mth	AH13-77	80	1.0	1.0	1.0	100.0	0		
u9110929.chx	IC100-101.mth	AH13-78	78	1.0	1.0	1.0	100.0	0		
u9110944.chx	IC100-101.mth	AH13-79	79	1.0	1.0	1.0	100.0	0		
u9111000.chx	IC100-101.mth	AH13-80	81	1.0	1.0	1.0	100.0	0	79	79
u9111016.chx	IC100-101.mth	AH13-81	82	1.0	1.0	1.0	100.0	0	79	79
u9111032.chx	IC100-101.mth	AH13-82	77	1.0	50.0	1.0	100.0	0	79	79
u9111049.chx	IC100-101.mth	AH13-83	83	1.0	1.0	1.0	100.0	0	79	79
u9111105.chx	IC100-101.mth	AH13-84	84	1.0	1.0	1.0	100.0	0		
u9111121.chx	IC100-101.mth	AH13-85	85	1.0	1.0	1.0	100.0	0		
u9111151.chx	IC100-101.mth	AH13-86	86	1.0	1.0	1.0	100.0	0		
u9111156.chx	IC100-101.mth	AH13-87	87	1.0	1.0	1.0	100.0	0		
u9111216.chx	IC100-101.mth	AH13-88	88	1.0	1.0	1.0	100.0	0		
u9111232.chx	IC100-101.mth	AH13-89	89	1.0	1.0	1.0	100.0	0		
u9111339.chx	IC100-101.mth	AH13-90	90	1.0	1.0	1.0	100.0	0		
u9111355.chx	IC100-101.mth	AH13-91	91	1.0	1.0	1.0	100.0	0		
u9111412.chx	IC100-101.mth	AH13-92	92	1.0	1.0	1.0	100.0	0		
u9111431.chx	IC100-101.mth	AH13-93	93	1.0	1.0	1.0	100.0	0		
u9111443.chx	IC100-101.mth	AH13-94	94	1.0	1.0	1.0	100.0	0		
u9111459.chx	IC100-101.mth	AH13-95	95	1.0	1.0	1.0	100.0	0		
u9111516.chx	IC100-101.mth	AH13-96	96	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

Ic Eluent:

SWM-01-173 (320 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL
SWM-01-172 (100 mM $NaHCO_3$) 16 mL

Ic Regenerant:

SWM-01-167 (100 mM H_2SO_4)

Book #:	A100-075
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100-101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	5118-16-6-2
ICV	5118-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/10

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	1		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	2		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	3		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	4		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	5		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	6		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	7		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	8		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of four (4) water samples were received on 09/10/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI016WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT GEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HC1016W6	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	20.5	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	20.5	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW11A-A10	I148-01	0.740J	1	NA	1.00	0.500	09/17/1015:19	NA	HI16024	HI16022	HC1016W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	I148-02	ND	1	NA	1.00	0.500	09/17/1016:24	NA	HI16025	HI16022	HC1016W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	I148-03	ND	1	NA	1.00	0.500	09/17/1017:30	NA	HI16026	HI16022	HC1016W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	I148-04	ND	1	NA	1.00	0.500	09/17/1018:36	NA	HI16027	HI16022	HC1016W	09/09/1011:33	09/10/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MB:K1W	HC1016W9	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	19.3	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	19.3	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-PMW11A-A10	1148-01	ND	1	NA	1.00	0.500	09/17/1015:19	NA	H116024	H116022	HC1016W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	ND	1	NA	1.00	0.500	09/17/1016:24	NA	H116025	H116022	HC1016W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	ND	1	NA	1.00	0.500	09/17/1017:30	NA	H116026	H116022	HC1016W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	ND	1	NA	1.00	0.500	09/17/1018:36	NA	H116027	H116022	HC1016W	09/09/1011:33	09/10/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EPAK SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKW	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.6	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	19.6	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW11A-A10	1148-01	ND	1	NA	1.00	0.500	09/17/1015:19	NA	HI16024	HI16022	HC1016W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	ND	1	NA	1.00	0.500	09/17/1016:24	NA	HI16025	HI16022	HC1016W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	ND	1	NA	1.00	0.500	09/17/1017:30	NA	HI16026	HI16022	HC1016W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	ND	1	NA	1.00	0.500	09/17/1018:36	NA	HI16027	HI16022	HC1016W	09/09/1011:33	09/10/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10E148

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAN SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1015WL	20.2	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	20.2	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-PMW11A-A10	1148-01	ND	1	NA	1.00	0.500	09/17/1015:19	NA	HI16024	HI16022	HC1016W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	ND	1	NA	1.00	0.500	09/17/1016:24	NA	HI16025	HI16022	HC1016W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	ND	1	NA	1.00	0.500	09/17/1017:30	NA	HI16026	HI16022	HC1016W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	ND	1	NA	1.00	0.500	09/17/1018:36	NA	HI16027	HI16022	HC1016W	09/09/1011:33	09/10/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1015WB HC1016WL HC1016WC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: * 1 1
SAMPLE ID: MBLKIW
LAB SAMP ID: HC1016WB HC1016WL HC1016WC
LAB FILE ID: HL16003 HL16004 HL16005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: HL16001 HL16001 HL16001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.3	96	20.0	19.3	96	0	90-110	20

EMAX QUALITY CONTROL DATA
ICS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKW				
LAB SAMP ID:	HC1016WB	HC1016W_	HC1016WC		
LAB FILE ID:	HI16003	HI16004	HI16005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	HI16001	HI16001	HI16001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	19.6	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: HC1016W3 HC1016WL HC1016WC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1320:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

INITIAL CALIBRATION

IC SCQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	Datetime	DF
HI13001	IB	ABLPY	QA106I13	09/13/1014:56	1
HI13002	S-0	ABLPY	QA106I13	09/13/1014:57	1
HI13003	S-1	ABLPY	QA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	QA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	QA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	QA106I13	09/13/1017:58	1
HI13007	S-5	ABLPY	QA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	QA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	QA106I13	09/13/1019:01	1

AK 9/13/10

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.68	PROPIONA	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1269	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/15/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:56	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

RA
9/13/10

8050

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.113/HI13(2010)

LFID	ISID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	DI
HI16001	CCV14	ABLPY	104%	96.8%	100%	102%	100%	09/16/1019:25	1
HI16002	CCB14	ABLPY	ND	ND	ND	ND	ND	09/16/1019:46	1
HI16003	HC1016WB	ABLPY	ND	ND	ND	ND	ND	09/16/1020:07	1
HI16004	HC1016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:28	1
HI16005	HC1016WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:49	1
HI16006	1066-01	**LPY	30.9E	5.22F	ND	30.3F	ND	09/16/1021:10	1
HI16007	1066-02	**LPY	30.7E	5.06F	ND	30.2F	ND	09/16/1022:16	1
HI16008	1066-03	*BLPY	10.2E	.377	ND	.932	ND	09/16/1023:22	1
HI16009	1066-04	ABLPY	ND	ND	ND	ND	ND	09/17/1000:28	1
HI16010	1066-05	ABLPY	ND	ND	ND	ND	ND	09/17/1001:34	1
HI16011	1066-06	ABLPY	2.51	ND	ND	ND	ND	09/17/1002:40	1
HI16012	CCV16	ABLPY	107%	100%	102%	104%	102%	09/17/1003:46	1
HI16013	CCB16	ABLPY	ND	ND	ND	ND	ND	09/17/1004:28	1
HI16014	1075-01	ABLPY	ND	ND	ND	ND	ND	09/17/1004:49	1
HI16015	1075-02	ABLPY	ND	ND	ND	ND	ND	09/17/1005:54	1
HI16016	1075-02D	ABLPY	ND	ND	ND	ND	ND	09/17/1007:00	1
HI16017	1075-02M	ABLPY	2.05	2.02	2	2.02	1.97	09/17/1008:06	1
HI16018	1091-01	ABLPY	ND	ND	ND	ND	ND	09/17/1009:12	1
HI16019	1091-02	ABLPY	.035	ND	ND	ND	ND	09/17/1010:18	1
HI16020	1091-03	ABLPY	1.88	ND	ND	1.53	ND	09/17/1011:24	1
HI16021	1091-04	ABLPY	ND	ND	ND	ND	ND	09/17/1012:30	1
HI16022	CCV18	ABLPY	106%	99%	103%	104%	104%	09/17/1014:16	1
HI16023	CCB18	ABLPY	ND	ND	ND	ND	ND	09/17/1014:58	1
HI16024	1148-01	ABLPY	.074	ND	ND	ND	ND	09/17/1015:19	1
HI16025	1148-02	ABLPY	.02	ND	ND	ND	ND	09/17/1016:24	1
HI16026	1148-03	ABLPY	.006	ND	ND	ND	ND	09/17/1017:30	1
HI16027	1148-04	ABLPY	ND	ND	ND	ND	ND	09/17/1018:36	1
HI16028	1193-01	ABLPY	1.02	ND	ND	ND	ND	09/17/1019:42	1
HI16029	1193-02	ABLPY	ND	ND	ND	ND	ND	09/17/1020:48	1
HI16030	CCV20	ABLPY	102%	95.1%	99.6%	98%	105%	09/17/1021:54	1
HI16031	CCB20	ABLPY	ND	ND	ND	ND	ND	09/17/1022:15	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

W.04 : SW9A-03-93

HC30166W: 5066, I075, I041, I148, J193

Book #: A106-008

Instrument No.: 106

Analytical Sequence: V116

Method File: OA106J13

Analytical Batch: HC30166W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-213
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By:

Date: 5/16/12

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:50:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI16		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI16		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI16		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI16		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI16		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI16		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI16		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI16		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI16		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI16	001	CCV14	Unknown	99	25.0	ORG	OA106I13	Finished	9/16/2010 7:25:53 PM	1.0000
11	HI16	002	CCB14	Unknown	98	25.0	ORG	OA106I13	Finished	9/16/2010 7:46:52 PM	1.0000
12	HI16	003	HCI016WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/16/2010 8:07:51 PM	1.0000
13	HI16	004	HCI016WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:28:49 PM	1.0000
14	HI16	005	HCI016WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:49:48 PM	1.0000
15	HI16	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 9:10:47 PM	1.0000
16	HI16	007	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 10:16:41 PM	1.0000
17	HI16	008	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 11:22:34 PM	1.0000
18	HI16	009	I066-04	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:28:27 AM	1.0000
19	HI16	010	I066-05	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 1:34:21 AM	1.0000
20	HI16	011	I066-06	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 2:40:14 AM	1.0000
21	HI16	012	CCV16	Unknown	99	25.0	ORG	OA106I13	Finished	9/17/2010 3:46:08 AM	1.0000
22	HI16	013	CCB16	Unknown	98	25.0	ORG	OA106I13	Finished	9/17/2010 4:28:05 AM	1.0000
23	HI16	014	I075-01	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:49:04 AM	1.0000
24	HI16	015	I075-02	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:54:57 AM	1.0000
25	HI16	016	I075-02D	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:00:51 AM	1.0000
26	HI16	017	I075-02M	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:06:45 AM	1.0000
27	HI16	018	I091-01	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 9:12:38 AM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3GB3091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No	Sequence	Comment
1	HI16	
2	HI16	
3	HI16	
4	HI16	
5	HI16	
6	HI16	
7	HI16	
8	HI16	
9	HI16	
10	HI16	
11	HI16	
12	HI16	
13	HI16	
14	HI16	
15	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI16	
22	HI16	
23	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS 2000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI16	019	I091-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 10:18:32 AM	1.0000
29	HI16	020	I091-03	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 11:24:25 AM	1.0000
30	HI16	021	I091-04	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:30:19 PM	1.0000
31	HI16	022	CCV18	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 2:16:06 PM	1.0000
32	HI16	023	CCB16	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 2:58:03 PM	1.0000
33	HI16	024	I148-01	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 3:19:02 PM	1.0000
34	HI16	025	I148-02	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:24:57 PM	1.0000
35	HI16	026	I148-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:30:51 PM	1.0000
36	HI16	027	I148-04	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 6:36:45 PM	1.0000
37	HI16	028	I193-01	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:42:38 PM	1.0000
38	HI16	029	I193-02	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:48:32 PM	1.0000
39	HI16	030	CCV20	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 9:54:25 PM	1.0000
40	HI16	031	CCB20	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 10:15:24 PM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
28	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI16	
32	HI16	
33	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI16	
40	HI16	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.04 · SW24-03-013

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H313
Method File:	04106H3
Analytical Batch:	

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW24-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 9/13/[illegible]

Printed: 9/15/2010 2:41:34 PM

Sequence HI13
Operator cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location Organic Acid\2010
Timebase: iCS1000
#Samples 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

0008

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD 2320B
TOTAL ALKALINITY

A total of four (4) water samples were received on 09/10/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ALI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 100148

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFIC	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	AL1008WB	ND	1	NA	5.00	1.00	09/14/1018:22	NA	10E5103003	NA	AL1008W	NA	NA
LCS1W	AL1008WL	583	1	NA	5.00	1.00	09/14/1018:33	NA	10E5103004	NA	AL1008W	NA	NA
LCD1W	AL1008WC	580	1	NA	5.00	1.00	09/14/1018:45	NA	10E5103005	NA	AL1008W	NA	NA
MW-70-PMW11A-A10	1148-01	224	1	NA	5.00	1.00	09/14/1020:57	NA	10E5103021	NA	AL1008W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	220	1	NA	5.00	1.00	09/14/1021:05	NA	10E5103022	NA	AL1008W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	205	1	NA	5.00	1.00	09/14/1021:12	NA	10E5103023	NA	AL1008W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	207	1	NA	5.00	1.00	09/14/1021:19	NA	10E5103024	NA	AL1008W	09/09/1011:33	09/10/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: HWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: AL1008WB AL1008WC AL1008WD
LAB FILE ID: 10E5103003 10E5103004 10E5103005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/1018:22 09/14/1018:33 09/14/1018:45 DATE RECEIVED: NA
PREP. BATCH: AL1008W AL1008W AL1008W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	583	101	576	580	101	0	80-120	20

ANALYSIS RUN LOG
for
ALKALINITY

EMAX LABORATORIES, INC.

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method 2320B used for SDG: 10I043, 10I075, 10I807, 10I148, 10I812, 10I091

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I03

Analytical Sequence: ALI008, ALI009, ALI

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
LCS	SW1-01-258	576
MS/MSD	NA	NA
ICV	NA	NA
0.02N HCL	SWR1-01-254	0.02

pH Buffer	ID
pH 4	SW1-01-257
pH 7	SW1-01-263
pH 10	SW1-01-251
pH Check	SW1-01-262

Analyzed By: RC

Date: 9/14/10

Report Date: 09/15/2010 : 4:46 AM

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	Run Date	Run Time	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I03	09/14/2010	5:10 PM	7.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I03	09/14/2010	5:16 PM	6.66	.00	.05	.07	.00	1.27	1.27	.00	.00	
3	AL1008WB	10E5I03	09/14/2010	6:22 PM	5.38	.00	.03	.05	.00	.10	.10	.00	.00	
4	AL1008WL	10E5I03	09/14/2010	6:33 PM	8.95	8.37	14.57	-1.00	334.77	582.70	.00	495.86	86.84	
5	AL1008WC	10E5I03	09/14/2010	6:45 PM	8.97	8.44	14.51	-1.00	337.75	580.35	.00	485.21	95.14	
6	I043-01	10E5I03	09/14/2010	6:58 PM	6.75	.00	22.65	-1.00	.00	906.07	906.07	.00	.00	
7	I043-02	10E5I03	09/14/2010	7:08 PM	6.79	.00	18.82	-1.00	.00	752.67	752.67	.00	.00	
8	I043-03	10E5I03	09/14/2010	7:17 PM	7.73	.00	5.29	-1.00	.00	211.71	211.71	.00	.00	
9	I343-04	10E5I03	09/14/2010	7:24 PM	7.85	.00	5.13	-1.00	.00	205.29	205.29	.00	.00	
10	I343-05	10E5I03	09/14/2010	7:32 PM	7.85	.00	5.52	-1.00	.00	220.65	220.65	.00	.00	
11	I050-02	10E5I03	09/14/2010	7:41 PM	8.17	.00	10.67	-1.00	.00	426.65	426.65	.00	.00	
12	I050-04	10E5I03	09/14/2010	7:50 PM	8.68	.50	9.63	-1.00	20.18	385.34	344.98	40.36	.00	
13	I062-01	10E5I03	09/14/2010	7:56 PM	6.65	.00	3.05	-1.00	.00	121.80	121.80	.00	.00	
14	I062-02	10E5I03	09/14/2010	8:02 PM	6.65	.00	1.68	-1.00	.00	67.40	67.40	.00	.00	
15	I075-01	10E5I03	09/14/2010	8:11 PM	7.76	.00	10.55	-1.00	.00	422.04	422.04	.00	.00	
16	I075-02	10E5I03	09/14/2010	8:20 PM	7.87	.00	4.33	-1.00	.00	173.20	173.20	.00	.00	
17	I075-02D	10E5I03	09/14/2010	8:27 PM	7.89	.00	4.32	-1.00	.00	172.85	172.85	.00	.00	
18	I807-01	10E5I03	09/14/2010	8:34 PM	7.79	.00	4.60	-1.00	.00	183.96	183.96	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW

Copyright Hinze-land Software Ltd.

Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I807-02	10E5I03	09/14/2010	8:42 PM	7.80	.00	4.60	-1.00	.00	183.90	183.90	.00	.00	
20	I807-03	10E5I03	09/14/2010	8:49 PM	7.90	.00	4.58	-1.00	.00	183.34	183.34	.00	.00	
21	I148-01	10E5I03	09/14/2010	8:57 PM	7.23	.00	5.61	-1.00	.00	224.29	224.29	.00	.00	
22	I148-02	10E5I03	09/14/2010	9:05 PM	7.59	.00	5.49	-1.00	.00	219.57	219.57	.00	.00	
23	I148-03	10E5I03	09/14/2010	9:12 PM	7.67	.00	5.13	-1.00	.00	205.11	205.11	.00	.00	
24	I148-04	10E5I03	09/14/2010	9:19 PM	7.63	.00	5.18	-1.00	.00	207.32	207.32	.00	.00	
25	RINSE	10E5I03	09/14/2010	9:25 PM	6.47	.00	.06	.13	.00	-.11	-.11	.00	.00	
26	ALIC09WB	10E5I03	09/14/2010	9:31 PM	5.76	.00	.05	.11	.00	-.30	-.30	.00	.00	
27	ALI009WL	10E5I03	09/14/2010	9:42 PM	9.16	10.20	14.34	-1.00	407.80	573.73	.00	331.84	241.88	
28	ALIC09WC	10E5I03	09/14/2010	9:52 PM	9.14	10.11	14.35	-1.00	404.23	574.00	.00	339.56	234.45	
29	I116-01	10E5I03	09/14/2010	10:02 PM	6.55	.00	2.59	-1.00	.00	103.76	103.76	.00	.00	
30	I116-02	10E5I03	09/14/2010	10:08 PM	7.88	.00	7.48	-1.00	.00	299.20	299.20	.00	.00	
31	I116-03	10E5I03	09/14/2010	10:15 PM	7.69	.20	7.65	-1.00	.00	306.09	306.09	.00	.00	
32	I116-04	10E5I03	09/14/2010	10:27 PM	7.53	.20	16.92	-1.00	.00	676.79	676.79	.00	.00	
33	I116-05	10E5I03	09/14/2010	10:34 PM	7.90	.00	5.16	-1.00	.00	206.57	206.57	.00	.00	
34	I116-06	10E5I03	09/14/2010	10:42 PM	7.96	.00	8.76	-1.00	.00	350.34	350.34	.00	.00	
35	116-07	10E5I03	09/14/2010	10:55 PM	8.59	.23	21.12	-1.00	9.08	844.96	826.79	18.17	.00	
36	I116-08	10E5I03	09/14/2010	11:02 PM	7.11	.00	4.07	-1.00	.00	162.97	162.97	.00	.00	
37	I116-09	10E5I03	09/14/2010	11:10 PM	7.20	.00	4.07	-1.00	.00	162.89	162.89	.00	.00	
38	I117-02	10E5I03	09/14/2010	11:17 PM	7.84	.00	3.87	-1.00	.00	154.83	154.83	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/15/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW

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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I117-03	10E5I03	09/14/2010	11:24 PM	7.26	.00	7.15	-1.00	.00	285.81	285.81	.00	.00	
40	I117-04	10E5I03	09/14/2010	11:36 PM	7.85	.00	17.21	-1.00	.00	688.29	688.29	.00	.00	
41	I117-05	10E5I03	09/14/2010	11:46 PM	7.85	.00	17.23	-1.00	.00	689.03	689.03	.00	.00	
42	I117-06	10E5I03	09/14/2010	11:56 PM	8.08	.00	9.37	-1.00	.00	374.59	374.69	.00	.00	
43	I117-07	10E5I03	09/15/2010	12:03 AM	7.66	.00	1.92	-1.00	.00	76.63	76.63	.00	.00	
44	I117-08	10E5I03	09/15/2010	12:09 AM	7.02	.00	3.69	-1.00	.00	147.77	147.77	.00	.00	
45	I117-09	10E5I03	09/15/2010	12:21 AM	8.11	.00	16.68	-1.00	.00	667.28	667.28	.00	.00	
46	I117-10	10E5I03	09/15/2010	12:29 AM	8.11	.00	7.88	-1.00	.00	315.36	315.36	.00	.00	
47	I117-11	10E5I03	09/15/2010	12:39 AM	7.54	.00	10.84	-1.00	.00	433.72	433.72	.00	.00	
48	I117-12	10E5I03	09/15/2010	12:49 AM	7.48	.00	14.46	-1.00	.00	578.57	576.57	.00	.00	
49	I117-12D	10E5I03	09/15/2010	12:59 AM	7.48	.00	14.52	-1.00	.00	580.72	580.72	.00	.00	
50	RINSE	10E5I03	09/15/2010	1:06 AM	6.31	.00	.06	.12	.00	.22	.22	.00	.00	
51	AL010WB	10E5I03	09/15/2010	1:12 AM	5.75	.00	.05	.10	.00	.03	.03	.00	.00	
52	AL010WL	10E5I03	09/15/2010	1:21 AM	9.14	10.14	14.43	-1.00	405.77	577.20	.00	342.85	234.34	
53	AL010WC	10E5I03	09/15/2010	1:32 AM	9.13	10.25	14.39	-1.00	402.04	575.50	.00	346.91	228.59	
54	I096-02	10E5I03	09/15/2010	1:40 AM	9.08	1.21	9.78	-1.00	48.24	391.29	294.81	96.49	.00	
55	I096-03	10E5I03	09/15/2010	1:51 AM	8.17	.00	13.12	-1.00	.00	524.66	524.66	.00	.00	
56	I096-04	10E5I03	09/15/2010	2:00 AM	8.20	.00	11.82	-1.00	.00	472.73	472.73	.00	.00	
57	I096-05	10E5I03	09/15/2010	2:11 AM	8.20	.00	11.79	-1.00	.00	471.65	471.65	.00	.00	
58	I134-02	10E5I03	09/15/2010	2:20 AM	8.01	.00	12.19	-1.00	.00	487.56	487.56	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

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Run Number 473 **Analytical Batch#** 10E5I03

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I134-03	10E5I03	09/15/2010	2:30 AM	8.09	.00	12.24	-1.00	.00	489.70	489.70	.00	.00	
60	I134-04	10E5I03	09/15/2010	2:39 AM	8.13	.00	11.39	-1.00	.00	455.72	455.72	.00	.00	
61	I134-05	10E5I03	09/15/2010	2:49 AM	8.10	.00	11.18	-1.00	.00	447.14	447.14	.00	.00	
62	I134-06	10E5I03	09/15/2010	2:58 AM	8.41	.16	10.13	-1.00	6.28	405.05	392.43	12.56	.00	
63	I134-07	10E5I03	09/15/2010	3:08 AM	8.03	.00	11.58	-1.00	.00	463.12	463.12	.00	.00	
64	I134-08	10E5I03	09/15/2010	3:17 AM	8.07	.00	11.56	-1.00	.00	462.39	462.39	.00	.00	
65	I812-01	10E5I03	09/15/2010	3:24 AM	7.94	.00	4.60	-1.00	.00	184.19	184.19	.00	.00	
66	I812-02	10E5I03	09/15/2010	3:32 AM	8.11	.00	4.59	-1.00	.00	183.40	183.40	.00	.00	
67	I812-03	10E5I03	09/15/2010	3:41 AM	8.02	.00	4.63	-1.00	.00	185.03	185.03	.00	.00	
68	I091-01	10E5I03	09/15/2010	3:49 AM	7.79	.00	10.13	-1.00	.00	405.29	405.29	.00	.00	
69	I091-02	10E5I03	09/15/2010	4:00 AM	7.77	.00	15.44	-1.00	.00	617.63	617.63	.00	.00	
70	I091-02D	10E5I03	09/15/2010	4:10 AM	7.76	.00	15.49	-1.00	.00	619.54	619.54	.00	.00	
71	I091-03	10E5I03	09/15/2010	4:21 AM	7.05	.00	17.48	-1.00	.00	699.15	699.15	.00	.00	
72	I091-04	10E5I03	09/15/2010	4:37 AM	7.35	.00	33.20	-1.00	.00	1,327.87	1,327.87	.00	.00	
73	RINSE	10E5I03	09/15/2010	4:43 AM	6.21	.00	.06	.12	.00	.17	.17	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/15/10

PC-Titration PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT SRW

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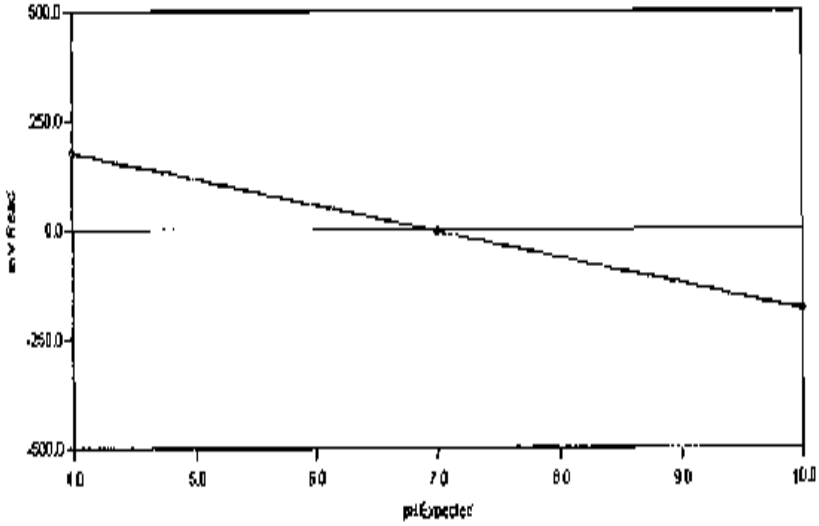
PC-TitratION PLUS
Calibration Report

Calibration Record # 211



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/14/2010	
Channel	1	Time	6:07 PM	
Probe Type	pH	Temperature	296.82 K	23.67 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.630	CorrCoeff	1.0000
Intercept	-3.497	Equation: Y = (-59.630) X + (-3.497)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.630	-65.00	-53.00
Intercept	-3.497	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	176.39
	7.00	-5.49
	10.00	-181.39

CALRPRT.SRW
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PC-Titrate For Windows

Running List Report

Order Number - 10E5103

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI008WB	6	.00	25.00
5	PH-ALK	ALI008WL	7	.00	25.00
6	PH-ALK	ALI008WC	8	.00	25.00
7	PH-ALK	I043-01	9	.00	25.00
8	PH-ALK	I043-02	10	.00	25.00
9	PH-ALK	I043-03	11	.00	25.00
10	PH-ALK	I043-04	12	.00	25.00
11	PH-ALK	I043-05	13	.00	25.00
12	PH-ALK	I050-02	14	.00	25.00
13	PH-ALK	I050-04	15	.00	25.00
14	PH-ALK	I062-01	16	.00	25.00
15	PH-ALK	I062-02	17	.00	25.00
16	PH-ALK	I075-01	18	.00	25.00
17	PH-ALK	I075-02	19	.00	25.00
18	PH-ALK	I075-02D	20	.00	25.00
19	PH-ALK	I807-01	21	.00	25.00
20	PH-ALK	I807-02	22	.00	25.00
21	PH-ALK	I807 03	23	.00	25.00
22	PH-ALK	I148-01	24	.00	25.00
23	PH-ALK	I148-02	25	.00	25.00
24	PH-ALK	I148-03	26	.00	25.00
25	PH-ALK	I146 04	27	.00	25.00
26	PH-ALK	RINSE	28	.00	25.00
27	PH-ALK	ALI009WB	29	.00	25.00
28	PH-ALK	ALI009WL	30	.00	25.00
29	PH-ALK	ALI009WC	31	.00	25.00
30	PH-ALK	I116-01	32	.00	25.00
31	PH-ALK	I116 02	33	.00	25.00
32	PH-ALK	I116-03	34	.00	25.00
33	PH-ALK	I116-04	35	.00	25.00
34	PH-ALK	I116-05	36	.00	25.00
35	PH-ALK	I116-06	37	.00	25.00
36	PH-ALK	I116-07	38	.00	25.00
37	PH-ALK	I116-08	39	.00	25.00
38	PH-ALK	I116-09	40	.00	25.00
39	PH-ALK	I117-02	41	.00	25.00
40	PH-ALK	I117-03	42	.00	25.00

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8078

Running List Report

Order Number - 10E5I03

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I117-04	43	.00	25.00
42	PH-ALK	I117-05	44	.00	25.00
43	PH-ALK	I117-06	45	.00	25.00
44	PH-ALK	I117-07	46	.00	25.00
45	PH-ALK	I117-08	47	.00	25.00
46	PH-ALK	I117-09	48	.00	25.00
47	PH-ALK	I117-10	49	.00	25.00
48	PH-ALK	I117-11	50	.00	25.00
49	PH-ALK	I117-12	51	.00	25.00
50	PH-ALK	I117-12D	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00
52	PH-ALK	ALI010WB	54	.00	25.00
53	PH-ALK	ALI010WL	55	.00	25.00
54	PH-ALK	ALI010WC	56	.00	25.00
55	PH-ALK	I096-02	57	.00	25.00
56	PH-ALK	I096-03	58	.00	25.00
57	PH-ALK	I096-04	59	.00	25.00
58	PH-ALK	I096-05	60	.00	25.00
59	PH-ALK	I134-02	61	.00	25.00
60	PH-ALK	I134-03	62	.00	25.00
61	PH-ALK	I134-04	63	.00	25.00
62	PH-ALK	I134-05	64	.00	25.00
63	PH-ALK	I134-06	65	.00	25.00
64	PH-ALK	I134-07	66	.00	25.00
65	PH-ALK	I134-08	67	.00	25.00
66	PH-ALK	I812-01	68	.00	25.00
67	PH-ALK	I812-02	69	.00	25.00
68	PH-ALK	I812-03	70	.00	25.00
69	PH-ALK	I091-01	71	.00	25.00
70	PH-ALK	I091-02	72	.00	25.00
71	PH-ALK	I091-02D	73	.00	25.00
72	PH-ALK	I091-03	74	.00	25.00
73	PH-ALK	I091-04	75	.00	25.00
74	PH-ALK	RINSE	76	.00	25.00

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10T148

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of four (4) water samples were received on 09/10/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TDIC08WL/C were all within QC limits.
Percent recoveries for TDIC09WL/C were all within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : MWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TD1008WB	ND	1	NA	20.0	5.00	09/15/1017:32	NA	TD100801	NA	TD1008W	NA	NA
LCS1W	TD1008WL	995	1	NA	20.0	5.00	09/15/1017:32	NA	TD100802	NA	TD1008W	NA	NA
LCD1W	TD1008WC	980	1	NA	20.0	5.00	09/15/1017:32	NA	TD100803	NA	TD1008W	NA	NA
MW-70-PMW11A-A10	1148-01	3380C	1	NA	20.0	5.00	09/15/1017:32	NA	TD100838	NA	TD1008W	09/09/1009:15	09/10/10
MW-70-PMW11A-A10DUP	1148-01D	33500	1	NA	20.0	5.00	09/15/1017:32	NA	TD100839	NA	TD1008W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	4350	1	NA	20.0	5.00	09/15/1017:32	NA	TD100810	NA	TD1008W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	4770	1	NA	20.0	5.00	09/15/1017:32	NA	TD100811	NA	TD1008W	09/09/1010:49	09/10/10
MBLK2W	TD1009WB	ND	1	NA	20.0	5.00	09/16/1019:44	NA	TD100901	NA	TD1009W	NA	NA
LCS2W	TD1009WL	1040	1	NA	20.0	5.00	09/16/1019:44	NA	TD100902	NA	TD1009W	NA	NA
LCD2W	TD1009WC	990	1	NA	20.0	5.00	09/16/1019:44	NA	TD100903	NA	TD1009W	NA	NA
MW-70-PMW13B-A10	1148-04	7680	1	NA	20.0	5.00	09/16/1019:44	NA	TD100904	NA	TD1009W	09/09/1011:33	09/10/10
MW-70-PMW13B-A10DUP	1148-04D	7500	1	NA	20.0	5.00	09/16/1019:44	NA	TD100905	NA	TD1009W	09/09/1011:33	09/10/10

0070

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, TR SITE 7D.
BATCH NO.: 101148
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKIW
LAB SAMP ID: TD1008WB TD1008WL TD1008WC
LAB FILE ID: TC100801 TD100832 TC100803
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/15/1017:32 09/15/1017:32 09/15/1017:32 DATE RECEIVED: NA
PREP. BATCH: TC1008W TD1008W TD1008W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	995	100	1000	980	98	2	80-120	20

00712

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, LR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: T31009WB TD1009WL TD1009WC
LAB FILE ID: TD100901 TD100902 TD100903
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1019:44 09/16/1019:44 09/16/1019:44 DATE RECEIVED: NA
PREP. BATCH: TD1009W T31009W TD1009W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	1040	104	1000	990	99	5	80-120	20

0075

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101148
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW1A-A10
EMAX SAMP ID: 1148-01 1148-01D
LAB FILE ID: TD100908 TD100809
DATE EXTRACTED: NA NA DATE COLLECTED: 09/09/10 09:15
DATE ANALYZED: 09/15/1017:32 09/15/1017:32 DATE RECEIVED: 09/10/10
PREP. BATCH: TD1008W TD1008W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	33800	33500	1	5

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW13B-A10
EMAX SAMP ID: 1148-04 1148-04D
LAB FILE ID: TD100904 TD100905
DATE EXTRACTED: NA NA DATE COLLECTED: 09/09/10 11:33
DATE ANALYZED: 09/16/1019:44 09/16/1019:44 DATE RECEIVED: 09/10/10
PREP. BATCH: TD1009W TD1009W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	7680	7500	2	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: 1050808

Comments:

Sample I 148-04 for reanalysis: result was out of 10-200 mg solid range

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-266	1000

Analyzed By: PP

Date: 9-17-10

8078

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES, INC.

Instrument ID: 4CT06360 | Oven Temp IN (°C): 180 | Oven Temp OUT (°C): 180 | SOP: EMAX-254-C Rev 1

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg. (+/- 5mg)	Difference 2nd & 3rd Dry W. Rdg. (+/- 5mg)
TD1008 01	TD1008WB	100	B	72.6737	09/15/10	17:32	72.6737	09/16/10	14:24	72.6737	09/16/10	16:41	72.6753	09/16/10	16:43	0	0.0
TD1008 02	TD1008WL	20	L	13.2176	09/15/10	17:33	13.2178	09/16/10	14:26	13.2175	09/16/10	16:42	13.2175	09/16/10	16:43	-0.0002	0.0
TD1008 03	TD1008WC	20	C	13.1574	09/15/10	17:33	13.1574	09/16/10	14:27	13.1573	09/16/10	16:42	13.1577	09/16/10	16:43	-0.0004	0.0
TD1008 04	1191-01	20	1	13.1552	09/15/10	17:33	13.2344	09/16/10	14:28	13.2342	09/16/10	16:43	13.2343	09/16/10	16:43	-0.0001	0.1
TD1008 05	1191-02	20	2	13.1954	09/15/10	17:34	13.3064	09/16/10	14:28	13.3064	09/16/10	16:44	13.3064	09/16/10	16:44	0.0000	0.0
TD1008 06	1175-02	20	3	13.4356	09/15/10	17:34	13.4345	09/16/10	14:29	13.4349	09/16/10	16:45	13.4345	09/16/10	16:45	0.0001	0.4
TD1008 07	1168-02	20	4	13.1461	09/15/10	17:35	13.1674	09/16/10	14:29	13.1674	09/16/10	16:45	13.1674	09/16/10	16:45	0	0.0
TD1008 08	1148-03	5	5	13.2533	09/15/10	17:35	13.4219	09/15/10	14:30	13.4217	09/15/10	16:45	13.4217	09/16/10	16:45	0.0000	0.0
TD1008 09	1148-03D	5	5	13.2734	09/15/10	17:36	13.3806	09/15/10	14:30	13.3801	09/15/10	16:46	13.3801	09/16/10	16:46	-0.0001	0.0
TD1008 10	1148-02	20	7	13.1830	09/15/10	17:36	13.2696	09/15/10	14:31	13.27	09/15/10	16:46	13.23	09/16/10	16:46	-0.0005	0.0
TD1008 11	1148-01	20	8	13.2667	09/15/10	17:37	13.3624	09/15/10	14:31	13.3622	09/15/10	16:47	13.3622	09/16/10	16:47	-0.0002	0.0
TD1008 12	1148-04	50	9	13.9950	09/15/10	17:38	13.9445	09/15/10	14:33	13.9445	09/15/10	16:48	13.9445	09/16/10	16:48	0.0000	0.0
TD1008 13	1163-08	20	10	13.2563	09/15/10	17:38	13.3027	09/15/10	14:33	13.3017	09/16/10	16:48	13.3017	09/16/10	16:48	-0.0010	0.0
TD1008 14	1152-09D	20	11	13.2538	09/15/10	17:39	13.2586	09/15/10	14:34	13.2585	09/16/10	16:49	13.2584	09/16/10	16:49	-0.0001	0.1
TD1008 15	1163-09	20	12	70.7287	09/15/10	17:39	70.7408	09/16/10	14:34	70.7422	09/16/10	16:49	70.7409	09/16/10	16:49	0.0014	0.3
TD1008 16	1163-10	20	13	13.2487	09/15/10	17:40	13.268	09/16/10	14:35	13.2677	09/16/10	16:50	13.2677	09/16/10	16:50	-0.0003	0.0
TD1008 17	1162-18	20	14	13.1897	09/15/10	17:40	13.1879	09/16/10	14:35	13.1875	09/16/10	16:50	13.1875	09/16/10	16:50	-0.0004	0.0
TD1008 18	1162-19	20	15	13.1792	09/15/10	17:41	13.1855	09/16/10	14:36	13.1853	09/16/10	16:51	13.1853	09/16/10	16:51	-0.0002	0.0
TD1008 19	1203-07	20	16	13.0752	09/15/10	17:41	13.1002	09/16/10	14:36	13.1001	09/16/10	16:52	13.1001	09/16/10	16:52	-0.0001	0.0
TD1008 20	1203-22	20	17	13.1548	09/15/10	17:42	13.2405	09/16/10	14:36	13.2405	09/16/10	16:52	13.2405	09/16/10	16:52	0	0.0
TD1008 21	1203-23	20	18	13.1485	09/15/10	17:42	13.1711	09/16/10	14:37	13.171	09/16/10	16:53	13.1710	09/16/10	16:53	-0.0001	0.1
TD1008 22	1203-11	5	19	13.1356	09/15/10	17:43	13.2723	09/16/10	14:37	13.2723	09/16/10	16:53	13.2723	09/16/10	16:53	0	0.0

9/16/10

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09/15/10	17:29:53	PASSED
100	99.9955	09/15/10	17:29:57	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9998	09/15/10	17:46:26	PASSED
100	99.9955	09/15/10	17:46:37	PASSED

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/16/10	14:22:52	PASSED
100	99.9945	09/16/10	14:24:55	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/16/10	16:55:17	PASSED
100	99.9956	09/16/10	16:55:21	PASSED

LCS Conc. 1000 mg/L MDL 5 mg/L RL 10 mg/L

COMMENTS

Initial Reading by: SLM/PP

Final Reading by: SLM/PP

Reviewed by: SLM

8879

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD1008 | Start Date/Time: 09/15/10 17:32 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/16/10 16:53 | Temp Out(°C): 180

DATA FILE ID		Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD1008	01	TD1008WB	100	72.6737	72.6737		ND	
TD1008	02	TD1008WL	20	13.2176	13.2375	19.9000	995	100
TD1008	03	TD1008WC	20	13.1574	13.177	19.6000	980	98
TD1008	04	1193-01	20	13.153	13.2343	81.3000	4060	
TD1008	05	1193-02	20	13.1934	13.3064	113.0000	5650	
TD1008	06	1173-02	50	71.4056	71.4345	28.9000	578	
TD1008	07	1468-02	20	13.1467	13.1674	20.7000	1040	
TD1008	08	1148-01	5	13.2527	13.4217	169.0000	33800	
TD1008	09	1148-01D	5	13.2124	13.3801	167.7000	33500	
TD1008	10	1148-02	20	13.183	13.27	87.0000	4350	
TD1008	11	1148-03	20	13.2667	13.3622	95.5000	4770	
TD1008	12	1148-04	50	73.508	73.9445	436.5000	8730	
TD1008	13	1162-05	20	13.2863	13.3017	15.4000	770	
TD1008	14	1162-05D	20	13.2538	13.2684	14.6000	730	
TD1008	15	1162-09	50	70.7087	70.7409	32.2000	644	
TD1008	16	1162-10	20	13.2487	13.2677	19.0000	950	
TD1008	17	1162-18	20	13.1847	13.1975	12.8000	640	
TD1008	18	1162-19	20	13.1707	13.1853	14.6000	730	
TD1008	19	1203-01	20	13.0752	13.1001	24.9000	1240	
TD1008	20	1203-02	20	13.1948	13.2405	45.7000	2290	
TD1008	21	1203-03	20	13.1499	13.1711	21.2000	1060	
TD1008	22	1097-11	5	13.1956	13.2723	76.7000	15300	

MB 9/16/10

LCS Concentration: 1000 mg/L | MDL (mg/L): < | Initial Reading by: MJM/PP

SOP: EMAX-2540C Rev.1 | RL (mg/L): 10 | Final Reading by: MJM/PP

COMMENTS:

Reviewed by: MJM

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDI009

SOP #	Rev. #
☐ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-266	1000

Analyzed By: PP / MM

Date: 9-20-10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX

Analytical Batch LABORATORIES INC. Instrument ID. 40706350 Oven Temp IN (°C) 180 Oven Temp OUT (°C) 180 SOP EMAX-254SC Rev 1

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Reg	Difference 2nd & 3rd Dry Wt. Reg (≤0.5mg)	NOTES
TD0[illegible]	[illegible]	100	5	70.3686	09/16/10	19:44	70.3705	09/17/10	12:15	70.3702	09/17/10	14:27	70.3702	09/17/10	14:27	-0.0003	0.0	
TD0[illegible]	TD.005WL	20	1	13.2154	09/16/10	19:44	13.2384	09/17/10	12:14	13.2363	09/17/10	14:28	13.2360	09/17/10	14:28	-0.0034	0.0	
TD0[illegible]	TD.005WC	20	6	13.1237	09/16/10	19:44	13.1235	09/17/10	12:14	13.1235	09/17/10	14:28	13.1235	09/17/10	14:28	0	0.0	
TD0[illegible]	[illegible]-04	10	1	13.3367	09/16/10	19:45	13.4156	09/17/10	12:15	13.4158	09/17/10	14:29	13.4155	09/17/10	14:29	0.0004	0.4	
TD0[illegible]	[illegible]-04D	10	2	13.2124	09/16/10	19:45	13.2123	09/17/10	12:16	13.2128	09/17/10	14:29	13.2124	09/17/10	14:29	0.0005	0.4	

09/17/10

Beginning Balance Check			
Set Weight (g)	Balance Reg (g)	Date	Comments
1	0.9998	9/17/10 15:42	PASSED
100	99.9997	9/17/10 15:43	PASSED

Ending Balance Check			
Set Weight (g)	Balance Reg (g)	Date	Comments
1	0.9995	9/17/10 15:46	PASSED
100	99.9938	9/17/10 15:46	PASSED

Beginning Balance Check			
Set Weight (g)	Balance Reg (g)	Date	Comments
1	0.9999	9/17/10 12:12	PASSED
100	99.9949	9/17/10 12:12	PASSED

Ending Balance Check			
Set Weight (g)	Balance Reg (g)	Date	Comments
1	0.9998	9/17/10 14:30	PASSED
100	99.9943	9/17/10 14:30	PASSED

Acceptance Criteria = 0.1% OR 0.5 mg whichever is greater

LCS Conc: 100 mg/L MDL: 5 mg/L RL: 10 mg/L Initial Reg by: MJM/PP Final Reg by: MJM/PP Reviewed by: MJM

Date: 9/17/2010

Remarks

2008

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI009 Start Date/Time: 09/16/10 19:44 Temp IN(°C): 180

Balance ID: 40706360 End Date/Time: 09/17/10 14:29 Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI00901	TDI009WB	100	70.3698	70.3702	0.4000	ND	
TDI00902	TDI009WL	20	13.2184	13.2393	20.9000	1040	104
TDI00903	TDI009WC	20	13.1037	13.1235	19.8000	990	99
TDI00904	I148-04	10	13.3387	13.4155	76.8000	7680	
TDI00905	I148-04D	10	13.1374	13.2124	75.0000	7500	

mm 9-17-10 PP

LCS Concentration: 1000 mg/L MDL(mg/L): 5 Initial Reading by: MJM/PP

SOP: EMAX-2540C Rev 1 RL (mg/L): 10 Final Reading by: MJM/PP

Remarks:

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower_Limit	HigherLimit	Comments
10203192	31116	200	200.05	9/15/10 9:11	200.06	9/15/10 9:12	200.05	9/15/10 9:13	199.8	200.2	200g Check Passed
10203192	31116	100	100.02	9/15/10 9:11	100.03	9/15/10 9:12	100.03	9/15/10 9:13	99.9	100.1	100g Check Passed
10203192	31116	50	50.01	9/15/10 9:12	50.01	9/15/10 9:12	50.01	9/15/10 9:13	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/15/10 9:12	30.01	9/15/10 9:12	30.01	9/15/10 9:13	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/15/10 9:12	1	9/15/10 9:12	1	9/15/10 9:13	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/15/10 9:15	200	9/15/10 9:16	200	9/15/10 9:16	199.8	200.2	200g Check Passed
10304418	31116	100	100.01	9/15/10 9:15	100	9/15/10 9:16	100	9/15/10 9:16	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/15/10 9:15	50	9/15/10 9:16	50	9/15/10 9:16	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/15/10 9:15	30	9/15/10 9:16	30	9/15/10 9:16	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/15/10 9:15	1	9/15/10 9:16	1	9/15/10 9:16	0.999	1.001	1g Check Passed
40706360	31116	150	149.9923	9/15/10 9:18	149.9923	9/15/10 9:20	149.9924	9/15/10 9:21	149.85	150.15	150g Check Passed
40706360	31116	100	99.9942	9/15/10 9:18	99.9944	9/15/10 9:20	99.9946	9/15/10 9:21	99.9	100.1	100g Check Passed
40706360	31116	50	49.9975	9/15/10 9:19	49.9974	9/15/10 9:20	49.9975	9/15/10 9:21	49.95	50.05	50g Check Passed
40706360	31116	30	29.9981	9/15/10 9:19	29.9983	9/15/10 9:21	29.9983	9/15/10 9:22	29.97	30.03	30g Check Passed
40706360	31116	1	0.9994	9/15/10 9:19	0.9997	9/15/10 9:21	0.9996	9/15/10 9:22	0.999	1.001	1g Check Passed
10601202	31116	200	199.999	9/15/10 9:23	199.995	9/15/10 9:24	199.994	9/15/10 9:25	199.8	200.2	200g Check Passed
10601202	31116	100	99.999	9/15/10 9:23	99.998	9/15/10 9:24	99.995	9/15/10 9:25	99.9	100.1	100g Check Passed
10601202	31116	50	50	9/15/10 9:23	49.998	9/15/10 9:24	49.993	9/15/10 9:26	49.95	50.05	50g Check Passed
10601202	31116	30	29.998	9/15/10 9:24	30	9/15/10 9:25	29.999	9/15/10 9:26	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/15/10 9:24		9/15/10 9:25	1	9/15/10 9:26	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/15/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: NDR

Date: 9/16

Bal. Checked by: JF

Acceptance Limit ± 0.1%

8081

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/16/10 9:47	200.04	9/16/10 9:48	200.05	9/16/10 9:49	199.8	200.2	200g Check Passed
10203192	31116	100	100.03	9/16/10 9:47	100.02	9/16/10 9:48	100.02	9/16/10 9:49	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/16/10 9:47	50.01	9/16/10 9:48	50.01	9/16/10 9:49	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/16/10 9:48	30	9/16/10 9:48	30	9/16/10 9:49	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/16/10 9:48	1	9/16/10 9:48	1	9/16/10 9:49	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/16/10 9:51	200	9/16/10 9:51	200	9/16/10 9:52	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/16/10 9:51	100	9/16/10 9:51	100	9/16/10 9:52	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/16/10 9:51	50	9/16/10 9:51	50	9/16/10 9:52	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/16/10 9:51	30	9/16/10 9:51	30	9/16/10 9:52	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/16/10 9:51	1	9/16/10 9:51	1	9/16/10 9:52	0.999	1.001	1g Check Passed
40706360	31116	150	149.9939	9/16/10 9:54	149.9939	9/16/10 9:55	149.994	9/16/10 9:59	149.85	150.15	150g Check Passed
40706360	31116	100	99.9958	9/16/10 9:54	99.9959	9/16/10 9:56	99.9958	9/16/10 9:59	99.9	100.1	100g Check Passed
40706360	31116	50	49.996	9/16/10 9:54	49.9981	9/16/10 9:57	49.998	9/16/10 9:59	49.95	50.05	50g Check Passed
40706360	31116	30	29.9987	9/16/10 9:54	29.9988	9/16/10 9:57	29.9988	9/16/10 10:00	29.97	30.03	30g Check Passed
40706360	31116	1	0.9999	9/16/10 9:55	1	9/16/10 9:58	0.9999	9/16/10 10:00	0.999	1.001	1g Check Passed
10601202	31116	200	200.002	9/16/10 10:01	199.995	9/16/10 10:01	199.994	9/16/10 10:02	199.8	200.2	200g Check Passed
10601202	31116	100	100.001	9/16/10 10:01	100	9/16/10 10:02	99.998	9/16/10 10:02	99.9	100.1	100g Check Passed
10601202	31116	50	50.001	9/16/10 10:01	49.998	9/16/10 10:02	49.998	9/16/10 10:02	49.95	50.05	50g Check Passed
10601202	31116	30	30.007	9/16/10 10:01	30.001	9/16/10 10:02	30.003	9/16/10 10:02	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/16/10 10:01	1.001	9/16/10 10:02	0.999	9/16/10 10:03	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/16/10

Comment. All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/16/10

Acceptance Limit :± 0.1%

Bal. Checked by JF

0035

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/16/10 9:47	200.04	9/16/10 9:48	200.05	9/16/10 9:49	199.8	200.2	200g Check Passed
10203192	31116	100	100.03	9/16/10 9:47	100.02	9/16/10 9:48	100.02	9/16/10 9:49	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/16/10 9:47	50.01	9/16/10 9:48	50.01	9/16/10 9:49	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/16/10 9:48	30	9/16/10 9:48	30	9/16/10 9:49	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/16/10 9:48	1	9/16/10 9:48	1	9/16/10 9:49	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/16/10 9:51	200	9/16/10 9:51	200	9/16/10 9:52	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/16/10 9:51	100	9/16/10 9:51	100	9/16/10 9:52	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/16/10 9:51	50	9/16/10 9:51	50	9/16/10 9:52	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/16/10 9:51	30	9/16/10 9:51	30	9/16/10 9:52	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/16/10 9:51	1	9/16/10 9:51	1	9/16/10 9:52	0.999	1.001	1g Check Passed
40706360	31116	150	149.9939	9/16/10 9:54	149.9939	9/16/10 9:55	149.994	9/16/10 9:59	149.85	150.15	150g Check Passed
40706360	31116	100	99.9958	9/16/10 9:54	99.9959	9/16/10 9:56	99.9968	9/16/10 9:59	99.9	100.1	100g Check Passed
40706360	31116	50	49.998	9/16/10 9:54	49.9981	9/16/10 9:57	49.998	9/16/10 9:59	49.95	50.05	50g Check Passed
40706360	31116	30	29.9987	9/16/10 9:54	29.9988	9/16/10 9:57	29.9988	9/16/10 10:00	29.97	30.03	30g Check Passed
40706360	31116	1	0.9999	9/16/10 9:55	1	9/16/10 9:58	0.9999	9/16/10 10:00	0.999	1.001	1g Check Passed
10601202	31116	200	200.002	9/16/10 10:01	199.995	9/16/10 10:01	199.994	9/16/10 10:02	199.8	200.2	200g Check Passed
10601202	31116	100	100.001	9/16/10 10:01	100	9/16/10 10:02	99.998	9/16/10 10:02	99.9	100.1	100g Check Passed
10601202	31116	50	50.001	9/16/10 10:01	49.998	9/16/10 10:02	49.998	9/16/10 10:02	49.95	50.05	50g Check Passed
10601202	31116	30	30.007	9/16/10 10:01	30.001	9/16/10 10:02	30.003	9/16/10 10:02	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/16/10 10:01	1.001	9/16/10 10:02	0.999	9/16/10 10:03	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/16/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MTB

Date: 9/16/10

Acceptance Limit : ± 0.1%

Bal. Checked by: JF

9603

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower Limit	Higher Limit	Comments
10203192	31116	200	200.06	9/17/10 8:38	200.07	9/17/10 8:38	200.05	9/17/10 8:40	199.8	200.2	200g Check Passed
10203192	31116	100	100.03	9/17/10 8:38	100.03	9/17/10 8:39	100.03	9/17/10 8:40	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/17/10 8:38	50.01	9/17/10 8:39	50	9/17/10 8:40	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/17/10 8:38	30	9/17/10 8:39	30	9/17/10 8:40	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/17/10 8:38	1	9/17/10 8:39	1	9/17/10 8:40	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/17/10 8:44	200	9/17/10 8:45	199.99	9/17/10 8:45	199.8	200.2	200g Check Passed
10304418	31116	100	99.99	9/17/10 8:44	100	9/17/10 8:45	99.99	9/17/10 8:45	99.9	100.1	100g Check Passed
10304416	31116	50	50	9/17/10 8:44	50	9/17/10 8:45	49.99	9/17/10 8:45	49.95	50.05	50g Check Passed
10304416	31116	30	29.99	9/17/10 8:45	30	9/17/10 8:45	30	9/17/10 8:46	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/17/10 8:45	1	9/17/10 8:45	1	9/17/10 8:46	0.999	1.001	1g Check Passed
40706360	31116	150	149.991	9/17/10 8:47	149.991	9/17/10 8:49	149.9908	9/17/10 8:50	149.85	150.15	150g Check Passed
40706360	31116	100	99.9939	9/17/10 8:47	99.9936	9/17/10 8:49	99.9938	9/17/10 8:50	99.9	100.1	100g Check Passed
40706360	31116	50	49.9969	9/17/10 8:47	49.9969	9/17/10 8:49	49.9969	9/17/10 8:50	49.95	50.05	50g Check Passed
40706360	31116	30	29.998	9/17/10 8:48	29.998	9/17/10 8:49	29.998	9/17/10 8:50	29.97	30.03	30g Check Passed
40706360	31116	1	0.9997	9/17/10 8:48	0.9997	9/17/10 8:49	0.9998	9/17/10 8:51	0.999	1.001	1g Check Passed
10601202	31116	200	199.992	9/17/10 8:52	199.991	9/17/10 8:52	199.991	9/17/10 8:53	199.8	200.2	200g Check Passed
10601202	31116	100	99.996	9/17/10 8:52	99.996	9/17/10 8:52	99.993	9/17/10 8:53	99.9	100.1	100g Check Passed
10601202	31116	50	49.998	9/17/10 8:52	49.995	9/17/10 8:52	49.996	9/17/10 8:53	49.95	50.05	50g Check Passed
10601202	31116	30	29.998	9/17/10 8:52	30	9/17/10 8:52	29.998	9/17/10 8:53	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/17/10 8:52	1	9/17/10 8:52	0.999	9/17/10 8:53	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF 9/17/10
		1							0.999	1.001	

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.00 0=220.001)

Reviewed by: MJW

Date: 9/17/10

Acceptance Limit: ± 0.1%

Bal. Checked by: JF 9/17/10

0067

CASE NARRATIVE

Client : INSIGHT REC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101148

METHOD SM5310B
TOC

A total of four (4) water samples were received on 09/10/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI007WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 71.
Batch No. : TC1148

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
ABLK1W	TC1007WB	ND	1	NA	1.00	0.500	09/17/1015:27	NA	TC1004-04	TC1004-02	TC1007W	NA	NA
LCS1W	TC1007WL	25.0	1	NA	1.00	0.500	09/17/1015:40	NA	TC1004-05	TC1004-02	TC1007W	NA	NA
LCD1W	TC1007WC	24.9	1	NA	1.00	0.500	09/17/1015:53	NA	TC1004-06	TC1004-02	TC1007W	NA	NA
MW-70-PMW11A-A10	1148-01R	1.67	1	NA	1.00	0.500	09/17/1018:02	NA	TC1004-08	TC1004-02	TC1007W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02R	2.06	1	NA	1.00	0.500	09/17/1018:13	NA	TC1004-09	TC1004-02	TC1007W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03R	1.97	1	NA	1.00	0.500	09/17/1018:24	NA	TC1004-10	TC1004-02	TC1007W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04R	1.74	1	NA	1.00	0.500	09/17/1018:36	NA	TC1004-11	TC1004-02	TC1007W	09/09/1011:33	09/10/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NAS SEAL BEACH, IR SITE 70.
BATCH NO.: 101148
METHOD: METHOD SM53'05

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKW				
LAB SAMP ID:	TC1007WB	TC1007WL	TC1007WC		
LAB FILE ID:	TC1004-04	TC1004-05	TC1004-06		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/17/1015:27	09/17/1015:40	09/17/1015:53	DATE RECEIVED:	NA
PREP. BATCH:	TC1007W	TC1007W	TC1007W		
CALIB. REF:	TC1004-02	TC1004-02	TC1004-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.0	100	25.0	24.9	100	0	85-115	20

ANALYSIS RUN LOG
for
TOC

For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Start (date & time) 9/17/10 13:48

End (date & time) 9/17/10 7:30

TC007W:

10I-147-01 → 04

10I-066-01, 02

10I-147-01, 09, 10

10I-148-01

10I-148-01 → 03

10I-183-01

10I-173-02

10I-193-01, 02

10I-468-01

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI004
Method File:	TCI004
Analytical Batch:	TCI007W

SOP #	Rev. #
☐ EMAX-415.1	2
☐ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-03-326	25
CCV	SW10B-03-327	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/17/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI004-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI004-02	0A-123456	C:\Pro	1.000	NPOC:25.13 mg/L	
3	Unknown	NPOC	ICB	TCI004-03	0A-123456	C:\Pro	1.000	NPOC:0.3574 mg/L	
4	Unknown	NPOC	TCI007WB	TCI004-04	0A-123456	C:\Pro	1.000	NPOC:0.2569 mg/L	
5	Unknown	NPOC	TCI007WL	TCI004-05	0A-123456	C:\Pro	1.000	NPOC:25.02 mg/L	
6	Unknown	NPOC	TCI007WC	TCI004-06	0A-123456	C:\Pro	1.000	NPOC:24.95 mg/L	
7	Unknown	NPOC	RC03/CO3	TCI004-07	0A-123456	C:\Pro	1.000	NPOC:~~1.551 mg/L~~	1.619 mg/L Am 9/14
8	Unknown	NPOC	10I148-01R	TCI004-08	0A-123456	C:\Pro	1.000	NPOC:2.064 mg/L	✓
9	Unknown	NPOC	10I148-02R	TCI004-09	0A-123456	C:\Pro	1.000	NPOC:~~2.061 mg/L~~	1.870 mg/L Am 9/
10	Unknown	NPOC	10I148-03R	TCI004-10	0A-123456	C:\Pro	1.000	NPOC:~~1.872 mg/L~~	1.791 mg/L
11	Unknown	NPOC	10I148-04R	TCI004-11	0A-123456	C:\Pro	1.000	NPOC:910.0 mg/L	DF=40
12	Unknown	NPOC	10I066-01T	TCI004-12	0A-123456	C:\Pro	40.00	NPOC:915.3 mg/L	DF=40
13	Unknown	NPOC	10I066-02T	TCI004-13	0A-123456	C:\Pro	40.00	NPOC:26.05 mg/L	
14	Control	NPOC	CCV1	TCI004-14	0A-123456	C:\Pro	1.000	NPOC:0.2988 mg/L	
15	Unknown	NPOC	CCB1	TCI004-15	0A-123456	C:\Pro	1.000	NPOC:~~1.007 mg/L~~	0.6382 mg/L Am 9/
16	Unknown	NPOC	10I147-07R	TCI004-16	0A-123456	C:\Pro	1.000	NPOC:0.9501 mg/L	
17	Unknown	NPOC	10I147-07Z	TCI004-17	0A-123456	C:\Pro	1.000	NPOC:26.33 mg/L	
18	Unknown	NPOC	10I147-07G	TCI004-18	0A-123456	C:\Pro	1.000	NPOC:26.61 mg/L	
19	Unknown	NPOC	10I147-07H	TCI004-19	0A-123456	C:\Pro	1.000	NPOC:5.108 mg/L	DF=4
20	Unknown	NPOC	10I147-09T	TCI004-20	0A-123456	C:\Pro	4.000	NPOC:5.214 mg/L	DF=4
21	Unknown	NPOC	10I147-10T	TCI004-21	0A-123456	C:\Pro	4.000	NPOC:11.45 mg/L	PH<2
22	Unknown	NPOC	10I483-01	TCI004-22	0A-123456	C:\Pro	1.000	NPOC:3.394 mg/L	PH<2
23	Unknown	NPOC	10I481-01	TCI004-23	0A-123456	C:\Pro	1.000	NPOC:2.848 mg/L	PH<2
24	Unknown	NPOC	10I481-02	TCI004-24	0A-123456	C:\Pro	1.000	NPOC:3.075 mg/L	PH<2
25	Unknown	NPOC	10I481-03	TCI004-25	0A-123456	C:\Pro	1.000	NPOC:25.98 mg/L	
26	Control	NPOC	CCV2	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:0.2164 mg/L	
27	Unknown	NPOC	CCB2	TCI004-27	0A-123456	C:\Pro	1.000	NPOC:~~0.6068 mg/L~~	0.605 mg/L PH<2 Am 9/
28	Unknown	NPOC	10I188-03	TCI004-28	0A-123456	C:\Pro	1.000	NPOC:1.425 mg/L	PH<2
29	Unknown	NPOC	10I173-02	TCI004-29	0A-123456	C:\Pro	1.000	NPOC:11.59 mg/L	PH<2
30	Unknown	NPOC	10I193-01	TCI004-30	0A-123456	C:\Pro	1.000	NPOC:5.357 mg/L	PH<2
31	Unknown	NPOC	10I193-02	TCI004-31	0A-123456	C:\Pro	1.000	NPOC:60.48 mg/L	PH<2 DF=4
32	Unknown	NPOC	10I468-01	TCI004-32	0A-123456	C:\Pro	4.000	NPOC:25.86 mg/L	
33	Control	NPOC	CCV3	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:0.3386 mg/L	
34	Unknown	NPOC	CCB3	TCI004-27	0A-123456	C:\Pro	1.000		
35									
36									
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40									
41									
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60									
61									FINAL
62									
63									
64									
65								Am 9/21/10	
66									
67									

09/21/10 10:35:49 AM

8032

Instr.Information

System	IVC
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

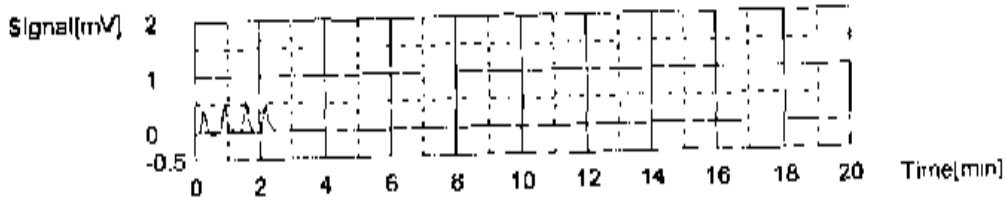
Sample Name:	ICAL
Sample ID:	TC1004-01
Cal. Curve:	TC1004.2010_09_17_13_41_00.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	0.3869	50uL	1	------		09/17/10 01:49:07 PM
2	0.4875	50uL	1	------		09/17/10 01:48:56 PM
3	0.5360	50uL	1	------		09/17/10 01:49:43 PM
4	0.4894	50uL	1	------		09/17/10 01:50:32 PM

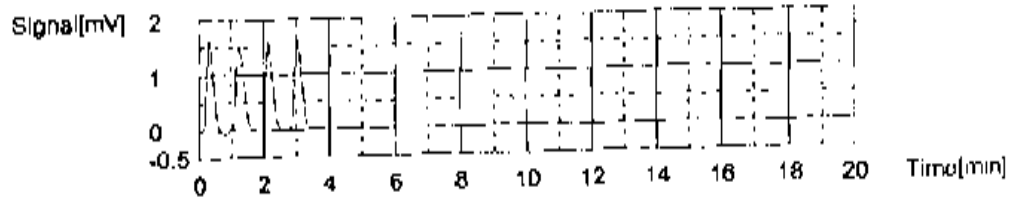
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.4749



Conc: 1.000mg/L

No	Area	Inj. Vol.	Aut. Dil	Rem.	Ex.	Date / Time
1	2.393	50uL	10	------		09/17/10 01:58:39 PM
2	2.589	50uL	10	------		09/17/10 01:59:45 PM
3	2.356	50uL	10	------		09/17/10 02:00:50 PM
4	2.346	50uL	10	------		09/17/10 02:01:54 PM

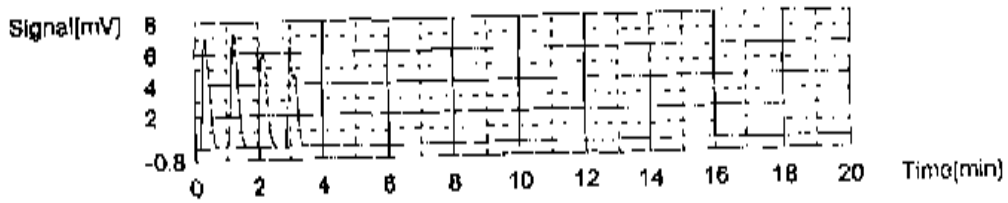
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.421



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.86	50uL	2	------		09/17/10 02:08:04 PM
2	11.07	50uL	2	------		09/17/10 02:09:09 PM
3	10.33	50uL	2	------		09/17/10 02:10:15 PM
4	10.30	50uL	2	------		09/17/10 02:11:22 PM

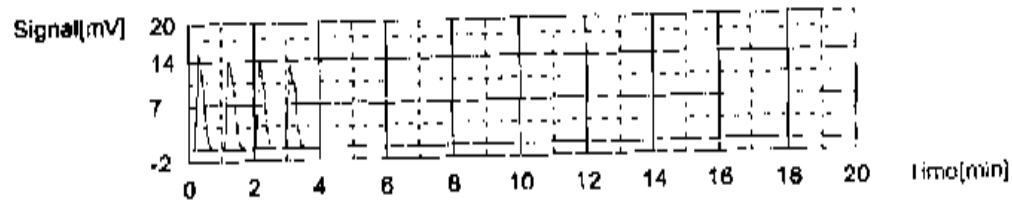
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.66



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.68	50uL	1			09/17/10 02:16:52 PM
2	21.66	50uL	1			09/17/10 02:18:00 PM
3	21.72	50uL	1			09/17/10 02:19:07 PM
4	21.25	50uL	1			09/17/10 02:20:16 PM

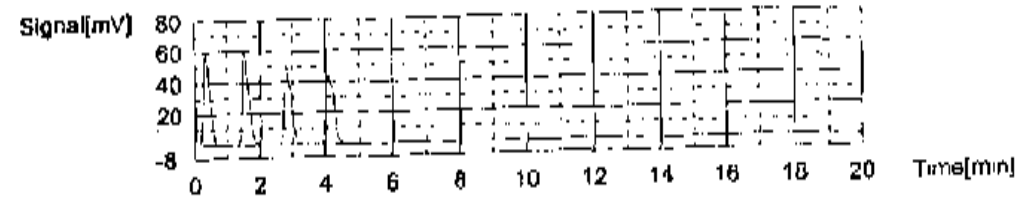
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.63



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.01	50uL	2			09/17/10 02:28:40 PM
2	85.32	50uL	2			09/17/10 02:30:09 PM
3	79.27	50uL	2			09/17/10 02:31:35 PM
4	78.81	50uL	2			09/17/10 02:33:04 PM

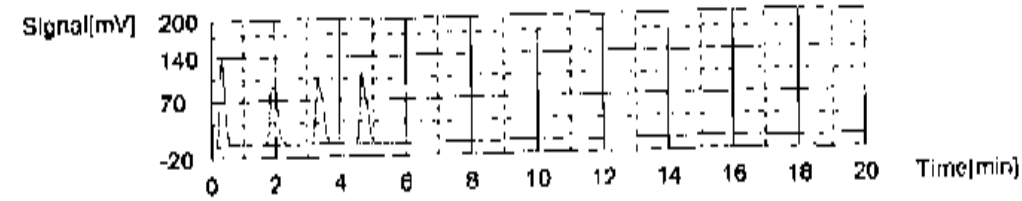
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 81.06



Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	166.7	50uL	1			09/17/10 02:39:13 PM
2	164.1	50uL	1			09/17/10 02:40:50 PM
3	168.3	50uL	1			09/17/10 02:42:27 PM
4	167.0	50uL	1			09/17/10 02:43:56 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 166.5



Slope. 2.067
Intercept 0.000
r^2 0.999772

Control Sample

Sample Name: ICV
Sample ID: TCI004-02
Method: TCI004.ipl
Chk. Result Control value: 25.13 / Control exceeds range!

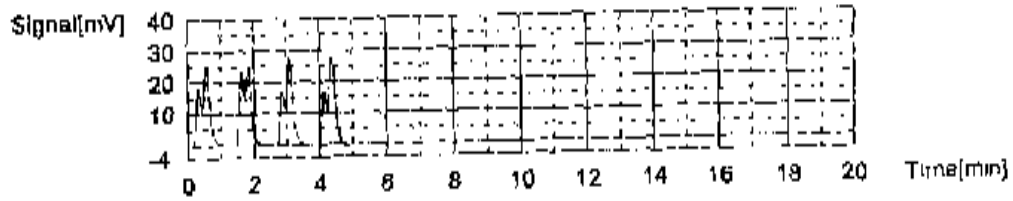
Type	Anal	Dil.	Result
Control	NPOC	1.000	NPOC:25.13 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	51.84	25.07mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:51:59 PM
2	53.34	25.80mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:53:26 PM
3	51.92	25.11mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:54:53 PM
4	50.71	24.53mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:56:22 PM

Mean Area 51.95
Mean Conc. 25.13mg/L



Sample

Sample Name: ICB
Sample ID: TCI004-03
Origin: TCI004.cal
Chk. Result

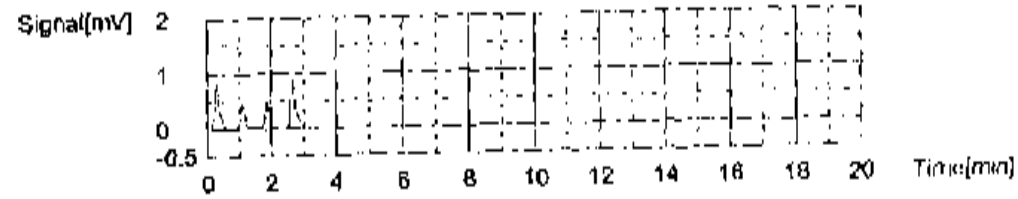
Type	Anal.	Dil	Result
Unknown	NPOC	1.000	NPOC:0.3574 mg/L

1. Det

Anal.: NPOC

No	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.9609	0.4648mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:03:41 PM
2	0.4760	0.2302mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:04:38 PM
3	0.4978	0.2408mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:06:36 PM
4	1.021	0.4938mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:06:30 PM

Mean Area 0.7389
Mean Conc. 0.3574mg/L



CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I148

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of four (4) water samples were received on 09/10/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT ECO, INC.
Project : MWS SEAL BEACH, IR SITE 70.
Batch No. : 101148

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HS101W8	ND	1	NA	1.00	0.400	09/13/1016:12	NA	HS100101	NA	HS1001W	NA	NA
MW-70-PMW11A-A10	1148-01	ND	1	NA	1.00	0.400	09/13/1018:13	NA	HS100110	NA	HS1001W	09/09/1009:15	09/10/10
MW-70-PMW11B-A10	1148-02	ND	1	NA	1.00	0.400	09/13/1018:20	NA	HS100111	NA	HS1001W	09/09/1009:51	09/10/10
MW-70-PMW13A-A10	1148-03	ND	1	NA	1.00	0.400	09/13/1018:35	NA	HS100112	NA	HS1001W	09/09/1010:49	09/10/10
MW-70-PMW13B-A10	1148-04	ND	1	NA	1.00	0.400	09/13/1018:36	NA	HS100113	NA	HS1001W	09/09/1011:33	09/10/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: HS1002

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☐ EMAX-4500-S2F	0

STANDARDS ID		CONC.
LCS	SWR1-01-268	5.95
Spike	NA	
$Na_2S_2O_3$ Standard	SWR1-01-263	0.025
Iodine	SWR1-01-234B	0.025
HCl	SWR1-05-174	1:1
Indicator	SWR1-01-247	—

Analyzed By: CA

Date: 9/13/10

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HS1001 Book #: ASD-016 Page: 23

Data File Name	Lab Sample ID	V_c (ml)	V_t (ml)	Volume of Titrant V_e (ml)	Analysis Date mm/dd/yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HSI0011	HSI001WB	100	5	4.94	09/13/10	16:12:45	0.24	ND		mg/L
HSI0012	HSI001WL	100	5	3.65	09/13/10	16:25:18	5.4	5.4		mg/L
HSI0013	HSI001WC	100	5	3.74	09/13/10	16:38:55	5.04	5.04		mg/L
HSI0014	I091-01	100	5	4.89	09/13/10	17:16:02	0.44	0.44	0.44J	mg/L
HSI0015	I091-02	100	10	4.16	09/13/10	17:26:11	23.36	23.4		mg/L
HSI0016	I101-01	100	5	4.91	09/13/10	17:32:42	0.36	ND		mg/L
HSI0017	I101-01D	100	5	4.92	09/13/10	17:45:58	0.32	ND		mg/L
HSI0018	I101-02	100	5	4.93	09/13/10	17:57:21	0.28	ND		mg/L
HSI0019	I101-03	100	5	4.91	09/13/10	18:03:22	0.36	ND		mg/L
HSI00110	I148-01	100	5	5	09/13/10	18:13:04	0	ND		mg/L
HSI00111	I148-02	200	5	4.85	09/13/10	18:20:49	0.6	0.6	0.6J	mg/L
HSI00112	I148-03	100	5	4.92	09/13/10	18:35:02	0.32	ND		mg/L
HSI00113	I148-04	100	5	4.95	09/13/10	18:36:23	0.2	ND		mg/L
HSI00114	I091-02	25	5	3.44	09/13/10	18:42:38	24.96	25		mg/L

9/13/10

STANDARDIZATION				
V_i (ml)	$V_{titrant}$ (ml)	DATE	TIME	Final $Na_2S_2O_3$ (N)
Average Normality of Iodine (NI)=				0.025

☑ Standard Purchased as Certified Solution

$$N_I = \frac{(N * V)_{Na_2S_2O_3}}{V_I}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER | SOIL]	5.95	464	mg/L | mg/Kg
MDL [WATER | SOIL]	0.4	10	mg/L | mg/Kg
RL	2	20	mg/L | mg/Kg

$$S(mg/L) = \frac{[(V_I * N_I) - (V_t * N_t)](16{,}000)}{V_S}$$

MS/MSD	TV=	5.95	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: CJS

8699

SM4500-S^{2-} B

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-H

Analytical Batch: HS1001

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H25	Unit	COMMENTS
HS10011	HS1001WB	ND	mg/L	9/13/10 16:12				ND	mg/L	
HS10012	HS1001WL	5.4	mg/L	9/13/10 16:25				#VALUE!	mg/L	
HS10013	HS1001WC	5.04	mg/L	9/13/10 16:38				#VALUE!	mg/L	
HS10014	1091-01	0.44	mg/L	9/13/10 17:16	25	7.08	1165	0.18	mg/L	
HS10015	1091-02	23.4	mg/L	9/13/10 17:26	24.9	7.2	3420	7.76	mg/L	
HS10016	1101-01	ND	mg/L	9/13/10 17:32	25	8.66	344	ND	mg/L	
HS10017	1101-01D	ND	mg/L	9/13/10 17:45	25	8.64	331	ND	mg/L	
HS10018	1101-02	ND	mg/L	9/13/10 17:57	25	8.66	342	ND	mg/L	
HS10019	1101-03	ND	mg/L	9/13/10 18:03	25	8.26	358	ND	mg/L	
HS10110	1148-01	ND	mg/L	9/13/10 18:13	24.9	7.14	45600	ND	mg/L	
HS10111	1148-02	0.6	mg/L	9/13/10 18:20	24.9	7.41	6020	0.14	mg/L	
HS10112	1148-03	ND	mg/L	9/13/10 18:33	25	7.53	7100	ND	mg/L	
HS10113	1148-04	ND	mg/L	9/13/10 18:36	24.9	7.48	12160	ND	mg/L	
HS10114	1091-02	25	mg/L	9/13/10 18:42	24.9	7.2	3420	8.29	mg/L	

CA
9/13/10

$$pK_1 = 32.5 + 1519.44/T - 15.672 \log_{10} T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5} Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m} \quad H_2S = \left(\frac{S_t}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: CA

Reviewed by: CA

Date: 9/13/10

Where: $T(^\circ K) = 1^\circ C + 272.15$; pK_1 = dissociation constant for zero ionic strength; A = Debye-Huckel Parameter; I = Ionic Strength; pfm = negative logarithm of the monovalent ion activity coefficient; K'_1 = conditional ionization constant; H^+ = Hydrogen ion concentration; S_t = Total Sulfide Concentration

TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I193**

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GC/MS-VOA	METHOD 5030B/8260B	2000 – 2048
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4028
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000
WET	METHOD 300.0	8000 – 8028
	METHOD 300.0 (M)	8029 – 8054
	METHOD 2320B	8055 – 8065
	METHOD 2540C	8066 – 8073
	METHOD SM5310B	8074 – 8081
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-04-2010
EMAX Batch No.: 1D1195

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: *Laboratory Report*
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/14/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-28-A10	1193-01	09/13/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-27-A10	1193-02	09/13/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-MNA09-A10	1193-03	09/13/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-02-A10	1193-04	09/14/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-17-A10	1193-05	09/14/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-22-A10	1193-06	09/14/10	WATER	VOLATILE ORGANICS BY GC/MS

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-10-A10	I193-07	09/14/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-11-A10	I193-08	09/14/10	WATER	VOLATILE ORGANICS BY GC/MS
TB 9/15/10	I193-09	09/13/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for Patel

Gaspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INJ 0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. * 0I193
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEC, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-679-6200 FAX: 714-678-6711 EMAIL: NWEINBERGER@GECC.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEC, INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Yc HIGHT

MATRIX CODE: DW-Drinking Water; GW-Ground Water; WW-Waste Water; SD-Solid Waste SL-Sludge; SS-Soil/Sediment; WP-Wipes PP-Pure Products; AR-Air; O-

PRESERVATIVE CODE: IC - Ice; HC - HCl; HN-HNO3; SH-NaOH; ST-Na2S2O3; ZA-Zinc Acetate; HS-H2SO4

ANALYSIS REQUIRED: VOC (8260B); DISS. GASES (RSK 175); ANIONS, TDS, ALK, UV-A, BOD, ESTHER, ZSTEL, SOP, OH; TOC (5310B); DISS H2S (4500F); DISS METALS (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOC (8260B)	DISS. GASES (RSK 175)	ANIONS, TDS, ALK, UV-A, BOD, ESTHER, ZSTEL, SOP, OH	TOC (5310B)	DISS H2S (4500F)	DISS METALS (6010B)			COMMENTS
1	MW-70-28-A10	IR 70	9/13/10	0937	8	[illegible]	[illegible]	GW		X	X	X	X					
2	MW-70-27-A10		9/13/10	1010	8	[illegible]	[illegible]			X	X	X	X					
3	MW-70-MWR09-A10		9/13/10	1135	6	40mL	VOA			X	X							
4	MW-70-02-A10		9/14/10	0915	3	40mL	VOA			X								
5	MW-70-17-A10		9/14/10	1025	3	40mL	VOA			X								
6	MW-70-22-A10		9/14/10	1100	3	40mL	VOA			X								
7	MW-70-10-A10		9/14/10	1158	3	40mL	VOA			X								
8	MW-70-11-A10		9/14/10	1236	3	40mL	VOA			X								
9	TB 9/15/10		9/15/10	0700	2	40mL	VOA			X								

Instructions

Cooler #	Temp. (°C)	Sample #s
1	4.0	

SAMPLER: B. GOBER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY	Date	Time
[signature]	9/14	1516	Keith Stout	9/14/10	1515
Keith Stout	9/14/10	1545			

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1530 hrs, TAT shall start at 0900 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $3.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	ECN 101198
☒ EMAX Courier	GSF COC	Reception J-LUNA
☐ Client Delivery		Date 9-14-10
☐ Third Party		Time 1545

COC Inspection

☒ Client Name	☒ Client PM/PC	☒ Sampler Name	☒ Sampling Date/Time/Location	☒ Sample ID	☒ Matrix
☒ Address	☒ Tel # / Fax #	☒ Courier Signature	☒ Analysis Required	☒ Preservative (if any)	☒ PAI

Safety Issues ☒ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☒ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☒ Styrofoam	☐ Popcorn	☒ Sufficient	☐
Temperatures (Cool, 36 °C but not frozen)	☒ Cooler 1 4.0 °C	☐ Cooler 2 °C	☐ Cooler 3 °C	☐ Cooler 4 °C	☐ Cooler 5 °C
	☐ Cooler 6 °C	☐ Cooler 7 °C	☐ Cooler 8 °C	☐ Cooler 9 °C	☐ Cooler 10 °C

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling [signature] Date 9/14/10 /LK

SRF [signature] Date 9/14/10

PM JP for Yo Date 9/15/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R4	Refer to attached instruction
A4		E1	Insufficient preservative	R5	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R6	
B2	Sample ID is not indicated in label	F1	Insufficient Sample		
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble >6 mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I193

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of nine (9) water samples were received on 09/14/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I12L/C were all within QC limits.
Percent recoveries for VO94I13L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in sample I193-02 because of improper integration. Hence, the original chromatogram was retained with the initialed and dated corrected chromatogram. Manual integration was concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, JR SITE 70.

SDG NO. : 101193
Instrument ID : T-094

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094I120	1	NA	09/14/1018:38	09/14/1018:38	RID253	RHD320	V094I12	Method Blank
LCS1W	V094I12L	1	NA	09/14/1016:12	09/14/1016:12	RID249	RHD320	V094I12	Lab Control Sample (LCS)
LCD1W	V094I12C	1	NA	09/14/1016:48	09/14/1016:48	RID250	RHD320	V094I12	LCS Duplicate
TB 9/15/10	1193-09	1	NA	09/14/1019:14	09/14/1019:14	RID254	RHD320	V094I12	Field Sample
MW-70-28-A10	1193-01	1	NA	09/15/1000:10	09/15/1000:10	RID262	RHD320	V094I12	Field Sample
MW-70-27-A10	1193-02	1	NA	09/15/1000:47	09/15/1000:47	RID263	RHD320	V094I12	Field Sample
MBLK2W	V094I130	1	NA	09/15/1013:23	09/15/1013:23	RID279	RHD320	V094I13	Method Blank
LCS2W	V094I13L	1	NA	09/15/1010:54	09/15/1010:54	RID275	RHD320	V094I13	Lab Control Sample (LCS)
LCD2W	V094I13C	1	NA	09/15/1011:32	09/15/1011:32	RID276	RHD320	V094I13	LCS Duplicate
MW-70-27-A10DL	1193-02T	100	NA	09/15/1014:00	09/15/1014:00	RID280	RHD320	V094I13	Diluted Sample
MW-70-28-A10DL	1193-01T	50	NA	09/15/1014:36	09/15/1014:36	RID281	RHD320	V094I13	Diluted Sample
MW-70-MNA09-A10	1193-03R	1	NA	09/15/1015:13	09/15/1015:13	RID282	RHD320	V094I13	Field Sample
MW-70-02-A10	1193-04	1	NA	09/15/1018:54	09/15/1018:54	RID288	RHD320	V094I13	Field Sample
MW-70-17-A10	1193-05	1	NA	09/15/1019:30	09/15/1019:30	RID289	RHD320	V094I13	Field Sample
MW-70-22-A10	1193-06	1	NA	09/15/1020:08	09/15/1020:08	RID290	RHD320	V094I13	Field Sample
MW-70-10-A10	1193-07	1	NA	09/15/1020:44	09/15/1020:44	RID291	RHD320	V094I13	Field Sample
MW-70-11-A10	1193-08	1	NA	09/15/1021:20	09/15/1021:20	RID292	RHD320	V094I13	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 00:10
Sample ID:	MW-70-28-A10	Date Analyzed:	09/15/10 00:10
Lab Samp ID:	1193-01	Dilution Factor:	1
Lab File ID:	RID767	Matrix	: WATER
Ext Batch ID:	VD941I2	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.24J	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	7.1	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.30J	0.50	0.20
1,2-DICHLOROPROPANE	0.37J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3 TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4 METHYL 2 PENTANONE	ND	10	5.0
N BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	7.3J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	5.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	20	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	11	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	1.3	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.30J	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	21	1.0	0.20
TRICHLOROETHENE	12	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	230E	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 14:36
Sample ID:	MW-70-2B-A100L	Date Analyzed:	09/15/10 14:36
Lab Samp ID:	1193-01T	Dilution Factor:	50
Lab File ID:	R10281	Matrix	: WATER
Ext.Btch ID:	V094113	% Moisture	: NA
Calib. Ref.:	RND320	Instrument ID	: T-096

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	20J	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	16J	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	21J	50	10
TRICHLOROETHENE	14J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	230	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 00:47
Sample ID:	MW-70-27-A1D	Date Analyzed:	09/15/10 00:47
Lab Samp ID:	1193-02	Dilution Factor:	1
Lab File ID:	R10263	Matrix	: WATER
Ext.Btch ID:	V094112	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	3.7	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.42J	1.0	0.20
FREON113	140E	1.0	0.20
1,1-DICHLOROETHANE	8.0	1.0	0.20
1,1-DICHLOROETHENE	18	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.63	0.50	0.20
1,2-DICHLOROPROPANE	0.42J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	6.6J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	14	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	17	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1100E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	1.7	1.0	0.20
TOLUENE	0.21J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	49	1.0	0.20
TRICHLOROETHENE	650E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1100E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 14:00
Sample ID:	MW-70-27-A100L	Date Analyzed:	09/15/10 14:00
Lab Samp ID:	1193-02T	Dilution Factor:	100
Lab File ID:	R1D280	Matrix	: WATER
Ext Btch ID:	V094113	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	140	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	50
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	6100	100	20
DICHLORODIFLUOROMETHANE	ND	200	50
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	50
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	49J	100	20
TRICHLOROETHENE	1300	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	3700	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 15:13
Sample ID:	MW 70-MNA09-A10	Date Analyzed:	09/15/10 15:13
Lab Samp ID:	1193-03R	Dilution Factor:	1
Lab File ID:	RID282	Matrix	: WATER
Ext Batch ID:	VD94113	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	5.7	1.0	0.50
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	0.50J	1.0	0.20
TRICHLOROETHENE	3.3J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	90	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/14/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 18:54
Sample ID:	MW-70-02-A10	Date Analyzed:	09/15/10 18:54
Lab Samp ID:	1193-04	Dilution Factor:	1
Lab File ID:	R1D288	Matrix	: WATER
Ext Batch ID:	V094I13	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.30
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.30
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4 TRIMETHYLBENZENE	ND	1.0	0.50
1,3 DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.50
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	2.8	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	94	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EHC, INC.	Date Collected:	09/14/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101195	Date Extracted:	09/15/10 19:30
Sample ID:	MW 70 17-A10	Date Analyzed:	09/15/10 19:30
Lab Samp ID:	1193-05	Dilution Factor:	1
Lab File ID:	RID289	Matrix	: WATER
Ext Bich ID:	VD94113	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2 TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	93	70-140

NETHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/14/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 20:00
Sample ID:	MW-70 22 A10	Date Analyzed:	09/15/10 20:00
Lab Samp ID:	1193 06	Dilution Factor:	1
Lab File ID:	RID290	Matrix	: WATER
Ext Btch ID:	V094113	% Moisture	: NA
Calib. Ref.:	RMD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLORDETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLORDETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLORDETHANE	ND	1.0	0.20
1,1-DICHLORDETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLORDETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2 DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/14/10
Project	: NYS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/15/10 20:44
Sample ID:	MW-70-10-A10	Date Analyzed:	09/15/10 20:44
Lab Samp ID:	1193-07	Dilution Factor:	1
Lab File ID:	R10291	Matrix	: WATER
Ext.Btch ID:	V094113	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.50
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/14/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 1D1193	Date Extracted:	09/15/10 21:20
Sample ID:	MW-70-11-A10	Date Analyzed:	09/15/10 21:20
Lab Samp ID:	1193-08	Dilution Factor:	1
Lab File ID:	R1D292	Matrix	: WATER
Ext Batch ID:	V094I13	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.4	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/14/10 19:14
Sample ID:	TB 9/13/10	Date Analyzed:	09/14/10 19:14
Lab Samp ID:	1193-09	Dilution Factor:	1
Lab File ID:	R1D254	Matrix	: WATER
Ext.Btch ID:	V094112	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.58J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	98	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70-	Date Received:	09/14/10
Batch No.	: 101195	Date Extracted:	09/14/10 18:38
Sample ID:	MBLK1W	Date Analyzed:	09/14/10 18:38
Lab Samp ID:	V0941120	Dilution Factor:	1
Lab File ID:	R10253	Matrix	: WATER
Ext Btch ID:	V0941112	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: 1-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10T194
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V094I12G	V094I12L	V094I12C		
LAB FILE ID:	RID253	RID249	RID250		
DATE EXTRACTED:	09/14/1018:38	09/14/1016:12	09/14/1016:48	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1018:38	09/14/1016:12	09/14/1016:48	DATE RECEIVED:	09/14/10
PREP. BATCH:	V094I12	V094I12	V094I12		
CALIB. REF:	RHD520	RHD520	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.1	101	10.0	10.8	108	7	60-130	30
Benzene	ND	10.0	10.5	105	10.0	11.0	110	6	70-130	30
Chlorobenzene	ND	10.0	10.2	102	10.0	10.5	105	2	70-130	30
Toluene	ND	10.0	10.1	101	10.0	10.7	107	6	70-130	30
Trichloroethene	ND	10.0	10.8	108	10.0	11.4	114	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.75	88	10.0	8.78	88	70-140
4-Bromofluorobenzene	10.0	9.07	91	10.0	9.02	90	70-130
Toluene-d8	10.0	9.75	97	10.0	10.1	101	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/15/10
Batch No.	: 10I193	Date Extracted:	09/15/10 13:23
Sample ID:	MBLK2W	Date Analyzed:	09/15/10 13:23
Lab Samp ID:	V094I13a	Dilution Factor:	1
Lab File ID:	RID279	Matrix	: WATER
Ext Bch ID:	V094I13	% Moisture	: NA
Calib. Ref.:	RND320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.50
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.60
HEXACHLOROBUTADIENE	ND	1.0	0.50
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.50
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	92	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	96	70-130

CMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V094113D	V094113L	V094113C		
LAB FILE ID:	R10279	R10275	R10276		
DATE EXTRACTED:	09/15/1013:23	09/15/1010:54	09/15/1011:32	DATE COLLECTED:	NA
DATE ANALYZED:	09/15/1013:23	09/15/1010:54	09/15/1011:32	DATE RECEIVED:	09/15/10
PREP. BATCH:	V094113	V094113	V094113		
CALIB. REF:	RHD320	RHD320	RHD320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.0	100	10.0	10.9	109	8	60-130	30
Benzene	ND	10.0	10.8	108	10.0	11.1	111	3	70-130	30
Chlorobenzene	ND	10.0	10.2	102	10.0	10.5	105	3	70-120	30
Toluene	ND	10.0	10.4	104	10.0	10.7	107	3	70-130	30
Trichloroethene	ND	10.0	11.2	112	10.0	11.7	117	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.91	89	10.0	8.70	87	70-140
4-Bromofluorobenzene	10.0	8.57	86	10.0	8.75	87	70-130
Toluene-d8	10.0	10.1	101	10.0	10.1	101	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXI Case No.:
Lab File ID: RXD314
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101195
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.45
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.34
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.5)1
176	95.0 - 101.0% of mass 174	76.27(97.2)1
177	5.0 - 9.0% of mass 176	4.78(6.3)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V094H1101	RHD315	08/11/10	21:30
2	VSTD0.5	V094H1102	RHD316	08/11/10	22:06
3	VSTD01	V094H1103	RHD317	08/11/10	22:45
4	VSTD02	V094H1104	RHD318	08/11/10	23:19
5	VSTD05	V094H1105	RHD319	08/11/10	23:54
6	VSTD010	V094H1106	RHD320	08/12/10	00:29
7	VSTD020	V094H1107	RHD321	08/12/10	01:03
8	VSTD030	V094H1108	RHD322	08/12/10	01:38
9	VSTD040	V094H1109	RHD323	08/12/10	02:13
10	VSTD050	V094H1110	RHD324	08/12/10	02:50
11	VSTD100	V094H1111	RHD325	08/12/10	03:26
12	VSTD010	IV094H1102	RHD330	08/12/10	06:32

FORM V VOA DLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094H11

% TOX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	Av_RRF	%_RSD	Av_Rt_M
	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2 Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
	3 Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4 Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
	5 Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
	6 Bromomethane	------	0.218	0.245	0.276	0.290	0.315	0.315	0.303	0.317	0.320	0.332	0.293	12.53	6.8163
	7 Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
	8 Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.733	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
	9 Trichlorofluoromethane	------	0.187	0.241	0.285	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5	10 sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11 Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
	12 1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5	13 Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
	14 1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5	15 tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10	16 Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
	17 Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18 Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
	19 Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
	20 Carbon disulfide	------	0.851	1.387	1.136	1.180	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.01	9.8857
5	21 Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9601
	22 tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.298	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
	23 trans-1,2-Dichloroethene	0.463	0.504	0.479	0.512	0.511	0.513	0.540	0.512	0.515	0.519	0.513	0.507	4.05	10.2964
	24 Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
	25 Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
	26 1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.635	0.611	0.618	0.612	0.603	3.81	11.0355
5	27 2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.34	11.3373
	28 tert-Butyl ethyl ether (ETBE)	0.328	0.400	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5	29 2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
	30 2,2-Dichloropropane	0.252	0.259	0.241	0.250	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
	31 cis-1,2-Dichloroethene	0.281	0.309	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
	32 Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.00	12.3103
	33 Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
	34 Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
	35 Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
	36 1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
	37 Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38 tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
	39 1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.186	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
	40 CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41 1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.184	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
	42 Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
	43 1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
	44 Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
	45 Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.31	14.5942
	46 Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47 1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20	48 1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

Sm
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49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
5 52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
57	trans-1,3-Dichloropropene	0.262	0.288	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7504
5 58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
60	1,3-Dichloropropane	0.283	0.318	0.303	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.246	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.171	0.172	0.175	0.172	0.163	6.95	18.2020
64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2 68	m-Xylene & p-Xylene	1.180	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.036	1.140	4.92	19.4144
70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8105
73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.104	0.104	0.115	0.115	0.108	11.20	20.2196
78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.801	5.481	5.243	------	5.796	5.58	20.2708
79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
82	4-Chlorotoluene	2.659	2.201	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.404	8.61	20.5789
83	tert-Butylbenzene	0.890	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.008	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * M

Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = x0 + x1 * Amt_Ratio

[D]	Parameter	x0	x1	CCF
N	Trichlorofluoromethane	-0.01435	0.38831	0.9994
94	Naphthalene	-0.02203	0.78641	0.9950
95	1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

SW
2/16/10

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RH032C

Column Spec :RTX502.2 ID :0.32mm
Ending DateTime :08/12/10 03:26
HPChem Method :V094R'1

	M	IDX	Parameters	.3 21:30 RH0315	.5 22:06 RH0316	1 22:43 RH0317	2 23:19 RH0318	5 23:54 RH0319	10 00:29 RH0320	20 01:03 RH0321	30 01:38 RH0322	40 02:13 RH0323	50 02:50 RH0324	100 03:26 RH0325	AvORec	%_RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
		2	Dichlorodifluoromethane	------	72	85	93	94	110	109	105	108	109	114	10.9	13.33	4.7369
		3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		4	Chloromethane	70	87	92	100	104	110	110	104	107	107	108	9.1	12.25	5.3698
		5	Vinyl chloride	------	75	87	99	101	111	110	104	105	104	104	7.8	10.92	5.6903
		6	Bromomethane	------	74	84	94	99	108	108	103	108	109	113	9.8	12.53	6.8163
		7	Chloroethane	------	73	85	94	99	108	108	104	108	109	115	10.2	13.05	7.0064
		8	Dichlorofluoromethane	81	93	91	97	99	103	108	105	107	108	108	7	8.71	7.0794
		9	Trichlorofluoromethane	------	122	99	92	88	99	100	97	10'	102	------	5.6	9.5	7.5835
5		10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5		11	Acrolein	78	89	89	89	100	100	111	100	100	100	100	6.1	8.36	8.4486
		12	1,1,2-Trichloro-1,2,2-trifluoroethane	96	95	93	94	91	99	105	103	106	108	111	6	7.03	8.4898
5		13	Acetone	------	------	121	117	103	93	97	93	93	97	100	7.7	9.44	8.5592
		14	1,1-Dichloroethene	91	100	94	98	97	101	105	101	103	105	105	3.6	4.57	8.8634
5		15	tert-Butyl alcohol	------	------	92	100	100	100	108	92	92	100	92	4.3	3.87	8.9524
10		16	Acetonitrile	120	113	107	100	87	93	93	93	93	93	93	8.5	9.55	9.0973
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Iodomethane	84	96	92	96	98	100	107	104	106	108	111	6.4	7.94	9.5054
		19	Methylene chloride	113	109	98	98	99	97	101	96	96	97	96	4.1	5.67	9.7753
		20	Carbon disulfide	------	71	91	95	99	104	136	106	109	110	110	8.9	12.0'	9.8857
5		21	Acrylonitrile	85	95	95	97	97	100	105	100	103	105	108	4.7	6.79	9.9603
		22	tert-Butyl methyl ether (MTBE)	81	94	90	90	97	99	107	106	108	111	116	8.7	10.46	9.9960
		23	trans-1,2-Dichloroethene	91	99	94	101	101	101	107	101	102	102	101	2.8	4.05	10.2964
		24	Isopropyl ether (DIPE)	90	100	96	97	101	101	106	102	102	104	102	3.2	4.38	10.7537
		25	Vinyl acetate	------	86	81	88	100	106	108	103	106	109	113	9	10.98	10.9634
		26	1,1-Dichloroethane	92	102	96	98	101	100	106	100	101	102	101	2.7	3.81	11.0355
5		27	2-Butanol	87	87	100	100	100	87	100	100	100	112	112	5.7	8.04	11.3373
		28	tert-Butyl ethyl ether (ETBE)	74	90	88	93	98	101	109	108	109	113	118	10.5	13.09	11.4516
5		29	2-Butanone	102	112	104	96	94	94	100	94	96	100	102	4.1	5.22	11.6829
		30	2,2-Dichloropropane	105	108	101	105	103	101	103	98	95	93	87	4.8	6.14	11.9767
		31	cis-1,2-Dichloroethene	89	98	94	97	99	99	105	102	103	106	108	4.4	5.54	12.0538
		32	Chloroform	88	100	96	97	10'.	100	106	102	103	104	104	3.5	5.00	12.3103
		33	Bromochloromethane	91	102	99	97	103	100	105	100	101	102	101	2.5	3.72	12.5988
		34	Tetrahydrofuran	------	------	------	115	100	100	100	96	96	100	100	2.9	5.96	12.6299
		35	Dibromofluoromethane	105	111	89	96	86	101	103	99	101	104	106	5.5	7.32	12.6653
		36	1,1,1-Trichloroethane	92	102	94	98	99	102	105	103	102	102	102	3.1	3.98	12.9724
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	------	83	84	86	95	98	109	112	114	119	------	11.9	13.59	13.3124
		39	1,2-Dichloroethane-d4	110	111	91	98	87	101	102	98	99	102	103	5	7.03	13.4549
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
		41	1,1-Dichloropropene	97	102	90	94	92	97	104	105	106	106	111	5.6	6.58	13.2090
		42	Carbon tetrachloride	94	99	94	94	94	98	104	105	105	105	109	5	5.67	13.4084
		43	1,2-Dichloroethane	97	104	97	96	100	100	103	101	102	100	102	2	2.63	13.6012
		44	Benzene	97	108	97	96	97	97	103	103	104	103	94	4	4.51	13.6663
		45	Trichloroethene	98	100	95	96	96	97	103	102	102	102	108	3.3	4.01	14.5942
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	98	106	97	97	99	98	102	100	100	100	103	2	2.73	14.8587
20		48	1,4-Dioxane	------	100	100	100	100	100	103	100	100	100	100	0	12.15	15.2069

SL
8/16/10

49	Bromodichloromethane	90	102	95	96	99	99	104	102	103	103	106	3.6	4.56	15.2376
50	Dibromomethane	83	98	97	96	98	98	105	102	105	106	109	4.6	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	79	85	94	100	106	109	123	11.3	14.84	15.5602
5 52	4-Methyl-2-pentanone	91	98	96	98	99	100	103	101	102	104	106	3.1	4.13	15.6045
53	cis-1,3-Dichloropropene	94	101	97	95	99	97	103	102	103	103	106	3.3	3.83	16.0139
54	Toluene-d8	119	117	92	96	83	97	100	99	100	101	96	6.8	10.22	16.4260
55	Toluene	99	106	97	96	97	98	104	103	103	104	93	3.6	4.14	16.5550
56	Ethyl methacrylate	83	86	92	91	95	99	108	109	112	114	116	10.6	12.34	16.6201
57	trans-1,3-Dichloropropene	85	93	93	96	99	100	106	106	106	107	109	6.2	7.65	16.7504
5 58	2-Hexanone	90	96	93	94	99	101	105	104	104	105	105	4.7	5.50	16.9232
59	1,1,2-Trichloroethane	89	103	93	95	97	97	105	103	104	105	107	5	5.70	17.0349
60	1,3-Dichloropropane	89	100	95	96	98	98	104	103	104	105	106	4.2	5.20	17.4124
61	Tetrachloroethene	103	103	93	95	94	95	102	102	102	102	107	4	4.64	17.5812
62	Dibromochloromethane	88	98	92	96	98	99	106	104	106	107	106	5.4	6.53	17.9029
63	1,2-Dibromoethane	85	100	93	94	99	101	107	105	106	107	106	5.4	6.95	18.2020
64	1-Chlorohexane	95	96	92	92	94	98	106	106	107	107	107	6.2	6.72	18.2539
65	Chlorobenzene	94	103	95	96	100	99	105	104	104	104	97	3.7	4.19	18.7364
66	Ethylbenzene	103	109	99	100	101	99	108	104	102	99	77	4.8	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	88	98	93	94	96	98	107	105	106	107	109	6.1	6.92	18.7643
2 68	m-Xylene & p-Xylene	101	105	99	99	103	102	108	102	96	89	------	3.5	5.16	18.8480
69	o-Xylene	95	103	97	100	102	102	106	103	103	101	88	3.6	4.92	19.4144
70	Styrene	81	91	88	92	98	101	111	110	112	112	103	9	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	107	110	101	101	101	101	106	102	98	97	78	5.1	8.41	19.8105
73	Bromoform	89	96	97	94	98	99	108	103	102	106	109	4.9	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	95	99	98	100	100	99	105	99	99	101	102	1.6	2.52	20.0099
75	4-Bromofluorobenzene	------	127	96	97	84	97	100	98	97	100	104	6.2	10.74	20.1377
76	1,2,3-Trichloropropane	79	99	102	99	97	98	106	103	103	105	109	5	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	78	93	107	106	91	118	96	96	106	106	9.1	11.23	20.2196
78	n-Propylbenzene	108	106	98	98	98	100	106	100	95	90	------	4.2	5.58	20.2708
79	Bromobenzene	97	102	96	95	96	96	104	100	101	104	108	3.6	4.33	20.4234
80	1,3,5-Trimethylbenzene	104	106	98	97	98	99	106	103	101	102	88	3.8	5.20	20.4420
81	2-Chlorotoluene	103	119	106	95	96	98	103	104	102	92	81	6.8	9.52	20.5417
82	4-Chlorotoluene	111	92	86	97	99	97	108	96	95	115	104	6.9	8.61	20.5789
83	tert-Butylbenzene	95	100	91	93	93	96	105	103	103	107	113	5.8	6.99	20.8713
84	1,2,4-Trimethylbenzene	104	103	96	95	98	99	107	103	102	104	90	4	4.96	20.9152
85	sec-Butylbenzene	106	105	97	98	99	103	110	105	102	99	77	5.4	8.46	21.1120
86	p-Isopropyltoluene	102	99	92	95	98	102	111	107	105	104	85	5.5	7.29	21.2489
87	1,3-Dichlorobenzene	102	103	93	95	98	98	105	101	101	103	102	3	3.68	21.4536
88	1,4-Dichlorobenzene	102	100	93	93	97	98	105	102	102	104	104	3.4	4.15	21.5706
89	n-Butylbenzene	103	98	91	93	97	101	110	105	104	106	92	5.2	6.27	21.7181
90	1,2-Dichlorobenzene	99	102	96	94	98	98	104	100	100	104	104	2.7	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	80	94	95	94	105	103	105	109	112	7.7	9.97	22.9790
92	1,2,4-Trichlorobenzene	88	87	82	86	97	100	112	110	108	113	118	11	12.79	24.1801
93	Hexachlorobutadiene	105	100	87	93	96	98	107	104	100	105	104	4.6	5.96	24.3263
94	Naphthalene	------	128	96	88	89	93	107	------	------	------	------	11.5	15.2	24.6487
95	1,2,3-Trichlorobenzene	------	129	95	88	90	92	104	101	101	------	------	8.8	13.2	25.0149

See 8/16/96

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :I094
IC Beginning DateTime :08/11/10 21:30
Spike Amount :10 PPB
CC/CV File :RHD330
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :08/12/10 03:26
HPChem Method :V094N11
Date_Time :08/12/10 06:52

M	IDX	Parameters	CC Con	CC% Dif	CC Resp	CCRRF	AVRRF	CC RTM	AVRTM	% RSD	CO X0	CO X1	CO X2	CO COF
	1	1,4-DIFLUOROBENZENE	10.000	0	1557995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	9.852	-1.5	833936	0.535	0.543	5.695	5.690	10.92				
	6	Bromomethane	9.924	-0.8	453177	0.291	0.293	6.806	6.816	12.53				
	7	Chloroethane	9.928	-0.7	478656	0.307	0.309	6.998	7.006	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184831	0.760	0.742	7.069	7.079	8.71				
	9	Trichlorofluoromethane	8.930	-10.7	517905	0.332	0.326	7.581	7.583	22.88	-0.0145	0.3883		0.9994
5	10	sec-Propyl alcohol												
5	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	8.36				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
5	13	Acetone	46.993	-6.0	315476	0.028	0.029	8.546	8.559	9.44				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
5	15	tert-Butyl alcohol	52.547	5.1	104025	0.013	0.013	8.941	8.952	3.87				
10	16	Acetonitrile	90.753	-9.2	209717	0.013	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018860	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	651034	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1966407	1.256	1.196	9.877	9.886	12.01				
6	21	Acrylonitrile	51.248	-14.6	308497	0.033	0.039	9.950	9.960	6.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	473230	0.304	0.301	9.979	9.996	10.46				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.296	4.05				
	24	Isopropyl ether (DIPE)	10.292	2.9	1563757	1.004	0.975	10.739	10.754	4.58				
	25	Vinyl acetate	9.046	-9.5	394491	0.253	0.280	10.959	10.963	10.88				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.035	3.81				
5	27	2-Butanol	46.195	-7.6	5710	0.007	0.008	11.324	11.337	8.04				
	28	tert-Butyl ethyl ether (ETBE)	10.126	1.3	701031	0.450	0.444	11.441	11.452	13.09				
5	29	2-Butanone	47.924	-4.2	377635	0.048	0.051	11.675	11.683	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.239	11.968	11.977	6.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.54				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.194	1.9	348105	0.223	0.219	12.597	12.599	3.72				
	34	Tetrahydrofuran	9.721	-2.8	39774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	460178	0.301	0.289	12.655	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.322	3.2	294359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1501356	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	230833	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.034	0.3	538053	0.413	0.412	13.401	13.408	3.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.262	13.591	13.601	2.63				
	44	Benzene	10.108	1.1	2003726	1.540	1.533	13.664	13.666	4.51				
	45	Trichloroethene	10.276	2.8	577332	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	14.849	14.859	2.73				
20	48	1,4-Dioxane	202.475	1.2	54714	0.001	0.001	15.199	15.207	12.15				
	49	Bromodichloromethane	10.250	2.5	503955	0.387	0.378	15.229	15.238	4.56				
	50	Dibromomethane	10.233	2.3	165662	0.127	0.124	15.346	15.355	5.86				
	51	2-Chloroethyl vinyl ether	8.144	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
5	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.135	15.594	15.604	4.13				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	3.83				
	54	Toluene-d8	10.462	4.6	1667179	1.281	1.225	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1872053	1.439	1.384	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407639	0.313	0.309	16.749	16.760	7.65				
5	58	2-Hexanone	51.141	2.3	556210	0.082	0.081	16.925	16.933	2.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.027	17.035	5.70				
	60	1,3-Dichloropropane	10.085	0.9	415537	0.319	0.317	17.407	17.412	5.20				
	61	Tetrachloroethene	9.975	-0.2	426439	0.328	0.329	17.583	17.581	4.84				
	62	Dibromochloromethane	10.177	1.8	329403	0.253	0.249	17.905	17.904	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.163	18.197	18.202	6.95				
	64	1-Chlorohexane	10.218	2.2	847230	0.651	0.637	18.356	18.364	6.72				
	65	Chlorobenzene	10.278	2.8	1185292	0.911	0.886	18.738	18.746	4.16				
	66	Ethylbenzene	10.452	4.5	2168234	1.669	1.594	18.753	18.751	8.46				
	67	1,1,1,2-Tetrachloroethane	10.315	3.2	421495	0.324	0.317	18.767	18.764	6.92				
2	68	m-Xylene & p-Xylene	21.420	6.6	3236796	1.244	1.167	18.840	18.848	5.16				
	69	o-Xylene	10.501	5.0	1557550	1.197	1.140	19.411	19.414	4.95				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.999	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059045	4.804	4.602	19.806	19.810	8.41				
	73	Bromoform	10.112	1.1	140492	0.328	0.324	19.937	19.937	6.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.22				
	75	4-Bromofluorobenzene	10.140	1.4	471452	1.100	1.085	20.142	20.138	10.74				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.185	7.95				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41787	0.097	0.108	20.215	20.240	11.20				
	78	n-Propylbenzene	10.323	3.2	2564554	5.983	5.796	20.274	20.271	5.38				
	79	Bromobenzene	9.996	-0.0	434320	1.014	1.014	20.420	20.423	2.33				
	80	1,3,5-Trimethylbenzene	10.326	3.3	1542880	3.538	3.426	20.434	20.442	5.20				
	81	2-Chlorotoluene	11.482	14.8	1745051	4.071	3.546	20.537	20.546	8.52				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.579	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399822	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404315	3.277	3.183	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.569	6.0	2216993	5.173	4.880	21.107	21.113	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1794295	4.186	3.956	21.239	21.249	7.29				
	87	1,3-Dichlorobenzene	10.123	1.2	878661	2.050	2.025	21.458	21.454	3.68				
	88	1,4-Dichlorobenzene	10.042	0.4	815623	1.886	1.888	21.575	21.571	4.15				
	89	n-Butylbenzene	9.999	-0.0	1715742	4.003	4.003	21.721	21.718	6.27				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.492	22.028	22.038	3.32				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	9.97				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	211729	0.494	0.485	24.324	24.326	5.96				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.765	24.646	24.649	17.26	-0.0220	0.7864		0.9950
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.381	25.011	25.015	15.98	-0.0123	0.4415		0.9988

Spike Amount = Nominal Amount * M

SW 8/11/10

DAILY CALIBRATIONS

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CMAX Inc
Lab Code: CMXT Case No.:
Lab File ID: RID246
Instrument ID: T094
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101193
BFB Injection Date : 09/14/10
BFB Injection Time : 14:21
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.77
75	30.0 - 60.0% of mass 95	42.80
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	5.85
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	84.64
175	5.0 - 9.0% of mass 174	6.55(7.7)1
176	95.0 - 101.0% of mass 174	80.95(95.6)1
177	5.0 - 9.0% of mass 176	5.18(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	LPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094W1157	RID240	09/14/10	15:35
2	MBLK1W	V094112Q	RID253	09/14/10	18:38
3	LCS1W	V094112L	RID249	09/14/10	16:17
4	LCD1W	V094112C	RID250	09/14/10	16:48
5	TB 9/15/10	I193-09	RID254	09/14/10	19:14
6	MW-70-28-A10	I193-01	RID262	09/15/10	00:10
7	MW-70-27-A10	I193-02	RID263	09/15/10	00:47

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RxD320
Instrument ID: 1094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101193
Date Analyzed: 09/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

	IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
SAMPLE ID						
1 VSTD010	1385281	14.00	1021314	18.69	421195	22.00
2 MBLK1W	1334959	14.01	1066370	18.69	355068	22.01
3 LCS1W	1350693	14.00	1068043	18.68	404043	22.00
4 LCD1W	1299017	14.00	974613	18.68	396579	22.00
5 TB 9/15/10	1385835	14.01	1073330	18.69	357048	22.01
6 XW-70-20-A10	1378422	14.00	1145684	18.69	392870	22.00
7 XW-70-27-A10	1324109	14.00	1031587	18.69	365717	22.00

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	90	-0.01
2	T	Dichlorodifluoromethane	10.000	11.914	-19.1	97	-0.01
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	9.458	5.4	78	0.00
5	C,T	Vinyl chloride	10.000	9.468	5.3	77	-0.01
6	T	Bromomethane	10.000	10.988	-9.9	92	-0.01
7	T	Chloroethane	10.000	11.009	-10.1	92	-0.01
8	T	Dichlorofluoromethane	10.000	10.402	-4.0	91	-0.01
9	T	Trichlorofluoromethane	10.000	10.700	-7.0	97	-0.03
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	35.922	28.2#	62	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.619	-16.2	106	-0.03
13	T	Acetone	50.000	44.338	11.3	85	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.304	-3.0	92	-0.01
15	T	tert-Butyl alcohol	50.000	35.057	29.9#	63	-0.01
16	T	Acetonitrile	100.000	75.456	24.5#	74	-0.01
17	T	Methyl acetate	-1.000	0.000	0.0	0	-0.01
18	T	Iodomethane	10.000	9.611	3.9	87	-0.01
19	T	Methylene chloride	10.000	9.291	7.1	86	0.00
20	T	Carbon disulfide	10.000	8.385	16.2	73	-0.01
21	T	Acrylonitrile	50.000	44.192	11.6	78	-0.01
22	T	tert-Butyl methyl ether (MT	10.000	8.084	19.2	73	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.570	4.3	85	-0.01
24	T	Isopropyl ether (DIPE)	10.000	9.547	4.5	85	-0.01
25	T	Vinyl acetate	10.000	10.847	-8.5	92	-0.01
26	P,T	1,1-Dichloroethane	10.000	9.600	4.0	86	-0.01
27	T	2-Butanol	50.000	47.947	4.1	94	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	6.767	32.3#	60	-0.01
29	T	2-Butanone	50.000	40.528	18.9	77	-0.01
30	T	2,2-Dichloropropane	10.000	9.429	5.7	84	-0.01
31	T	cis-1,2-Dichloroethene	10.000	9.962	0.4	91	-0.01
32	C,T	Chloroform	10.000	9.602	4.0	86	-0.01
33	T	Bromochloromethane	10.000	9.100	9.0	82	-0.01
34	T	Tetrahydrofuran	10.000	7.963	20.4#	73	0.00
35	S	Dibromofluoromethane	10.000	9.991	0.1	89	-0.01
36	T	1,1,1-Trichloroethane	10.000	9.536	4.6	84	-0.01
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	6.613	33.9#	61	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.648	13.5	77	-0.01
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	79	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.577	-15.8	94	0.00
42	T	Carbon tetrachloride	10.000	10.885	-8.8	87	-0.01
43	T	1,2-Dichloroethane	10.000	9.734	2.7	77	-0.01
44	T,M	Benzene	10.000	10.811	-8.1	88	0.00
45	T,M	Trichloroethene	10.000	11.130	-11.3	90	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.261	-2.6	82	-0.01
48	T	1,4-Dioxane	200.000	226.538	-13.3	88	0.00
49	T	Bromodichloromethane	10.000	10.069	-0.7	80	-0.01
50	T	Dibromomethane	10.000	10.013	-0.1	80	-0.01
51	T	2-Chloroethyl vinyl ether	10.000	1.608	83.9#	15	0.00
52	T	4-Methyl-2-pentanone	50.000	43.852	12.3	69	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.726	2.7	78	0.00
54	S	Toluene-d8	10.000	10.246	-2.5	83	0.00
55	C,T,M	Toluene	10.000	10.343	-3.4	83	0.00
56	T	Ethyl methacrylate	10.000	8.949	10.5	71	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.262	7.4	73	0.00
58	T	2-Hexanone	50.000	46.759	6.5	73	0.00
59	T	1,1,2-Trichloroethane	10.000	9.958	0.4	80	-0.01
60	T	1,3-Dichloropropane	10.000	9.207	7.9	74	-0.01
61	T	Tetrachloroethene	10.000	10.593	-5.9	87	0.00
62	T	Dibromochloromethane	10.000	9.404	6.0	75	0.00
63	T	1,2-Dibromoethane	10.000	9.775	2.2	77	-0.01
64	T	1-Chlorohexane	10.000	10.606	-6.1	85	0.00
65	P,M	Chlorobenzene	10.000	9.969	0.3	79	0.00
66	C,T	Ethylbenzene	10.000	9.909	0.9	78	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.517	4.8	76	0.00
68	T	m-Xylene & p-Xylene	20.000	20.248	-1.2	78	-0.01
69	T	o-Xylene	10.000	10.225	-2.2	79	0.00
70	T	Styrene	10.000	10.745	-7.4	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	98	0.00
72	T	Isopropylbenzene	10.000	8.835	11.6	86	-0.01
73	P,T	Bromoform	10.000	8.847	11.5	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	8.894	11.1	88	0.00
75	S	4-Bromofluorobenzene	10.000	8.603	14.0	87	0.00
76	T	1,2,3-Trichloropropane	10.000	8.923	10.8	89	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.159	28.4#	77	0.00
78	T	n-Propylbenzene	10.000	9.254	7.5	91	0.00
79	T	Bromobenzene	10.000	9.425	5.7	96	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.560	4.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.264	7.4	93	-0.01
82	T	4-Chlorotoluene	10.000	8.898	11.0	90	0.00
83	T	tert-Butylbenzene	10.000	9.563	4.4	98	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.574	4.3	95	0.00
85	T	sec-Butylbenzene	10.000	10.286	-2.9	99	0.00
86	T	p-Isopropyltoluene	10.000	10.241	-2.4	98	0.00
87	T	1,3-Dichlorobenzene	10.000	9.691	3.1	98	0.00
88	T	1,4-Dichlorobenzene	10.000	9.664	3.4	97	0.00
89	T	n-Butylbenzene	10.000	10.209	-2.1	100	0.00
90	T	1,2-Dichlorobenzene	10.000	9.468	5.3	95	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.848	11.5	92	0.02
92	T	1,2,4-Trichlorobenzene	10.000	9.589	4.1	94	0.00
93	T	Hexachlorobutadiene	10.000	11.572	-15.7	116	0.00
94	T	Naphthalene	10.000	7.918	20.8#	84	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.190	18.1	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
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Multiplr: 1.00

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Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	-0.01
2	T	Dichlorodifluoromethane	0.292	0.348	-19.2	97	-0.01
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.585	5.3	78	0.00
5	C,T	Vinyl chloride	0.543	0.514	5.3	77	-0.01
6	T	Bromomethane	0.293	0.322	-9.9	92	-0.01
7	T	Chloroethane	0.309	0.341	-10.4	92	-0.01
8	T	Dichlorofluoromethane	0.742	0.772	-4.0	91	-0.01
9	T	Trichlorofluoromethane	0.326	0.401	-23.0#	97	-0.03
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.006	33.3#	62	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.253	-16.1	106	-0.03
13	T	Acetone	0.029	0.026	10.3	85	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.594	-3.1	92	-0.01
15	T	tert-Butyl alcohol	0.013	0.009	30.8#	63	-0.01
16	T	Acetonitrile	0.015	0.011	26.7#	74	-0.01
17	T	Methyl acetate	0.000	0.000	0.0	0#	-0.01
18	T	Iodomethane	0.648	0.623	3.9	87	-0.01
19	T	Methylene chloride	0.430	0.400	7.0	86	0.00
20	T	Carbon disulfide	1.196	1.003	16.1	73	-0.01
21	T	Acrylonitrile	0.039	0.034	12.8	78	-0.01
22	T	tert-Butyl methyl ether (MT	0.301	0.243	19.3	73	-0.01
23	T	trans-1,2-Dichloroethene	0.507	0.486	4.1	85	-0.01
24	T	Isopropyl ether (DIPE)	0.975	0.931	4.5	85	-0.01
25	T	Vinyl acetate	0.280	0.304	-8.6	92	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.579	4.0	86	-0.01
27	T	2-Butanol	0.008	0.008	0.0	94	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.301	32.2#	60	-0.01
29	T	2-Butanone	0.051	0.041	19.6	77	-0.01
30	T	2,2-Dichloropropane	0.239	0.225	5.9	84	-0.01
31	T	cis-1,2-Dichloroethene	0.315	0.314	0.3	91	-0.01
32	C,T	Chloroform	0.486	0.466	4.1	86	-0.01
33	T	Bromochloromethane	0.219	0.199	9.1	82	-0.01
34	T	Tetrahydrofuran	0.026	0.021	19.2	73	0.00
35	S	Dibromofluoromethane	0.289	0.289	0.0	89	-0.01
36	T	1,1,1-Trichloroethane	0.333	0.317	4.8	84	-0.01
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.038	34.5#	61	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.158	13.7	77	-0.01
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	79	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I14\RID248.D
Acq On : 14 Sep 2010 3:35 pm
Sample : CVO94H1137 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.205	-15.8	94	0.00
42	T	Carbon tetrachloride	0.412	0.449	-9.0	87	-0.01
43	T	1,2-Dichloroethane	0.262	0.255	2.7	77	-0.01
44	T,M	Benzene	1.523	1.647	-8.1	88	0.00
45	T,M	Trichloroethene	0.432	0.481	-11.3	90	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.366	-2.5	82	-0.01
48	T	1,4-Dioxane	0.001	0.001	0.0	88	0.00
49	T	Bromodichloromethane	0.378	0.380	-0.5	80	-0.01
50	T	Dibromomethane	0.124	0.125	-0.8	80	-0.01
51	T	2-Chloroethyl vinyl ether	0.053	0.008	84.9#	15#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.118	12.6	69	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.455	2.8	78	0.00
54	S	Toluene-d8	1.225	1.255	-2.4	83	0.00
55	C,T,M	Toluene	1.395	1.443	-3.4	83	0.00
56	T	Ethyl methacrylate	0.203	0.182	10.3	71	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.286	7.4	73	0.00
58	T	2-Hexanone	0.081	0.075	7.4	73	0.00
59	T	1,1,2-Trichloroethane	0.153	0.152	0.7	80	-0.01
60	T	1,3-Dichloropropane	0.317	0.292	7.9	74	-0.01
61	T	Tetrachloroethene	0.329	0.348	-5.8	87	0.00
62	T	Dibromochloromethane	0.249	0.234	6.0	75	0.00
63	T	1,2-Dibromoethane	0.163	0.160	1.8	77	-0.01
64	T	1-Chlorohexane	0.637	0.676	-6.1	85	0.00
65	P,M	Chlorobenzene	0.886	0.883	0.3	79	0.00
66	C,T	Ethylbenzene	1.594	1.580	0.9	78	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.302	4.7	76	0.00
68	T	m-Xylene & p-Xylene	1.167	1.181	-1.2	78	-0.01
69	T	o-Xylene	1.140	1.166	-2.3	79	0.00
70	T	Styrene	0.847	0.910	-7.4	84	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	98	0.00
72	T	Isopropylbenzene	4.602	4.065	11.7	86	-0.01
73	P,T	Bromoform	0.324	0.287	11.4	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.447	11.1	88	0.00
75	S	4-Bromofluorobenzene	1.085	0.933	14.0	87	0.00
76	T	1,2,3-Trichloropropane	0.113	0.101	10.6	89	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.077	28.7#	77	0.00
78	T	n-Propylbenzene	5.796	5.363	7.5	91	0.00
79	T	Bromobenzene	1.014	0.956	5.7	96	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.276	4.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

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Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 3
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.285	7.4	93	-0.01
82	T	4-Chlorotoluene	2.404	2.139	11.0	90	0.00
83	T	tert-Butylbenzene	0.936	0.895	4.4	98	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.048	4.2	95	0.00
85	T	sec-Butylbenzene	4.880	5.020	-2.9	99	0.00
86	T	p-Isopropyltoluene	3.956	4.051	-2.4	98	0.00
87	T	1,3-Dichlorobenzene	2.025	1.963	3.1	98	0.00
88	T	1,4-Dichlorobenzene	1.888	1.824	3.4	97	0.00
89	T	n-Butylbenzene	4.003	4.087	-2.1	100	0.00
90	T	1,2-Dichlorobenzene	1.492	1.412	5.4	95	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.058	12.1	92	0.02
92	T	1,2,4-Trichlorobenzene	0.605	0.580	4.1	94	0.00
93	T	Hexachlorobutadiene	0.485	0.561	-15.7	116	0.00
94	T	Naphthalene	0.645	0.601	6.8	84	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.349	8.4	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: FMAX Inc
Lab Code: FMXT Case No.:
Lab File ID: RID273
Instrument ID: 1094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1D1193
BFB Injection Date : 09/15/10
BFB Injection Time : 09:38
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.41
75	30.0 - 60.0% of mass 95	42.27
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.18
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	87.91
175	5.0 - 9.0% of mass 174	6.49(7.4)1
176	95.0 - 101.0% of mass 174	85.31(97.0)1
177	5.0 - 9.0% of mass 176	5.26(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1138	RID274	09/15/10	10:18
2	MBLK2W	V094I13D	RID275	09/15/10	13:23
3	LCS2W	V094I13L	RID275	09/15/10	10:54
4	LCD2W	V094I13C	RID276	09/15/10	11:32
5	MW-70-27-A1DDL	I193-02T	RID280	09/15/10	14:00
6	MW-70-28-A1DDL	I193-01T	RID281	09/15/10	14:36
7	MW-70-MNA09-A10	I193-03R	RID282	09/15/10	15:13
8	MW 70 02 A1D	I193-04	RID288	09/15/10	18:54
9	MW 70-17-A1D	I193-05	RID289	09/15/10	19:30
10	MW-70-22-A1D	I193-06	RID290	09/15/10	20:08
11	MW-70-10-A1D	I193-07	RID291	09/15/10	20:44
12	MW-70-11-A1D	I193-08	RID292	09/15/10	21:20

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RH0320
Instrument ID: T044
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: T01193
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1346444	14.00	980548	18.68	406563	22.00
2	MBLK2W	1304420	14.00	1040495	18.69	343604	22.00
3	LCS2W	1295497	14.00	962745	18.68	404766	22.00
4	LCD2W	1318158	14.00	985261	18.68	409619	22.00
5	MW-70-27-A100L	1214607	14.00	947748	18.69	320322	22.01
6	MW-70-28-A100L	1318260	14.01	1066158	18.69	339730	22.01
7	MW-70-MNA09-A10	1349086	14.00	1033456	18.69	371587	22.01
8	MW-70-02-A10	1314905	14.01	994958	18.69	356434	22.01
9	MW-70-17-A10	1333048	14.01	1102766	18.69	364000	22.01
10	MW-70-22-A10	1364932	14.00	1174903	18.69	405606	22.01
11	MW-70-10-A10	1347297	14.00	1047819	18.69	354673	22.00
12	MW-70-11-A10	1348914	14.00	1064416	18.69	347803	22.01

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT - + 100% of internal standard area
AREA LOWER LIMIT - - 50% of internal standard area
AREA UPPER LIMIT - + 50% of surrogate area
AREA LOWER LIMIT - - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	10.000	11.459	-14.6	91	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.869	11.3	71	0.00
5	C,T	Vinyl chloride	10.000	9.164	8.4	72	0.00
6	T	Bromomethane	10.000	10.140	-1.4	82	0.00
7	T	Chloroethane	10.000	10.130	-1.3	82	0.00
8	T	Dichlorofluoromethane	10.000	10.463	-4.6	89	0.00
9	T	Trichlorofluoromethane	10.000	10.376	-3.8	92	-0.02
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	30.983	38.0#	52	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	11.583	-15.8	102	0.00
13	T	Acetone	50.000	44.155	11.7	83	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.427	-4.3	91	0.00
15	T	tert-Butyl alcohol	50.000	33.484	33.0#	59	0.00
16	T	Acetonitrile	100.000	79.468	20.5#	76	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.334	6.7	82	0.00
19	T	Methylene chloride	10.000	9.224	7.8	83	0.00
20	T	Carbon disulfide	10.000	8.275	17.2	70	0.00
21	T	Acrylonitrile	50.000	44.709	10.6	77	0.00
22	T	tert-Butyl methyl ether (MT	10.000	9.315	6.9	82	0.00
23	T	trans-1,2-Dichloroethene	10.000	9.635	3.7	83	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.926	0.7	86	0.00
25	T	Vinyl acetate	10.000	10.306	-3.1	85	0.00
26	P,T	1,1-Dichloroethane	10.000	9.890	1.1	87	-0.02
27	T	2-Butanol	50.000	46.837	6.3	89	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	8.250	17.5	71	0.00
29	T	2-Butanone	50.000	41.153	17.7	76	0.00
30	T	2,2-Dichloropropane	10.000	9.416	5.8	81	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.305	-3.0	91	0.00
32	C,T	Chloroform	10.000	9.854	1.5	86	0.00
33	T	Bromochloromethane	10.000	9.457	5.4	83	0.00
34	T	Tetrahydrofuran	10.000	8.232	17.7	74	0.00
35	S	Dibromofluoromethane	10.000	10.078	-0.8	87	0.00
36	T	1,1,1-Trichloroethane	10.000	9.585	4.1	82	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.02
38	T	tert-Amyl methyl ether (TAM	10.000	7.811	21.9#	70	0.00
39	S	1,2-Dichloroethane-d4	10.000	8.751	12.5	76	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	11.907	-19.1	93	0.00
42	T	Carbon tetrachloride	10.000	10.671	-6.7	82	0.00
43	T	1,2-Dichloroethane	10.000	10.167	-1.7	77	0.00
44	T,M	Benzene	10.000	11.022	-10.2	86	0.00
45	T,M	Trichloroethene	10.000	11.481	-14.8	90	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.754	-7.5	83	0.00
48	T	1,4-Dioxane	200.000	219.453	-9.7	82	0.00
49	T	Bromodichloromethane	10.000	10.535	-5.4	80	0.00
50	T	Dibromomethane	10.000	10.584	-5.8	82	0.00
51	T	2-Chloroethyl vinyl ether	10.000	1.418	85.8#	13	0.00 NT
52	T	4-Methyl-2-pentanone	50.000	45.051	9.9	68	0.00
53	T	cis-1,3-Dichloropropene	10.000	10.075	-0.7	78	0.00
54	S	Toluene-d8	10.000	10.363	-3.6	80	0.00
55	C,T,M	Toluene	10.000	10.547	-5.5	82	0.00
56	T	Ethyl methacrylate	10.000	9.380	6.2	72	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.470	5.3	72	0.00
58	T	2-Hexanone	50.000	47.836	4.3	71	0.00
59	T	1,1,2-Trichloroethane	10.000	10.429	-4.3	81	0.00
60	T	1,3-Dichloropropane	10.000	9.751	2.5	75	0.00
61	T	Tetrachloroethene	10.000	10.829	-8.3	86	0.00
62	T	Dibromochloromethane	10.000	9.893	1.1	75	0.00
63	T	1,2-Dibromoethane	10.000	10.172	-1.7	77	0.00
64	T	1-Chlorohexane	10.000	10.779	-7.8	83	0.00
65	P,M	Chlorobenzene	10.000	10.142	-1.4	77	0.00
66	C,T	Ethylbenzene	10.000	10.094	-0.9	77	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	9.839	1.6	76	0.00
68	T	m-Xylene & p-Xylene	20.000	20.523	-2.6	76	0.00
69	T	o-Xylene	10.000	10.355	-3.6	77	0.00
70	T	Styrene	10.000	11.081	-10.8	83	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	95	0.00
72	T	Isopropylbenzene	10.000	8.884	11.2	84	0.00
73	P,T	Bromoform	10.000	9.133	8.7	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.340	6.6	89	0.00
75	S	4-Bromofluorobenzene	10.000	8.615	13.8	84	0.00
76	T	1,2,3-Trichloropropane	10.000	9.062	9.4	87	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.648	23.5#	80	0.00 NT
78	T	n-Propylbenzene	10.000	9.259	7.4	88	0.00
79	T	Bromobenzene	10.000	9.602	4.0	94	0.00
80	T	1,3,5-Trimethylbenzene	10.000	9.480	5.2	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	8.338	16.6	80	0.00
82	T	4-Chlorotoluene	10.000	10.259	-2.6	100	0.00
83	T	tert-Butylbenzene	10.000	9.727	2.7	96	0.00
84	T	1,2,4-Trimethylbenzene	10.000	9.535	4.6	91	0.00
85	T	sec-Butylbenzene	10.000	10.227	-2.3	95	0.00
86	T	p-Isopropyltoluene	10.000	10.096	-1.0	94	0.00
87	T	1,3-Dichlorobenzene	10.000	9.732	2.7	95	0.00
88	T	1,4-Dichlorobenzene	10.000	9.749	2.5	95	0.00
89	T	n-Butylbenzene	10.000	9.930	0.7	94	0.00
90	T	1,2-Dichlorobenzene	10.000	9.691	3.1	94	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.227	7.7	93	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.428	5.7	90	0.00
93	T	Hexachlorobutadiene	10.000	11.389	-13.9	110	0.00
94	T	Naphthalene	10.000	7.911	20.9#	81	0.00
95	T	1,2,3-Trichlorobenzene	10.000	7.793	22.1#	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CV094H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.292	0.334	-14.4	91	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.548	11.3	71	0.00
5	C,T	Vinyl chloride	0.543	0.498	8.3	72	0.00
6	T	Bromomethane	0.293	0.297	-1.4	82	0.00
7	T	Chloroethane	0.309	0.313	-1.3	82	0.00
8	T	Dichlorofluoromethane	0.742	0.776	-4.6	89	0.00
9	T	Trichlorofluoromethane	0.326	0.389	-19.3	92	-0.02
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.005	44.4#	52	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.252	-15.6	102	0.00
13	T	Acetone	0.029	0.026	10.3	83	0.00
14	C,T,M	1,1-Dichloroethene	0.576	0.601	-4.3	91	0.00
15	T	tert-Butyl alcohol	0.013	0.009	30.8#	59	0.00
16	T	Acetonitrile	0.015	0.012	20.0	76	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.648	0.605	6.6	82	0.00
19	T	Methylene chloride	0.430	0.397	7.7	83	0.00
20	T	Carbon disulfide	1.196	0.990	17.2	70	0.00
21	T	Acrylonitrile	0.039	0.035	10.3	77	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.280	7.0	82	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.489	3.6	83	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.968	0.7	86	0.00
25	T	Vinyl acetate	0.280	0.288	-2.9	85	0.00
26	P,T	1,1-Dichloroethane	0.603	0.596	1.2	87	-0.02
27	T	2-Butanol	0.008	0.008	0.0	89	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.367	17.3	71	0.00
29	T	2-Butanone	0.051	0.042	17.6	76	0.00
30	T	2,2-Dichloropropane	0.239	0.225	5.9	81	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.324	-2.9	91	0.00
32	C,T	Chloroform	0.486	0.479	1.4	86	0.00
33	T	Bromochloromethane	0.219	0.207	5.5	83	0.00
34	T	Tetrahydrofuran	0.026	0.022	15.4	74	0.00
35	S	Dibromofluoromethane	0.289	0.291	-0.7	87	0.00
36	T	1,1,1-Trichloroethane	0.333	0.319	4.2	82	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.02
38	T	tert-Amyl methyl ether (TAM	0.058	0.045	22.4#	70	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.160	12.6	76	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.211	-19.2	93	0.00
42	T	Carbon tetrachloride	0.412	0.440	-6.8	82	0.00
43	T	1,2-Dichloroethane	0.262	0.267	-1.9	77	0.00
44	T,M	Benzene	1.523	1.679	-10.2	86	0.00
45	T,M	Trichloroethene	0.432	0.496	-14.8	90	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.383	-7.3	83	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	82	0.00
49	T	Bromodichloromethane	0.378	0.398	-5.3	80	0.00
50	T	Dibromomethane	0.124	0.132	-6.5	82	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.007	86.8#	13#	0.00
52	T	4-Methyl-2-pentanone	0.135	0.121	10.4	68	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.471	-0.6	78	0.00
54	S	Toluene-d8	1.225	1.269	-3.6	80	0.00
55	C,T,M	Toluene	1.395	1.472	-5.5	82	0.00
56	T	Ethyl methacrylate	0.203	0.191	5.9	72	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.292	5.5	72	0.00
58	T	2-Hexanone	0.081	0.077	4.9	71	0.00
59	T	1,1,2-Trichloroethane	0.153	0.160	-4.6	81	0.00
60	T	1,3-Dichloropropane	0.317	0.309	2.5	75	0.00
61	T	Tetrachloroethene	0.329	0.356	-8.2	86	0.00
62	T	Dibromochloromethane	0.249	0.246	1.2	75	0.00
63	T	1,2-Dibromoethane	0.163	0.166	-1.8	77	0.00
64	T	1-Chlorohexane	0.637	0.687	-7.8	83	0.00
65	P,M	Chlorobenzene	0.886	0.899	-1.5	77	0.00
66	C,T	Ethylbenzene	1.594	1.609	-0.9	77	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.312	1.6	76	0.00
68	T	m-Xylene & p-Xylene	1.167	1.197	-2.6	76	0.00
69	T	o-Xylene	1.140	1.180	-3.5	77	0.00
70	T	Styrene	0.847	0.939	-10.9	83	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	95	0.00
72	T	Isopropylbenzene	4.602	4.088	11.2	84	0.00
73	P,T	Bromoform	0.324	0.296	8.6	87	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.469	6.8	89	0.00
75	S	4-Bromofluorobenzene	1.085	0.935	13.8	84	0.00
76	T	1,2,3-Trichloropropane	0.113	0.102	9.7	87	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.083	23.1#	80	0.00
78	T	n-Propylbenzene	5.796	5.366	7.4	88	0.00
79	T	Bromobenzene	1.014	0.974	3.9	94	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.248	5.2	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I15\RID274.D
Acq On : 15 Sep 2010 10:18 am
Sample : CVO94H1138 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	2.957	16.6	80	0.00
82	T	4-Chlorotoluene	2.404	2.467	-2.6	100	0.00
83	T	tert-Butylbenzene	0.936	0.910	2.8	96	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.035	4.6	91	0.00
85	T	sec-Butylbenzene	4.880	4.991	-2.3	95	0.00
86	T	p-Isopropyltoluene	3.956	3.994	-1.0	94	0.00
87	T	1,3-Dichlorobenzene	2.025	1.971	2.7	95	0.00
88	T	1,4-Dichlorobenzene	1.888	1.840	2.5	95	0.00
89	T	n-Butylbenzene	4.003	3.975	0.7	94	0.00
90	T	1,2-Dichlorobenzene	1.492	1.446	3.1	94	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.061	7.6	93	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.570	5.8	90	0.00
93	T	Hexachlorobutadiene	0.485	0.552	-13.8	110	0.00
94	T	Naphthalene	0.645	0.600	7.0	81	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.332	12.9	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H11Ø

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RHD314	BF89HH6	2 µL					T/CHECK
02	315	V094H11Ø1	[illegible]					[illegible]
03	316	Ø2	[illegible]					5 / 1Ø / 1Ø
04	317	Ø3	[illegible]					1 / 5 / 1Ø
05	318	Ø4	[illegible]					2 / 1Ø / 1Ø
06	319	Ø5	[illegible]					5 / 25 / 1Ø
07	32Ø	Ø6	[illegible]					1Ø / 5Ø / 2Ø
08	321	Ø7	[illegible]					2Ø / 1ØØ / 5Ø
09	322	Ø8	[illegible]					3Ø / 15Ø / 1ØØ
10	323	Ø9	[illegible]					4Ø / 2ØØ / 8Ø
11	324	1Ø	[illegible]					5Ø / 25Ø / 1ØØ
12	325	11	[illegible]					1ØØ / 5ØØ / 2ØØ
13	326	Rinse	25 mL	1Ø				
14	327							
15	328	V094H16B						
16	329	IV094H11Ø1	[illegible]					1Ø / 5Ø / 2Ø
17	33Ø	Ø2						
18	331	Rinse	25 mL	1Ø				
19	332							
20								
21								
22								
23								
24								
25								AS 8-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	V094H11

STANDARDS		
NAME	ID	CONC. (ng/L)
DCC 8260	SV1-16-22-2	50/250
DCC [illegible]	-25-1	250
DCC 2-Butanol	-19-1	250
BFB	SV1-15-97-1	50
IS/SURR.	SV1-16-18-2 -18-3	250
LCS 8260	-23-2	50/250
LCS [illegible]	-16-2	250
LCS [illegible]	SV1-12-38[illegible]	250 / 1000

SOLVENT	ID
METHANOL	
DATA FILE	V094H11

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

2045

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 3 ☐

Start Date: 9-14-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH 094A0133

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	Df	Matrix W pH	Matrix W D (ppm)	Matrix S	Notes
01	RTIQ1L0	BFB94I12	2 µl					[illegible] 19521
02	247	STD TEST	[illegible]					
03	248	CV094H137						
04	249	V094I12	[illegible]					
05	250	C						
06	251	rinse	25ml	10				
07	252	V094I12B						MB
08	253	Q						MS
09	254	10I193-09			[illegible]	[illegible]		TB
10	255	10I166-02R			/	/		
11	256	-01T	25ml	100	/	/		
12	257	10I148-01T			/	/		
13	258	-04T			/	/		[illegible]
14	259	-05T			/	/		
15	260	-11R	25ml	10	/	/		
16	261	-06R			/	/		confirm original [illegible]
17	262	10I193-01			/	/		[illegible]
18	263	-02			/	/		[illegible]
19	264	-03			/	/		[illegible]
20	[illegible]	10I148-04R			/	/		confirm [illegible] 02, 02
21	[illegible]	rinse	[illegible]	[illegible]				
22								
23								
24								
25								AS 9/15/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
XCAL ID	V094A11
STANDARDS	
NAME	ID
DCC 8260	941-16-21-3
DCC [illegible]	-34-2
DCC [illegible]	-39-1
DCC [illegible]	-19-3
BFB	-26-2
IS/SURR	-33-2
LCS 8260	-36-3
LCS [illegible]	-35-1
LCS [illegible]	-[illegible]-3
SOLVENT	ID
METHANOL	
DATA FILE	10I14
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9/15/10

Disposed By: [illegible]

20:17

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-15-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H138

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Q (conc)	Matrix S	Notes
01		RID273	BE99I13	2 µl					CHECK 09:38
02		274	CV094H138	5ml/1µl					
03		275	V094I13L	5ml/1µl					
04		276	C						
05		277	Rinse	25ml	1µl				
06		278	V094I13B						
07		279	Q						
08		280	10I193-02T	25ml	1/50	ND	<1		
09		281	-01T	5ml	5/0	/	/		
10		282	-03R	25ml	1/0	/	/		
11		283	-04T	5ml	5/0	/	/		Too Dilute
12		284	-05T			/	/		
13		285	-Not			/	/		
14		286	-07T			/	/		
15		287	10I148-02T	1ml	25	/	/		
16		288	10I193-04	25ml	1/0	/	/		
17		289	-05			/	/		
18		290	-06			/	/		
19		291	-07			/	/		
20		292	-08			/	/		21:20
21		293	Rinse						
22		294							
23									
24									
25									AS 9-16-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H1L

STANDARDS		
NAME	ID	CONC (mg/L)
DCC 8260	541-16-21-3	
DCC Ketones	-38-2	
DCC Gases	-39-1	
DCC 2-Butanol	-21-3	
BFB	-19-1	
S/SURR.	-26-2	
LCS 8260	-33-2	
LCS Ketones	-36-3	
LCS 2-Butanol	-37-1	
	541-12-38	-35-1

SOLVENT	ID
METHANOL	
DATA FILE	10I15

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 9-16-10

Disposed By: AS

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I193

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD RSK-175
DISSOLVED GASES

A total of three (3) water samples were received on 09/14/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI013WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC. SDG NO. : 1C1193
Project : NWS SEAL BEACH, SR SITE 70. Instrument ID : GCT01D

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MB_K1W	DG1013WB	1	NA	09/21/1011:07	09/21/1009:40	F121003A	F121002A	DG1013W	Method Blank
LCS1W	DG1013WL	1	NA	09/21/1011:20	09/21/1009:40	F121004A	F121002A	DG1013W	Lab Control Sample (LCS)
LCD1W	DG1013WC	1	NA	09/21/1011:31	09/21/1009:40	F121005A	F121002A	DG1013W	LCS Duplicate
MW-70-2B-A10	1193-01	1	NA	09/21/1013:42	09/21/1009:40	F121014A	F121013A	DG1013W	Field Sample
MW-70-2B-A10DL	1193-01T	25	NA	09/21/1013:57	09/21/1009:40	F121015A	F121013A	DG1013W	Diluted Sample
MW-70-27-A10	1193-02	1	NA	09/21/1014:59	09/21/1009:40	F121017A	F121013A	DG1013W	Field Sample
MW-70-27-A10DL	1193-02T	10	NA	09/21/1015:21	09/21/1009:40	F121018A	F121013A	DG1013W	Diluted Sample
MW-70-MWA09-A10	1193-03	1	NA	09/21/1015:39	09/21/1009:40	F121019A	F121013A	DG1013W	Field Sample
MW-70-MWA09-A10DL	1193-03T	500	NA	09/21/1015:57	09/21/1009:40	F121020A	F121013A	DG1013W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT FEC, INC.	Date Collected: 09/13/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/14/10
Batch No. : 1DI193	Date Extracted: 09/21/10 09:40
Sample ID: MW-70-2B-A10	Date Analyzed: 09/21/10 13:42
Lab Samp ID: 1193-01	Dilution Factor: 1
Lab File ID: F121014A	Matrix : WATER
Ext Btch ID: DGI013W	% Moisture : NA
Calib. Ref.: F121013A	Instrument ID : GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	7.5	2.0	0.60
ETHENE	380E	2.0	0.60
METHANE	110E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/21/10 09:40
Sample ID:	MW-70-28-A10DL	Date Analyzed:	09/21/10 13:57
Lab Samp ID:	I193-01T	Dilution Factor:	25
Lab File ID:	FI21015A	Matrix :	WATER
Ext Btch ID:	DG1013W	% Moisture :	NA
Calib. Ref.:	FI21013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	50	15
ETHENE	870	50	15
METHANE	340	50	15

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/13/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/14/10
Batch No. : 101193	Date Extracted: 09/21/10 09:40
Sample ID: MW-70-27-A10	Date Analyzed: 09/21/10 14:59
Lab Samp ID: I193-02	Dilution Factor: 1
Lab File ID: F121017A	Matrix : WATER
Ext Batch ID: DGI013W	% Moisture : NA
Calib. Ref.: F121013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	4.0	2.0	0.60
ETHENE	140E	2.0	0.60
METHANE	83E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/13/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/14/10
Batch No. : 101193	Date Extracted: 09/21/10 09:40
Sample ID: MW-70-27-A10DL	Date Analyzed: 09/21/10 15:21
Lab Samp ID: I193-02T	Dilution Factor: 10
Lab File ID: FI21013A	Matrix : WATER
Ext Btch ID: DGI013W	% Moisture : NA
Calib. Ref.: FI21013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	130	20	6.0
METHANE	160	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/21/10 09:40
Sample ID:	MW-70-MWA09-A10	Date Analyzed:	09/21/10 15:39
Lab Samp ID:	1193-03	Dilution Factor:	1
Lab File ID:	FI21019A	Matrix	: WATER
Ext Btch ID:	DGI013W	% Moisture	: NA
Calib. Ref.:	FI21013A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	35DE	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/13/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/14/10
Batch No.	: 101193	Date Extracted:	09/21/10 09:40
Sample ID:	MW-70-MWA09-A100L	Date Analyzed:	09/21/10 15:57
Lab Samp ID:	I193-05T	Dilution Factor:	500
Lab File ID:	F121020A	Matrix :	WATER
Ext Btch ID:	DGI013W	% Moisture :	NA
Calib. Ref.:	F121013A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	6200	1000	300

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/21/10
Batch No.	: 10:193	Date Extracted:	09/21/10 09:40
Sample ID:	MBLK1W	Date Analyzed:	09/21/10 11:07
Lab Samp ID:	DGI013WB	Dilution Factor:	1
Lab File ID:	F121003A	Matrix :	WATER
Ext Batch ID:	DGI013W	% Moisture :	NA
Calib. Ref.:	F121002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGI013WB	DGI013WL	DGI013WC		
LAB FILE ID:	FI21003A	FI21004A	FI21005A		
DATE EXTRACTED:	09/21/1009:40	09/21/1009:40	09/21/1009:40	DATE COLLECTED:	NA
DATE ANALYZED:	09/21/1011:07	09/21/1011:20	09/21/1011:31	DATE RECEIVED:	09/21/10
PREP. BATCH:	DGI013W	DGI013W	DGI013W		
CALIB. REF:	FI21002A	FI21002A	FI21002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	23.1	91	25.4	22.9	90	1	70-140	30
Ethene	ND	23.7	21.6	91	23.7	21.3	90	1	70 140	30
Methane	ND	13.6	11.6	85	13.6	11.4	84	1	70 130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : ENAX Inc
Instrument ID : GCT01D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
LFID & Datetime: FF08002A 06/08/10 11:18
LFID & Datetime: FF08003A 06/08/10 11:33
LFID & Datetime: FF08004A 06/08/10 11:47
LFID & Datetime: FF08005A 06/08/10 11:59
LFID & Datetime: FF08006A 06/08/10 12:13
LFID & Datetime: FF08007A 06/08/10 12:26
CONC UNIT: ppb

COMPOUND	CONC %	CALIBRATION FACTORS (AREA)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	33825	28613	30200	27685	29094	29449	29810.9	7.2
Acetylene	0.55	2898	2988	3307	3019	3074	3275	3093.7	5.3
Ethylene	0.59	17193	17499	19207	17282	18239	18867	18047.8	4.7
Ethane	0.64	25049	25758	28048	25409	27126	27701	26515.2	4.8
Propane	0.93	26052	28288	29817	27385	27981	28877	28066.5	4.6

DG10F08.MET

6/9/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FF08008A 06/08/2010 12:39
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.083	1.054	1.112	13.6	29810.9	383151	12.85	-5		15
Acetylene	2.208	2.182	2.234	22.0	3093.7	65150	21.06	-4		15
Ethylene	2.667	2.616	2.718	23.7	18047.8	427612	23.69	-0		15
Ethane	3.108	3.058	3.158	25.4	26515.2	670472	25.29	-1		15
Propane	5.992	5.905	6.079	37.3	28066.5	954434	34.01	-9		15

DG10F08.MET

06/09/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXO.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI21002A 09/21/2010 10:55
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	352170	11.81	-13		15
Ethylene	2.675	2.624	2.726	23.7	18047.8	384058	21.28	-10		15
Ethane	3.108	3.058	3.158	25.4	26515.2	610061	23.01	-9		15
Propane	6.000	5.913	6.087	37.3	28066.5	946850	33.74	-10		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: FI21013A 09/21/2010 13:25
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	29810.9	449913	15.09	11		15
Ethylene	2.683	2.632	2.734	23.7	18047.8	491505	27.23	15		15
Ethane	3.125	3.075	3.175	25.4	26515.2	771122	29.08	14		15
Propane	6.017	5.930	6.104	37.3	28066.5	1186144	42.26	13		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FF08005A 06/08/2010 11:59
Conc Cont LFID & Datetime: F121021A 09/21/2010 16:21
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.092	1.063	1.121	13.6	29810.9	431323	14.47	7		15
Ethylene	2.475	2.624	2.726	23.7	18047.8	470312	26.06	10		15
Ethane	3.117	3.067	3.167	25.4	26515.2	733144	27.65	9		15
Propane	6.000	5.913	6.087	37.3	28066.5	1155607	41.17	10		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	FF08
Method File:	DG10F08
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc.
DGAS ICAL (Scotty) SSSA-05-01-6	500 ppm
DGAS ICV (Rathson) SSSA-05-01-5	500 ppm
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SC

Date: 6/8/10

Disposed By: SC

Date Disposed: 6/8/10

Method: Dg10f08.met Batch: F108.seq Data: F108.009 - [Batch: f108.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	SampIB Amt	ISTD	Mult
1	Unknown	IB10F182	dg10f08.met	FF08.001	0	1	0	1
2	Unknown	DG10F08-01	dg10f08.met	FF08.002	0	1	0	1
3	Unknown	DG10F08-02	dg10f08.met	FF08.003	0	1	0	1
4	Unknown	DG10F08-03 DGAS ICAL	dg10f08.met	FF08.004	0	1	0	1
5	Unknown	DG10F08-04	dg10f08.met	FF08.005	0	1	0	1
6	Unknown	DG10F08-05	dg10f08.met	FF08.006	0	1	0	1
7	Unknown	DG10F08-06	dg10f08.met	FF08.007	0	1	0	1
8	Unknown	IDG10F0801 DGAS ICV	dg10f08.met	FF08.008	0	1	0	1
9	Unknown	IB	dg10f08.met	FF08.009	0	1	0	1
10	Unknown	IB	dg10f08.met	FF08.010	0	1	0	1
11	Unknown	IB	dg10f08.met	FF08.011	0	1	0	1
12	Unknown	IB	dg10f08.met	FF08.012	0	1	0	1
13	Unknown	IB	dg10f08.met	FF08.013	0	1	0	1
14	Unknown	IB	dg10f08.met	FF08.014	0	1	0	1
15	Unknown	IB	dg10f08.met	FF08.015	0	1	0	1
16	Unknown	IB	dg10f08.met	FF08.016	0	1	0	1
17	Unknown	IB	dg10f08.met	FF08.017	0	1	0	1
18	Unknown	IB	dg10f08.met	FF08.018	0	1	0	1
19	Unknown	IB	dg10f08.met	FF08.019	0	1	0	1
20	Unknown	IB	dg10f08.met	FF08.020	0	1	0	1
21	Unknown	IB	dg10f08.met	FF08.021	0	1	0	1
22	Unknown	IB	dg10f08.met	FF08.022	0	1	0	1
23	Unknown	IB	dg10f08.met	FF08.023	0	1	0	1
24	Unknown	IB	dg10f08.met	FF08.024	0	1	0	1
25	Unknown	IB	dg10f08.met	FF08.025	0	1	0	1
26	Unknown	IB	dg10f08.met	FF08.026	0	1	0	1
27	Unknown	IB	dg10f08.met	FF08.027	0	1	0	1
28	Unknown	IB	dg10f08.met	FF08.028	0	1	0	1
29	Unknown	IB	dg10f08.met	FF08.029	0	1	0	1
30	Unknown	IB	dg10f08.met	FF08.030	0	1	0	1
31	Unknown	IB	dg10f08.met	FF08.031	0	1	0	1
32	Unknown	IB	dg10f08.met	FF08.032	0	1	0	1
33	Unknown	IB	dg10f08.met	FF08.033	0	1	0	1
34	Unknown	IB	dg10f08.met	FF08.034	0	1	0	1
35	Unknown	IB	dg10f08.met	FF08.035	0	1	0	1

SC 6/8/10

FINAL

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Calculator | Method: Dg10f09.met | Tuesday, June 08, 20

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

SC 9/21/10
~~DG10 1013~~
DG 1013 : 1152, 1193

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F121
Method File:	DG10F08
Analytical Batch:	CDG10F08346

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC SSSB-06-41-3	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Exchrom/EZC_9_DGAS	

Analyzed By: SC
Date: 9/21/10
Disposed By: SC
Date Disposed: 9/21/10

Method: Dg10f08.met Batch: Fi21.seq Data: Fi21.021 - [Batch: fi21.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Run Type	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	Mult.
1	Unknown	IB10E346	dg10f08.met	FI21.001	0	100ul	0	1
2	Unknown	CDG10F00346	dg10f08.met	FI21.002	0		0	1
3	Unknown	DGI013WB	dg10f08.met	FI21.003	0		0	1
4	Unknown	DGI013WL	dg10f08.met	FI21.004	0		0	1
5	Unknown	DGI013WC	dg10f08.met	FI21.005	0		0	1
6	Unknown	10I152-08	dg10f08.met	FI21.006	0		0	1
7	Unknown	10I152-09	dg10f08.met	FI21.007	0		0	1
8	Unknown	10I152-12	dg10f08.met	FI21.008	0		0	1
9	Unknown	10I152-13	dg10f08.met	FI21.009	0		0	1
10	Unknown	10I152-15	dg10f08.met	FI21.010	0		0	1
11	Unknown	10I152-16	dg10f08.met	FI21.011	0		0	1
12	Unknown	10I152-17 RR CHLE	dg10f08.met	FI21.012	0		0	1
13	Unknown	CDG10F00347	dg10f08.met	FI21.013	0		0	1
14	Unknown	10I193-01 RR CH4, C2H6E	dg10f08.met	FI21.014	0		0	1
15	Unknown	10I193-01T DF=25	dg10f08.met	FI21.015	0	4ul	0	25
16	Unknown	10I152-17T DF=5	dg10f08.met	FI21.016	0	20ul	0	5
17	Unknown	10I193-02 RR CH4, C2H6 E	dg10f08.met	FI21.017	0	100ul	0	1
18	Unknown	10I193-02T DF=10	dg10f08.met	FI21.018	0	10ul	0	10
19	Unknown	10I193-03 RR CHLE	dg10f08.met	FI21.019	0	100ul	0	1
20	Unknown	10I193-03T DF=500	dg10f08.met	FI21.020	0	4ul (20ul)	0	500
21	Unknown	CDG10F00348	dg10f08.met	FI21.021	0	100ul	0	1
22	Unknown	IB	dg10f08.met	FI21.022	0		0	1
23	Unknown	IB	dg10f08.met	FI21.023	0		0	1
24	Unknown	IB	dg10f08.met	FI21.024	0		0	1
25	Unknown	IB	dg10f08.met	FI21.025	0		0	1
26	Unknown	IB	dg10f08.met	FI21.026	0		0	1
27	Unknown	IB	dg10f08.met	FI21.027	0		0	1
28	Unknown	IB	dg10f08.met	FI21.028	0		0	1
29	Unknown	IB	dg10f08.met	FI21.029	0		0	1
30	Unknown	IB	dg10f08.met	FI21.030	0		0	1
31	Unknown	IB	dg10f08.met	FI21.031	0		0	1
32	Unknown	IB	dg10f08.met	FI21.032	0		0	1
33	Unknown	IB	dg10f08.met	FI21.033	0		0	1
34	Unknown	IB	dg10f08.met	FI21.034	0		0	1
35	Unknown	IB	dg10f08.met	FI21.035	0		0	1

FINAL

9/21/10

Start | EZChrom Chromatography | Method: Dg10f08.met... | Untitled - Paint | Method: Dg10f08.met - Bl... | Exploring - Exp... | Tuesday, September 21, 2010

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/21/10 Time: 9:40 End Date: 9/21/10 Time: 11:00

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG I013 WB	39	4	N/A	
02	L				
03	C				
04	10 I152 - 08			<2	
05	-09				
06	-12				
07	-13				
08	-15				
09	-16				
10	-17				
11	10 I-193 - 01			<2	
12	-02				
13	-03				
14					
15					
16					
17					
18				SC 9/21/10	
19					
20					
21					
22					
23					
24					
25					

PREPARATION BATCH # DG1013

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-CS-01-S	1000

Reagent	Lot# / ID
H_2O	Organic free
He	Air Liquide / UH 1046

SDG #	Extract Location

Comments:

Prepared By: SC

Standard Added By: SC

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ Room Temp. (°C): 22 Book # EDG-020

Start Date: Time: 10:00 End Date: 6/8/10 Time: 11:00

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10F08-01	39	4	N/A	
02	-02				
03	-03				DGAS ICAL
04	-04				
05	-05				
06	-06				
07	1DG10F08 01				DGAS ICV
08					
09					
10					
11					
12					
13					
14				3c	6/8/10
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
ICAL DGAS STD.	SSSA-05-01-6 (Scotty)
ICV DGAS STD.	SSSA-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.08 ml ICAL STANDARD + 3.92 ml He
2) 0.4 ml + 3.6 ml
3) 1.0 ml + 3.0 ml
4) 1.6 ml + 2.4 ml
5) 3.0 ml + 1.0 ml
6) 4.0 ml + 0.0 ml

Prepared By: SC

Standard Added By: SC

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I193

8000

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD 300.0
ANIONS BY IC

A total of two (2) water samples were received on 09/14/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ICI035WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Samples for Nitrite-N were reported from 5x dilution due to high concentration of Chloride.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, OR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID :

SAMPLE ID	ENAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1035WB	ND	1	NA	0.500	0.250	09/14/1011:49	NA	A117-03	A117-01	IC1035W	NA	NA
LCS1W	IC1035WL	4.99	1	NA	0.500	0.250	09/14/1012:06	NA	A117-04	A117-01	IC1035W	NA	NA
LCD1W	IC1035WC	4.97	1	NA	0.500	0.250	09/14/1012:22	NA	A117-05	A117-01	IC1035W	NA	NA
MW-70-28-A10	1193-01	2.51	1	NA	0.500	0.250	09/14/1018:17	NA	A117-27	A117-25	IC1035W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	2.91	1	NA	0.500	0.250	09/14/1019:06	NA	A117-30	A117-25	IC1035W	09/13/1010:10	09/14/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : C100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1035W9	ND	1	NA	0.200	0.100	09/14/1011:49	NA	A117-03	A117-01	IC1035W	NA	NA
LCS1W	IC1035WL	4.90	1	NA	0.200	0.100	09/14/1012:06	NA	A117-04	A117-01	IC1035W	NA	NA
LCD1W	IC1035WC	4.91	1	NA	0.200	0.100	09/14/1012:22	NA	A117-05	A117-01	IC1035W	NA	NA
MW-70-28-A10	I193-01	1370	100	NA	20.0	10.0	09/14/1018:50	NA	A117-29	A117-25	IC1035W	09/13/1009:37	09/14/10
MW-70-27-A10	I193-02	1420	100	NA	20.0	10.0	09/14/1019:38	NA	A117-32	A117-25	IC1035W	09/13/1010:10	09/14/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : 1103

SAMPLE ID	ENAK SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1035WB	ND	1	NA	0.200	0.0500	09/14/1011:49	NA	A117-03	A117-01	1C1035W	NA	NA
LCS1W	1C1035WL	1.90	1	NA	0.200	0.0500	09/14/1012:06	NA	A117-04	A117-01	1C1035W	NA	NA
LCD1W	1C1035WC	1.89	1	NA	0.200	0.0500	09/14/1012:22	NA	A117-05	A117-01	1C1035W	NA	NA
MW-70-28-A10	1193-01	ND	1	NA	0.200	0.0500	09/14/1018:37	NA	A117-27	A117-25	1C1035W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	0.0706J	1	NA	0.200	0.0500	09/14/1019:06	NA	A117-30	A117-25	1C1035W	09/13/1013:10	09/14/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1035WB	ND	1	NA	0.200	0.0500	09/14/1011:49	NA	AI17-03	AI17-01	IC1035W	NA	NA
LCS1W	IC1035WL	2.00	1	NA	0.200	0.0500	09/14/1012:06	NA	AI17-04	AI17-01	IC1035W	NA	NA
LCD1W	IC1035WC	2.00	1	NA	0.200	0.0500	09/14/1012:22	NA	AI17-05	AI17-01	IC1035W	NA	NA
MW-70-28-A10	1193-01	ND	5	NA	1.00	0.250	09/14/1018:33	NA	AI17-28	AI17-25	IC1035W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	ND	5	NA	1.00	0.250	09/14/1019:22	NA	AI17-31	AI17-25	IC1035W	09/13/1010:10	09/14/10

0006

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : 1130

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1035WB	ND	1	NA	0.500	0.250	09/14/1011:49	NA	AC17-03	AE17-01	IC1035W	NA	NA
LCS1W	IC1035WL	4.78	1	NA	0.500	0.250	09/14/1012:06	NA	AC17-04	AE17-01	IC1035W	NA	NA
LCD1W	IC1035WC	4.77	1	NA	0.500	0.250	09/14/1012:22	NA	AC17-05	AE17-01	IC1035W	NA	NA
MW-70-28-A10	I193-01	336	100	NA	50.0	25.0	09/14/1018:50	NA	AC17-29	A117-25	IC1035W	09/13/1009:37	09/14/10
MW-70-27-A10	I193-02	1360	100	NA	50.0	25.0	09/14/1019:38	NA	A117-32	A117-25	IC1035W	09/13/1010:10	09/14/10

QC SUMMARIES

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	IC1035WB	IC1035WL	IC1035WC		
LAB FILE ID:	AC17-03	AI17-04	AC17-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1011:49	09/14/1012:06	09/14/1012:22	DATE RECEIVED:	NA
PREP. BATCH:	IC1035W	IC1035W	IC1035W		
CALIB. REF:	AC17-C1	AI17-01	AC17-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	4.99	100	5.00	4.97	99	0	90-110	20

6028

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 105193
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	IC1C35WB	IC1C35WC	IC1C35WC		
LAB FILE ID:	A117-03	A117-04	A117-05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/14/1011:49	09/14/1012:06	09/14/1012:22	DATE RECEIVED:	NA
PREP. BATCH:	IC1C35W	IC1C35W	IC1C35W		
CALIB. REF:	A117-01	A117-01	A117-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.90	98	5.00	4.91	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: IC1035WB IC1035WL IC1035WC
LAB FILE ID: AI17-03 AI17-04 AI17-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/1011:49 09/14/1012:06 09/14/1012:22 DATE RECEIVED: NA
PREP. BATCH: IC1035W IC1035W IC1035W
CALIB. REF: AI17-01 AI17-01 AI17-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.90	95	2.00	1.89	95	0	90-110	20

8011

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 101193
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1035WB IC1035WL IC1035WC
LAB FILE ID: A117-03 A117-04 A117-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/10 1:49 09/14/10 12:06 09/14/10 12:22 DATE RECEIVED: NA
PREP. BATCH: IC1035W IC1035W IC1035W
CALIB. REF: A117-01 A117-01 A117-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.00	100	2.00	2.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70,
BATCH NO.: 101193
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: 1C1035WB 1C1035WL 1C1035WC
LAB FILE ID: A117-03 A117-04 A117-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/14/1011:49 09/14/1012:06 09/14/1012:22 DATE RECEIVED: NA
PREP. BATCH: 1C1035W 1C1035W 1C1035W
CALIB. REF: A117-01 A117-01 A117-01

ACCESSION:

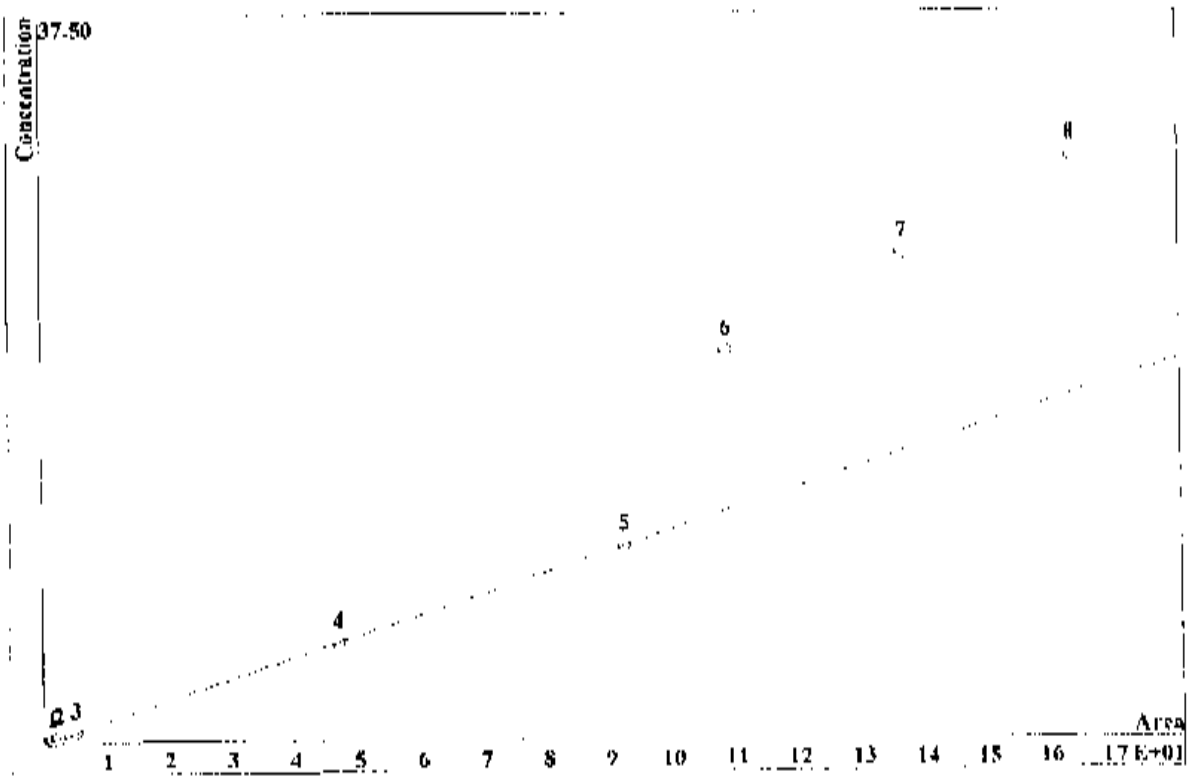
PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.78	96	5.00	4.77	95	0	90-110	20

0013

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100-I01.mtw
Equation: Q = 0.108366·A + 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



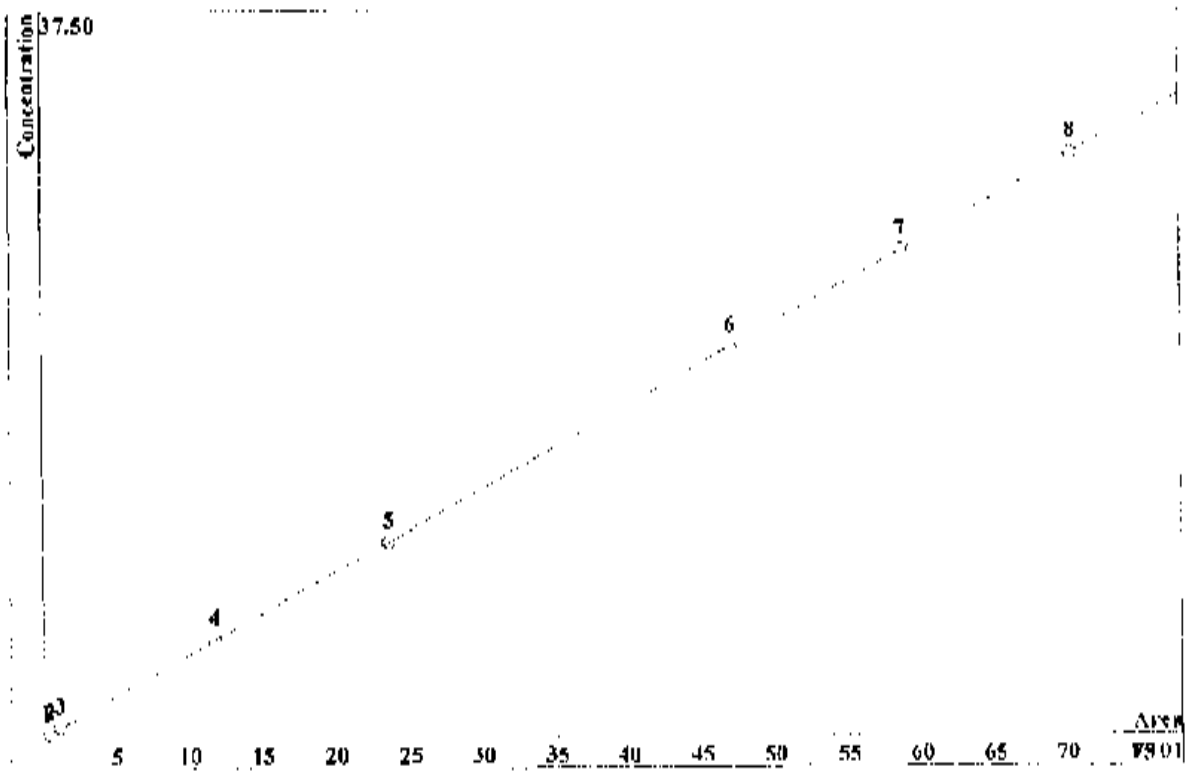
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.463	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

AA
9/10/10

CALIBRATION OF COMPONENT chloride

Method: IC100-I01.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



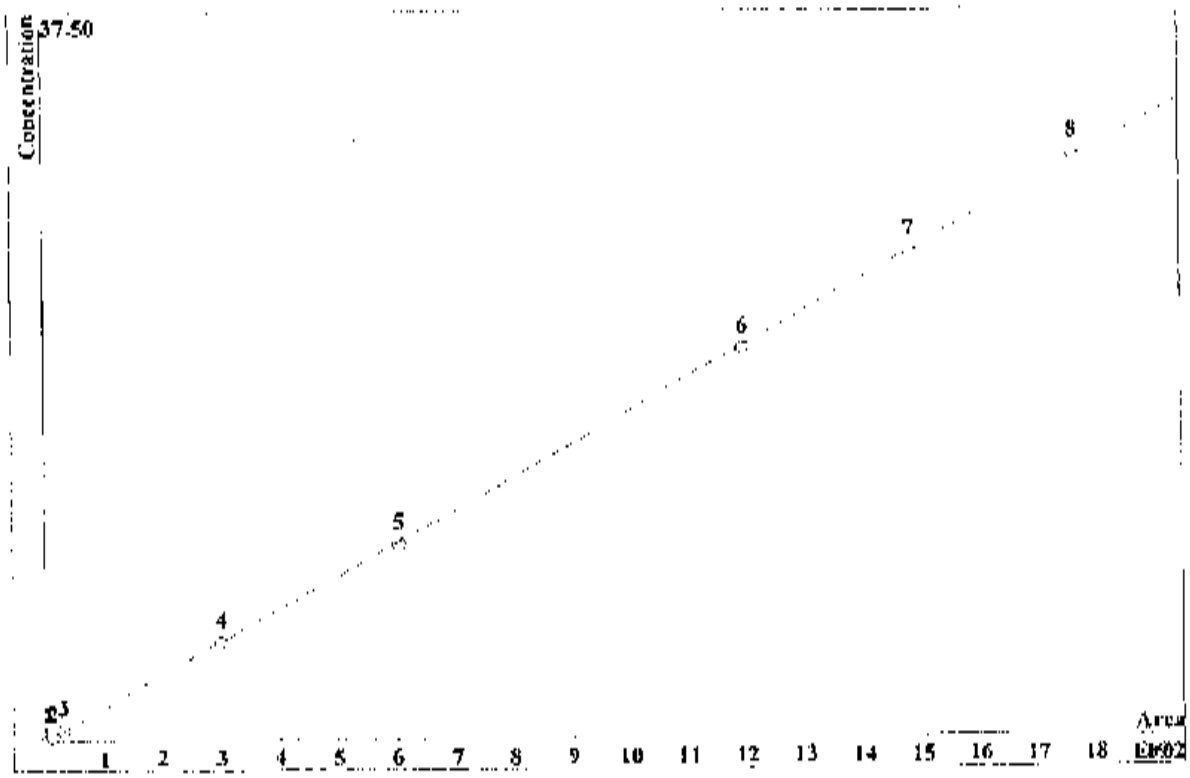
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AB
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: TC100-T01.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

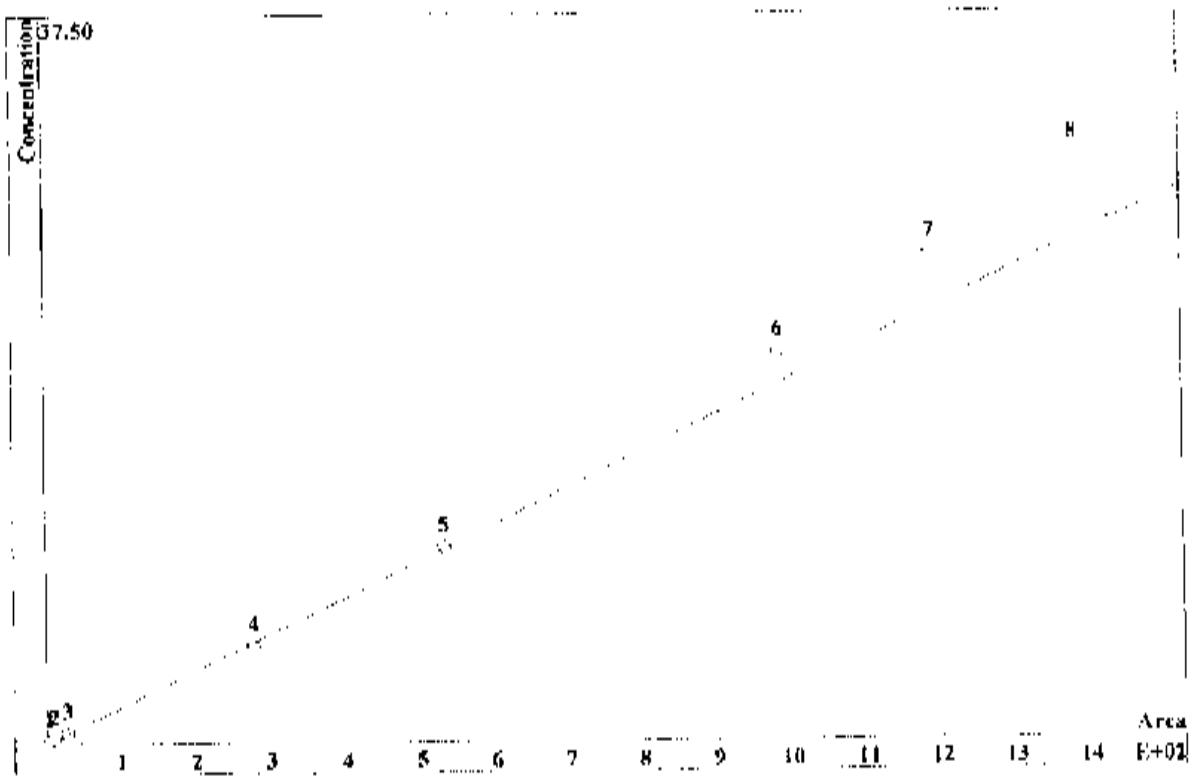
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011536.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RA
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-I01.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

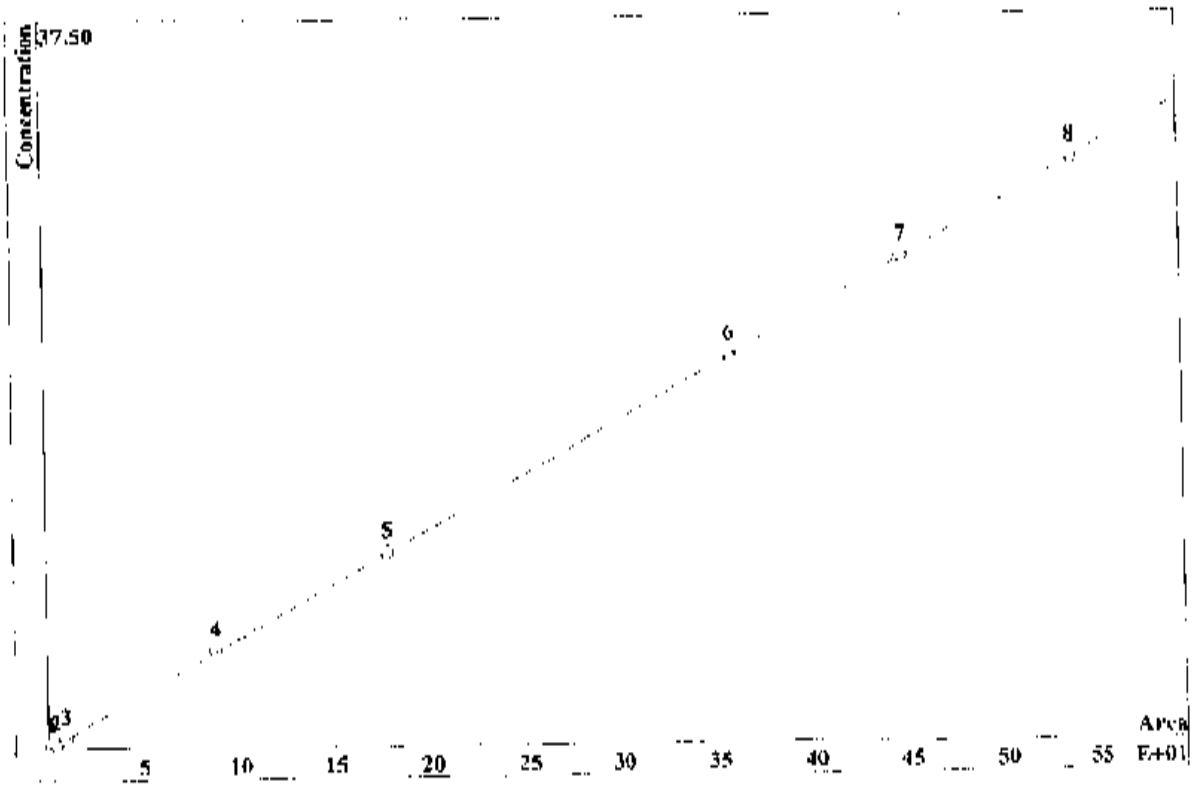
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AB
01/08/10

CALIBRATION OF COMPONENT sulfate

Method: IC100-I01.mtw
Equation: O = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011530.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

RS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AI01-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
AI01-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
AI01-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

RS
9/2/10

DAILY CALIBRATION

IC Result Check formVersion : 101/AI01

LFID	LSID	Selection	bromide	chloride	fluoride	nitrite	nitrate	phosphate	sulfate	RawNetID	DF
AI17 01	CCV123	BCFINPS	101%	98.5%	103.3%	99.9%	93%	99%	94.8%	u9141117	1
AI17-02	CCB123	BCFINPS	0	0	0	0	0	0	0	u9141133	1
AI17-13	CCV125	BCFINPS	101.9%	98.3%	103.1%	99.9%	93.2%	99.8%	95.3%	u9141431	1
AI17-14	CCB125	BCFINPS	0	0	0	0	0	0	0	u9141447	1
AI17-25	CCV127	BCFINPS	101.1%	98.1%	102.7%	99.8%	93%	98.3%	94.8%	u9141745	1
AI17 26	CCB127	BCFINPS	0	0	0	0	0	0	0	u9141801	1
AI17-34	CCV129	BCFINPS	101.9%	98.7%	103.3%	100.3%	93.4%	102.5%	95.1%	u9142010	1
AI17 35	CCB129	BCFINPS	0	0	0	0	0	0	0	u9142027	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm

S2 — 0.2 ppm

S3 — 0.5 ppm

S4 — 5.0 ppm

S5 — 10.0 ppm

S6 — 20.0 ppm

S7 — 25.0 ppm

S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓

Cl^- — 30 ppm

NO_3N — 10 ppm ✓

Br^- — 10 ppm ✓

NO_3N — 30 ppm

PO_4P — 10 ppm ✓

SO_4^{2-} — 30 ppm

IC Eluent:

SW4-01-173 (560mM Na_2CO_3/100 mM $NaHCO_3$) 20mL

SW4-01-172 (100 mM $NaHCO_3$) 1L

IC Regenerant:

SW4-01-[illegible] (1000 mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100-201.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-16-6-2
ICV	SI18-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 7/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible].chrm	IC100-101.mm	[illegible]	[illegible]	1.0	1.0	1.0	100.0	0		
[illegible].chrm	IC100-101.mm	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible].chrm	IC100-101.mm	[illegible]	3	1.0	1.0	1.0	100.0	1		
[illegible].chrm	IC100-101.mm	[illegible]	4	1.0	1.0	1.0	100.0	2		
[illegible].chrm	IC100-101.mm	[illegible]	5	1.0	1.0	1.0	100.0	3		
[illegible].chrm	IC100-101.mm	[illegible]	6	1.0	1.0	1.0	100.0	4		
[illegible].chrm	IC100-101.mm	[illegible]	7	1.0	1.0	1.0	100.0	5		
[illegible].chrm	IC100-101.mm	[illegible]	8	1.0	1.0	1.0	100.0	6		
[illegible].chrm	IC100-101.mm	[illegible]	9	1.0	1.0	1.0	100.0	7		
[illegible].chrm	IC100-101.mm	[illegible]	10	1.0	1.0	1.0	100.0	8		
[illegible].chrm	IC100-101.mm	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible].chrm	IC100-101.mm	[illegible]	12	1.0	1.0	1.0	100.0	0		

FINAL

8025

01/08/10

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	AI17
Method File:	IC100-101.mtw
Analytical Batch:	IC10956W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI10 - 15 - 6 - 2
ICV	↓ -3
CCV	SI10 - 15 - 12 - 2
LCS	SI10 - 15 - 12 - 1
MS	Anion Spike NO_2^-, NO_3^- (2ppm) Cl^-, Br^-, PO_4^{3-}, SO_4^{2-} (10ppm)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SW4-01-173 (320mM Na_2CO_3 / 100mM $NaHCO_3$) 20mL

SW4-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SW4-01-190 (1000mM H_2SO_4)

Date: 9/14/10

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	100.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		

J. 9/15/14

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of two (2) water samples were received on 09/14/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI016WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EVAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	20.5	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	20.5	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-26-A10	1193-01	10.2	1	NA	1.00	0.500	09/17/1019:42	NA	H116028	H116022	HC1016W	09/13/1039:37	09/14/10
MW-70-27-A10	1193-02	ND	1	NA	1.00	0.500	09/17/1020:48	NA	H116029	H116022	HC1016W	09/13/1010:10	09/14/10

METHOD 300.0(N)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1D1193

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HI16003	HI16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.3	1	NA	1.00	0.500	09/16/1020:28	NA	HI16004	HI16001	HC1016W	NA	NA
LCD1W	HC1016WC	19.3	1	NA	1.00	0.500	09/16/1020:49	NA	HI16005	HI16001	HC1016W	NA	NA
MW-70-28-A10	1193-01	ND	1	NA	1.00	0.500	09/17/1019:42	NA	HI16028	HI16022	HC1016W	09/13/1009:37	09/14/1C
MW-70-27-A10	1193-02	ND	1	NA	1.00	0.500	09/17/1020:48	NA	HI16029	HI16022	HC1016W	09/13/1010:10	09/14/1C

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : 1136

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/16/1020:07	NA	HC16003	HC16001	HC1016W	NA	NA
LCS1W	HC1016WL	19.6	1	NA	1.00	0.500	09/16/1020:28	NA	HC16004	HC16001	HC1016W	NA	NA
LCD1W	HC1016WC	19.6	1	NA	1.00	0.500	09/16/1020:49	NA	HC16005	HC16001	HC1016W	NA	NA
MW-70-28-A1C	1193-01	ND	1	NA	1.00	0.500	09/17/1019:42	NA	HC16028	HC16022	HC1016W	09/13/1039:37	09/14/10
MW-70-27-A1G	1193-02	ND	1	NA	1.00	0.500	09/17/1020:48	NA	HC16029	HC16022	HC1016W	09/13/1010:10	09/14/10

8033

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10193

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1016WB	ND	1	NA	1.00	0.500	09/15/1020:07	NA	H116003	H116001	HC1016W	NA	NA
LCS1W	HC1016WL	23.2	1	NA	1.00	0.500	09/16/1020:28	NA	H116004	H116001	HC1016W	NA	NA
LCD1W	HC1016WC	20.2	1	NA	1.00	0.500	09/16/1020:49	NA	H116005	H116001	HC1016W	NA	NA
MW-70-28-A10	1193-01	ND	1	NA	1.00	0.500	09/17/1019:42	NA	H116028	H116022	HC1016W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	ND	1	NA	1.00	0.500	09/17/1020:48	NA	H116029	H116022	HC1016W	09/13/1010:10	09/14/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101193
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKIW				
LAB SAMP ID:	HC1016MB	HC1016ML	HC1016MC		
LAB FILE ID:	H116C03	H116D04	H116C05		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	H116001	H116001	H116D31		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CA SITE 70.
BATCH NO.: 101193
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1016WB	HC1016WL	HC1016WC		
LAB FILE ID:	H116003	H116004	H116005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/16/1020:07	09/16/1020:28	09/16/1020:49	DATE RECEIVED:	NA
PREP. BATCH:	HC1016W	HC1016W	HC1016W		
CALIB. REF:	H116001	H116001	H116001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.3	96	20.0	19.3	96	0	90-110	20

EPAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016W3 HC1016WL HC1016WC
LAB FILE ID: H116003 H115004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.6	98	20.0	19.6	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1016WB HC1016WL HC1016WC
LAB FILE ID: H116003 H116004 H116005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1020:07 09/16/1020:28 09/16/1020:49 DATE RECEIVED: NA
PREP. BATCH: HC1016W HC1016W HC1016W
CALIB. REF: H116001 H116001 H116001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

6039

INITIAL CALIBRATION

IC SEQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13001	IB	ABLPY	OA106I13	09/13/1014:56	1
HI13002	S-0	ABLPY	OA106I13	09/13/1016:57	1
HI13003	S-1	ABLPY	OA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106I13	09/13/1017:58	1
HI13007	S-5	ABLPY	OA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106I13	09/13/1019:01	1

9/13/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

9/13/10

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004621	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/15/10

DAILY CALIBRATION

JC RESULT FORM CalVersion: 300M.113/H113(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI16001	CCV14	ABLPY	104%	96.8%	100%	102%	100%	09/16/1019:25	1
HI16002	CCB14	ABLPY	ND	ND	ND	ND	ND	09/16/1019:46	1
HI16003	HCID16WB	ABLPY	ND	ND	ND	ND	ND	09/16/1020:07	1
HI16004	HCID16WL	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:28	1
HI16005	HCID16WC	ABLPY	2.05	1.93	1.96	2.02	1.99	09/16/1020:49	1
HI16006	1066-01	**L*Y	30.9E	5.77E	ND	30.3E	ND	09/16/1021:10	1
HI16007	1066-02	**L*Y	30.7E	5.06E	ND	30.2E	ND	09/16/1022:16	1
HI16008	1066-03	*BLPY	10.2E	.377	ND	.932	ND	09/16/1023:22	1
HI16009	1066-04	ABLPY	ND	ND	ND	ND	ND	09/17/1000:28	1
HI16010	1066-05	ABLPY	ND	ND	ND	ND	ND	09/17/1001:34	1
HI16011	1066-06	ABLPY	2.51	ND	ND	ND	ND	09/17/1002:40	1
HI16012	CCV16	ABLPY	107%	100%	102%	104%	102%	09/17/1003:46	1
HI16013	CCB16	ABLPY	ND	ND	ND	ND	ND	09/17/1004:28	1
HI16014	1075-01	ABLPY	ND	ND	ND	ND	ND	09/17/1004:49	1
HI16015	1075-02	ABLPY	ND	ND	ND	ND	ND	09/17/1005:54	1
HI16016	1075-02D	ABLPY	ND	ND	ND	ND	ND	09/17/1007:00	1
HI16017	1075-02M	ABLPY	2.05	2.02	2	2.02	1.97	09/17/1008:06	1
HI16018	1091-01	ABLPY	ND	ND	ND	ND	ND	09/17/1009:12	1
HI16019	1091-02	ABLPY	.035	ND	ND	ND	ND	09/17/1010:18	1
HI16020	1091-03	ABLPY	1.88	ND	ND	1.53	ND	09/17/1011:24	1
HI16021	1091-04	ABLPY	ND	ND	ND	ND	ND	09/17/1012:30	1
HI16022	CCV18	ABLPY	106%	99%	103%	104%	104%	09/17/1014:16	1
HI16023	CCB18	ABLPY	ND	ND	ND	ND	ND	09/17/1014:58	1
HI16024	1148-01	ABLPY	.074	ND	ND	ND	ND	09/17/1015:19	1
HI16025	1148-02	ABLPY	.02	ND	ND	ND	ND	09/17/1016:24	1
HI16026	1148-03	ABLPY	.006	ND	ND	ND	ND	09/17/1017:30	1
HI16027	1148-04	ABLPY	ND	ND	ND	ND	ND	09/17/1018:36	1
HI16028	1193-01	ABLPY	1.02	ND	ND	ND	ND	09/17/1019:42	1
HI16029	1193-02	ABLPY	ND	ND	ND	ND	ND	09/17/1020:48	1
HI16030	CCV20	ABLPY	102%	95.1%	99.6%	98%	105%	09/17/1021:54	1
HI16031	CCB20	ABLPY	ND	ND	ND	ND	ND	09/17/1022:15	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Wn014 : 5009A-03-03

HC3016W: 5006, I015, I041, I148, I163

Book #: A106-008

Instrument No.: 106

Analytical Sequence: W116

Method File: OA106I03

Analytical Batch: HC3016W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	5W12A-02-215
ICV	-216
CCV	-213
LCS	-214
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By:

Date: 9/16/10

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	D.. Factor
1	HI16		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI16		S-C	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI16		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI16		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI16		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI16		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI16		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI16		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI16		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI16	001	CCV14	Unknown	99	25.0	ORG	OA106I13	Finished	9/16/2010 7:25:53 PM	1.0000
11	HI16	002	CCB14	Unknown	98	25.0	ORG	OA106I13	Finished	9/16/2010 7:46:52 PM	1.0000
12	HI16	003	HCI016WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/16/2010 8:07:51 PM	1.0000
13	HI16	004	HCI016WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/16/2010 8:28:49 PM	1.0000
14	HI16	005	HCI016WC	Unknown	95	25.0	ORG	OA106I13	Finished	9/16/2010 8:49:48 PM	1.0000
15	HI16	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 9:10:47 PM	1.0000
16	HI16	007	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 10:16:41 PM	1.0000
17	HI16	008	I066-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/16/2010 11:22:34 PM	1.0000
18	HI16	009	I066-04	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:28:27 AM	1.0000
19	HI16	010	I066-05	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 1:34:21 AM	1.0000
20	HI16	011	I066-06	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 2:40:14 AM	1.0000
21	HI16	012	CCV16	Unknown	99	25.0	ORG	OA106I13	Finished	9/17/2010 3:46:08 AM	1.0000
22	HI16	013	CCB16	Unknown	98	25.0	ORG	OA106I13	Finished	9/17/2010 4:28:05 AM	1.0000
23	HI16	014	I075-01	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:49:04 AM	1.0000
24	HI16	015	I075-02	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:54:57 AM	1.0000
25	HI16	016	I075-02D	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:00:51 AM	1.0000
26	HI16	017	I075-02M	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:06:45 AM	1.0000
27	HI16	018	I091-01	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 9:12:38 AM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Printed: 9/28/2010 12:30:12 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3SB3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/18/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
1	HI16	
2	HI16	
3	HI16	
4	HI16	
5	HI16	
6	HI16	
7	HI16	
8	HI16	
9	HI16	
10	HI16	
11	HI16	
12	HI16	
13	HI16	
14	HI16	
15	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI16	
22	HI16	
23	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid:2010
Timebase: ICS1000
#Samples: 40

Created: 9/15/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI16	019	I091-02	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 10:18:32 AM	1.0000
29	HI16	020	I091-03	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 11:24:25 AM	1.0000
30	HI16	021	I091-04	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 12:30:19 PM	1.0000
31	HI16	022	CCV18	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 2:16:06 PM	1.0000
32	HI16	023	CCB18	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 2:58:03 PM	1.0000
33	HI16	024	I148-01	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 3:19:02 PM	1.0000
34	HI16	025	I148-02	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 4:24:57 PM	1.0000
35	HI16	026	I148-03	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 5:30:51 PM	1.0000
36	HI16	027	I148-04	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 6:36:45 PM	1.0000
37	HI16	028	I193-01	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 7:42:38 PM	1.0000
38	HI16	029	I193-02	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	9/17/2010 8:48:32 PM	1.0000
39	HI16	030	CCV20	Unknown	95	25.0	ORG	OA106I13	Finished	9/17/2010 9:54:25 PM	1.0000
40	HI16	031	CCB20	Unknown	94	25.0	ORG	OA106I13	Finished	9/17/2010 10:15:24 PM	1.0000

FINAL

Sequence: HI16
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 40

Created: 9/16/2010 3:34:37 PM by cmadmin
Last Update: 9/27/2010 11:55:57 AM by cmadmin

No.	Sequence	Comment
28	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI16	
32	HI16	
33	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
37	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
38	HI16	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
39	HI16	
40	HI16	

25 of 52

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.OH : SW24-03-013

Book #: A106-009

Instrument No.: 106

Analytical Sequence: H313

Method File: 04106313

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX 300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: al

Date: 4/13/03

Sequence: HI13
Operator: cmadrid

Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadrid
Last Update: 9/14/2010 5:18:34 PM by cmadrid

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	CB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD 2320B
TOTAL ALKALINITY

A total of two (2) water samples were received on 09/14/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for ALI013WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CA SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ALI013WB	ND	1	NA	5.00	1.00	09/22/1018:38	NA	10E5104027	NA	ALI013W	NA	NA
LCS1W	ALI013WA	573	1	NA	5.00	1.00	09/22/1018:51	NA	10E5104028	NA	ALI013W	NA	NA
LCD1W	ALI013WC	571	1	NA	5.00	1.00	09/22/1019:01	NA	10E5104029	NA	ALI013W	NA	NA
MW-70-28-A10	1193-01	1260	1	NA	5.00	1.00	09/22/1020:23	NA	10E5104037	NA	ALI013W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	1190	1	NA	5.00	1.00	09/22/1020:38	NA	10E5104038	NA	ALI013W	09/13/1010:10	09/14/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 2320B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	AL1013WB	AL1013WL	AL1013WC		
LAB FILE ID:	10E5104027	10E5104028	10E5104029		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/22/1018:38	09/22/1018:51	09/22/1019:01	DATE RECEIVED:	NA
PREP. BATCH:	AL1013W	AL1013W	AL1013W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	573	100	576	571	99	0	80-120	20

8057

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method SM2320 for SDG's: I193, I832, I838, I246

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I04

Analytical Sequence: ALI012; ALI013; ALI014

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-258	576
MS/MSD NA	NA
ICV NA	NA
0.02N HCL SWR1-01-254	0.02

pH Buffer	ID
pH 4	SW1-01-257
pH 7	SW1-01-263
pH 10	SW1-01-251
pH Check	SW1-01-262

Analyzed By: RC

Date: 9/22/10

8658

Report Date: 09/23/2010 : 1:15 AM

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I04	09/22/2010	3:23 PM	7.96	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I04	09/22/2010	3:30 PM	6.43	.00	.05	.08	.00	.98	.98	.00	.00	
3	ALI012WB	10E5I04	09/22/2010	3:35 PM	5.47	.00	.03	.05	.00	.08	.08	.00	.00	
4	ALI012WL	10E5I04	09/22/2010	3:46 PM	8.94	8.32	14.57	-1.00	332.85	582.81	.00	499.92	82.89	
5	ALI012WC	10E5I04	09/22/2010	3:59 PM	8.94	8.27	14.52	-1.00	330.79	583.20	.00	504.83	78.38	
6	I152-08	10E5I04	09/22/2010	4:04 PM	6.13	.00	.32	.35	.00	11.43	11.43	.00	.00	
7	I152-09	10E5I04	09/22/2010	4:10 PM	6.10	.00	.39	.43	.00	14.55	14.55	.00	.00	
8	I152-13	10E5I04	09/22/2010	4:16 PM	6.24	.00	.67	-1.00	.00	26.88	26.88	.00	.00	
9	I152-15	10E5I04	09/22/2010	4:22 PM	6.11	.00	.27	.30	.00	9.58	9.58	.00	.00	
10	I152-16	10E5I04	09/22/2010	4:28 PM	6.23	.00	.28	.31	.00	10.03	10.03	.00	.00	
11	I152-17	10E5I04	09/22/2010	4:34 PM	6.26	.00	.26	.29	.00	8.98	8.98	.00	.00	
12	I153-16	10E5I04	09/22/2010	4:40 PM	6.44	.00	.35	.38	.00	12.53	12.53	.00	.00	
13	I153-18	10E5I04	09/22/2010	4:46 PM	6.34	.00	.44	.47	.00	16.21	16.21	.00	.00	
14	I188-03	10E5I04	09/22/2010	4:52 PM	5.84	.00	.09	.11	.00	2.62	2.62	.00	.00	
15	I188-03D	10E5I04	09/22/2010	4:59 PM	5.83	.00	.08	.11	.00	2.48	2.48	.00	.00	
16	I264-02	10E5I04	09/22/2010	5:04 PM	6.18	.00	1.62	-1.00	.00	72.65	72.65	.00	.00	
17	I264-03	10E5I04	09/22/2010	5:12 PM	7.21	.00	8.55	-1.00	.00	342.09	342.09	.00	.00	
18	I264-05	10E5I04	09/22/2010	5:18 PM	6.71	.00	3.31	-1.00	.00	132.49	132.49	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

pH AND ALKALINITY IN-RUN REPORT.SRV

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Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I264-07	10E5I04	09/22/2010	5:27 PM	6.96	.00	7.61	-1.00	.00	304.58	304.58	.00	.00	
20	I264-08	10E5I04	09/22/2010	5:36 PM	6.94	.00	16.49	-1.00	.00	659.73	659.73	.00	.00	
21	I264-09	10E5I04	09/22/2010	5:45 PM	7.06	.00	7.77	-1.00	.00	310.88	310.88	.00	.00	
22	I264-10	10E5I04	09/22/2010	5:52 PM	7.02	.00	7.85	-1.00	.00	314.08	314.08	.00	.00	
23	I265-02	10E5I04	09/22/2010	6:00 PM	7.43	.00	10.65	-1.00	.00	426.13	426.13	.00	.00	
24	I265-07	10E5I04	09/22/2010	6:21 PM	6.92	.00	44.90	-1.00	.00	1,796.13	1,796.13	.00	.00	
25	I265-08	10E5I04	09/22/2010	6:26 PM	6.08	.00	.07	.11	.00	1.34	1.34	.00	.00	
26	RINSE	10E5I04	09/22/2010	6:33 PM	5.38	.00	.03	.08	.00	-.31	-.31	.00	.00	
27	ALI013WB	10E5I04	09/22/2010	5:38 PM	5.29	.00	.02	.05	.00	-.18	-.18	.00	.00	
28	ALI013WL	10E5I04	09/22/2010	6:51 PM	9.04	9.23	14.34	-1.00	369.36	573.48	.00	408.20	165.26	
29	ALI013WC	10E5I04	09/22/2010	7:01 PM	9.03	9.15	14.28	-1.00	365.91	571.21	.00	410.61	160.60	
30	I162-05	10E5I04	09/22/2010	7:11 PM	7.80	.00	11.66	-1.00	.00	466.27	466.27	.00	.00	
31	I162-05D	10E5I04	09/22/2010	7:20 PM	7.83	.00	11.68	-1.00	.00	467.24	467.24	.00	.00	
32	I162-09	10E5I04	09/22/2010	7:30 PM	8.11	.00	10.40	-1.00	.00	415.94	415.94	.00	.00	
33	I162-10	10E5I04	09/22/2010	7:39 PM	8.54	.61	13.94	-1.00	24.50	557.43	508.42	49.00	.00	
34	I162-18	10E5I04	09/22/2010	7:48 PM	8.68	.72	11.01	-1.00	28.63	440.33	383.08	57.25	.00	
35	I162-19	10E5I04	09/22/2010	7:57 PM	8.10	.00	10.74	-1.00	.00	429.75	429.75	.00	.00	
36	I173-02	10E5I04	09/22/2010	8:07 PM	7.73	.00	9.27	-1.00	.00	370.84	370.84	.00	.00	
37	I193-01	10E5I04	09/22/2010	8:23 PM	7.29	.00	31.38	-1.00	.00	1,255.26	1,255.26	.00	.00	
38	I193-02	10E5I04	09/22/2010	8:38 PM	7.29	.00	29.77	-1.00	.00	1,190.66	1,190.66	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SR

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Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I244-02	10E5I04	09/22/2010	6:46 PM	7.41	.00	6.42	-1.00	.00	336.87	336.87	.00	.00	
40	I244-03	10E5I04	09/22/2010	6:54 PM	7.70	.00	5.47	-1.00	.00	218.76	218.76	.00	.00	
41	I244-04	10E5I04	09/22/2010	9:06 PM	7.40	.00	21.07	-1.00	.00	842.63	842.63	.00	.00	
42	I244-05	10E5I04	09/22/2010	9:13 PM	7.49	.00	5.09	-1.00	.00	203.57	203.57	.00	.00	
43	I270-02	10E5I04	09/22/2010	9:22 PM	7.74	.00	11.17	-1.00	.00	446.64	446.64	.00	.00	
44	I270-03	10E5I04	09/22/2010	9:29 PM	7.39	.00	4.92	-1.00	.00	196.84	196.84	.00	.00	
45	I270-04	10E5I04	09/22/2010	9:37 PM	7.64	.00	5.73	-1.00	.00	229.07	229.07	.00	.00	
46	I270-07	10E5I04	09/22/2010	9:48 PM	7.89	.00	19.20	-1.00	.00	768.10	768.10	.00	.00	
47	I270-08	10E5I04	09/22/2010	9:57 PM	7.62	.00	8.12	-1.00	.00	324.69	324.69	.00	.00	
48	I632-01	10E5I04	09/22/2010	10:05 PM	7.93	.00	4.61	-1.00	.00	184.59	184.59	.00	.00	
49	I838-01	10E5I04	09/22/2010	10:12 PM	7.83	.00	4.07	-1.00	.00	162.77	162.77	.00	.00	
50	I838-02	10E5I04	09/22/2010	10:19 PM	7.81	.00	4.10	-1.00	.00	163.97	163.97	.00	.00	
51	R NSE	10E5I04	09/22/2010	10:25 PM	6.00	.00	.04	.08	.00	.09	.09	.00	.00	
52	ALI014WB	10E5I04	09/22/2010	10:31 PM	5.60	.00	.03	.07	.00	-.14	-.14	.00	.00	
53	ALI014WL	10E5I04	09/22/2010	10:43 PM	9.08	9.60	14.37	-1.00	384.02	574.66	.00	381.70	193.17	
54	ALI014WC	10E5I04	09/22/2010	10:54 PM	9.07	9.54	14.38	-1.00	381.49	575.17	.00	387.34	187.82	
55	I246-01	10E5I04	09/22/2010	11:07 PM	7.06	.00	18.70	-1.00	.00	748.05	748.05	.00	.00	
56	I246-02	10E5I04	09/22/2010	11:14 PM	8.03	.00	4.42	-1.00	.00	176.91	176.91	.00	.00	
57	I246-02D	10E5I04	09/22/2010	11:22 PM	8.02	.00	4.46	-1.00	.00	177.82	177.82	.00	.00	
58	I246-03	10E5I04	09/22/2010	11:30 PM	8.01	.00	4.89	-1.00	.00	195.67	195.67	.00	.00	

Analyzed by: RC

Reviewed by: RC Date: 9/23/10

pH AND ALKALINITY IN-RUN REPORT.SR

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Run Number 474 **Analytical Batch#** **10E5I04**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I246-04	10E5I04	09/22/2010	11:37 PM	8.02	.00	4.90	-1.00	.00	196.02	196.02	.00	.00	
60	I246-05	10E5I04	09/22/2010	11:44 PM	7.78	.00	4.64	-1.00	.00	185.67	185.67	.00	.00	
61	I246-06	10E5I04	09/22/2010	11:53 PM	7.47	.00	9.33	-1.00	.00	373.17	373.17	.00	.00	
62	I246-07	10E5I04	09/23/2010	12:01 AM	7.53	.00	9.29	-1.00	.00	371.58	371.58	.00	.00	
63	I240-02	10E5I04	09/23/2010	12:14 AM	7.29	.00	21.22	-1.00	.00	848.96	848.96	.00	.00	
64	I240-03	10E5I04	09/23/2010	12:23 AM	7.54	.00	15.32	-1.00	.00	612.90	612.90	.00	.00	
65	I240-04	10E5I04	09/23/2010	12:33 AM	7.73	.00	10.23	-1.00	.00	409.21	409.21	.00	.00	
66	I240-04D	10E5I04	09/23/2010	12:41 AM	7.73	.00	10.22	-1.00	.00	408.74	408.74	.00	.00	
67	I240-05	10E5I04	09/23/2010	12:51 AM	7.68	.00	10.26	-1.00	.00	410.26	410.26	.00	.00	
68	I240-07	10E5I04	09/23/2010	12:58 AM	6.97	.00	9.40	-1.00	.00	376.10	376.10	.00	.00	
69	I240-09	10E5I04	09/23/2010	1:05 AM	6.99	.00	9.76	-1.00	.00	390.26	390.26	.00	.00	
70	RINSE	10E5I04	09/23/2010	1:12 AM	5.64	.00	.04	.08	.00	.11	.11	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

PC-TitrationPLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRV

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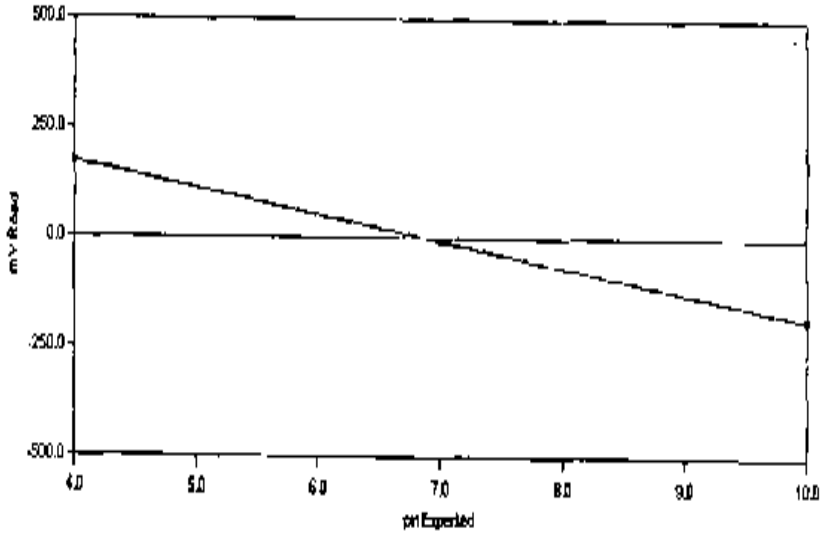
PC-TitratION PLUS
Calibration Report

Calibration Record # 212



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/22/2010
Channel	1	Time	3:21 PM
Probe Type	pH	Temperature	296.98 K 23.83 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.407	CorrCoeff	1.0000
Intercept	-6.470	Equation: Y = (-59.407) X + (-6.470)	

Calibration Validity True

Operator

	Result	Minimum	Maximum
Slope	-59.407	-65.00	-53.00
Intercept	-6.470	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	172.36
	7.00	-7.69
	10.00	184.08

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PC-Titrate For Windows

Running List Report

Order Number - 10E5I04

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI012WB	6	.00	25.00
5	PH-ALK	ALI012WL	7	.00	25.00
6	PH-ALK	ALI012WC	8	.00	25.00
7	PH-ALK	I152-08	9	.00	25.00
8	PH-ALK	I152-09	10	.00	25.00
9	PH-ALK	I152-13	11	.00	25.00
10	PH-ALK	I152-15	12	.00	25.00
11	PH-ALK	I152-16	13	.00	25.00
12	PH-ALK	I152-17	14	.00	25.00
13	PH-ALK	I153-16	15	.00	25.00
14	PH-ALK	I153-18	16	.00	25.00
15	PH-ALK	I188-03	17	.00	25.00
16	PH-ALK	I188-03D	18	.00	25.00
17	PH-ALK	I264-02	19	.00	25.00
18	PH-ALK	I264-03	20	.00	25.00
19	PH-ALK	I264-05	21	.00	25.00
20	PH-ALK	I264-07	22	.00	25.00
21	PH-ALK	I264-08	23	.00	25.00
22	PH-ALK	I264-09	24	.00	25.00
23	PH-ALK	I264-10	25	.00	25.00
24	PH-ALK	I265-02	26	.00	25.00
25	PH-ALK	I265-07	27	.00	25.00
26	PH-ALK	I265-08	28	.00	25.00
27	PH-ALK	RINSE	29	.00	25.00
28	PH-ALK	ALI013WB	30	.00	25.00
29	PH-ALK	ALI013WL	31	.00	25.00
30	PH-ALK	ALI013WC	32	.00	25.00
31	PH-ALK	I162-05	33	.00	25.00
32	PH-ALK	I162-05D	34	.00	25.00
33	PH-ALK	I162-09	35	.00	25.00
34	PH-ALK	I162-10	36	.00	25.00
35	PH-ALK	I162-18	37	.00	25.00
36	PH-ALK	I162-19	38	.00	25.00
37	PH-ALK	I173-02	39	.00	25.00
38	PH-ALK	I193-01	40	.00	25.00
39	PH-ALK	I193-02	41	.00	25.00
40	PH-ALK	I244-02	42	.00	25.00

PC-TitratION PLUS by Man-Tech Associates, Inc.

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Running List Report

Order Number - 10E5I04

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I244-03	43	.00	25.00
42	PH-ALK	I244-04	44	.00	25.00
43	PH-ALK	I244-05	45	.00	25.00
44	PH-ALK	I270-02	46	.00	25.00
45	PH-ALK	I270-03	47	.00	25.00
46	PH-ALK	I270-04	48	.00	25.00
47	PH-ALK	I270-07	49	.00	25.00
48	PH-ALK	I270-08	50	.00	25.00
49	PH-ALK	I832-01	51	.00	25.00
50	PH-ALK	I838-01	52	.00	25.00
51	PH-ALK	I838-02	53	.00	25.00
52	PH-ALK	RINSE	54	.00	25.00
53	PH-ALK	ALI014WB	55	.00	25.00
54	PH-ALK	ALI014WL	56	.00	25.00
55	PH-ALK	ALI014WC	57	.00	25.00
56	PH-ALK	I246-01	58	.00	25.00
57	PH-ALK	I246-02	59	.00	25.00
58	PH-ALK	I246-02D	60	.00	25.00
59	PH-ALK	I246-03	61	.00	25.00
60	PH-ALK	I246-04	62	.00	25.00
61	PH-ALK	I246-05	63	.00	25.00
62	PH-ALK	I246-06	64	.00	25.00
63	PH-ALK	I246-07	65	.00	25.00
64	PH-ALK	I240-02	66	.00	25.00
65	PH-ALK	I240-03	67	.00	25.00
66	PH-ALK	I240-04	68	.00	25.00
67	PH-ALK	I240-04D	69	.00	25.00
68	PH-ALK	I240-05	70	.00	25.00
69	PH-ALK	I240-07	71	.00	25.00
70	PH-ALK	I240-09	72	.00	25.00
71	PH-ALK	RINSE	73	.00	25.00

PC-TitratION PLUS by Man-Tech Associates, Inc.
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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of two (2) water samples were received on 09/14/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI008WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI008WB	ND	1	NA	20.0	5.00	09/15/1017:32	NA	TDI00801	NA	TDI008W	NA	NA
LCS1W	TDI008WL	995	1	NA	20.0	5.00	09/15/1017:32	NA	TDI00802	NA	TDI008W	NA	NA
LCD1W	TDI008WC	980	1	NA	20.0	5.00	09/15/1017:32	NA	TDI00803	NA	TDI008W	NA	NA
MW-7D-28-A10	I193-01	4060	1	NA	20.0	5.00	09/15/1017:32	NA	TDI00804	NA	TDI008W	09/13/1009:37	09/14/10
MW-7D-27-A10	I193-02	5650	1	NA	20.0	5.00	09/15/1017:32	NA	TDI00805	NA	TDI008W	09/13/1010:10	09/14/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, ERC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101193
METHOD: METHOD 2540C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKW				
LAB SAMP ID:	TD100802	TD100802	TD100802		
LAB FILE ID:	TD100801	TD100802	TD100803		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/15/10 17:32	09/15/10 17:32	09/15/10 17:32	DATE RECEIVED:	NA
PREP. BATCH:	TD100802	TD100802	TD100802		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	4D	1000	995	100	1000	980	98	2	80-120	20

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Sample I 148-04 for reanalysis: result was out of 10-200 mg solid range

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TDS002

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-266	1000

Analyzed By: RC/MMV

Date: 9-17-10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX

LABORATORIES

Instrument ID: 40706369 | Oven Temp IN (°C): 150 | Oven Temp OUT (°C): 150 | 105° | EMAX-2540C Rev 1

DATA FILE ID	Sample ID	Sample Aliquot (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg.	Difference 2nd & 3rd Dry Wt. Rdg. (<0.5mg)
TD0[illegible] 01	TD1004[illegible]	100	8	[illegible]	09/15/10	[illegible] 32	[illegible]	09/15/10	14:24	[illegible]	09/16/10	16:41	[illegible]	09/16/10	16:41	[illegible]	0.0
TD0[illegible] 02	TD1008WL	20	1	[illegible]	09/15/10	[illegible]	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	16:42	[illegible]	09/16/10	16:42	[illegible]	0.0
TD0[illegible] 03	TD1008VC	25	2	[illegible]	09/15/10	[illegible]	[illegible]	09/15/10	14:22	[illegible]	09/16/10	16:43	[illegible]	09/16/10	16:43	[illegible]	0.0
TD0[illegible] 04	1353-01	25	3	[illegible]	09/15/10	[illegible]	[illegible]	09/15/10	14:23	[illegible]	09/16/10	16:43	[illegible]	09/16/10	16:43	[illegible]	0.1
TD0[illegible] 05	1154-02	27	4	[illegible]	09/15/10	[illegible]	[illegible]	09/15/10	14:28	[illegible]	09/16/10	16:44	[illegible]	09/16/10	16:44	[illegible]	0.0
TD0[illegible] 06	1175-02	50	5	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	15:29	[illegible]	09/16/10	16:45	[illegible]	09/16/10	16:45	[illegible]	0.4
TD0[illegible] 07	1468-02	30	6	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:35	[illegible]	09/16/10	16:45	[illegible]	09/16/10	16:45	[illegible]	0.0
TD0[illegible] 08	1148-[illegible]	5	5	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:30	[illegible]	09/16/10	16:45	[illegible]	09/16/10	16:45	[illegible]	0.0
TD0[illegible] 09	1148-2D	5	6	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:30	[illegible]	09/16/10	16:45	[illegible]	09/16/10	16:45	[illegible]	0.0
TD0[illegible] 10	1145-30	20	7	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:31	[illegible]	09/16/10	16:46	[illegible]	09/16/10	16:46	[illegible]	0.0
TD0[illegible] 11	1148-01	20	8	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:31	[illegible]	09/16/10	16:47	[illegible]	09/16/10	16:47	[illegible]	0.0
TD0[illegible] 12	1145-04	50	9	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:33	[illegible]	09/16/10	16:48	[illegible]	09/16/10	16:48	[illegible]	0.0
TD0[illegible] 13	1162-05	20	10	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:33	[illegible]	09/16/10	16:48	[illegible]	09/16/10	16:48	[illegible]	0.0
TD0[illegible] 14	1167-05D	20	11	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:34	[illegible]	09/16/10	16:49	[illegible]	09/16/10	16:49	[illegible]	0.1
TD0[illegible] 15	1167-05	20	12	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:34	[illegible]	09/16/10	16:49	[illegible]	09/16/10	16:49	[illegible]	0.1
TD0[illegible] 16	1162-10	20	13	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:35	[illegible]	09/16/10	16:50	[illegible]	09/16/10	16:50	[illegible]	0.0
TD0[illegible] 17	1162-18	20	14	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:35	[illegible]	09/16/10	16:50	[illegible]	09/16/10	16:50	[illegible]	0.0
TD0[illegible] 18	1162-19	20	15	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:36	[illegible]	09/16/10	16:51	[illegible]	09/16/10	16:51	[illegible]	0.0
TD0[illegible] 19	1201-01	20	16	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:35	[illegible]	09/16/10	16:52	[illegible]	09/16/10	16:52	[illegible]	0.0
TD0[illegible] 20	1201-02	20	17	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:36	[illegible]	09/16/10	16:52	[illegible]	09/16/10	16:52	[illegible]	0.0
TD0[illegible] 21	1203-03	50	18	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	[illegible]	[illegible]	09/16/10	16:53	[illegible]	09/16/10	16:53	[illegible]	0.1
TD0[illegible] 22	1197-03	5	19	[illegible]	09/15/10	[illegible]	[illegible]	09/16/10	14:37	[illegible]	09/16/10	16:53	[illegible]	09/16/10	16:53	[illegible]	0.0

MDL 9/16/10

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/15/10	[illegible]	PASSED
100	99.9955	09/15/10	[illegible]	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/15/10	[illegible]	PASSED
100	99.9955	09/15/10	[illegible]	PASSED

Beginning Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/15/10	[illegible]	PASSED
100	99.9955	09/15/10	[illegible]	PASSED

Ending Balance Check

Std. Weight (g)	Balance Rdg (g)	Date	Time	Comments
1	0.9999	09/15/10	[illegible]	PASSED
100	99.9956	09/16/10	[illegible]	PASSED

LCS Conc. 100 mg/L | MDL 1 mg/L | RL 10 mg/L

Initial Reading by: [illegible]

Final Reading by: [illegible]

COMMENTS

Reviewed By: [illegible]

[illegible]

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TD1008 | Start Date/Time: 09/15/10 17:32 | Temp IN(°C) 180

Balance ID: 40706360 | End Date/Time: 09/16/10 16:53 | Temp Out(°C) 180

DATA FILE ID		Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TD1008	01	TD1008WB	180	72.6737	72.6737		ND	
TD1008	02	TD1008WL	20	13.2176	13.2375	19.9000	995	100
TD1008	03	TD1008WC	20	13.1574	13.177	19.6000	980	98
TD1008	04	1193-01	20	13.153	13.2343	81.3000	4060	
TD1008	05	1193-02	20	13.1934	13.3064	113.0000	5650	
TD1008	06	1173-02	50	71.4056	71.4345	28.9000	578	
TD1008	07	1168-02	20	13.1467	13.1674	20.7000	1040	
TD1008	08	1148-01	5	13.2527	13.4217	169.0000	33800	
TD1008	09	1148-01D	5	13.2124	13.3801	167.7000	33500	
TD1008	10	1148-02	20	13.183	13.27	87.0000	4350	
TD1008	11	1148-03	20	13.2667	13.3622	95.5000	4770	
TD1008	12	1148-04	50	73.508	73.9445	436.5000	8730	
TD1008	13	1162-05	20	13.2863	13.3017	15.4000	770	
TD1008	14	1162-05D	20	13.2538	13.2684	14.6000	730	
TD1008	15	1162-09	50	70.7087	70.7409	32.2000	644	
TD1008	16	1162-10	20	13.2487	13.2677	19.0000	950	
TD1008	17	1162-18	20	13.1847	13.1975	12.8000	640	
TD1008	18	1162-19	20	13.1707	13.1853	14.6000	730	
TD1008	19	1203-01	20	13.0757	13.1001	24.9000	1240	
TD1008	20	1203-02	20	13.1948	13.2405	45.7000	2290	
TD1008	21	1203-03	20	13.1499	13.1711	21.2000	1060	
TD1008	22	1097-11	5	13.1956	13.2723	76.7000	15300	

MJM/PP 9-16-10

LCS Concentration: 1000 mg/l | MDL(mg/L): 5 | Initial Reading by: MJM/PP

SOP: EMAX-2540C Rev 1 | RL(mg/L): 10 | Final Reading by: MJM/PP

COMMENTS

Reviewed by: MJM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower Limit	Higher Limit	Comments
10203192	31116	200	200.04	9/16/10 9:47	200.04	9/16/10 9:48	200.05	9/16/10 9:49	199.8	200.2	200g Check Passed
10203192	31116	100	100.03	9/16/10 9:47	100.02	9/16/10 9:48	100.02	9/16/10 9:49	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/16/10 9:47	50.01	9/16/10 9:48	50.01	9/16/10 9:49	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/16/10 9:48	30	9/16/10 9:48	30	9/16/10 9:49	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/16/10 9:48	1	9/16/10 9:48	1	9/16/10 9:49	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/16/10 9:51	200	9/16/10 9:51	200	9/16/10 9:52	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/16/10 9:51	100	9/16/10 9:51	100	9/16/10 9:52	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/16/10 9:51	50	9/16/10 9:51	50	9/16/10 9:52	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/16/10 9:51	30	9/16/10 9:51	30	9/16/10 9:52	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/16/10 9:51	1	9/16/10 9:51	1	9/16/10 9:52	0.999	1.001	1g Check Passed
40706360	31116	150	149.9939	9/16/10 9:54	149.9939	9/16/10 9:55	149.994	9/16/10 9:59	149.85	150.15	150g Check Passed
40706360	31116	100	99.9958	9/16/10 9:54	99.9959	9/16/10 9:56	99.9958	9/16/10 9:59	99.9	100.1	100g Check Passed
40706360	31116	50	49.998	9/16/10 9:54	49.9981	9/16/10 9:57	49.998	9/16/10 9:59	49.95	50.05	50g Check Passed
40706360	31116	30	29.9987	9/16/10 9:54	29.9988	9/16/10 9:57	29.9986	9/16/10 10:00	29.97	30.03	30g Check Passed
40706360	31116	1	0.9999	9/16/10 9:55	1	9/16/10 9:58	0.9999	9/16/10 10:00	0.999	1.001	1g Check Passed
10601202	31116	200	200.002	9/16/10 10:01	199.995	9/16/10 10:01	199.994	9/16/10 10:02	199.8	200.2	200g Check Passed
10601202	31116	100	100.001	9/16/10 10:01	100	9/16/10 10:02	99.998	9/16/10 10:02	99.9	100.1	100g Check Passed
10601202	31116	50	50.001	9/16/10 10:01	49.998	9/16/10 10:02	49.998	9/16/10 10:02	49.95	50.05	50g Check Passed
10601202	31116	30	30.007	9/16/10 10:01	30.001	9/16/10 10:02	30.003	9/16/10 10:02	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/16/10 10:01	1.001	9/16/10 10:02	0.999	9/16/10 10:03	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/16/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/16/10

Acceptance Limit : ± 0.1%

Bal. Checked by: JF

80 72

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.05	9/15/10 9:11	200.06	9/15/10 9:12	200.05	9/15/10 9:13	199.8	200.2	200g Check Passed
10203192	31116	100	100.02	9/15/10 9:11	100.03	9/15/10 9:12	100.03	9/15/10 9:13	99.9	100.1	100g Check Passed
10203192	31116	50	50.01	9/15/10 9:12	50.01	9/15/10 9:12	50.01	9/15/10 9:13	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/15/10 9:12	30.01	9/15/10 9:12	30.01	9/15/10 9:13	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/15/10 9:12	1	9/15/10 9:12	1	9/15/10 9:13	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/15/10 9:15	200	9/15/10 9:16	200	9/15/10 9:16	199.8	200.2	200g Check Passed
10304418	31116	100	100.01	9/15/10 9:15	100	9/15/10 9:16	100	9/15/10 9:16	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/15/10 9:15	50	9/15/10 9:16	50	9/15/10 9:16	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/15/10 9:15	30	9/15/10 9:16	30	9/15/10 9:16	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/15/10 9:15	1	9/15/10 9:16	1	9/15/10 9:16	0.999	1.001	1g Check Passed
40706360	31116	150	149.9923	9/15/10 9:18	149.9923	9/15/10 9:20	149.9924	9/15/10 9:21	149.85	150.15	150g Check Passed
40706360	31116	100	99.9942	9/15/10 9:18	99.9944	9/15/10 9:20	99.9946	9/15/10 9:21	99.9	100.1	100g Check Passed
40706360	31116	50	49.9975	9/15/10 9:19	49.9974	9/15/10 9:20	49.9975	9/15/10 9:21	49.95	50.05	50g Check Passed
40706360	31116	30	29.9981	9/15/10 9:19	29.9983	9/15/10 9:21	29.9983	9/15/10 9:22	29.97	30.03	30g Check Passed
40706360	31116	1	0.9994	9/15/10 9:19	0.9997	9/15/10 9:21	0.9996	9/15/10 9:22	0.999	1.001	1g Check Passed
10601202	31116	200	199.999	9/15/10 9:23	199.995	9/15/10 9:24	199.994	9/15/10 9:25	199.8	200.2	200g Check Passed
10601202	31116	100	99.999	9/15/10 9:23	99.996	9/15/10 9:24	99.996	9/15/10 9:25	99.9	100.1	100g Check Passed
10601202	31116	50	50	9/15/10 9:23	49.998	9/15/10 9:24	49.993	9/15/10 9:26	49.95	50.05	50g Check Passed
10601202	31116	30	29.998	9/15/10 9:24	30	9/15/10 9:25	29.999	9/15/10 9:26	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/15/10 9:24	1	9/15/10 9:25	1	9/15/10 9:26	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/15/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MK

Date: 9/16/10

Bal Checked by: JF

Acceptance Limit ± 0.1%

0120

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I193

METHOD SM5310B
TOC

A total of two (2) water samples were received on 09/14/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI007WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101193

Matrix : WATER
Instrument ID : L52

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TCI007WB	ND	1	NA	1.00	0.500	09/17/1015:27	NA	TCI004-04	TCI004-02	TCI007W	NA	NA
LCS1W	TCI007WL	25.0	1	NA	1.00	0.500	09/17/1015:40	NA	TCI004-05	TCI004-02	TCI007W	NA	NA
LCD1W	TCI007WC	24.9	1	NA	1.00	0.500	09/17/1015:53	NA	TCI004-06	TCI004-02	TCI007W	NA	NA
MW-70-28-A10	1193-01	11.6	1	NA	1.00	0.500	09/17/1322:25	NA	TCI004-30	TCI004-26	TCI007W	09/13/1009:37	09/14/10
MW-70-27-A10	1193-02	5.36	1	NA	1.00	0.500	09/17/1322:36	NA	TCI004-31	TCI004-26	TCI007W	09/13/1010:10	09/14/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, LR SITE 70.
BATCH NO.: 106193
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1007WB TC1007WA TC1007WC
LAB FILE ID: TC1004-04 TC1004-05 TC1004-06
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/17/1015:27 09/17/1015:40 09/17/1015:53 DATE RECEIVED: NA
PREP. BATCH: TC1007W TC1007W TC1007W
CALIB. REF: TC1004-02 TC1004-02 TC1004-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.0	100	25.0	24.9	100	0	85-115	20

ANALYSIS RUN LOG
for
TOC

For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

[illegible] (date & time) 9/17/10 13:48

[illegible] (date & time) 9/17/10 [illegible]

[illegible] TC I 007W:

10I-148-01 → 04

10I-066-01, 02

10I-160-01, 02, 10

10I-487-01

10I-481-01 → 03

10I-188-03

10I-173-02

10I-163-01, 02

10I-468-01

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TC I 004
Method File:	TC I 004
Analytical Batch:	TC I 007W

SOP #	Rev. #
☐ EMAX-415.1	2
☐ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC (mg/L)
S0	nanopure	0
S1	SW10B-03-321	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-03-326	25
CCV	SW10B-03-327	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 9/17/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCI004-01	0A-123456	C:\Pro	1.000		
2	Control	NPOC	ICV	TCI004-02	0A-123456	C:\Pro	1.000	NPOC:25.13 mg/L	
3	Unknown	NPOC	ICB	TCI004-03	0A-123456	C:\Pro	1.000	NPOC:0.3574 mg/L	
4	Unknown	NPOC	TCI007WB	TCI004-04	0A-123456	C:\Pro	1.000	NPOC:0.2569 mg/L	
5	Unknown	NPOC	TCI007WL	TCI004-05	0A-123456	C:\Pro	1.000	NPOC:25.02 mg/L	
6	Unknown	NPOC	TCI007WC	TCI004-06	0A-123456	C:\Pro	1.000	NPOC:24.95 mg/L	
7	Unknown	NPOC	HCO3/CO3	TCI004-07	0A-123456	C:\Pro	1.000	NPOC:0.3858 mg/L	
8	Unknown	NPOC	101148-01R	TCI004-08	0A-123456	C:\Pro	1.000	NPOC:~~1.651 mg/L~~	1.610 mg/L Am 9/14
9	Unknown	NPOC	101148-02R	TCI004-09	0A-123456	C:\Pro	1.000	NPOC:2.064 mg/L	
10	Unknown	NPOC	101148-03R	TCI004-10	0A-123456	C:\Pro	1.000	NPOC:~~2.051 mg/L~~	1.970 mg/L Am 9/14
11	Unknown	NPOC	101148-04R	TCI004-11	0A-123456	C:\Pro	1.000	NPOC:~~1.872 mg/L~~	1.714 mg/L
12	Unknown	NPOC	101066-01T	TCI004-12	0A-123456	C:\Pro	40.00	NPOC:910.0 mg/L	DF=40
13	Unknown	NPOC	101066-02T	TCI004-13	0A-123456	C:\Pro	40.00	NPOC:915.3 mg/L	DF=40
14	Control	NPOC	CCV1	TCI004-14	0A-123456	C:\Pro	1.000	NPOC:26.05 mg/L	
15	Unknown	NPOC	CCB1	TCI004-15	0A-123456	C:\Pro	1.000	NPOC:0.2988 mg/L	
16	Unknown	NPOC	101147-07R	TCI004-16	0A-123456	C:\Pro	1.000	NPOC:~~1.007 mg/L~~	0.6381 mg/L Am 9/14
17	Unknown	NPOC	101147-07Z	TCI004-17	0A-123456	C:\Pro	1.000	NPOC:0.9501 mg/L	
18	Unknown	NPOC	101147-07G	TCI004-18	0A-123456	C:\Pro	1.000	NPOC:26.33 mg/L	
19	Unknown	NPOC	101147-07H	TCI004-19	0A-123456	C:\Pro	1.000	NPOC:26.61 mg/L	
20	Unknown	NPOC	101147-09T	TCI004-20	0A-123456	C:\Pro	4.000	NPOC:5.108 mg/L	DF=4
21	Unknown	NPOC	101147-10T	TCI004-21	0A-123456	C:\Pro	4.000	NPOC:5.214 mg/L	DF=4
22	Unknown	NPOC	101483-01	TCI004-22	0A-123456	C:\Pro	1.000	NPOC:11.45 mg/L	PH<2
23	Unknown	NPOC	101481-01	TCI004-23	0A-123456	C:\Pro	1.000	NPOC:3.394 mg/L	PH<2
24	Unknown	NPOC	101481-02	TCI004-24	0A-123456	C:\Pro	1.000	NPOC:2.848 mg/L	PH<2
25	Unknown	NPOC	101481-03	TCI004-25	0A-123456	C:\Pro	1.000	NPOC:3.075 mg/L	PH<2
26	Control	NPOC	CCV2	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:25.98 mg/L	
27	Unknown	NPOC	CCB2	TCI004-27	0A-123456	C:\Pro	1.000	NPOC:0.2164 mg/L	
28	Unknown	NPOC	101188-03	TCI004-28	0A-123456	C:\Pro	1.000	NPOC:~~0.6863 mg/L~~	0.448 mg/L PH<2 Am 9/14
29	Unknown	NPOC	101173-02	TCI004-29	0A-123456	C:\Pro	1.000	NPOC:1.425 mg/L	PH<2
30	Unknown	NPOC	101193-01	TCI004-30	0A-123456	C:\Pro	1.000	NPOC:11.59 mg/L	PH<2
31	Unknown	NPOC	101199-02	TCI004-31	0A-123456	C:\Pro	1.000	NPOC:5.357 mg/L	PH<2
32	Unknown	NPOC	101468-01	TCI004-32	0A-123456	C:\Pro	4.000	NPOC:60.48 mg/L	PH<2 DF=4
33	Control	NPOC	CCV3	TCI004-26	0A-123456	C:\Pro	1.000	NPOC:25.86 mg/L	
34	Unknown	NPOC	CCB3	TCI004-27	0A-123456	C:\Pro	1.000	NPOC:0.3386 mg/L	
35									
36									
37									
38									
39									
40									
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61									FINAL
62									
63									
64									
65									
66								Am 9/16	
67									

09/21/10 10:35:49 AM

8078

Instr. Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

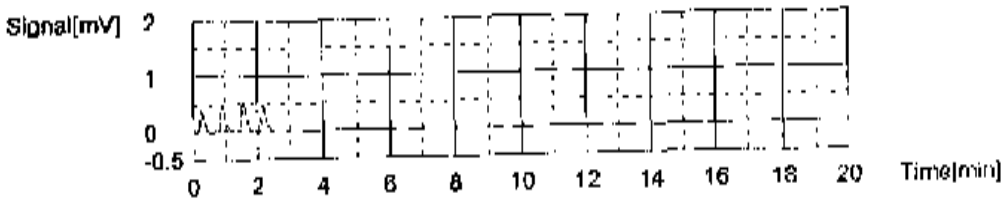
Sample Name:	ICAL
Sample ID:	TCI004-01
Cal. Curve:	TCI004.2010 09_17_13 41 00.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex	Date / Time
1	0.3859	50uL	1	-------		09/17/10 01:48:07 PM
2	0.4879	50uL	1	-------		09/17/10 01:48:55 PM
3	0.5380	50uL	1	-------		09/17/10 01:49:43 PM
4	0.4064	50uL	1	-------		09/17/10 01:50:32 PM

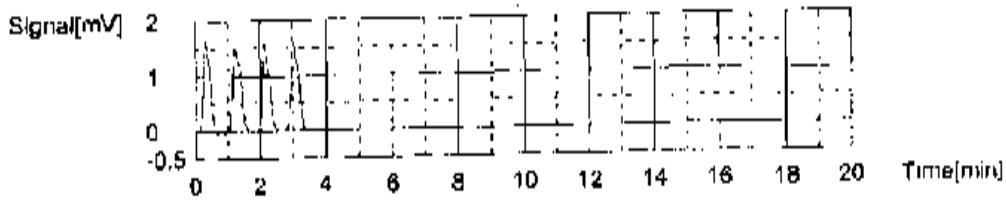
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.4749



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.393	50uL	10	-------		09/17/10 01:58:39 PM
2	2.589	50uL	10	-------		09/17/10 01:59:45 PM
3	2.396	50uL	10	-------		09/17/10 02:00:50 PM
4	2.346	50uL	10	-------		09/17/10 02:01:54 PM

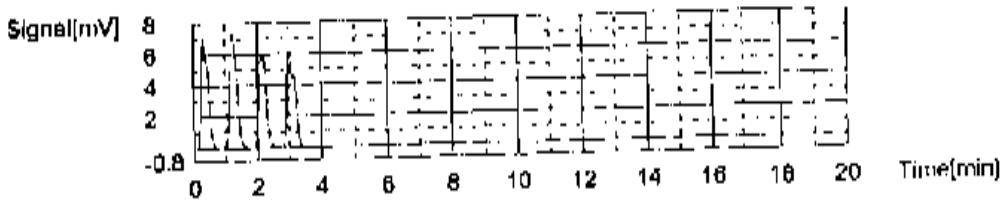
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.421



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.86	50uL	2	-------		09/17/10 02:08:04 PM
2	11.07	50uL	2	-------		09/17/10 02:09:09 PM
3	10.33	50uL	2	-------		09/17/10 02:10:15 PM
4	10.39	50uL	2	-------		09/17/10 02:11:22 PM

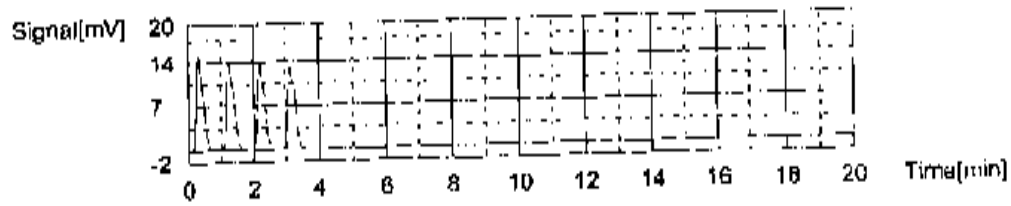
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.56



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.89	50uL	1	------		09/17/10 02:16:52 PM
2	21.56	50uL	1	------		09/17/10 02:18:00 PM
3	21.72	50uL	1	------		09/17/10 02:19:07 PM
4	21.25	50uL	1	------		09/17/10 02:20:15 PM

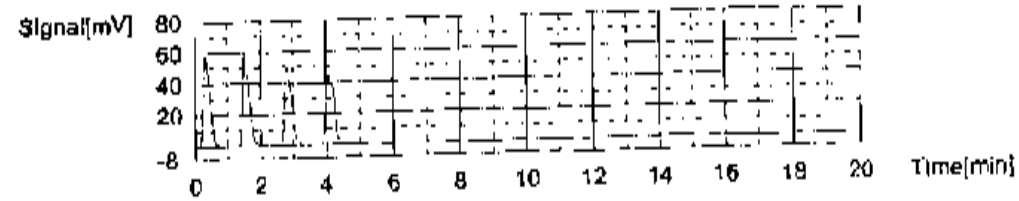
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.53



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	83.01	50uL	2	------		09/17/10 02:28:40 PM
2	85.35	50uL	2	------		09/17/10 02:30:09 PM
3	79.27	50uL	2	------		09/17/10 02:31:45 PM
4	76.53	50uL	2	------		09/17/10 02:33:04 PM

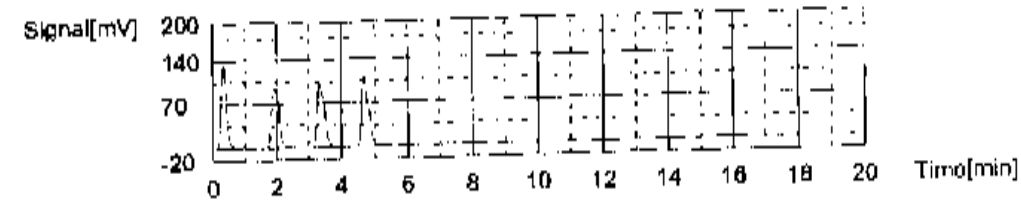
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 81.06



Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	165.7	50uL	1	------		09/17/10 02:38:12 PM
2	164.1	50uL	1	------		09/17/10 02:40:30 PM
3	168.3	50uL	1	------		09/17/10 02:42:22 PM
4	167.0	50uL	1	------		09/17/10 02:43:56 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 166.5



Slope 2.067
Intercept 0.000
r^2 0.999772

8000

Control Sample

Sample Name: ICV
Sample ID: TCI004-02
Method: TCI004.tpl
Chk. Result: Control value: 25.13 / Control exceeds range!

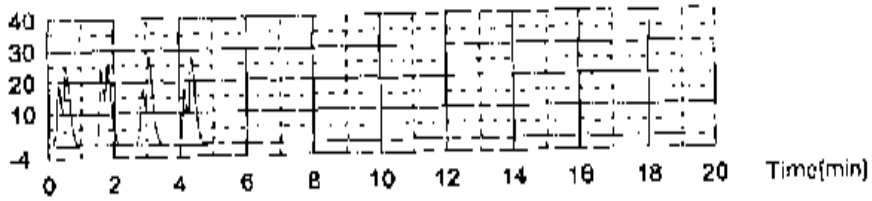
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.13 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Cx	Cal. Curve	Date / Time
1	51.84	25.07mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 07:51:59 PM
2	53.34	25.80mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:53:26 PM
3	51.92	25.11mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:54:53 PM
4	50.71	24.53mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 02:56:22 PM

Mean Area: 51.95
Mean Conc.: 25.13mg/L



Sample

Sample Name: ICB
Sample ID: TCI004-03
Origin: TCI004.cal
Chk. Result

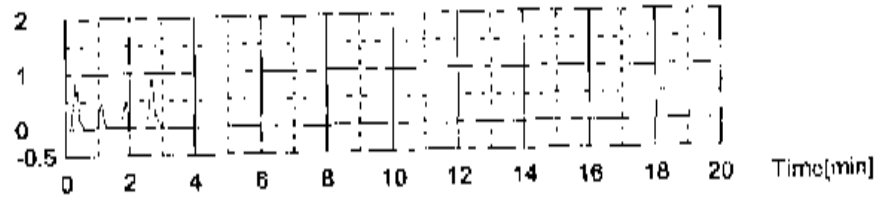
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3574 mg/L

1. Det

Anal.: NPOC

No	Area	Conc.	Inj. Vol.	Aut Dil.	Cx	Cal. Curve	Date / Time
1	0.9609	0.4678mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:03:41 PM
2	0.4760	0.2302mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:04:38 PM
3	0.4978	0.2408mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:05:36 PM
4	1.021	0.4938mg/L	50uL	1		TCI004.2010_09_17_13_41_00.cal	09/17/10 03:06:30 PM

Mean Area: 0.7389
Mean Conc.: 0.3574mg/L



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CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I246**

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GC-SVOA	**	5000
HPLC	**	6000 –
METALS	METHOD 3010A/6010B	7000 – 7049
WET	METHOD 300.0	8000 – 8046
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** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-13-2010
EMAX Batch No.: 101246

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/16/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SHB113-A10	1246-01	09/15/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW09 A10	1246 02	09/15/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW10-A10	1246-03	09/15/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP

Sample ID	Control #	Col Date	Matrix	Analysis
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW10-A10-D	1246-04	09/15/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW12A-A10	1246-05	09/16/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW12B-A10-D	1246-06	09/16/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW12B-A10	1246-07	09/16/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS

Sample ID	Control #	Col Date	Matrix	Analysis
				DISSOLVED HYDROGEN SULFIDE
RDO-5-A10	1246 08	09/16/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA07-A10	1246-09	09/16/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA08-A10	1246-10	09/16/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
TB-9/15/10	1246-11	09/15/10	WATER	VOLATILE ORGANICS BY GC/MS
MW 70 PMW09-A10MS	1246-02M	09/15/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PMW09-A10MSD	1246-02S	09/15/10	WATER	DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				TOTAL ORGANIC CARBON
MW-70-PMW09-A10DUP	1246-02D	09/15/10	WATER	ANIONS BY IC
				ORGANIC ACIDS BY IC
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Casper J. Pang
Laboratory Director

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EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS 0701.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO.* 10I246
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO, INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: (714) 678-6700 FAX: (714) 678-6711 EMAIL: NWEINBERGER@IGEI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO, INC
ADDRESS: 3010 E MIRALOMA AVE
ANAHEIM, CA 92806
EMAX PM: Joe Mysiak

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SO=Solid Waste; SL=Sludge; SS=Soil/Sediment; WP=Wipe; PP=Pure Products; AIR=Air; O=

PRESERVATIVE CODE: IC=Ice; HC=HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DGS GASES (RSK 175); ANIONS (PH/TA-E-17 VEA 300.0, 353.2, 375.4, 300.0A); TOC (5310B); DISS MS (4500 F); DISS METAL (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HCL	HC	HCL	HN	HN		COMMENTS
1	IW-70-SHB113-A10	IR 70	9/15/10	1041	8	VARIOUS	VARIOUS	GW	III	X	X	X	X				
2	MW-70-PMW09-A10		9/15/10	1150	30	VARIOUS	VARIOUS			X	X	X	X	X	X		MS/MSD
3	MW-70-PMW10-A10		9/15/10	1235	10	VARIOUS	VARIOUS			X	X	X	X	X	X		
4	MW-70-PMW10-A10-D		9/15/10	1240	10	VARIOUS	VARIOUS			X	X	X	X	X	X		DUPLICATE
5	MW-70-PMW12A-A10		9/16/10	0935	10	VARIOUS	VARIOUS			X	X	X	X	X	X		
6	MW-70-PMW12B-A10-D		9/16/10	1052	10	VARIOUS	VARIOUS			X	X	X	X	X	X		DUPLICATE
7	MW-70-PMW12B-A10		9/16/10	1055	10	VARIOUS	VARIOUS			X	X	X	X	X	X		
8	RDO-5-A10		9/16/10	1330	6	40mL	VOA			X	X						
9	MW-70-MNA07-A10		9/16/10	1405	6	40mL	VOA			X	X						
10	MW-70-MNA08-A10		9/16/10	1445	6	40mL	VOA			X	X						
11	Instructions: TB-9/15/10		9/15/10	0700	2	40mL	VOA			X	X	TRIP					

Cooler #	Temp. (°C)
1	2.5
2	2.8

Sample #s

SAMPLER: B. Gh

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible]	9/16/10	1545	Keith Stout
Keith Stout	9/16/10	1615	[illegible]

NOTICE: Turn-around-time (TAT) for samples that not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0830 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $3.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☐ EMAX Courier	See Co	KCN 101246
☐ Client Delivery		Receipt J-LUNA
☐ Third Party		Date 9-16-10
		Time 1615

COC Inspection

☐ Client Name	☐ PM/PC	☐ Sampler Name	☐ Sampling Date/Time/Location	☐ Sample ID	☐ Matrix
☐ Address	☐ Tel # / Fax #	☐ Sampler Signature	☐ Analysis Required	☐ Preservative (if any)	☐ DWT
Safety Issues	☐ MSC	☐ High concentrations expected	☐ Superfund Site sample	☐ Rad screening required	
Comments					

Packaging Inspection

Container	☐ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ _____
Temperature (Cool, 56 °C but not frozen)	A ☐ Cooler 1 2.5 °C	A ☐ Cooler 2 2.8 °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Thermometer: *A - S/N 101541371* *B - S/N 101541382*

Comments: ☐ **PM was informed on non-compliant coolers inediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Log-In: [illegible] Date 9/16/10

SRS: [illegible] Date 9/16/10

PM: LP for YQ Date 9/17/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
	A1 Analysis is not indicated in COC		D1 Date and/or time is not indicated in COC		R1 Hold sample(s), wait for further instructions
	A2 Analysis is not indicated in label		D2 Date and/or time is not indicated in label		R2 Proceed as indicated in COC
	A3 Analysis is inconsistent in COC vs-à-vis label		D3 Date and/or time is inconsistent in COC vs-à-vis label		R3 Refer to attached instruction
	A4 _____		E1 Insufficient preservative		R4 Cancel the analysis
	B1 Sample ID is not indicated in COC		E2 Improper preservation		R5 _____
	B2 Sample ID is not indicated in label		F1 Insufficient Sample		R6 _____
	B3 Sample ID is inconsistent in COC vs-à-vis label		F2 Bubble wrap broken		
	B4 _____		G1 Temperature is out of range		
	C1 Wrong container		G2 Out of Holding Time		
	C2 Broken container		G3 >20 % solid particle		
	C3 Leaking container		H1 _____		
	C4 _____		H2 _____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I246

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of eleven (11) water samples were received on 09/16/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, four (4) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Four (4) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO94I16L/C were all within QC limits.
Percent recoveries for VO94I17L/C were all within QC limits.
Percent recoveries for VO94I25X/C were all within QC limits.
Percent recoveries for VO94I26L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I246-02M/S were within project QC limits.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to Cis-1,2-Dichloroethene in samples I246-02, -02M/S, -03, -04 and -10 because of improper integration. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 101266
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : 1-C94

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V094116B	1	NA	09/18/1012:23	09/18/1012:23	R1D343	RH0320	V094116	Method Blank
LCS1W	V094116L	1	NA	09/18/1009:53	09/18/1009:53	R1D339	RH0320	V094116	Lab Control Sample (LCS)
LCD1W	V094116C	1	NA	09/18/1010:31	09/18/1010:31	R1D340	RH0320	V094116	LCS Duplicate
TB-9/15/10	1246-11	1	NA	09/18/1013:00	09/18/1013:00	R1D344	RH0320	V094116	Field Sample
MW-70-SMB113-A10	1246-01	1	NA	09/18/1016:07	09/18/1016:07	R1D349	RH0320	V094116	Field Sample
MW-70-PMW10-A10	1246-03	1	NA	09/18/1016:44	09/18/1016:44	R1D350	RH0320	V094116	Field Sample
MW-70-PMW10-A10-D	1246-04	1	NA	09/18/1017:22	09/18/1017:22	R1D351	RH0320	V094116	Field Sample
MW-70-PMW09-A10	1246-02	1	NA	09/18/1019:11	09/18/1019:11	R1D354	RH0320	V094116	Field Sample
MW-70-PMW09-A10MS	1246-02M	1	NA	09/18/1019:48	09/18/1019:48	R1D355	RH0320	V094116	Matrix Spike Sample (MS)
MW-70-PMW09-A10MSD	1246-02S	1	NA	09/18/1020:25	09/18/1020:25	R1D356	RH0320	V094116	MS Duplicate (MSD)
MBLK2W	V094117B	1	NA	09/19/1002:01	09/19/1002:01	R1D365	RH0320	V094117	Method Blank
LCS2W	V094117L	1	NA	09/18/1023:31	09/18/1023:31	R1D361	RH0320	V094117	Lab Control Sample (LCS)
LCD2W	V094117C	1	NA	09/19/1000:09	09/19/1000:09	R1D362	RH0320	V094117	LCS Duplicate
MW-70-PMW12B-A10-D	1246-06	1	NA	09/19/1003:16	09/19/1003:16	R1D367	RH0320	V094117	Field Sample
MW-70-PMW12B-A10	1246-07	1	NA	09/19/1003:52	09/19/1003:52	R1D368	RH0320	V094117	Field Sample
MW-70-MWA07-A10	1246-09	1	NA	09/19/1005:08	09/19/1005:08	R1D370	RH0320	V094117	Field Sample
MW-70-MWA08-A10	1246-10	1	NA	09/19/1005:45	09/19/1005:45	R1D371	RH0320	V094117	Field Sample
MBLK3W	V094125B	1	NA	09/28/1018:15	09/28/1018:15	R1D550	R1D406	V094125	Method Blank
LCS3W	V094125X	1	NA	09/28/1017:02	09/28/1017:02	R1D548	R1D406	V094125	Lab Control Sample (LCS)
LCD3W	V094125C	1	NA	09/28/1015:10	09/28/1015:10	R1D546	R1D406	V094125	LCS Duplicate
RDO-5-A10	1246-08R	1	NA	09/28/1022:32	09/28/1022:32	R1D557	R1D406	V094125	Field Sample
MW-70-PMW12A-A10	1246-05R	1	NA	09/28/1023:09	09/28/1023:09	R1D558	R1D406	V094125	Field Sample
MBLK4W	V094126B	1	NA	09/29/1006:26	09/29/1006:26	R1D570	R1D406	V094126	Method Blank
LCS4W	V094126L	1	NA	09/29/1004:01	09/29/1004:01	R1D566	R1D406	V094126	Lab Control Sample (LCS)
LCD4W	V094126C	1	NA	09/29/1004:37	09/29/1004:37	R1D567	R1D406	V094126	LCS Duplicate
MW-70-MWA08-A10DL	1246-10T	100	NA	09/29/1007:02	09/29/1007:02	R1D571	R1D406	V094126	Diluted Sample
MW-70-PMW10-A10-DDL	1246-04T	100	NA	09/29/1007:39	09/29/1007:39	R1D572	R1D406	V094126	Diluted Sample
MW-70-PMW10-A10DL	1246-03T	100	NA	09/29/1008:14	09/29/1008:14	R1D573	R1D406	V094126	Diluted Sample
MW-70-PMW09-A10DL	1246-02T	100	NA	09/29/1008:50	09/29/1008:50	R1D574	R1D406	V094126	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/18/10 16:07
Sample ID:	IW-70-SHB113 A10	Date Analyzed:	09/18/10 16:07
Lab Samp ID:	1246-01	Dilution Factor:	1
Lab File ID:	R10349	Matrix	: WATER
Ext Btch ID:	V094116	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.50
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.47J	2.0	0.20
CHLOROFORM	ND	1.0	0.30
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	2.5	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.40
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	5.5	1.0	0.20
TRICHLOROETHENE	4.1J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	3.3	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	87	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NYS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/18/10 19:11
Sample ID:	MW-70-PMWD9-A10	Date Analyzed:	09/18/10 19:11
Lab Samp ID:	1246-02	Dilution Factor:	1
Lab File ID:	R10354	Matrix	: WATER
Ext.Batch ID:	V094I16	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.72J	1.0	0.20
1,1-DICHLOROETHENE	5.1	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.23J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.50
CHLOROBENZENE	ND	1.0	0.50
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	770E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	14	1.0	0.20
TRICHLOROETHENE	8.1	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.1	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2 DICHLOROETHANE-D4	87	70-140
4-BROMOFLUOROBENZENE	93	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: TQ1246	Date Extracted:	09/28/10 08:50
Sample ID:	MW-70-PHW09-A10DL	Date Analyzed:	09/29/10 08:50
Lab Samp ID:	1246-02T	Dilution Factor:	100
Lab File ID:	RI0574	Matrix	: WATER
Ext Btch ID:	VO94126	% Moisture	: NA
Calib. Ref.:	RID406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	50
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	1100	100	20
DICHLORODIFLUOROMETHANE	ND	200	50
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	50
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	ND	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	20
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	108	70-130
TOLUENE-D8	92	70 140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: TDI246	Date Extracted:	09/18/10 16:44
Sample ID:	MW-70-PMW10-A10	Date Analyzed:	09/18/10 16:44
Lab Samp ID:	1246-03	Dilution Factor:	1
Lab File ID:	RID350	Matrix	: WATER
Ext Batch ID:	V094116	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	1.8	1.0	0.20
1,1-DICHLOROETHENE	12	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.26J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	890E	1.0	0.60
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	100E	1.0	0.20
TRICHLOROETHENE	580E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	3.8	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2 DICHLOROETHANE-D4	88	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/29/10 08:14
Sample ID:	MW-70-PMW10-A100L	Date Analyzed:	09/29/10 08:14
Lab Samp ID:	1246-03T	Dilution Factor:	100
Lab File ID:	R1D573	Matrix	: WATER
Ext Batch ID:	V094126	% Moisture	: NA
Calib. Ref.:	R1D406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2 DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	50
BROMOFORM	ND	100	20
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	2200	100	20
DICHLORODIFLUOROMETHANE	ND	200	30
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	100	100	20
TRICHLOROETHENE	690	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	108	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/18/10 17:22
Sample ID:	MW-70-PMW10-A10-D	Date Analyzed:	09/18/10 17:22
Lab Samp ID:	1246-04	Dilution Factor:	1
Lab File ID:	R10351	Matrix	: WATER
Ext.Btch ID:	VOA116	% Moisture	: NA
Calib. Ref.:	RN0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	1.6	1.0	0.20
1,1-DICHLOROETHENE	11	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	850E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	100E	1.0	0.50
TRICHLOROETHENE	500E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	3.5	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/29/10 07:39
Sample ID:	MW-70-PMW10-A10-00L	Date Analyzed:	09/29/10 07:39
Lab Samp ID:	I246-04T	Dilution Factor:	100
Lab File ID:	R1D572	Matrix	: WATER
Ext Btch ID:	V094126	% Moisture	: NA
Calib. Ref.:	R1D406	Instrument ID	: 1-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	50
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	50
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2-HEXANONE	ND	1000	500
2,2-DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	2100	100	50
DICHLORODIFLUOROMETHANE	ND	200	50
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	50
TRANS-1,2-DICHLOROETHENE	100	100	50
TRICHLOROETHENE	530	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	50
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	50
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	108	70-130
TOLUENE-D8	92	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 23:09
Sample ID:	MW-70-PMW12A-A10	Date Analyzed:	09/28/10 23:09
Lab Samp ID:	1246-05R	Dilution Factor:	1
Lab File ID:	R10558	Matrix	: WATER
Ext Batch ID:	V094105	% Moisture	: NA
Calib. Ref.:	R10406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.5	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.60
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.57J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2 DICHLOROETHENE	0.59J	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	5.4	1.0	0.20
TRICHLOROETHENE	1.1J	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	53	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	91	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/19/10 03:16
Sample ID:	MW 70-PMW12B-A10-0	Date Analyzed:	09/19/10 03:16
Lab Samp ID:	1246-06	Dilution Factor:	1
Lab File ID:	R10367	Matrix	: WATER
Ext Btch ID:	V094I17	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.34J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2 DICHLOROBENZENE	ND	1.0	0.20
1,2 DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.56J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	2.4	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	43	1.0	0.20
TRICHLOROETHENE	4.8J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	99	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	85	70-140
4-BROMOFLUOROBENZENE	89	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/19/10 05:52
Sample ID:	MW-70-PMW12B-A10	Date Analyzed:	09/19/10 05:52
Lab Samp ID:	1246-07	Dilution Factor:	1
Lab File ID:	RID368	Matrix	: WATER
Ext Btch ID:	V094117	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.34J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.57J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	2.5	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	45	1.0	0.20
TRICHLOROETHENE	4.7J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	99	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	87	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 22:32
Sample ID:	RDO 5 A10	Date Analyzed:	09/28/10 22:32
Lab Samp ID:	1246-08R	Dilution Factor:	1
Lab File ID:	R10557	Matrix	: WATER
Ext Bch ID:	V094125	% Moisture	: NA
Calib. Ref.:	R10406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.24J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	12	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	0.72J	1.0	0.20
TRICHLOROETHENE	4.2J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	2.7	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	90	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ERC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/19/10 05:08
Sample ID:	MW 70 MNA07-A10	Date Analyzed:	09/19/10 05:08
Lab Samp ID:	1246-09	Dilution Factor:	1
Lab File ID:	RID370	Matrix	: WATER
Ext Btch ID:	VO94117	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	7.9J	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	13	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.37J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.57J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	20	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	5.0	1.0	0.20
TRICHLOROETHENE	2.6J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	2.0	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2 DICHLOROETHANE-D4	86	70-140
4-BROMOFLUOROBENZENE	91	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/19/10 05:45
Sample ID:	MW 70 MNA08 A10	Date Analyzed:	09/19/10 05:45
Lab Samp ID:	1246-10	Dilution Factor:	1
Lab File ID:	RID371	Matrix	: WATER
Ext Atch ID:	V094117	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLORDETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLORDETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	1.6	1.0	0.20
1,1-DICHLOROETHENE	8.5	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.28J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	920E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	19	1.0	0.20
TRICHLOROETHENE	17	5.0	0.20
TRICHLOROFLUOROMETHANE	0.42J	2.0	0.20
VINYL CHLORIDE	4.7	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	88	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/29/10 07:02
Sample ID:	MW-70-MNA08-A100L	Date Analyzed:	09/29/10 07:02
Lab Samp ID:	1246-10T	Dilution Factor:	100
Lab File ID:	R10571	Matrix	: WATER
Ext Btch ID:	V094126	% Moisture	: NA
Calib. Ref.:	R10406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	100	20
1,1,2-TETRACHLOROETHANE	ND	100	20
1,1,2,2-TETRACHLOROETHANE	ND	100	20
1,1,2-TRICHLOROETHANE	ND	100	20
FREON113	ND	100	20
1,1-DICHLOROETHANE	ND	100	20
1,1-DICHLOROETHENE	ND	50	20
1,1-DICHLOROPROPENE	ND	100	20
1,2-DIBROMO-3-CHLOROPROPANE	ND	200	50
1,2-DIBROMOETHANE	ND	100	20
1,2-DICHLOROBENZENE	ND	100	20
1,2-DICHLOROETHANE	ND	50	20
1,2-DICHLOROPROPANE	ND	100	20
1,2,3-TRICHLOROBENZENE	ND	100	20
1,2,3-TRICHLOROPROPANE	ND	100	20
1,2,4-TRICHLOROBENZENE	ND	100	20
1,2,4-TRIMETHYLBENZENE	ND	100	20
1,3-DICHLOROBENZENE	ND	100	20
1,3,5-TRIMETHYLBENZENE	ND	100	20
1,4-DICHLOROBENZENE	ND	100	20
2-BUTANONE	ND	1000	500
2-CHLOROTOLUENE	ND	100	20
2 HEXANONE	ND	1000	500
2,2 DICHLOROPROPANE	ND	100	20
4-CHLOROTOLUENE	ND	100	20
4-METHYL-2-PENTANONE	ND	1000	500
N-BUTYLBENZENE	ND	100	20
N-PROPYLBENZENE	ND	100	20
P-ISOPROPYLTOLUENE	ND	100	20
SEC-BUTYLBENZENE	ND	100	20
TERT-BUTYLBENZENE	ND	100	20
ACETONE	ND	1000	500
BENZENE	ND	100	20
BROMOBENZENE	ND	100	20
BROMODICHLOROMETHANE	ND	100	20
CIS-1,3-DICHLOROPROPENE	ND	100	20
TRANS-1,3-DICHLOROPROPENE	ND	100	20
BROMOMETHANE	ND	200	20
BROMOFORM	ND	100	30
CARBON DISULFIDE	ND	100	20
CARBON TETRACHLORIDE	ND	50	20
CHLOROBENZENE	ND	100	20
CHLOROETHANE	ND	200	20
CHLOROFORM	ND	100	20
CHLOROMETHANE	ND	200	20
CIS-1,2-DICHLOROETHENE	2600	100	20
DICHLORODIFLUOROMETHANE	ND	200	20
DIBROMOCHLOROMETHANE	ND	100	20
DIBROMOMETHANE	ND	100	20
ETHYLBENZENE	ND	100	20
HEXACHLOROBUTADIENE	ND	100	20
ISOPROPYL BENZENE	ND	100	20
METHYLENE CHLORIDE	ND	100	50
MTBE	ND	100	20
STYRENE	ND	100	20
TETRACHLOROETHYLENE	ND	100	20
TOLUENE	ND	100	20
TRANS-1,2-DICHLOROETHENE	ND	100	20
TRICHLOROETHENE	ND	500	20
TRICHLOROFLUOROMETHANE	ND	200	20
VINYL CHLORIDE	ND	50	20
XYLENES (TOTAL)	ND	200	20
M/P-XYLENES	ND	100	20
O-XYLENE	ND	100	20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	90	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: IU1246	Date Extracted:	09/18/10 13:00
Sample ID:	TB-9/15/10	Date Analyzed:	09/18/10 13:00
Lab Samp ID:	1246-11	Dilution Factor:	1
Lab File ID:	RID344	Matrix	: WATER
Ext Btch ID:	V094I16	% Moisture	: NA
Calib. Ref.:	RMD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.60
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.50J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.30
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.50
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.60
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	83	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	97	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/18/10
Batch No.	: 101246	Date Extracted:	09/18/10 12:23
Sample ID:	MBLK1W	Date Analyzed:	09/18/10 12:23
Lab Samp ID:	V0941160	Dilution Factor:	1
Lab File ID:	R10343	Matrix	: WATER
Ext Batch ID:	V094116	% Moisture	: NA
Calib. Ref.:	RHD320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,3,5-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.60
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	85	70-140
4-BROMOFLUOROBENZENE	93	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1DI246
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: VD94I16B VD94I16L VD94I16C
LAB FILE ID: RID343 RID339 RID340
DATE EXTRACTED: 09/18/1012:23 09/18/1009:55 09/18/1010:31
DATE ANALYZED: 09/18/1012:23 09/18/1009:53 09/18/1010:31
PREP. BATCH: VD94I16 VD94I16 VD94I16
CALIB. REF: RHD320 RHD320 RHD320

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 09/18/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	11.4	114	10.0	11.5	115	1	60-130	30
Benzene	ND	10.0	11.4	114	10.0	11.4	114	0	70-130	30
Chlorobenzene	ND	10.0	11.4	114	10.0	11.5	115	1	70-120	30
Toluene	ND	10.0	11.1	111	10.0	11.2	112	0	70-130	30
Trichloroethene	ND	10.0	12.3	123	10.0	12.1	121	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	7.99	80	10.0	8.21	82	70-140
4-Bromofluorobenzene	10.0	8.77	88	10.0	8.66	87	70-130
Toluene-d8	10.0	9.62	96	10.0	9.43	94	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/19/10
Batch No.	: 101246	Date Extracted:	09/19/10 02:01
Sample ID:	MBLK2W	Date Analyzed:	09/19/10 02:01
Lab Samp ID:	V0941170	Dilution Factor:	1
Lab File ID:	R10365	Matrix	: WATER
Ext Btch ID:	V094117	% Moisture	: NA
Calib. Ref.:	RH0320	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLORDETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2 DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	87	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	95	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ECC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 301246
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V094117G	V094117L	V094117C		
LAB FILE ID:	R1D365	R1D361	R1D362		
DATE EXTRACTED:	09/19/1002:01	09/18/1024:51	09/19/1000:09	DATE COLLECTED:	NA
DATE ANALYZED:	09/19/1002:01	09/18/1023:31	09/19/1000:09	DATE RECEIVED:	09/19/10
PREP. BATCH:	V094117	V094117	V094117		
CALIB. REF:	RH0320	RH0320	RH0320		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	11.2	112	10.0	11.3	113	1	60-130	30
Benzene	ND	10.0	11.0	110	10.0	11.2	112	2	70-130	30
Chlorobenzene	ND	10.0	11.1	111	10.0	11.2	112	1	70-120	30
Toluene	ND	10.0	10.8	108	10.0	10.9	109	1	70-130	30
Trichloroethene	ND	10.0	12.0	120	10.0	12.2	122	2	70 130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.52	85	10.0	8.50	85	70-140
4-Bromofluorobenzene	10.0	8.53	85	10.0	8.63	86	70-130
Toluene-d8	10.0	9.49	95	10.0	9.53	95	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101246	Date Extracted:	09/28/10 18:15
Sample ID:	MBLK3W	Date Analyzed:	09/28/10 18:15
Lab Samp ID:	V094125Q	Dilution Factor:	1
Lab File ID:	RID550	Matrix	: WATER
Ext Btch ID:	V094125	% Moisture	: NA
Calib. Ref.:	RID406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	93	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE /U.
BATCH NO.: 101246
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKJW				
LAB SAMP ID:	VO94125O	VO94125X	VO94125C		
LAB FILE ID:	RID550	RID548	RID546		
DATE EXTRACTED:	09/28/1018:15	09/28/1017:02	09/28/1015:10	DATE COLLECTED:	NA
DATE ANALYZED:	09/28/1018:15	09/28/1017:02	09/28/1015:10	DATE RECEIVED:	09/28/10
PREP. BATCH:	VO94125	VO94125	VO94125		
CALIB. REF:	RID406	RID406	RID406		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.5	105	10.0	10.6	106	1	60-130	30
Benzene	ND	10.0	9.59	96	10.0	9.68	97	1	70-130	30
Chlorobenzene	ND	10.0	9.98	100	10.0	10.1	101	1	70-130	30
Toluene	ND	10.0	9.29	93	10.0	9.40	94	1	70-130	30
Trichloroethene	ND	10.0	10.3	103	10.0	10.2	102	0	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.50	95	10.0	9.66	97	70-140
4-Bromofluorobenzene	10.0	9.91	99	10.0	9.96	100	70-130
Toluene-d8	10.0	9.12	91	10.0	8.99	90	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/29/10
Batch No.	: 701246	Date Extracted:	09/29/10 06:26
Sample ID:	MBLK4W	Date Analyzed:	09/29/10 06:26
Lab Samp ID:	V0941260	Dilution Factor:	1
Lab File ID:	R10570	Matrix	: WATER
Ext Btch ID:	V094126	% Moisture	: NA
Calib. Ref.:	R10406	Instrument ID	: T-094

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	91	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK4W				
LAB SAMP ID:	V094126Q	V094126L	V094126C		
LAB FILE ID:	RJ0570	RJ0566	RJ0567		
DATE EXTRACTED:	09/29/1006:26	09/29/1004:01	09/29/1004:57	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1006:26	09/29/1004:01	09/29/1004:37	DATE RECEIVED:	09/29/10
PREP. BATCH:	V094126	V094126	V094126		
CALIB. REF:	RID406	RID406	RID406		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.90	99	10.0	9.65	96	3	60-130	30
Benzene	ND	10.0	9.30	93	10.0	9.33	93	0	70-130	30
Chlorobenzene	ND	10.0	9.83	98	10.0	9.80	98	0	70-120	30
Toluene	ND	10.0	9.11	91	10.0	9.06	91	1	70-130	30
Trichloroethene	ND	10.0	10.1	101	10.0	10.0	100	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.66	97	10.0	9.70	97	70-140
4-Bromofluorobenzene	10.0	10.3	103	10.0	10.1	101	70-130
Toluene-d8	10.0	9.02	90	10.0	9.00	90	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-PMW09-A10		
LAB SAMP ID:	I246-02	I246-02M	I246-02S
LAB FILE ID:	RI0354	RI0355	RI0356
DATE EXTRACTED:	09/18/1019:11	09/18/1019:48	09/18/1020:25
DATE ANALYZED:	09/18/1019:11	09/18/1019:48	09/18/1020:25
PREP. BATCH:	V094116	V094116	V094116
CALIB. REF:	RH0320	RH0320	RH0320

DATE COLLECTED: 09/15/10
DATE RECEIVED: 09/16/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	5.12	10.0	17.4	123	10.0	17.0	119	2	60-140	30
Benzene	ND	10.0	12.0	120	10.0	11.5	115	4	60-140	30
Chlorobenzene	ND	10.0	11.5	115	10.0	11.3	113	2	63-132	30
Toluene	ND	10.0	11.5	115	10.0	11.5	115	3	70-140	30
Trichloroethene	8.08	10.0	21.1	130	10.0	19.0	118	6	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.43	84	10.0	8.40	84	70-140
4-Bromofluorobenzene	10.0	8.62	86	10.0	8.62	86	70-130
Toluene-d8	10.0	9.70	97	10.0	9.49	95	70-140

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RHD314
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 08/11/10
BFB Injection Time : 20:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.10
75	30.0 - 60.0% of mass 95	47.45
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.34
173	Less than 2.0% of mass 174	0.00(0.01)
174	Greater than 50% of mass 95	78.44
175	5.0 - 9.0% of mass 174	5.92(7.51)
176	95.0 - 101.0% of mass 174	76.27(97.25)
177	5.0 - 9.0% of mass 176	4.78(6.32)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.5	V094H1101	RHD315	08/11/10	21:30
2	VSTD0.5	V094H1102	RHD316	08/11/10	22:06
3	VSTD01	V094H1103	RHD317	08/11/10	22:43
4	VSTD02	V094H1104	RHD318	08/11/10	23:19
5	VSTD05	V094H1105	RHD319	08/11/10	23:54
6	VSTD010	V094H1106	RHD320	08/12/10	00:29
7	VSTD020	V094H1107	RHD321	08/12/10	01:03
8	VSTD030	V094H1108	RHD322	08/12/10	01:38
9	VSTD040	V094H1109	RHD323	08/12/10	02:13
10	VSTD050	V094H1110	RHD324	08/12/10	02:50
11	VSTD100	V094H1111	RHD325	08/12/10	03:26
12	VSTD010	IV094H1102	RHD330	08/12/10	06:32

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :08/12/10 03:26
HPChem Method :V094W11

	M	IDX	Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	Av_RRF	%_RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
		2	Dichlorodifluoromethane	------	0.211	0.249	0.272	0.275	0.321	0.317	0.306	0.316	0.317	0.333	0.292	13.33	4.7369
		3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		4	Chloromethane	0.433	0.540	0.571	0.619	0.645	0.677	0.679	0.642	0.659	0.664	0.669	0.618	12.25	5.3698
		5	Vinyl chloride	------	0.409	0.472	0.538	0.547	0.603	0.595	0.564	0.572	0.566	0.566	0.543	10.92	5.6903
		6	Bromomethane	------	0.218	0.245	0.276	0.293	0.315	0.315	0.303	0.317	0.323	0.332	0.293	12.53	6.8163
		7	Chloroethane	------	0.225	0.262	0.289	0.305	0.334	0.335	0.320	0.333	0.337	0.355	0.309	13.05	7.0064
		8	Dichlorofluoromethane	0.603	0.691	0.677	0.722	0.733	0.761	0.804	0.777	0.793	0.798	0.804	0.742	8.71	7.0794
		9	Trichlorofluoromethane	------	0.187	0.241	0.285	0.311	0.370	0.381	0.372	0.389	0.395	------	0.326	22.88	7.5835
5		10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5		11	Acrolein	0.007	0.008	0.008	0.008	0.009	0.009	0.010	0.009	0.009	0.009	0.009	0.009	8.36	8.4486
		12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.210	0.207	0.198	0.205	0.199	0.215	0.229	0.224	0.230	0.236	0.242	0.218	7.03	8.4898
5		13	Acetone	------	------	0.035	0.034	0.030	0.027	0.028	0.027	0.027	0.028	0.029	0.029	9.44	8.5592
		14	1,1-Dichloroethene	0.526	0.574	0.544	0.564	0.559	0.580	0.607	0.583	0.592	0.604	0.606	0.576	4.57	8.8634
5		15	tert-Butyl alcohol	------	------	0.012	0.013	0.013	0.013	0.014	0.012	0.012	0.013	0.012	0.013	3.87	8.9524
10		16	Acetonitrile	0.018	0.017	0.016	0.015	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	9.55	9.0973
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Iodomethane	0.546	0.620	0.595	0.619	0.634	0.647	0.692	0.672	0.686	0.700	0.717	0.648	7.94	9.5054
		19	Methylene chloride	0.487	0.467	0.422	0.423	0.426	0.418	0.436	0.413	0.412	0.418	0.413	0.430	5.67	9.7753
		20	Carbon disulfide	------	0.851	1.087	1.136	1.180	1.243	1.271	1.268	1.299	1.314	1.310	1.196	12.01	9.8857
5		21	Acrylonitrile	0.033	0.037	0.037	0.038	0.038	0.039	0.041	0.039	0.040	0.041	0.042	0.039	6.79	9.9601
		22	tert-Butyl methyl ether (MTBE)	0.245	0.282	0.271	0.272	0.292	0.298	0.323	0.319	0.324	0.333	0.349	0.301	10.46	9.9960
		23	trans-1,2-Dichloroethene	0.463	0.504	0.479	0.512	0.511	0.513	0.540	0.532	0.515	0.519	0.513	0.507	4.05	10.2964
		24	Isopropyl ether (DIPE)	0.878	0.971	0.938	0.942	0.985	0.980	1.035	0.991	0.993	1.015	0.999	0.975	4.38	10.7537
		25	Vinyl acetate	------	0.241	0.228	0.245	0.279	0.296	0.302	0.288	0.297	0.306	0.316	0.280	10.98	10.9634
		26	1,1-Dichloroethane	0.553	0.616	0.576	0.591	0.608	0.602	0.640	0.605	0.611	0.618	0.612	0.603	3.81	11.0355
5		27	2-Butanol	0.007	0.007	0.008	0.008	0.008	0.007	0.008	0.008	0.008	0.009	0.009	0.008	8.04	11.3373
		28	tert-Butyl ethyl ether (ETBE)	0.328	0.400	0.389	0.411	0.437	0.448	0.486	0.480	0.486	0.500	0.524	0.444	13.09	11.4516
5		29	2-Butanone	0.052	0.057	0.053	0.049	0.048	0.048	0.051	0.048	0.049	0.051	0.052	0.051	5.22	11.6829
		30	2,2-Dichloropropane	0.252	0.259	0.241	0.250	0.246	0.242	0.246	0.235	0.226	0.222	0.209	0.239	6.14	11.9767
		31	cis-1,2-Dichloroethene	0.281	0.339	0.295	0.305	0.311	0.311	0.332	0.321	0.325	0.333	0.339	0.315	5.54	12.0538
		32	Chloroform	0.427	0.484	0.465	0.473	0.490	0.485	0.514	0.494	0.499	0.507	0.505	0.486	5.00	12.3103
		33	Bromochloromethane	0.199	0.224	0.217	0.212	0.225	0.219	0.229	0.220	0.221	0.224	0.222	0.219	3.72	12.5988
		34	Tetrahydrofuran	------	------	------	0.030	0.026	0.026	0.026	0.025	0.025	0.026	0.026	0.026	5.96	12.6299
		35	Dibromofluoromethane	0.304	0.321	0.257	0.276	0.249	0.291	0.297	0.286	0.292	0.300	0.305	0.289	7.32	12.6653
		36	1,1,1-Trichloroethane	0.306	0.339	0.312	0.326	0.331	0.338	0.350	0.342	0.339	0.340	0.338	0.333	3.98	12.9724
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	------	0.048	0.049	0.050	0.055	0.057	0.063	0.065	0.066	0.069	------	0.058	13.59	13.3124
		39	1,2-Dichloroethane-d4	0.201	0.203	0.166	0.180	0.159	0.184	0.186	0.179	0.181	0.187	0.188	0.183	7.03	13.4549
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	16.6886
		41	1,1-Dichloropropene	0.171	0.180	0.159	0.167	0.163	0.172	0.164	0.185	0.187	0.187	0.196	0.177	6.58	13.2090
		42	Carbon tetrachloride	0.388	0.406	0.387	0.386	0.387	0.403	0.428	0.431	0.434	0.431	0.449	0.412	5.67	13.4084
		43	1,2-Dichloroethane	0.254	0.273	0.254	0.252	0.262	0.261	0.271	0.264	0.266	0.263	0.266	0.262	2.63	13.6012
		44	Benzene	1.483	1.652	1.473	1.463	1.470	1.478	1.576	1.575	1.583	1.565	1.439	1.523	4.51	13.6663
		45	Trichloroethene	0.422	0.433	0.412	0.415	0.414	0.418	0.444	0.439	0.442	0.442	0.468	0.432	4.01	14.5942
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	0.351	0.378	0.345	0.346	0.352	0.349	0.364	0.358	0.357	0.357	0.366	0.357	2.73	14.8587
20		48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	12.15	15.2069

49	Bromodichloromethane	0.342	0.386	0.359	0.363	0.375	0.376	0.392	0.387	0.388	0.388	0.401	0.378	4.56	15.2376
50	Dibromomethane	0.109	0.122	0.120	0.119	0.122	0.122	0.130	0.127	0.130	0.131	0.135	0.124	5.66	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	0.042	0.045	0.050	0.053	0.056	0.058	0.065	0.053	14.84	15.5602
5 52	4-Methyl-2-pentanone	0.123	0.132	0.130	0.132	0.134	0.135	0.139	0.137	0.138	0.140	0.143	0.135	4.13	15.6045
53	cis-1,3-Dichloropropene	0.439	0.474	0.452	0.446	0.461	0.456	0.481	0.478	0.480	0.482	0.496	0.468	3.83	16.0139
54	Toluene-d8	1.458	1.435	1.122	1.174	1.022	1.190	1.221	1.209	1.226	1.234	1.179	1.225	10.22	16.4260
55	Toluene	1.388	1.482	1.348	1.343	1.351	1.361	1.445	1.443	1.435	1.448	1.303	1.395	4.14	16.5550
56	Ethyl methacrylate	0.162	0.175	0.186	0.184	0.193	0.201	0.220	0.221	0.227	0.232	0.235	0.203	12.34	16.6201
57	trans-1,3-Dichloropropene	0.262	0.288	0.287	0.296	0.306	0.308	0.329	0.326	0.328	0.331	0.336	0.309	7.65	16.7504
5 58	2-Hexanone	0.073	0.078	0.075	0.076	0.080	0.082	0.085	0.084	0.084	0.085	0.085	0.081	5.50	16.9232
59	1,1,2-Trichloroethane	0.136	0.158	0.143	0.145	0.149	0.149	0.160	0.158	0.159	0.161	0.163	0.153	5.70	17.0349
60	1,3-Dichloropropane	0.283	0.318	0.300	0.304	0.312	0.310	0.331	0.327	0.329	0.334	0.335	0.317	5.20	17.4124
61	Tetrachloroethene	0.340	0.339	0.305	0.313	0.309	0.314	0.336	0.335	0.335	0.337	0.351	0.329	4.64	17.5812
62	Dibromochloromethane	0.218	0.244	0.228	0.238	0.244	0.248	0.263	0.260	0.263	0.266	0.265	0.249	6.53	17.9029
63	1,2-Dibromoethane	0.139	0.163	0.152	0.154	0.161	0.164	0.174	0.171	0.172	0.175	0.172	0.163	6.95	18.2020
64	1-Chlorohexane	0.603	0.614	0.583	0.589	0.597	0.622	0.676	0.678	0.683	0.684	0.681	0.637	6.72	18.2539
65	Chlorobenzene	0.832	0.917	0.840	0.853	0.882	0.876	0.929	0.921	0.923	0.920	0.855	0.886	4.19	18.7364
66	Ethylbenzene	1.642	1.739	1.575	1.590	1.602	1.584	1.718	1.656	1.629	1.575	1.226	1.594	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	0.280	0.310	0.294	0.297	0.305	0.311	0.338	0.334	0.336	0.339	0.344	0.317	6.92	18.7643
2 68	m-Xylene & p-Xylene	1.180	1.224	1.150	1.157	1.167	1.191	1.255	1.190	1.118	1.035	------	1.167	5.16	18.8480
69	o-Xylene	1.085	1.170	1.102	1.143	1.158	1.163	1.206	1.179	1.172	1.156	1.006	1.140	4.92	19.4144
70	Styrene	0.688	0.774	0.743	0.782	0.827	0.856	0.939	0.931	0.951	0.950	0.876	0.847	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	4.916	5.063	4.648	4.636	4.632	4.640	4.894	4.677	4.492	4.443	3.575	4.602	8.41	19.8105
73	Bromoform	0.288	0.310	0.315	0.306	0.316	0.322	0.349	0.333	0.331	0.342	0.354	0.324	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	0.478	0.500	0.495	0.505	0.503	0.499	0.530	0.499	0.499	0.509	0.511	0.503	2.52	20.0099
75	4-Bromofluorobenzene	------	1.374	1.046	1.052	0.908	1.050	1.084	1.059	1.056	1.086	1.133	1.085	10.74	20.1377
76	1,2,3-Trichloropropane	0.089	0.112	0.115	0.112	0.110	0.111	0.120	0.116	0.116	0.119	0.123	0.113	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	0.084	0.100	0.116	0.115	0.098	0.127	0.104	0.104	0.115	0.115	0.108	11.20	20.2196
78	n-Propylbenzene	6.260	6.168	5.670	5.664	5.699	5.805	6.167	5.801	5.481	5.243	------	5.796	5.58	20.2708
79	Bromobenzene	0.983	1.034	0.974	0.963	0.973	0.978	1.057	1.018	1.023	1.057	1.098	1.014	4.33	20.4234
80	1,3,5-Trimethylbenzene	3.564	3.625	3.344	3.329	3.349	3.397	3.629	3.513	3.461	3.481	2.999	3.426	5.20	20.4420
81	2-Chlorotoluene	3.655	4.204	3.772	3.379	3.413	3.488	3.640	3.704	3.631	3.261	2.859	3.546	9.52	20.5417
82	4-Chlorotoluene	2.659	2.207	2.072	2.328	2.370	2.340	2.603	2.313	2.292	2.765	2.505	2.404	8.61	20.5789
83	tert-Butylbenzene	0.890	0.934	0.856	0.870	0.868	0.896	0.984	0.962	0.967	1.005	1.058	0.936	6.99	20.8713
84	1,2,4-Trimethylbenzene	3.298	3.291	3.053	3.014	3.106	3.161	3.412	3.266	3.245	3.295	2.872	3.183	4.96	20.9152
85	sec-Butylbenzene	5.177	5.100	4.723	4.766	4.841	5.038	5.356	5.134	4.958	4.837	3.779	4.880	8.46	21.1120
86	p-Isopropyltoluene	4.017	3.928	3.639	3.777	3.885	4.052	4.384	4.228	4.137	4.115	3.351	3.956	7.29	21.2489
87	1,3-Dichlorobenzene	2.065	2.081	1.887	1.920	1.985	1.975	2.125	2.046	2.036	2.088	2.069	2.025	3.68	21.4536
88	1,4-Dichlorobenzene	1.931	1.889	1.759	1.764	1.836	1.842	1.984	1.919	1.917	1.970	1.957	1.888	4.15	21.5706
89	n-Butylbenzene	4.108	3.932	3.629	3.736	3.893	4.027	4.402	4.212	4.172	4.239	3.684	4.003	6.27	21.7181
90	1,2-Dichlorobenzene	1.476	1.518	1.436	1.409	1.465	1.456	1.556	1.490	1.499	1.547	1.558	1.492	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	0.053	0.062	0.063	0.062	0.069	0.068	0.069	0.072	0.074	0.066	9.97	22.9790
92	1,2,4-Trichlorobenzene	0.531	0.524	0.495	0.523	0.584	0.604	0.676	0.663	0.655	0.684	0.711	0.605	12.79	24.1801
93	Hexachlorobutadiene	0.508	0.485	0.424	0.451	0.467	0.476	0.521	0.502	0.486	0.508	0.506	0.485	5.96	24.3263
94	Naphthalene	------	0.563	0.534	0.583	0.653	0.706	0.833	------	------	------	------	0.645	17.26	24.6487
95	1,2,3-Trichlorobenzene	------	0.325	0.297	0.326	0.373	0.393	0.452	0.442	0.443	------	------	0.381	15.98	25.0149

Spike Amount = Nominal Amount * M

Ave_%RSD : 7.6 Max_%RSD : 22.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = x0 + x1 * Amt_Ratio

	Parameter	x0	x1	CCF
10	Trichlorofluoromethane	-0.01435	0.38831	0.9994
94	Naphthalene	-0.02203	0.78641	0.9950
95	1,2,3-Trichlorobenzene	-0.01232	0.44155	0.9988

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T094
Beginning DateTime :08/11/10 21:30
Spike Units :PPB
IC File :RHD320

Column Spec :RTX502.2 ID :0.32mm
Ending DateTime :08/12/10 03:26
HPChem Method :V094R11

		Parameters	.3 21:30 RHD315	.5 22:06 RHD316	1 22:43 RHD317	2 23:19 RHD318	5 23:54 RHD319	10 00:29 RHD320	20 01:03 RHD321	30 01:38 RHD322	40 02:13 RHD323	50 02:50 RHD324	100 03:26 RHD325	AvgRec	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0039
	2	Dichlorodifluoromethane	------	72	65	93	94	110	109	105	108	109	114	13.9	13.33	4.7369
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	70	87	92	100	104	110	110	104	107	107	108	9.1	12.25	5.3698
	5	Vinyl chloride	------	75	87	99	101	111	110	104	105	104	104	7.8	10.92	5.6903
	6	Bromomethane	------	74	84	94	99	108	108	103	108	109	113	9.8	12.53	6.8163
	7	Chloroethane	------	73	85	94	99	108	108	104	108	109	115	10.2	13.05	7.0064
	8	Dichlorofluoromethane	81	93	91	97	99	103	108	105	107	108	108	7	8.7	7.0794
	9	Trichlorofluoromethane	------	122	99	92	88	99	100	97	101	102	------	5.6	9.5	7.5835
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	78	89	89	89	100	100	111	100	100	103	100	6.1	8.36	8.4466
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	96	95	91	94	91	99	105	103	106	108	111	6	7.03	8.4898
5	13	Acetone	------	------	121	117	103	93	97	93	93	97	100	7.7	9.44	8.5592
	14	1,1-Dichloroethene	91	100	94	98	97	101	105	101	103	105	105	3.6	4.57	8.8634
5	15	tert-Butyl alcohol	------	------	92	100	100	100	108	92	92	100	92	4.3	3.87	8.9524
10	16	Acetonitrile	120	113	107	100	87	93	93	93	93	93	93	8.5	9.55	9.0973
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	84	96	92	96	98	100	107	104	106	108	111	6.4	7.94	9.5054
	19	Methylene chloride	113	109	98	98	99	97	101	96	96	97	96	4.1	5.67	9.7753
	20	Carbon disulfide	------	71	91	95	99	104	106	106	109	110	110	8.9	12.01	9.8857
5	21	Acrylonitrile	85	95	95	97	97	100	105	100	103	105	108	4.7	6.79	9.9601
	22	tert-Butyl methyl ether (MTBE)	81	94	90	90	97	99	107	106	108	111	116	8.7	10.46	9.9960
	23	trans-1,2-Dichloroethene	91	99	94	101	101	101	107	101	102	102	101	2.8	4.05	10.2964
	24	Isopropyl ether (DIPE)	90	100	96	97	101	101	106	102	102	104	102	3.2	4.38	10.7537
	25	Vinyl acetate	------	86	81	88	100	106	108	103	106	109	113	9	10.98	10.9634
	26	1,1-Dichloroethane	92	102	96	98	101	100	106	100	101	102	101	2.7	3.81	11.0355
5	27	2-Butanol	87	87	100	100	100	87	100	100	100	112	112	5.7	8.04	11.3373
	28	tert-Butyl ethyl ether (ETBE)	74	90	88	93	98	101	109	108	109	113	118	10.5	13.09	11.4516
5	29	2-Butanone	102	112	104	96	94	94	100	94	96	100	102	4.1	5.22	11.6829
	30	2,2-Dichloropropane	105	108	101	105	103	101	103	98	95	93	87	4.8	6.14	11.9767
	31	cis-1,2-Dichloroethene	89	98	94	97	99	99	105	102	103	106	108	4.4	5.54	12.0538
	32	Chloroform	88	100	96	97	101	100	106	102	103	104	104	3.5	5.00	12.3103
	33	Bromochloromethane	91	102	99	97	103	100	105	100	101	102	101	2.5	3.72	12.5988
	34	Tetrahydrofuran	------	------	------	115	100	100	100	96	96	100	100	2.9	5.96	12.6299
	35	Dibromofluoromethane	105	111	89	96	86	101	103	99	101	104	106	5.5	7.32	12.6653
	36	1,1,1-Trichloroethane	92	102	94	98	99	102	105	103	102	102	102	3.1	3.98	12.9724
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	------	83	84	86	95	98	109	112	114	119	------	11.9	13.59	13.3124
	39	1,2-Dichloroethane-d4	110	111	91	98	87	101	102	98	99	102	103	5	7.03	13.4549
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6886
	41	1,1-Dichloropropene	97	102	90	94	92	97	104	105	106	106	111	5.6	6.58	13.2090
	42	Carbon tetrachloride	94	99	94	94	94	98	104	105	105	105	109	5	5.67	13.4084
	43	1,2-Dichloroethane	97	104	97	96	100	100	103	101	102	100	102	2	2.63	13.6012
	44	Benzene	97	108	97	96	97	97	103	103	104	103	94	4	4.51	13.6663
	45	Trichloroethene	98	100	95	96	96	97	103	102	102	102	108	3.3	4.01	14.5942
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	98	106	97	97	99	98	102	100	100	100	103	2	2.73	14.8587
23	48	1,4-Dioxane	------	100	100	100	100	100	100	100	100	100	100	0	12.15	15.2069

Sec
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49	Bromodichloromethane	90	102	95	96	99	99	104	102	103	103	106	3.6	4.56	15.2376
50	Dibromomethane	88	98	97	96	98	98	105	102	105	106	109	4.6	5.86	15.3546
51	2-Chloroethyl vinyl ether	------	------	------	------	79	85	94	100	106	109	123	11.3	14.84	15.5602
52	4-Methyl-2-pentanone	91	98	96	98	99	100	103	101	102	104	106	3.1	4.13	15.6045
53	cis-1,3-Dichloropropene	94	101	97	95	99	97	103	102	103	103	106	3.3	3.83	16.0139
54	Toluene-d8	119	117	92	96	83	97	100	99	100	101	96	6.8	10.22	16.4260
55	Toluene	99	106	97	96	97	98	104	103	103	104	93	3.6	4.14	16.5550
56	Ethyl methacrylate	80	86	92	91	95	99	108	109	112	114	116	10.6	12.34	16.6201
57	trans-1,3-Dichloropropene	85	93	93	96	99	103	106	106	106	107	109	6.2	7.65	16.7504
58	2-Hexanone	90	96	93	94	99	101	105	104	104	105	105	4.7	5.50	16.9232
59	1,1,2-Trichloroethane	89	103	93	95	97	97	105	103	104	105	107	5	5.70	17.0349
60	1,3-Dichloropropane	89	100	95	96	98	98	104	103	104	105	106	4.2	5.20	17.4124
61	Tetrachloroethene	103	103	93	95	94	95	102	102	102	102	107	4	4.64	17.5812
62	Dibromochloromethane	88	98	92	96	98	99	106	104	106	107	106	5.4	6.53	17.9029
63	1,2-Dibromoethane	85	100	93	94	99	101	107	105	106	107	106	5.4	6.95	18.2020
64	1-Chlorohexane	95	96	92	92	94	98	106	106	107	107	107	6.2	6.72	18.2539
65	Chlorobenzene	94	103	95	96	100	99	105	104	104	104	97	3.7	4.19	18.7364
66	Ethylbenzene	103	109	99	100	101	99	108	104	102	99	77	4.8	8.42	18.7510
67	1,1,1,2-Tetrachloroethane	88	98	93	94	96	98	107	105	106	107	109	6.1	8.92	18.7643
68	m-Xylene & p-Xylene	101	105	99	99	100	102	108	102	96	89	------	3.5	5.16	18.8480
69	o-Xylene	95	103	97	100	102	102	106	103	103	101	88	3.6	4.92	19.4144
70	Styrene	81	91	88	92	98	101	111	110	112	112	103	9	10.83	19.4503
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0026
72	Isopropylbenzene	107	110	101	101	101	101	106	102	98	97	78	5.1	8.41	19.8105
73	Bromoform	89	96	97	94	98	99	108	103	102	106	109	4.9	6.15	19.9368
74	1,1,2,2-Tetrachloroethane	95	99	98	100	100	99	105	99	99	101	102	1.6	2.52	20.0099
75	4-Bromofluorobenzene	------	127	96	97	84	97	100	98	97	100	104	6.2	10.74	20.1377
76	1,2,3-Trichloropropane	79	99	102	99	97	98	106	103	103	105	109	5	7.95	20.1947
77	trans-1,4-Dichloro-2-butene	------	78	93	107	106	91	118	96	96	106	106	9.1	11.20	20.2196
78	n-Propylbenzene	108	106	98	98	98	103	106	100	95	90	------	4.2	5.58	20.2708
79	Bromobenzene	97	102	96	95	96	96	104	100	101	104	108	3.6	4.33	20.4234
80	1,3,5-Trimethylbenzene	104	106	98	97	98	99	106	103	101	102	88	3.8	5.20	20.4420
81	2-Chlorotoluene	103	119	106	95	96	98	103	104	102	92	81	6.8	9.52	20.5417
82	4-Chlorotoluene	111	92	86	97	99	97	108	96	95	115	104	6.9	8.61	20.5789
83	tert-Butylbenzene	95	100	91	93	93	96	105	103	103	107	113	5.8	6.99	20.8713
84	1,2,4-Trimethylbenzene	104	103	96	95	98	99	107	103	102	104	90	4	4.96	20.9152
85	sec-Butylbenzene	106	105	97	98	99	103	110	105	102	99	77	5.4	8.46	21.1120
86	p-Isopropyltoluene	102	99	92	95	98	102	111	107	105	104	85	5.5	7.29	21.2489
87	1,3-Dichlorobenzene	102	103	93	95	98	98	105	101	101	103	102	3	3.68	21.4536
88	1,4-Dichlorobenzene	102	100	93	93	97	98	105	102	102	104	104	3.4	4.15	21.5706
89	n-Butylbenzene	103	98	91	93	97	101	110	105	104	106	92	5.2	6.27	21.7181
90	1,2-Dichlorobenzene	99	102	96	94	98	98	104	100	103	104	104	2.7	3.32	22.0385
91	1,2-Dibromo-3-chloropropane	------	------	80	94	95	94	105	103	105	109	112	7.7	9.97	22.9790
92	1,2,4-Trichlorobenzene	88	87	82	86	97	100	112	110	108	113	118	11	12.79	24.1801
93	Hexachlorobutadiene	105	100	87	93	96	98	107	104	103	105	104	4.6	5.96	24.3263
94	Naphthalene	------	128	96	88	89	93	107	------	------	------	------	11.5	15.2	24.6487
95	1,2,3-Trichlorobenzene	------	129	95	88	90	92	104	101	101	------	------	8.8	13.2	25.0149

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RID400
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 09/22/10
BFB Injection Time : 10:22
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.93
75	30.0 - 60.0% of mass 95	41.09
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.84
173	Less than 2.0% of mass 174	0.00(0.00)1
174	Greater than 50% of mass 95	99.73
175	5.0 - 9.0% of mass 174	7.40(7.42)1
176	95.0 - 101.0% of mass 174	96.00(96.35)1
177	5.0 - 9.0% of mass 176	5.90(6.25)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.5	V0941 2201	RID401	09/22/10	11:00
2	VSTD0.5	V0941 2202	RID402	09/22/10	11:40
3	VSTD01	V0941 2203	RID403	09/22/10	12:18
4	VSTD02	V0941 2204	RID404	09/22/10	12:55
5	VSTD05	V0941 2205	RID405	09/22/10	13:33
6	VSTD010	V0941 2206	RID406	09/22/10	14:10
7	VSTD020	V0941 2207	RID407	09/22/10	14:48
8	VSTD030	V0941 2208	RID408	09/22/10	15:25
9	VSTD040	V0941 2209	RID409	09/22/10	16:03
10	VSTD050	V0941 2210	RID410	09/22/10	16:40
11	VSTD100	V0941 2211	RID411	09/22/10	17:17
12	VSTD010	IV0941 2201	RID415	09/22/10	19:48

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T094
Beginning DateTime :09/22/10 11:00
Spike Units :PPB
IC File :RID406

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/22/10 17:17
MPChem Method :VC94122

M	IDX	Parameters	.3 11:00 RID401	.5 11:40 RID402	1 12:18 RID403	2 12:55 RID404	5 13:33 RID405	10 14:10 RID406	20 14:48 RID407	30 15:25 RID408	40 16:03 RID409	50 16:40 RID410	100 17:17 RID411	Av_RRF	%_RSD	Av_RT_N
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0154
	2	Dichlorodifluoromethane	0.263	0.278	0.298	0.291	0.296	0.307	0.308	0.316	0.293	0.291	0.281	0.293	5.13	4.7538
	3	Dichlorotetrafluoroethene	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	0.492	0.512	0.523	0.500	0.521	0.515	0.527	0.512	0.511	0.504	0.495	0.510	2.22	5.3879
	5	Vinyl chloride	0.454	0.459	0.474	0.467	0.490	0.481	0.478	0.469	0.440	0.434	0.398	0.459	5.74	5.7030
	6	Bromomethane	0.292	0.270	0.297	0.293	0.312	0.318	0.325	0.336	0.321	0.320	0.318	0.309	6.16	6.8356
	7	Chloroethane	0.248	0.250	0.268	0.269	0.284	0.293	0.298	0.309	0.292	0.292	0.292	0.281	7.06	7.0243
	8	Dichlorofluoromethane	0.703	0.712	0.731	0.764	0.797	0.824	0.818	0.839	0.813	0.812	0.787	0.782	6.10	7.0988
	9	Trichlorofluoromethane	0.266	0.295	0.308	0.315	0.350	0.367	0.378	0.394	0.375	0.377	0.370	0.345	12.17	7.5946
5	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	3.27	8.4667
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.297	0.297	0.275	0.261	0.288	0.303	0.292	0.308	0.288	0.284	0.287	0.291	3.37	8.5026
5	13	Acetone	------	------	0.031	0.027	0.024	0.023	0.021	0.022	0.022	0.022	0.021	0.024	13.29	8.5774
	14	1,1-Dichloroethene	0.556	0.566	0.569	0.575	0.593	0.622	0.614	0.639	0.607	0.601	0.611	0.596	4.42	8.8826
5	15	tert-Butyl alcohol	------	0.007	0.007	0.008	0.008	0.007	0.008	0.008	0.007	0.007	0.007	0.007	5.56	8.9703
10	16	Acetonitrile	0.014	0.014	0.012	0.012	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	6.90	9.1154
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.636	0.656	0.666	0.686	0.719	0.752	0.750	0.777	0.748	0.748	0.752	0.717	6.68	9.5235
	19	Methylene chloride	0.436	0.439	0.390	0.382	0.391	0.404	0.394	0.404	0.383	0.380	0.374	0.397	5.07	9.7960
	20	Carbon disulfide	1.144	1.348	1.368	1.372	1.413	1.500	1.510	1.517	1.485	1.478	1.429	1.415	7.66	9.9024
5	21	Acrylonitrile	0.025	0.028	0.029	0.030	0.032	0.033	0.033	0.034	0.033	0.033	0.033	0.031	9.00	9.9782
	22	tert-Butyl methyl ether (MTBE)	0.253	0.273	0.273	0.291	0.314	0.331	0.330	0.342	0.331	0.330	0.331	0.309	9.97	10.0127
	23	trans-1,2-Dichloroethene	0.469	0.476	0.465	0.488	0.501	0.521	0.512	0.530	0.503	0.492	0.485	0.495	4.25	10.3158
	24	Isopropyl ether (DIPE)	0.787	0.787	0.796	0.827	0.878	0.924	0.907	0.946	0.907	0.890	0.873	0.866	6.61	10.7691
	25	Vinyl acetate	0.238	0.248	0.223	0.229	0.260	0.270	0.278	0.295	0.284	0.281	0.282	0.263	9.38	10.9738
	26	1,1-Dichloroethane	0.551	0.556	0.567	0.572	0.593	0.618	0.606	0.631	0.603	0.590	0.576	0.588	4.39	11.0470
5	27	2-Butanol	------	------	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.006	12.79	11.3558
	28	tert-Butyl ethyl ether (ETBE)	0.414	0.424	0.440	0.460	0.495	0.517	0.511	0.531	0.514	0.512	0.510	0.484	8.62	11.4617
5	29	2-Butanone	0.048	0.045	0.039	0.039	0.039	0.040	0.039	0.042	0.040	0.040	0.040	0.041	6.60	11.6983
	30	2,2-Dichloropropane	0.244	0.227	0.234	0.237	0.246	0.250	0.241	0.240	0.229	0.219	0.194	0.233	6.78	11.9868
	31	cis-1,2-Dichloroethene	0.315	0.328	0.330	0.336	0.350	0.365	0.365	0.380	0.369	0.360	0.358	0.351	5.83	12.0705
	32	Chloroform	0.463	0.459	0.462	0.482	0.503	0.524	0.516	0.530	0.511	0.498	0.492	0.494	5.12	12.3218
	33	Bromochloromethane	0.166	0.179	0.184	0.188	0.202	0.210	0.206	0.211	0.204	0.199	0.193	0.195	7.31	12.6103
	34	Tetrahydrofuran	------	------	0.026	0.024	0.022	0.022	0.022	0.023	0.022	0.022	0.021	0.022	6.28	12.6475
	35	Dibromofluoromethane	0.295	0.268	0.262	0.266	0.264	0.298	0.294	0.300	0.294	0.288	0.288	0.283	5.27	12.6807
	36	1,1,1-Trichloroethane	0.334	0.327	0.327	0.346	0.362	0.370	0.360	0.372	0.351	0.345	0.323	0.347	5.04	12.9851
	37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	38	tert-Amyl methyl ether (TAME)	0.052	0.058	0.061	0.065	0.071	0.074	0.075	0.079	0.079	0.078	0.080	0.070	13.78	13.3281
	39	1,2-Dichloroethane-d4	0.159	0.142	0.134	0.137	0.142	0.158	0.156	0.158	0.154	0.149	0.148	0.149	5.95	13.4677
	40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6960
	41	1,1-Dichloropropene	0.215	0.221	0.204	0.209	0.219	0.228	0.224	0.239	0.223	0.213	0.212	0.219	4.40	13.2244
	42	Carbon tetrachloride	0.425	0.444	0.434	0.439	0.449	0.470	0.461	0.491	0.453	0.439	0.437	0.449	4.17	13.4185
	43	1,2-Dichloroethane	0.228	0.234	0.225	0.234	0.247	0.258	0.253	0.264	0.245	0.234	0.231	0.241	5.34	13.6166
	44	Benzene	1.627	1.657	1.611	1.624	1.668	1.745	1.716	1.825	1.699	1.624	1.450	1.659	5.70	13.6791
	45	Trichloroethene	0.526	0.516	0.491	0.500	0.512	0.531	0.513	0.542	0.502	0.483	0.481	0.509	3.83	14.6043
	46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	1,2-Dichloropropane	0.330	0.356	0.347	0.349	0.367	0.378	0.364	0.383	0.353	0.340	0.333	0.355	4.86	14.8662
20	48	1,4-Dioxane	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	6.43	15.2215
	49	Bromodichloromethane	0.347	0.364	0.363	0.370	0.392	0.408	0.397	0.413	0.390	0.372	0.370	0.380	5.44	15.2504
	50	Dibromomethane	0.110	0.131	0.127	0.128	0.135	0.139	0.135	0.142	0.134	0.130	0.130	0.131	6.39	15.3673
	51	2-Chloroethyl vinyl ether	------	------	------	0.037	0.047	0.047	0.052	0.057	0.056	0.057	0.062	0.052	14.93	15.5806
5	52	4-Methyl-2-pentanone	0.108	0.112	0.109	0.112	0.114	0.117	0.114	0.121	0.114	0.112	0.115	0.113	3.15	15.6173
	53	cis-1,3-Dichloropropene	0.440	0.448	0.444	0.453	0.479	0.500	0.490	0.510	0.483	0.464	0.461	0.470	5.03	16.0254
	54	Toluene-d8	1.416	1.320	1.220	1.207	1.169	1.301	1.258	1.275	1.237	1.179	1.114	1.245	6.65	16.4428
	55	Toluene	1.580	1.580	1.536	1.550	1.589	1.632	1.594	1.660	1.559	1.488	1.314	1.553	5.90	16.5664
	56	Ethyl methacrylate	0.147	0.168	0.162	0.173	0.187	0.205	0.204	0.217	0.208	0.204	0.215	0.190	12.50	16.6342
	57	trans-1,3-Dichloropropene	0.250	0.274	0.271	0.284	0.310	0.320	0.317	0.327	0.314	0.303	0.312	0.298	8.26	16.7645
5	58	2-Hexanone	0.057	0.061	0.062	0.065	0.067	0.071	0.069	0.073	0.069	0.069	0.070	0.067	7.24	16.9439

59	1,1,2-Trichloroethene	0.151	0.163	0.157	0.161	0.170	0.175	0.172	0.177	0.170	0.166	0.171	0.167	4.72	17.0450
60	1,3-Dichloropropane	0.280	0.301	0.290	0.310	0.320	0.326	0.322	0.334	0.321	0.311	0.319	0.312	5.19	17.4225
61	Tetrachloroethene	0.478	0.453	0.420	0.420	0.427	0.434	0.417	0.433	0.410	0.395	0.408	0.427	5.31	17.5980
62	Dibromochloromethane	0.221	0.238	0.230	0.241	0.256	0.267	0.266	0.274	0.266	0.261	0.271	0.254	7.17	17.9197
63	1,2-Dibromoethane	0.157	0.163	0.163	0.172	0.181	0.188	0.185	0.192	0.185	0.182	0.186	0.178	6.70	18.2121
64	1-Chlorohexane	0.594	0.562	0.550	0.554	0.572	0.59[illegible]	0.589	0.621	0.599	0.583	0.586	0.582	3.62	18.2653
65	Chlorobenzene	1.005	0.985	0.983	0.988	1.012	1.039	1.024	1.058	1.012	0.984	0.899	0.999	4.12	18.7532
66	Ethylbenzene	1.923	1.841	1.780	1.802	1.813	1.846	1.840	1.896	1.786	1.668	1.267	1.769	10.13	18.7678
67	1,1,1,2-Tetrachloroethane	0.309	0.318	0.311	0.320	0.337	0.347	0.351	0.365	0.352	0.347	0.348	0.337	5.68	18.7771
2 68	m-Xylene & p-Xylene	1.402	1.347	1.330	1.339	1.358	1.402	1.376	1.380	1.233	1.099	------	1.327	7.05	18.8558
69	o-Xylene	1.316	1.273	1.289	1.307	1.346	1.389	1.359	1.396	1.309	1.239	1.038	1.296	7.57	19.4258
70	Styrene	0.837	0.855	0.905	0.945	1.021	1.094	1.100	1.153	1.082	1.033	0.926	0.996	10.78	19.4617
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	22.0141
72	Isopropylbenzene	5.578	5.327	5.109	5.109	5.125	5.034	5.084	5.124	4.853	4.572	------	5.092	5.18	19.8209
73	Bromoform	0.320	0.328	0.333	0.330	0.357	0.367	0.374	0.389	0.372	0.379	0.370	0.355	6.30	19.9523
74	1,1,2,2-Tetrachloroethane	0.486	0.504	0.483	0.487	0.511	0.511	0.504	0.516	0.492	0.491	0.477	0.497	2.64	20.0254
75	4-Bromofluorobenzene	------	1.157	1.000	0.952	0.946	1.032	1.030	1.022	1.024	1.017	1.011	1.020	5.51	20.1494
76	1,2,3-Trichloropropane	0.086	0.110	0.107	0.113	0.115	0.116	0.117	0.120	0.116	0.117	0.116	0.112	8.29	20.2308
77	trans-1,4-Dichloro-2-butene	------	------	------	0.070	0.071	0.087	0.084	0.088	0.085	0.087	0.089	0.083	9.44	20.2306
78	n-Propylbenzene	6.961	6.451	6.337	6.135	6.354	6.419	6.317	6.328	5.781	5.319	------	6.240	6.97	20.2889
79	Bromobenzene	1.230	1.197	1.154	1.161	1.190	1.215	1.218	1.245	1.193	1.194	1.174	1.197	2.35	20.4348
80	1,3,5-Trimethylbenzene	3.990	3.764	3.624	3.605	3.711	3.765	3.745	3.848	3.627	3.567	2.875	3.647	7.77	20.4508
81	2-Chlorotoluene	3.834	4.231	3.093	3.468	3.200	4.114	3.553	3.589	3.319	3.209	3.189	3.527	10.97	20.5518
82	4-Chlorotoluene	3.047	2.083	2.935	2.504	2.988	2.179	2.708	2.867	2.815	2.860	1.936	2.629	14.94	20.5903
83	tert-Butylbenzene	1.058	0.999	0.979	0.971	1.014	1.036	1.037	1.075	1.033	1.044	1.022	1.024	3.1[illegible]	20.8815
84	1,2,4-Trimethylbenzene	3.524	3.305	3.237	3.251	3.363	3.460	3.473	3.61[illegible]	3.375	3.353	2.781	3.339	6.52	20.9267
85	sec-Butylbenzene	5.953	5.564	5.428	5.422	5.603	5.708	5.647	5.758	5.258	4.998	------	5.534	4.90	21.1223
86	p-Isopropyltoluene	4.583	4.165	4.135	4.180	4.341	4.530	4.496	4.670	4.309	4.153	3.173	4.248	9.5[illegible]	21.2563
87	1,3-Dichlorobenzene	2.424	2.234	2.167	2.171	2.272	2.315	2.285	2.378	2.263	2.219	2.085	2.256	4.30	21.4651
88	1,4-Dichlorobenzene	2.178	2.034	1.985	2.008	2.122	2.175	2.146	2.245	2.127	2.085	1.983	2.099	4.15	21.5820
89	n-Butylbenzene	4.408	4.086	4.030	4.134	4.367	4.549	4.522	4.766	4.509	4.369	3.662	4.309	7.13	21.7296
90	1,2-Dichlorobenzene	1.669	1.650	1.572	1.573	1.642	1.734	1.664	1.735	1.669	1.639	1.599	1.647	3.08	22.0460
91	1,2-Dibromo-3-chloropropane	------	0.060	0.064	0.065	0.068	0.072	0.072	0.078	0.076	0.076	0.078	0.071	8.75	22.9936
92	1,2,4-Trichlorobenzene	------	0.501	0.517	0.561	0.624	0.708	0.717	0.765	0.730	0.734	0.756	0.661	15.38	24.1926
93	Hexachlorobutadiene	0.523	0.505	0.491	0.486	0.518	0.548	0.535	0.562	0.520	0.518	0.507	0.519	4.38	24.3391
94	Naphthalene	------	------	0.439	0.493	0.586	0.709	0.758	0.839	0.817	0.832	------	0.684	23.17	24.6613
95	1,2,3-Trichlorobenzene	------	0.252	0.269	0.300	0.355	0.415	0.439	0.464	0.448	0.439	------	0.376	22.17	25.0297

Spike Amount = Nominal Amount * M
Ave_%RSD : 7.1 Max_%RSD : 23.2

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = x0 + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
92	1,2,4-Trichlorobenzene	-0.02169	0.74670	0.9996
94	Naphthalene	-0.05973	0.82798	0.9986
95	1,2,3-Trichlorobenzene	-0.01654	0.44794	0.9990

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :T094
Beginning DateTime :09/22/10 11:00
Spike Units :PPB
IC File :RID406

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/22/10 17:17
HPChem Method :V094122

	M	IDX	Parameters	.5 11:00 RID401	.5 11:49 RID402	1 12:18 RID403	2 12:55 RID404	5 13:33 RID405	10 14:10 RID406	20 14:48 RID407	30 15:25 RID408	40 16:03 RID409	50 16:40 RID410	100 17:17 RID411	AvgRec	%_RSD	Av_Rt_M
		1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	14.0154
		2	Dichlorodifluoromethane	90	95	102	99	101	105	105	108	100	99	96	3.8	5.13	4.7538
		3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		4	Chloromethane	96	100	103	98	102	101	103	100	100	99	97	1.8	2.22	5.3879
		5	Vinyl chloride	99	100	103	102	107	105	104	102	96	95	87	4.3	5.74	5.7033
		6	Bromomethane	94	87	96	95	101	103	105	109	104	104	103	5	6.16	6.8356
		7	Chloroethane	88	89	95	96	101	104	106	113	104	104	104	5.9	7.06	7.0243
		8	Dichlorofluoromethane	90	91	93	98	102	105	105	107	104	104	101	5	6.10	7.0988
		9	Trichlorofluoromethane	77	86	89	91	101	106	110	114	109	109	107	10.3	12.17	7.5946
S		10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
S		11	Acrolein	100	100	100	100	100	103	100	100	100	100	100	0	3.27	8.4667
		12	1,1,2-Trichloro-1,2,2-trifluoroethane	102	102	95	97	99	104	100	106	99	98	99	2.7	3.37	8.5026
S		13	Acetone	------	------	129	112	100	96	88	92	92	92	88	10.6	13.29	8.5774
		14	1,1-Dichloroethene	93	95	95	96	99	104	103	107	102	101	103	3.6	4.42	8.8828
S		15	tert-Butyl alcohol	------	100	100	114	114	100	114	114	100	100	100	5.7	5.56	8.9703
	10	16	Acetonitrile	117	117	100	100	92	100	100	100	100	100	100	3.8	6.90	9.1154
		17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		18	Iodomethane	89	91	93	96	100	105	105	108	104	104	105	5.7	6.68	9.5235
		19	Methylene chloride	110	108	98	96	98	102	99	102	96	96	94	3.9	5.07	9.7960
		20	Carbon disulfide	81	95	97	97	100	106	107	107	105	104	101	5.5	7.66	9.9024
S		21	Acrylonitrile	81	90	94	97	103	106	106	110	106	106	106	7.6	9.00	9.9782
		22	tert-Butyl methyl ether (MTBE)	82	88	88	94	102	107	107	111	107	107	107	8.6	9.97	10.0127
		23	trans-1,2-Dichloroethene	95	96	94	99	101	105	103	107	102	99	98	3.4	4.25	10.3158
		24	Isopropyl ether (DIPE)	91	91	92	95	101	107	105	109	105	103	101	5.6	6.61	10.7691
		25	Vinyl acetate	90	94	85	87	99	103	106	112	108	107	107	7.9	9.38	10.9738
		26	1,1-Dichloroethane	94	95	96	97	101	105	103	107	103	100	98	3.6	4.39	11.3470
S	27		2-Butanol	------	------	83	83	100	100	100	100	100	100	117	5.6	12.79	11.3558
		28	tert-Butyl ethyl ether (ETBE)	86	88	91	95	102	107	106	110	106	106	105	7.5	8.62	11.4617
S	29		2-Butanone	117	110	95	95	95	98	95	102	98	98	98	5.3	6.80	11.6983
		30	2,2-Dichloropropane	105	97	100	102	106	107	103	103	98	94	83	4.8	6.78	11.9868
		31	cis-1,2-Dichloroethene	90	93	94	96	100	104	104	108	105	103	102	4.8	5.83	12.0705
		32	Chloroform	94	93	94	98	102	106	104	107	103	101	100	4.2	5.12	12.3218
		33	Bromochloromethane	85	92	94	96	104	108	106	108	105	102	99	5.9	7.31	12.6103
		34	Tetrahydrofuran	------	------	118	109	100	100	100	105	100	100	95	4	6.28	12.6475
		35	Dibromofluoromethane	104	95	93	94	93	105	104	106	104	102	102	4.8	5.27	12.6807
		36	1,1,1-Trichloroethane	96	94	94	100	104	107	104	107	101	99	93	4.2	5.04	12.9851
		37	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		38	tert-Amyl methyl ether (TAME)	74	83	87	93	101	106	107	113	113	111	114	11.7	13.78	13.3281
		39	1,2-Dichloroethane-d4	107	95	90	92	95	106	105	106	103	100	99	5	5.95	13.4677
		40	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6960
		41	1,1-Dichloropropene	98	101	93	95	100	104	102	109	102	97	97	3.4	4.40	13.2244
		42	Carbon tetrachloride	95	99	97	98	100	105	103	109	101	98	97	3.1	4.17	13.4185
		43	1,2-Dichloroethane	95	97	93	97	102	107	105	110	102	97	96	4.6	5.34	13.5166
		44	Benzene	98	100	97	98	101	105	105	110	102	98	87	3.9	5.70	13.6791
		45	Trichloroethene	103	101	96	98	101	104	101	106	99	95	94	3.1	3.83	14.6043
		46	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
		47	1,2-Dichloropropane	93	100	98	98	103	106	103	108	99	96	94	3.9	4.86	14.8662
	20	48	1,4-Dioxane	------	100	100	100	100	100	100	100	100	100	100	0	6.43	15.2215
		49	Bromodichloromethane	91	96	96	97	103	107	104	109	103	98	97	4.6	5.44	15.2504
		50	Dibromomethane	84	100	97	96	103	106	103	108	102	99	99	4.2	6.39	15.3673
		51	2-Chloroethyl vinyl ether	------	------	------	71	90	90	100	110	108	110	119	11.8	14.93	15.5806
S		52	4-Methyl-2-pentanone	96	99	96	99	101	104	101	107	101	99	102	2.3	3.15	15.6173
		53	cis-1,3-Dichloropropene	94	95	94	96	102	106	104	109	103	99	98	4.3	5.03	16.0254
		54	Toluene-d8	114	106	98	97	94	104	101	102	99	95	89	5	6.65	16.4428
		55	Toluene	102	102	99	100	102	105	103	107	100	96	85	3.8	5.90	16.5664
		56	Ethyl methacrylate	77	88	85	91	98	108	107	114	109	107	113	10.8	12.50	16.6342
		57	trans-1,3-Dichloropropene	84	92	91	95	104	107	105	110	105	102	105	7	8.26	16.7645
S		58	2-Hexanone	85	91	93	97	100	106	103	109	103	103	104	5.7	7.24	16.9439

59	1,1,2-Trichloroethane	90	98	94	96	102	105	103	106	102	99	102	3.8	4.72	17.0450
60	1,3-Dichloropropane	90	96	93	99	103	104	103	107	103	100	102	4	5.19	17.4225
61	Tetrachloroethene	112	106	98	98	100	102	98	101	96	93	96	3.9	5.31	17.5980
62	Dibromochloromethane	87	94	91	95	101	105	105	108	105	103	107	6	7.17	17.9197
63	1,2-Dibromoethane	88	92	92	97	102	106	104	108	104	102	104	5.6	6.70	18.212*
64	1-Chlorohexane	102	97	95	95	98	102	101	107	103	100	101	2.8	3.62	18.2653
65	Chlorobenzene	101	99	98	99	101	104	103	106	101	98	90	2.8	4.12	18.7532
66	Ethylbenzene	109	104	101	102	102	104	104	107	101	94	72	6.2	10.13	18.7678
67	1,1,1,2-Tetrachloroethane	92	94	92	95	100	103	104	108	104	103	103	4.8	5.68	18.7771
2 68	m-Xylene & p-Xylene	106	102	100	101	102	106	104	104	93	83	------	4.8	7.05	18.8558
69	o-Xylene	102	98	99	101	104	107	105	108	101	96	80	4.9	7.57	19.4258
70	Styrene	84	86	91	95	103	110	110	116	109	104	93	9.3	10.78	19.4617
71	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	*	1	1	1	1	1	0	22.0141
72	Isopropylbenzene	110	105	100	100	101	99	100	101	95	90	------	3.2	5.18	19.8209
73	Bromoform	93	92	94	93	101	103	105	107	105	104	104	5.5	6.30	19.9523
74	1,1,2,2-Tetrachloroethane	98	101	97	98	103	103	101	104	99	99	96	2.3	2.64	20.0254
75	4-Bromofluorobenzene	------	113	98	94	93	101	101	100	100	100	99	3.2	5.51	20.1494
76	1,2,3-Trichloropropane	77	98	96	101	103	104	104	107	104	104	104	5.4	8.29	20.2008
77	trans-1,4-Dichloro-2-butene	------	------	------	84	86	105	101	106	102	105	107	7.1	9.44	20.2306
78	n-Propylbenzene	112	103	102	98	102	103	101	101	93	85	------	4.8	6.97	20.2889
79	Bromobenzene	103	100	96	97	99	102	102	104	100	100	98	1.8	2.35	20.4348
80	1,3,5-Trimethylbenzene	109	103	99	99	102	103	103	106	99	98	79	4.7	7.77	20.4508
81	2-Chlorotoluene	109	120	88	98	91	117	101	102	94	91	90	8.7	10.97	20.5518
82	4-Chlorotoluene	116	79	112	95	114	83	103	109	107	109	74	12.6	14.94	20.5903
83	tert-Butylbenzene	103	98	96	95	99	101	101	105	101	102	100	2.4	3.11	20.8815
84	1,2,4-Trimethylbenzene	106	99	97	97	101	104	104	108	101	100	83	4.3	6.52	20.9267
85	sec-Butylbenzene	108	101	98	98	101	103	102	104	95	93	------	3.7	4.90	21.1223
86	p-Isopropyltoluene	108	98	97	98	102	107	106	110	101	98	75	6.1	9.51	21.2563
87	1,3-Dichlorobenzene	107	99	96	96	101	103	101	105	100	98	92	3.2	4.30	21.4651
88	1,4-Dichlorobenzene	104	97	95	96	103	104	102	107	101	99	94	3.5	4.15	21.5820
89	n-Butylbenzene	102	95	94	96	101	106	105	111	105	101	85	5.6	7.13	21.7295
90	1,2-Dichlorobenzene	101	100	95	96	100	103	101	105	101	100	97	2.3	3.08	22.0460
91	1,2-Dibromo-3-chloropropane	------	85	90	92	96	101	101	110	107	107	110	7.5	8.75	22.9936
92	1,2,4-Trichlorobenzene	------	125	98	90	89	98	97	103	98	99	101	6	9.9	24.1926
93	Hexachlorobutadiene	101	97	95	94	100	106	103	108	103	100	98	3.2	4.38	24.3391
94	Naphthalene	------	------	125	96	85	93	95	104	103	102	------	7.8	11.7	24.6613
95	1,2,3-Trichlorobenzene	------	130	97	85	87	96	100	105	101	99	------	8	12.9	25.0297

SECOND SOURCE VERIFICATION

CONTINUE CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TO94
IC Beginning DateTime :08/11/10 21:30
Spike Amount :10 PPB
CC/CV File :RH0330
IC File :RH0320

Column Spec :RTX5D2.2 ID :0.32MM
IC Ending DateTime :08/12/10 03:26
HPChem Method :VD94H11
Date_Time :08/12/10 06:32

M	IDX	Parameters	CC_Con	CC% D	CC_Resp	CCRRF	AVRRF	CC_RTM	AVRTM	% RSD	CO_X0	CO_X1	CO_X2	CO_COR
	1	1,4-DIFLUOROBENZENE	10.000	0	1557995	1	1	14.000	14.004	0				
	2	Dichlorodifluoromethane	9.532	-4.7	433284	0.278	0.292	4.729	4.737	13.33				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.909	-0.9	954226	0.612	0.618	5.373	5.370	12.25				
	5	Vinyl chloride	8.842	-1.5	833816	0.535	0.543	5.695	5.690	10.92				
	6	Bromomethane	9.924	-0.8	455177	0.291	0.293	6.806	6.816	12.55				
	7	Chloroethane	9.928	-0.7	478656	0.307	0.309	6.996	7.008	13.05				
	8	Dichlorofluoromethane	10.248	2.5	1184831	0.760	0.742	7.069	7.078	8.71				
	9	Trichlorofluoromethane	8.950	-10.7	517905	0.332	0.326	7.581	7.583	22.88	-0.0143	0.3883		0.9994
5	10	sec-Propyl alcohol												
5	11	Acrolein	46.625	-6.8	63773	0.008	0.009	8.444	8.449	8.36				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	10.006	0.1	339407	0.218	0.218	8.488	8.490	7.03				
5	13	Acetone	44.995	-6.0	215476	0.028	0.029	8.546	8.559	9.44				
	14	1,1-Dichloroethene	10.117	1.2	908519	0.583	0.576	8.853	8.863	4.57				
5	15	tert-Butyl alcohol	52.547	5.1	104025	0.013	0.013	8.941	8.952	3.87				
10	16	Acetonitrile	90.753	-9.2	209717	0.013	0.015	9.087	9.097	9.55				
	17	Methyl acetate												
	18	Iodomethane	10.090	0.9	1018860	0.654	0.648	9.497	9.505	7.94				
	19	Methylene chloride	9.721	-2.8	651934	0.418	0.430	9.774	9.775	5.67				
	20	Carbon disulfide	10.500	5.0	1956507	1.256	1.196	9.877	9.886	12.01				
6	21	Acrylonitrile	51.548	-14.6	308497	0.053	0.059	9.850	9.860	8.79				
	22	tert-Butyl methyl ether (MTBE)	10.101	1.0	473230	0.304	0.301	9.879	9.885	10.46				
	23	trans-1,2-Dichloroethene	10.297	3.0	813873	0.522	0.507	10.286	10.296	4.05				
	24	Isopropyl ether (DIPE)	10.592	5.9	1563757	1.004	0.975	10.739	10.754	4.38				
	25	Vinyl acetate	9.546	-6.5	394491	0.253	0.280	10.959	10.963	10.08				
	26	1,1-Dichloroethane	10.200	2.0	958350	0.615	0.603	11.032	11.032	3.81				
5	27	2-Butanol	46.195	-7.6	57710	0.007	0.008	11.324	11.337	8.04				
	28	tert-Butyl ethyl ether (ETBE)	10.126	1.3	701031	0.450	0.444	11.441	11.452	15.09				
5	29	2-Butanone	47.924	-4.2	377635	0.048	0.051	11.675	11.685	5.22				
	30	2,2-Dichloropropane	9.111	-8.9	339206	0.218	0.237	11.968	11.977	6.14				
	31	cis-1,2-Dichloroethene	10.170	1.7	498721	0.320	0.315	12.041	12.054	5.54				
	32	Chloroform	10.253	2.5	775997	0.498	0.486	12.304	12.310	5.00				
	33	Bromochloromethane	10.194	1.9	348105	0.223	0.219	12.597	12.599	5.72				
	34	Tetrahydrofuran	9.721	-2.8	39774	0.026	0.026	12.626	12.630	5.96				
	35	Dibromofluoromethane	10.400	4.0	468178	0.301	0.289	12.655	12.665	7.32				
	36	1,1,1-Trichloroethane	10.303	3.0	534286	0.343	0.333	12.962	12.972	3.98				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	9.955	-0.5	89978	0.058	0.058	13.313	13.312	13.59				
	39	1,2-Dichloroethane-d4	10.322	3.2	294359	0.189	0.183	13.445	13.455	7.03				
	40	CHLOROBENZENE-D5	10.000	0	1501256	1	1	18.680	18.689	0				
	41	1,1-Dichloropropene	10.000	0.0	230833	0.177	0.177	13.196	13.209	6.58				
	42	Carbon tetrachloride	10.034	0.3	538053	0.413	0.415	13.401	13.408	5.67				
	43	1,2-Dichloroethane	10.082	0.8	344096	0.264	0.262	13.391	13.401	5.63				
	44	Benzene	10.108	1.1	2003756	1.540	1.523	13.664	13.669	4.51				
	45	Trichloroethene	10.276	2.8	577332	0.444	0.432	14.585	14.594	4.01				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.055	0.6	466547	0.359	0.357	14.849	14.859	5.73				
20	48	1,4-Dioxane	202.473	1.5	24714	0.001	0.001	15.190	15.207	12.15				
	49	Bromodichloromethane	10.260	2.6	503955	0.387	0.378	15.229	15.238	5.56				
	50	Dibromomethane	10.233	2.3	162662	0.127	0.124	15.349	15.357	5.86				
	51	2-Chloroethyl vinyl ether	8.744	-18.6	55860	0.043	0.053	15.565	15.560	14.84				
5	52	4-Methyl-2-pentanone	51.346	2.7	900404	0.138	0.135	15.594	15.604	4.13				
	53	cis-1,3-Dichloropropene	10.000	0.0	608824	0.468	0.468	16.004	16.014	3.83				
	54	Toluene-d8	10.462	4.6	1602179	1.281	1.225	16.428	16.426	10.22				
	55	Toluene	10.311	3.1	1872053	1.439	1.395	16.545	16.555	4.14				
	56	Ethyl methacrylate	10.239	2.4	270843	0.208	0.203	16.618	16.620	12.34				
	57	trans-1,3-Dichloropropene	10.144	1.4	407639	0.313	0.309	16.749	16.750	7.65				
5	58	2-Hexanone	51.141	2.3	536210	0.082	0.081	16.925	16.933	5.50				
	59	1,1,2-Trichloroethane	10.096	1.0	201005	0.154	0.153	17.027	17.035	5.70				
	60	1,3-Dichloropropane	10.085	0.9	415527	0.319	0.317	17.407	17.413	5.20				
	61	Tetrachloroethene	9.975	-0.2	426440	0.328	0.329	17.503	17.507	4.64				
	62	Dibromochloromethane	10.177	1.8	329403	0.253	0.249	17.905	17.903	6.53				
	63	1,2-Dibromoethane	10.392	3.9	220819	0.170	0.163	18.197	18.202	6.95				
	64	1-Chlorohexane	10.318	3.2	847230	0.651	0.637	18.256	18.254	6.72				
	65	Chlorobenzene	10.278	2.8	1185424	0.911	0.886	18.758	18.756	4.19				
	66	Ethylbenzene	10.552	5.5	2168234	1.666	1.594	18.753	18.751	8.42				
	67	1,1,1,2-Tetrachloroethane	10.215	2.2	421495	0.324	0.317	18.767	18.764	6.92				
2	68	m-Xylene & p-Xylene	21.320	6.6	3296796	1.244	1.167	18.840	18.848	5.16				
	69	o-Xylene	10.291	2.9	1557550	1.197	1.140	19.411	19.414	4.62				
	70	Styrene	10.530	5.3	1160598	0.892	0.847	19.455	19.450	10.83				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	428602	1	1	21.999	22.003	0				
	72	Isopropylbenzene	10.440	4.4	2059043	4.804	4.602	19.806	19.810	8.41				
	73	Bromoform	10.112	1.1	140492	0.328	0.324	19.937	19.937	6.15				
	74	1,1,2,2-Tetrachloroethane	10.046	0.5	216431	0.505	0.503	20.010	20.010	2.22				
	75	4-Bromofluorobenzene	10.140	1.4	471422	1.100	1.085	20.142	20.138	10.74				
	76	1,2,3-Trichloropropane	10.191	1.9	49358	0.115	0.113	20.186	20.195	7.95				
	77	trans-1,4-Dichloro-2-butene	9.036	-9.6	41787	0.097	0.108	20.215	20.220	11.20				
	78	n-Propylbenzene	10.323	3.2	2564354	5.983	5.796	20.274	20.271	5.58				
	79	Bromobenzene	9.990	-0.0	434620	1.014	1.014	20.420	20.423	4.33				
	80	1,3,5-Trimethylbenzene	10.326	3.3	1516580	3.538	3.426	20.434	20.442	5.20				
	81	2-Chlorotoluene	11.482	14.8	1745051	4.071	3.944	20.537	20.542	9.52				
	82	4-Chlorotoluene	8.064	-19.4	830998	1.939	2.404	20.581	20.579	8.61				
	83	tert-Butylbenzene	9.970	-0.3	399822	0.933	0.936	20.873	20.871	6.99				
	84	1,2,4-Trimethylbenzene	10.293	2.9	1404315	3.277	3.185	20.917	20.915	4.96				
	85	sec-Butylbenzene	10.569	5.0	2216993	5.173	4.880	21.107	21.112	8.46				
	86	p-Isopropyltoluene	10.583	5.8	1794295	4.186	3.938	21.230	21.249	7.27				
	87	1,3-Dichlorobenzene	10.123	1.2	878661	2.050	2.025	21.458	21.454	3.68				
	88	1,4-Dichlorobenzene	10.042	0.4	812623	1.896	1.888	21.575	21.571	4.15				
	89	n-Butylbenzene	9.904	-0.9	1715743	4.003	4.003	21.721	21.718	6.27				
	90	1,2-Dichlorobenzene	10.119	1.2	647002	1.510	1.492	22.058	22.038	5.45				
	91	1,2-Dibromo-3-chloropropane	9.932	-0.7	28016	0.065	0.066	22.979	22.979	9.97				
	92	1,2,4-Trichlorobenzene	10.384	3.8	269086	0.628	0.605	24.178	24.180	12.79				
	93	Hexachlorobutadiene	10.188	1.9	211729	0.494	0.485	24.324	24.326	5.96				
	94	Naphthalene	9.865	-1.4	323066	0.754	0.645	24.646	24.649	17.26	-0.0220	0.7864		0.9950
	95	1,2,3-Trichlorobenzene	9.585	-4.1	176124	0.411	0.381	25.011	25.015	15.98	-0.0123	0.4415		0.9988

Spike Amount = Nominal Amount * M

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T094
IC_Beginning DateTime :09/22/10 11:00
Spike Amount :10 PPB
CC/CV File :RI0415
IC File :RID406

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :09/22/10 17:17
HPChem Method :V094122
Date_Time :09/22/10 19:40

M	IDX	Parameters	CC_Con	CC%_D	CC_Resp	CCRRF	AvRRF	CC_Rtn	AvRtn	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1557979	1	1	14.017	14.015	0				
	2	Dichlorodifluoromethane	10.717	7.2	489144	0.314	0.293	4.747	4.754	5.13				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	10.805	8.0	858735	0.551	0.510	5.390	5.388	2.22				
	5	Vinyl chloride	10.960	9.6	783168	0.503	0.459	5.717	5.703	5.74				
	6	Bromomethane	10.914	9.1	525920	0.338	0.309	6.838	6.836	6.16				
	7	Chloroethane	10.876	8.8	476937	0.306	0.281	7.028	7.024	7.06				
	8	Dichlorofluoromethane	10.918	9.2	1329935	0.854	0.782	7.086	7.099	6.10				
	9	Trichlorofluoromethane	11.366	13.7	610954	0.392	0.345	7.598	7.595	12.17				
S	10	sec-Propyl alcohol												
S	11	Acrolein	53.629	7.3	66527	0.009	0.008	8.461	8.467	5.27				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	11.497	15.0	521142	0.334	0.291	8.505	8.503	3.37				
S	13	Acetone	50.752	1.5	186269	0.024	0.024	8.578	8.577	13.29				
	14	1,1-Dichloroethene	11.145	11.5	1034750	0.664	0.596	8.885	8.883	4.42				
S	15	tert-Butyl alcohol	52.382	4.8	60018	0.008	0.007	8.958	8.970	5.56				
	16	Acetonitrile	96.478	-3.5	186479	0.012	0.012	9.104	9.115	6.90				
	17	Methyl acetate												
	18	Iodomethane	11.706	17.1	1308126	0.840	0.717	9.514	9.524	6.68				
	19	Methylene chloride	10.891	8.9	673614	0.432	0.397	9.792	9.796	5.07				
	20	Carbon disulfide	10.149	1.5	2237201	1.436	1.415	9.894	9.902	7.66				
	21	Acrylonitrile	66.167	10.3	321520	0.034	0.031	9.967	9.978	9.00				
	22	tert-Butyl methyl ether (MTBE)	10.713	7.1	515776	0.331	0.309	10.011	10.013	9.97				
	23	trans-1,2-Dichloroethene	10.993	9.9	847300	0.544	0.495	10.303	10.316	4.25				
	24	Isopropyl ether (DIPE)	10.841	8.4	1462332	0.939	0.866	10.771	10.769	6.61				
	25	Vinyl acetate	10.457	4.6	427765	0.275	0.263	10.976	10.974	9.38				
	26	1,1-Dichloroethane	11.468	14.7	1049789	0.674	0.588	11.049	11.047	4.39				
S	27	2-Butanol	52.044	4.1	46725	0.006	0.006	11.356	11.356	12.79				
	28	tert-Butyl ethyl ether (ETBE)	10.917	9.2	823777	0.529	0.484	11.458	11.462	8.62				
S	29	2-Butanone	50.053	0.1	320499	0.041	0.041	11.692	11.698	6.80				
	30	2,2-Dichloropropane	11.454	14.5	415169	0.266	0.233	11.985	11.987	6.78				
	31	cis-1,2-Dichloroethene	10.996	10.0	600504	0.385	0.351	12.073	12.071	5.83				
	32	Chloroform	11.594	15.9	893237	0.573	0.494	12.321	12.322	5.12				
	33	Bromochloromethane	11.267	12.7	341857	0.219	0.195	12.614	12.610	7.31				
	34	Tetrahydrofuran	10.181	1.8	35688	0.023	0.022	12.643	12.648	6.28				
	35	Dibromofluoromethane	11.548	15.5	509828	0.327	0.283	12.672	12.681	5.27				
	36	1,1,1-Trichloroethane	11.133	11.3	602000	0.386	0.347	12.979	12.985	5.04				
	37	Cyclohexane												
	38	tert-Amyl methyl ether (TAME)	10.815	8.1	118266	0.076	0.070	13.330	13.328	13.78				
	39	1,2-Dichloroethane-d4	11.390	13.9	264226	0.170	0.149	13.462	13.468	5.95				
	40	CHLOROBENZENE D5	10.000	0	1240407	1	1	18.697	18.696	0				
	41	1,1-Dichloropropene	10.861	8.6	294926	0.238	0.219	13.228	13.224	4.40				
	42	Carbon tetrachloride	10.756	7.6	599438	0.483	0.449	13.418	13.418	4.17				
	43	1,2-Dichloroethane	11.072	10.7	331083	0.267	0.241	13.608	13.617	5.34				
	44	Benzene	11.132	11.3	2290559	1.847	1.659	13.681	13.679	5.70				
	45	Trichloroethene	10.906	9.1	688400	0.555	0.509	14.602	14.604	3.83				
	46	Methylcyclohexane												
	47	1,2-Dichloropropane	10.971	9.7	482518	0.389	0.355	14.866	14.866	4.86				
20	48	1,4-Dioxane	205.626	2.8	26836	0.001	0.001	15.217	15.222	6.43				
	49	Bromodichloromethane	10.745	7.4	506993	0.409	0.380	15.246	15.250	5.44				
	50	Dibromomethane	10.807	8.1	175601	0.142	0.131	15.363	15.367	6.39				
	51	2 Chloroethyl vinyl ether	8.989	-10.1	57780	0.047	0.052	15.582	15.581	14.93				
S	52	4-Methyl-2-pentanone	53.189	6.4	747412	0.121	0.113	15.611	15.617	3.15				
	53	cis-1,3-Dichloropropene	11.083	10.8	646352	0.521	0.470	16.021	16.025	5.03				
	54	Toluene-d8	11.419	14.2	1763654	1.422	1.245	16.445	16.443	6.65				
	55	Toluene	11.130	11.3	2143821	1.728	1.553	16.562	16.566	5.90				
	56	Ethyl methacrylate	9.916	-0.8	233808	0.188	0.190	16.635	16.634	12.50				
	57	trans-1,3-Dichloropropene	11.524	15.2	426637	0.344	0.298	16.767	16.764	8.26				
S	58	2-Hexanone	55.045	10.1	454417	0.075	0.067	16.942	16.944	7.24				
	59	1,1,2-Trichloroethane	10.460	4.6	216130	0.174	0.167	17.044	17.045	4.72				
	60	1,3-Dichloropropane	10.652	6.5	412392	0.332	0.312	17.425	17.423	5.19				
	61	Tetrachloroethene	10.661	6.6	564285	0.455	0.427	17.600	17.598	5.31				
	62	Dibromochloromethane	10.397	3.9	326951	0.264	0.254	17.922	17.920	7.17				
	63	1,2-Dibromoethane	10.726	7.3	236297	0.190	0.178	18.214	18.212	6.70				
	64	1-Chlorohexane	13.480	34.8	973068	0.784	0.582	18.258	18.265	3.62				
	65	Chlorobenzene	10.913	9.1	1352342	1.090	0.999	18.755	18.753	4.12				
	66	Ethylbenzene	11.124	11.2	2441461	1.968	1.769	18.770	18.768	10.13				
	67	1,1,1,2-Tetrachloroethane	10.677	6.8	446179	0.360	0.337	18.770	18.777	5.68				
2	68	m-Xylene & p-Xylene	22.186	10.9	3650528	1.472	1.327	18.858	18.856	7.05				
	69	o-Xylene	11.067	10.7	1779673	1.435	1.296	19.428	19.426	7.57				
	70	Styrene	11.442	14.4	1413029	1.139	0.996	19.457	19.462	10.78				
	71	1,2-DICHLOROBENZENE-D4	10.000	0	455118	1	1	22.016	22.014	0				
	72	Isopropylbenzene	11.152	11.5	2584240	5.678	5.092	19.823	19.821	5.18				
	73	Bromoform	10.848	8.5	175050	0.385	0.355	19.954	19.952	6.30				
	74	1,1,2,2-Tetrachloroethane	10.462	4.6	236404	0.519	0.497	20.028	20.025	2.64				
	75	4-Bromofluorobenzene	11.472	14.7	532590	1.170	1.020	20.144	20.149	5.51				
	76	1,2,3-Trichloropropane	11.064	10.6	56420	0.124	0.112	20.203	20.201	8.29				
	77	trans-1,4-Dichloro-2-butene	10.779	7.8	40571	0.089	0.083	20.232	20.231	9.44				
	78	n-Propylbenzene	10.998	10.0	3123584	6.863	6.240	20.291	20.289	6.97				
	79	Bromobenzene	10.766	7.7	586719	1.289	1.197	20.437	20.435	2.35				

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80	1,3,5-Trimethylbenzene	11.002	10.0	1826257	4.013	3.647	20.451	20.451	7.77				
81	2-Chlorotoluene	10.854	8.5	1742281	3.828	3.527	20.554	20.552	10.97				
82	4-Chlorotoluene	11.184	11.8	1538322	2.941	2.629	20.583	20.590	14.94				
83	tert-Butylbenzene	10.638	6.4	495896	1.090	1.024	20.876	20.882	3.11				
84	1,2,4-Trimethylbenzene	10.986	9.9	1669666	3.669	3.339	20.919	20.927	6.52				
85	sec-Butylbenzene	10.934	9.3	2753946	6.051	5.534	21.124	21.122	4.90				
86	p-Isopropyltoluene	11.354	13.5	2195358	4.824	4.248	21.256	21.256	9.51				
87	1,3-Dichlorobenzene	10.750	7.5	1103643	2.425	2.256	21.461	21.465	4.30				
88	1,4-Dichlorobenzene	10.875	8.8	1038958	2.283	2.099	21.577	21.582	4.15				
89	n-Butylbenzene	11.192	11.9	2195084	4.823	4.309	21.724	21.730	7.13				
90	1,2-Dichlorobenzene	10.614	6.1	795582	1.748	1.647	22.045	22.046	3.08				
91	1,2-Dibromo-3-chloropropane	10.125	1.3	32632	0.072	0.071	22.996	22.994	8.75				
92	1,2,4-Trichlorobenzene	10.412	4.1	343973	0.756	0.661	24.195	24.193	15.38	-0.0217	0.7467		0.9996
93	Hexachlorobutadiene	10.915	9.1	258011	0.567	0.519	24.341	24.339	4.38				
94	Naphthalene	9.252	-7.5	321442	0.706	0.684	24.663	24.661	23.17	-0.0597	0.8280		0.9986
95	1,2,3-Trichlorobenzene	9.776	-2.2	191762	0.421	0.376	25.028	25.030	22.17	-0.0165	0.4479		0.9990

Spike Amount = Nominal Amount * M

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R10337
Instrument ID: T094
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 09/18/10
BFB Injection Time : 08:40
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.42
75	30.0 - 60.0% of mass 95	41.12
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.02
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	90.68
175	5.0 - 9.0% of mass 174	7.04(7.8)1
176	95.0 - 101.0% of mass 174	87.52(96.5)1
177	5.0 - 9.0% of mass 176	5.48(6.3)2

1-Value is % mass 174 2 Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1141	R10338	09/18/10	09:16
2	MBLKTW	V094116Q	R10343	09/18/10	12:25
3	LCS1W	V094116L	R10339	09/18/10	09:53
4	LCD1W	V094116C	R10340	09/18/10	10:31
5	TB-9/15/10	1246-11	R10344	09/18/10	13:00
6	IW-70-SHB113-A10	1246-01	R10349	09/18/10	16:07
7	MW-70-PMW10-A10	1246-03	R10350	09/18/10	16:44
8	MW-70-PMW10-A10-D	1246-04	R10351	09/18/10	17:22
9	MW-70-PMW09-A10	1246-02	R10354	09/18/10	19:11
10	MW-70-PMW09-A10MS	1246-02M	R10355	09/18/10	19:48
11	MW-70-PMW09-A10MSD	1246-02S	R10356	09/18/10	20:25

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHD320
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101246
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428299	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856598	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1303770	14.00	[illegible]	18.69	381055	22.00
2	MBLK1W	1245439	14.00	[illegible]	18.68	347706	22.00
3	LCS1W	1274827	14.00	[illegible]	18.69	370205	22.00
4	LCD1W	1250704	14.00	[illegible]	18.69	380962	22.01
5	TB-9715/10	1310519	14.00	[illegible]	18.68	348876	22.00
6	IW-70-SH8113 A10	1365379	14.01	[illegible]	18.69	405882	22.01
7	MW-70-PMW10 A10	1306944	14.01	[illegible]	18.69	350676	22.01
8	MW-70-PMW10-A10-D	1380390	14.01	[illegible]	18.69	369851	22.01
9	MW-70-PMW09-A10	1289968	14.01	[illegible]	18.69	[illegible]	22.01
10	MW-70-PMW09-A10MS	1282682	14.01	[illegible]	18.69	383324	22.01
11	MW-70-PMW09-A10MSD	1311208	14.00	[illegible]	18.70	392237	22.00

IS1 (DFB) - 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb 10
Misc : 10ppb8260/~~50~~ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	85	-0.01
2	T	Dichlorodifluoromethane	10.000	12.229	-22.3#	94	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	10.280	-2.8	79	0.02
5	C,T	Vinyl chloride	10.000	11.053	-10.5	84	0.00
6	T	Bromomethane	10.000	11.090	-10.9	87	0.00
7	T	Chloroethane	10.000	10.478	-4.8	82	0.02
8	T	Dichlorofluoromethane	10.000	11.942	-19.4	99	0.00
9	T	Trichlorofluoromethane	10.000	10.652	-6.5	91	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	~~50~~.000	9.294	~~-81.4#~~	15	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	13.926	-39.3#	119	0.00
13	T	Acetone	~~50~~.000	12.698	~~-74.6#~~	23	0.02
14	C,T,M	1,1-Dichloroethene	10.000	11.707	-17.1	98	0.00
15	T	tert-Butyl alcohol	50.000	28.497	-43.0#	48	0.00
16	T	Acetonitrile	100.000	84.345	15.7	78	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.02
18	T	Iodomethane	10.000	11.830	-18.3	100	0.00
19	T	Methylene chloride	10.000	10.457	-4.6	91	0.02
20	T	Carbon disulfide	10.000	8.302	17.0	68	0.00
21	T	Acrylonitrile	~~50~~.000	7.918	~~84.2#~~	13	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.850	-8.5	93	0.00
23	T	trans-1,2-Dichloroethene	10.000	10.984	-9.8	92	0.00
24	T	Isopropyl ether (DIPE)	10.000	9.867	1.3	83	0.00
25	T	Vinyl acetate	10.000	10.432	-4.3	83	-0.01
26	P,T	1,1-Dichloroethane	10.000	10.710	-7.1	91	-0.01
27	T	2-Butanol	50.000	59.172	~~-18.3~~	109	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	11.865	-18.7	99	0.00
29	T	2-Butanone	~~50~~.000	8.202	~~83.6#~~	15	0.00
30	T	2,2-Dichloropropane	10.000	11.861	-18.6	99	0.00
31	T	cis-1,2-Dichloroethene	10.000	11.494	-14.9	99	0.00
32	C,T	Chloroform	10.000	10.807	-8.1	92	0.00
33	T	Bromochloromethane	10.000	10.092	-0.9	85	-0.01
34	T	Tetrahydrofuran	10.000	9.090	9.1	79	0.02
35	S	Dibromofluoromethane	10.000	9.670	3.3	81	0.00
36	T	1,1,1-Trichloroethane	10.000	11.072	-10.7	92	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	-0.01
38	T	tert-Amyl methyl ether (TAM	10.000	12.538	-25.4#	108	0.00
39	S	1,2-Dichloroethane-d4	10.000	7.946	20.5#	67	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb
Misc : 10ppb8260/~~50~~ppbKET-A-ACN-TBA SCL 10/4/10
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	12.971	-29.7#	109	0.00
42	T	Carbon tetrachloride	10.000	11.703	-17.0	97	0.00
43	T	1,2-Dichloroethane	10.000	9.774	2.3	80	0.00
44	T,M	Benzene	10.000	11.516	-15.2	97	0.00
45	T,M	Trichloroethene	10.000	12.245	-22.4#	103	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.641	-6.4	88	0.00
48	T	1,4-Dioxane	200.000	214.023	-7.0	86	0.00
49	T	Bromodichloromethane	10.000	10.462	-4.6	86	0.00
50	T	Dibromomethane	10.000	10.813	-8.1	90	0.00
51	T	2-Chloroethyl vinyl ether	10.000	13.106	-31.1#	126	0.00
52	T	4-Methyl-2-pentanone	~~50~~.000	10.865	~~78.3~~#	18	0.00
53	T	cis-1,3-Dichloropropene	10.000	10.521	-5.2	88	0.00
54	S	Toluene-d8	10.000	9.425	5.7	79	0.00
55	C,T,M	Toluene	10.000	11.439	-14.4	95	0.00
56	T	Ethyl methacrylate	10.000	9.879	1.2	81	0.00
57	T	trans-1,3-Dichloropropene	10.000	10.272	-2.7	84	0.00
58	T	2-Hexanone	~~50~~.000	7.912	~~84~~.2#	13	0.00
59	T	1,1,2-Trichloroethane	10.000	10.761	-7.6	90	0.00
60	T	1,3-Dichloropropane	10.000	10.014	-0.1	83	-0.01
61	T	Tetrachloroethene	10.000	12.688	-26.9#	108	0.00
62	T	Dibromochloromethane	10.000	10.670	-6.7	88	0.00
63	T	1,2-Dibromoethane	10.000	10.883	-8.8	88	-0.01
64	T	1-Chlorohexane	10.000	9.446	5.5	79	0.00
65	P,M	Chlorobenzene	10.000	11.637	-16.4	96	0.00
66	C,T	Ethylbenzene	10.000	11.493	-14.9	94	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	11.025	-10.3	91	0.00
68	T	m-Xylene & p-Xylene	20.000	23.729	-18.6	95	-0.01
69	T	o-Xylene	10.000	11.755	-17.6	94	0.00
70	T	Styrene	10.000	12.301	-23.0#	99	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	89	0.00
72	T	Isopropylbenzene	10.000	11.429	-14.3	101	-0.01
73	P,T	Bromoform	10.000	10.930	-9.3	98	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.879	1.2	89	0.00
75	S	4-Bromofluorobenzene	10.000	8.807	11.9	81	0.00
76	T	1,2,3-Trichloropropane	10.000	9.977	0.2	90	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	8.318	16.8	81	0.00
78	T	n-Propylbenzene	10.000	11.306	-13.1	100	0.00
79	T	Bromobenzene	10.000	11.366	-13.7	105	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.888	-8.9	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.789	-7.9	98	-0.01
82	T	4-Chlorotoluene	10.000	9.912	0.9	91	0.00
83	T	tert-Butylbenzene	10.000	11.276	-12.8	105	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.786	-7.9	97	0.00
85	T	sec-Butylbenzene	10.000	11.803	-18.0	102	-0.01
86	T	p-Isopropyltoluene	10.000	11.769	-17.7	102	0.00
87	T	1,3-Dichlorobenzene	10.000	11.190	-11.9	102	0.00
88	T	1,4-Dichlorobenzene	10.000	11.252	-12.5	103	0.00
89	T	n-Butylbenzene	10.000	11.651	-16.5	103	0.00
90	T	1,2-Dichlorobenzene	10.000	10.947	-9.5	100	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.999	0.0	94	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.736	-7.4	96	0.00
93	T	Hexachlorobutadiene	10.000	12.630	-26.3#	114	0.00
94	T	Naphthalene	10.000	9.030	9.7	87	0.00
95	T	1,2,3-Trichlorobenzene	10.000	8.745	12.6	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	85	-0.01
2	T	Dichlorodifluoromethane	0.292	0.357	-22.3#	94	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.635	-2.8	79	0.02
5	C,T	Vinyl chloride	0.543	0.601	-10.7	84	0.00
6	T	Bromomethane	0.293	0.325	-10.9	87	0.00
7	T	Chloroethane	0.309	0.324	-4.9	82	0.02
8	T	Dichlorofluoromethane	0.742	0.886	-19.4	99	0.00
9	T	Trichlorofluoromethane	0.326	0.399	-22.4#	91	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.002	77.8#	15#	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.303	-39.0#	119	0.00
13	T	Acetone	0.029	0.007	75.9#	23#	0.02
14	C,T,M	1,1-Dichloroethene	0.576	0.675	-17.2	98	0.00
15	T	tert-Butyl alcohol	0.013	0.007	46.2#	48#	0.00
16	T	Acetonitrile	0.015	0.013	13.3	78	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.02
18	T	Iodomethane	0.648	0.767	-18.4	100	0.00
19	T	Methylene chloride	0.430	0.450	-4.7	91	0.02
20	T	Carbon disulfide	1.196	0.993	17.0	68	0.00
21	T	Acrylonitrile	0.039	0.006	84.6#	13#	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.326	-8.3	93	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.557	-9.9	92	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.962	1.3	83	0.00
25	T	Vinyl acetate	0.280	0.292	-4.3	83	-0.01
26	P,T	1,1-Dichloroethane	0.603	0.646	-7.1	91	-0.01
27	T	2-Butanol	0.008	0.009	-12.5	109	0.00
28	T	tert-Butyl ethyl ether (ETB	0.444	0.527	-18.7	99	0.00
29	T	2-Butanone	0.051	0.008	84.3#	15#	0.00
30	T	2,2-Dichloropropane	0.239	0.283	-18.4	99	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.362	-14.9	99	0.00
32	C,T	Chloroform	0.486	0.525	-8.0	92	0.00
33	T	Bromochloromethane	0.219	0.221	-0.9	85	-0.01
34	T	Tetrahydrofuran	0.026	0.024	7.7	79	0.02
35	S	Dibromofluoromethane	0.289	0.279	3.5	81	0.00
36	T	1,1,1-Trichloroethane	0.333	0.368	-10.5	92	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	-0.01
38	T	tert-Amyl methyl ether (TAM	0.058	0.073	-25.9#	108	0.00
39	S	1,2-Dichloroethane-d4	0.183	0.145	20.8#	67	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.230	-29.9#	109	0.00
42	T	Carbon tetrachloride	0.412	0.482	-17.0	97	0.00
43	T	1,2-Dichloroethane	0.262	0.256	2.3	80	0.00
44	T,M	Benzene	1.523	1.754	-15.2	97	0.00
45	T,M	Trichloroethene	0.432	0.529	-22.5#	103	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.357	0.379	-6.2	88	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	86	0.00
49	T	Bromodichloromethane	0.378	0.395	-4.5	86	0.00
50	T	Dibromomethane	0.124	0.135	-8.9	90	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.069	-30.2#	126	0.00
52	T	4-Methyl-2-pentanone	0.135	0.029	78.5#	18#	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.492	-5.1	88	0.00
54	S	Toluene-d8	1.225	1.154	5.8	79	0.00
55	C,T,M	Toluene	1.395	1.596	-14.4	95	0.00
56	T	Ethyl methacrylate	0.203	0.201	1.0	81	0.00
57	T	trans-1,3-Dichloropropene	0.309	0.317	-2.6	84	0.00
58	T	2-Hexanone	0.081	0.013	84.0#	13#	0.00
59	T	1,1,2-Trichloroethane	0.153	0.165	-7.8	90	0.00
60	T	1,3-Dichloropropane	0.317	0.317	0.0	83	-0.01
61	T	Tetrachloroethene	0.329	0.417	-26.7#	108	0.00
62	T	Dibromochloromethane	0.249	0.265	-6.4	88	0.00
63	T	1,2-Dibromoethane	0.163	0.178	-9.2	88	-0.01
64	T	1-Chlorohexane	0.637	0.602	5.5	79	0.00
65	P,M	Chlorobenzene	0.886	1.031	-16.4	96	0.00
66	C,T	Ethylbenzene	1.594	1.832	-14.9	94	0.00
67	T	1,1,1,2-Tetrachloroethane	0.317	0.350	-10.4	91	0.00
68	T	m-Xylene & p-Xylene	1.167	1.384	-18.6	95	-0.01
69	T	o-Xylene	1.140	1.340	-17.5	94	0.00
70	T	Styrene	0.847	1.042	-23.0#	99	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	89	0.00
72	T	Isopropylbenzene	4.602	5.259	-14.3	101	-0.01
73	P,T	Bromoform	0.324	0.354	-9.3	98	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.497	1.2	89	0.00
75	S	4-Bromofluorobenzene	1.085	0.955	12.0	81	0.00
76	T	1,2,3-Trichloropropane	0.113	0.113	0.0	90	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.090	16.7	81	0.00
78	T	n-Propylbenzene	5.796	6.553	-13.1	100	0.00
79	T	Bromobenzene	1.014	1.153	-13.7	105	0.00
80	T	1,3,5-Trimethylbenzene	3.426	3.731	-8.9	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID338.D
Acq On : 18 Sep 2010 9:16 am
Sample : CVO94H1141 10ppb 10 50 10/14/10
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.826	-7.9	98	-0.01
82	T	4-Chlorotoluene	2.404	2.383	0.9	91	0.00
83	T	tert-Butylbenzene	0.936	1.055	-12.7	105	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.433	-7.9	97	0.00
85	T	sec-Butylbenzene	4.880	5.760	-18.0	102	-0.01
86	T	p-Isopropyltoluene	3.956	4.656	-17.7	102	0.00
87	T	1,3-Dichlorobenzene	2.025	2.266	-11.9	102	0.00
88	T	1,4-Dichlorobenzene	1.888	2.124	-12.5	103	0.00
89	T	n-Butylbenzene	4.003	4.664	-16.5	103	0.00
90	T	1,2-Dichlorobenzene	1.492	1.633	-9.5	100	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.066	0.0	94	0.00
92	T	1,2,4-Trichlorobenzene	0.605	0.649	-7.3	96	0.00
93	T	Hexachlorobutadiene	0.485	0.612	-26.2#	114	0.00
94	T	Naphthalene	0.645	0.688	-6.7	87	0.00
95	T	1,2,3-Trichlorobenzene	0.381	0.374	1.8	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1D359
Instrument ID: T094
GC Column:RTX5D2.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 09/18/10
BFB Injection Time : 22:16
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.83
75	30.0 - 60.0% of mass 95	41.50
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.09
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	97.59
175	5.0 - 9.0% of mass 174	7.54(7.7)1
176	95.0 - 101.0% of mass 174	93.85(96.2)1
177	5.0 - 9.0% of mass 176	5.46(5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094H1142	R1D360	09/18/10	22:54
2	MBLK2W	V0941170	R1D365	09/19/10	02:01
3	LCS2W	V0941171	R1D361	09/18/10	23:31
4	LCD2W	V0941170	R1D362	09/19/10	00:09
5	MW-70-PMW12B-A10-D	1246-06	R1D367	09/19/10	03:16
6	MW-70-PMW12B-A10	1246-07	R1D368	09/19/10	03:52
7	MW-70-MNA07-A10	1246-09	R1D370	09/19/10	05:08
8	MW-70-MNA08-A10	1246-10	R1D371	09/19/10	05:45

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHD320
Instrument ID: TO94
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101246
Date Analyzed: 08/12/10
Time Analyzed: 00:29
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1540531	14.01	1299239	18.69	428298	21.99
	UPPER LIMIT	3081062	14.51	2598478	19.19	856596	22.49
	LOWER LIMIT	770266	13.51	649620	18.19	214149	21.49
	SAMPLE ID						
1	VSTD010	1226883	14.01	976993	18.69	381645	22.01
2	MBLK2W	1248966	14.00	1000999	18.70	334879	22.00
3	LCS2W	1266102	14.01	1013068	18.69	366711	22.01
4	LCD2W	1251327	14.01	980096	18.69	383079	22.01
5	MW-70-PMW12B-A10-D	1288499	14.01	1002059	18.69	357916	22.01
6	MW-70-PMW12B-A10	1284619	14.01	1016070	18.69	347771	22.01
7	MW-70-MWA07-A10	1266666	14.00	1006229	18.70	340905	22.00
8	MW-70-MWA08-A10	1331266	14.01	1015106	18.69	346673	22.01

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CVO94H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	80	0.00	
2	T	Dichlorodifluoromethane	10.000	10.528	-5.3	76	0.00	
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00	
4	P,T	Chloromethane	10.000	9.104	9.0	66	0.02	
5	C,T	Vinyl chloride	10.000	9.484	5.2	68	0.00	
6	T	Bromomethane	10.000	10.480	-4.8	78	0.02	
7	T	Chloroethane	10.000	9.599	4.0	71	0.02	
8	T	Dichlorofluoromethane	10.000	11.841	-18.4	92	0.00	
9	T	Trichlorofluoromethane	10.000	8.746	12.5	70	0.00	
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00	
11	T	Acrolein	50.000	40.835	18.3	63	0.00	
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	12.739	-27.4#	103	0.00	NT
13	T	Acetone	50.000	44.222	11.6	75	0.02	
14	C,T,M	1,1-Dichloroethene	10.000	11.433	-14.3	90	0.02	
15	T	tert-Butyl alcohol	50.000	30.417	39.2#	48	0.00	NT
16	T	Acetonitrile	100.000	88.877	11.1	78	0.00	
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.02	
18	T	Iodomethane	10.000	11.490	-14.9	92	0.00	
19	T	Methylene chloride	10.000	10.288	-2.9	84	0.02	
20	T	Carbon disulfide	10.000	0.142	98.6#	1	0.00	TC FA4 not spk or New plug
21	T	Acrylonitrile	50.000	46.519	7.0	73	0.00	
22	T	tert-Butyl methyl ether (MT	10.000	11.192	-11.9	90	0.00	
23	T	trans-1,2-Dichloroethene	10.000	10.752	-7.5	85	0.00	
24	T	Isopropyl ether (DIPE)	10.000	10.207	-2.1	81	0.02	
25	T	Vinyl acetate	10.000	8.516	14.8	64	0.00	
26	P,T	1,1-Dichloroethane	10.000	10.738	-7.4	86	0.00	
27	T	2-Butanol	50.000	45.701	8.6	79	0.02	
28	T	tert-Butyl ethyl ether (ETB	10.000	12.147	-21.5#	96	0.00	NT
29	T	2-Butanone	50.000	42.963	14.1	73	0.00	
30	T	2,2-Dichloropropane	10.000	8.721	12.8	68	0.00	
31	T	cis-1,2-Dichloroethene	10.000	12.767	-27.7#	103	0.02	I 20% II
32	C,T	Chloroform	10.000	10.696	-7.0	85	0.00	
33	T	Bromochloromethane	10.000	10.370	-3.7	83	0.00	
34	T	Tetrahydrofuran	10.000	9.116	8.8	74	0.02	
35	S	Dibromofluoromethane	10.000	10.031	-0.3	79	0.00	
36	T	1,1,1-Trichloroethane	10.000	10.722	-7.2	84	0.00	
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.00	
38	T	tert-Amyl methyl ether (TAM	10.000	12.658	-26.6#	103	0.02	NT
39	S	1,2-Dichloroethane-d4	10.000	8.505	14.9	67	0.00	
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	75	0.00	

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CVO94H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	12.358	-23.6#	96	0.02
42	T	Carbon tetrachloride	10.000	11.081	-10.8	85	0.00
43	T	1,2-Dichloroethane	10.000	10.166	-1.7	77	0.00
44	T,M	Benzene	10.000	11.511	-15.1	89	0.02
45	T,M	Trichloroethene	10.000	12.295	-22.9#	96	0.00 ±4% 5194
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.02
47	C,T	1,2-Dichloropropane	10.000	10.993	-9.9	84	0.00
48	T	1,4-Dioxane	200.000	225.893	-12.9	84	0.00
49	T	Bromodichloromethane	10.000	10.681	-6.8	81	0.00
50	T	Dibromomethane	10.000	11.055	-10.5	85	0.00
51	T	2-Chloroethyl vinyl ether	10.000	12.157	-21.6#	108	0.02 NT
52	T	4-Methyl-2-pentanone	50.000	47.542	4.9	72	0.00
53	T	cis-1,3-Dichloropropene	10.000	10.308	-3.1	80	0.00
54	S	Toluene-d8	10.000	9.515	4.8	74	0.02
55	C,T,M	Toluene	10.000	11.237	-12.4	87	0.00
56	T	Ethyl methacrylate	10.000	10.028	-0.3	76	0.02
57	T	trans-1,3-Dichloropropene	10.000	9.849	1.5	74	0.02
58	T	2-Hexanone	50.000	46.461	7.1	69	0.02
59	T	1,1,2-Trichloroethane	10.000	11.033	-10.3	85	0.00
60	T	1,3-Dichloropropane	10.000	10.481	-4.8	81	0.00
61	T	Tetrachloroethene	10.000	11.782	-17.8	93	0.02
62	T	Dibromochloromethane	10.000	10.775	-7.8	82	0.02
63	T	1,2-Dibromoethane	10.000	11.212	-12.1	84	0.00
64	T	1-Chlorohexane	10.000	8.709	12.9	67	0.00
65	P,M	Chlorobenzene	10.000	11.377	-13.8	87	0.02
66	C,T	Ethylbenzene	10.000	11.129	-11.3	84	0.02
67	T	1,1,1,2-Tetrachloroethane	10.000	10.894	-8.9	83	0.00
68	T	m-Xylene & p-Xylene	20.000	22.774	-13.9	84	0.00
69	T	o-Xylene	10.000	11.673	-16.7	86	0.02
70	T	Styrene	10.000	12.364	-23.6#	92	0.00 ±20% IA
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	89	0.02
72	T	Isopropylbenzene	10.000	10.352	-3.5	91	0.00
73	P,T	Bromoform	10.000	10.663	-6.6	96	0.02
74	P,T	1,1,2,2-Tetrachloroethane	10.000	9.423	5.8	85	0.02
75	S	4-Bromofluorobenzene	10.000	8.513	14.9	78	0.00
76	T	1,2,3-Trichloropropane	10.000	9.671	3.3	88	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	7.733	22.7#	75	0.00 NT
78	T	n-Propylbenzene	10.000	10.288	-2.9	92	0.02
79	T	Bromobenzene	10.000	10.898	-9.0	101	0.02
80	T	1,3,5-Trimethylbenzene	10.000	10.217	-2.2	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CVO94H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.259	7.4	84	0.00
82	T	4-Chlorotoluene	10.000	10.680	-6.8	98	0.00
83	T	tert-Butylbenzene	10.000	10.469	-4.7	97	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.213	-2.1	92	0.00
85	T	sec-Butylbenzene	10.000	10.844	-8.4	94	0.00
86	T	p-Isopropyltoluene	10.000	10.633	-6.3	93	0.00
87	T	1,3-Dichlorobenzene	10.000	10.592	-5.9	97	0.00
88	T	1,4-Dichlorobenzene	10.000	10.512	-5.1	96	0.00
89	T	n-Butylbenzene	10.000	10.036	-0.4	89	0.00
90	T	1,2-Dichlorobenzene	10.000	10.520	-5.2	96	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.667	3.3	91	0.02
92	T	1,2,4-Trichlorobenzene	10.000	10.350	-3.5	92	0.02
93	T	Hexachlorobutadiene	10.000	12.233	-22.3#	111	0.02
94	T	Naphthalene	10.000	8.743	12.6	84	0.02
95	T	1,2,3-Trichlorobenzene	10.000	8.636	13.6	84	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CVO94H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	0.00
2	T	Dichlorodifluoromethane	0.292	0.307	-5.1	76	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.618	0.563	8.9	66	0.02
5	C,T	Vinyl chloride	0.543	0.515	5.2	68	0.00
6	T	Bromomethane	0.293	0.307	-4.8	78	0.02
7	T	Chloroethane	0.309	0.297	3.9	71	0.02
8	T	Dichlorofluoromethane	0.742	0.879	-18.5	92	0.00
9	T	Trichlorofluoromethane	0.326	0.325	0.3	70	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.009	0.007	22.2#	63	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.218	0.277	-27.1#	103	0.00
13	T	Acetone	0.029	0.026	10.3	75	0.02
14	C,T,M	1,1-Dichloroethene	0.576	0.659	-14.4	90	0.02
15	T	tert-Butyl alcohol	0.013	0.008	38.5#	48#	0.00
16	T	Acetonitrile	0.015	0.013	13.3	78	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.02
18	T	Iodomethane	0.648	0.745	-15.0	92	0.00
19	T	Methylene chloride	0.430	0.443	-3.0	84	0.02
20	T	Carbon disulfide	1.196	0.017	98.6#	1#	0.00
21	T	Acrylonitrile	0.039	0.036	7.7	73	0.00
22	T	tert-Butyl methyl ether (MT	0.301	0.337	-12.0	90	0.00
23	T	trans-1,2-Dichloroethene	0.507	0.545	-7.5	85	0.00
24	T	Isopropyl ether (DIPE)	0.975	0.995	-2.1	81	0.02
25	T	Vinyl acetate	0.280	0.238	15.0	64	0.00
26	P,T	1,1-Dichloroethane	0.603	0.648	-7.5	86	0.00
27	T	2-Butanol	0.008	0.007	12.5	79	0.02
28	T	tert-Butyl ethyl ether (ETB	0.444	0.540	-21.6#	96	0.00
29	T	2-Butanone	0.051	0.043	15.7	73	0.00
30	T	2,2-Dichloropropane	0.239	0.208	13.0	68	0.00
31	T	cis-1,2-Dichloroethene	0.315	0.402	-27.6#	103	0.02
32	C,T	Chloroform	0.486	0.520	-7.0	85	0.00
33	T	Bromochloromethane	0.219	0.227	-3.7	83	0.00
34	T	Tetrahydrofuran	0.026	0.024	7.7	74	0.02
35	S	Dibromofluoromethane	0.289	0.290	-0.3	79	0.00
36	T	1,1,1-Trichloroethane	0.333	0.357	-7.2	84	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.00
38	T	tert-Amyl methyl ether (TAM	0.058	0.073	-25.9#	103	0.02
39	S	1,2-Dichloroethane-d4	0.183	0.156	14.8	67	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CV094H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.177	0.219	-23.7#	96	0.02
42	T	Carbon tetrachloride	0.412	0.457	-10.9	85	0.00
43	T	1,2-Dichloroethane	0.262	0.267	-1.9	77	0.00
44	T,M	Benzene	1.523	1.754	-15.2	89	0.02
45	T,M	Trichloroethene	0.432	0.531	-22.9#	96	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.02
47	C,T	1,2-Dichloropropane	0.357	0.392	-9.8	84	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	84	0.00
49	T	Bromodichloromethane	0.378	0.404	-6.9	81	0.00
50	T	Dibromomethane	0.124	0.138	-11.3	85	0.00
51	T	2-Chloroethyl vinyl ether	0.053	0.064	-20.8#	108	0.02
52	T	4-Methyl-2-pentanone	0.135	0.128	5.2	72	0.00
53	T	cis-1,3-Dichloropropene	0.468	0.482	-3.0	80	0.00
54	S	Toluene-d8	1.225	1.165	4.9	74	0.02
55	C,T,M	Toluene	1.395	1.568	-12.4	87	0.00
56	T	Ethyl methacrylate	0.203	0.204	-0.5	76	0.02
57	T	trans-1,3-Dichloropropene	0.309	0.304	1.6	74	0.02
58	T	2-Hexanone	0.081	0.075	7.4	69	0.02
59	T	1,1,2-Trichloroethane	0.153	0.169	-10.5	85	0.00
60	T	1,3-Dichloropropane	0.317	0.332	-4.7	81	0.00
61	T	Tetrachloroethene	0.329	0.387	-17.6	93	0.02
62	T	Dibromochloromethane	0.249	0.268	-7.6	82	0.02
63	T	1,2-Dibromoethane	0.163	0.183	-12.3	84	0.00
64	T	1-Chlorohexane	0.637	0.555	12.9	67	0.00
65	P,M	Chlorobenzene	0.886	1.008	-13.8	87	0.02
66	C,T	Ethylbenzene	1.594	1.774	-11.3	84	0.02
67	T	1,1,1,2-Tetrachloroethane	0.317	0.345	-8.8	83	0.00
68	T	m-Xylene & p-Xylene	1.167	1.329	-13.9	84	0.00
69	T	o-Xylene	1.140	1.331	-16.8	86	0.02
70	T	Styrene	0.847	1.047	-23.6#	92	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	89	0.02
72	T	Isopropylbenzene	4.602	4.764	-3.5	91	0.00
73	P,T	Bromoform	0.324	0.346	-6.8	96	0.02
74	P,T	1,1,2,2-Tetrachloroethane	0.503	0.474	5.8	85	0.02
75	S	4-Bromofluorobenzene	1.085	0.923	14.9	78	0.00
76	T	1,2,3-Trichloropropane	0.113	0.109	3.5	88	0.00
77	T	trans-1,4-Dichloro-2-butene	0.108	0.083	23.1#	75	0.00
78	T	n-Propylbenzene	5.796	5.963	-2.9	92	0.02
79	T	Bromobenzene	1.014	1.105	-9.0	101	0.02
80	T	1,3,5-Trimethylbenzene	3.426	3.501	-2.2	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I18\RID360.D
Acq On : 18 Sep 2010 10:54 pm
Sample : CVO94H1142 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94H11.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Aug 13 10:14:14 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.546	3.283	7.4	84	0.00
82	T	4-Chlorotoluene	2.404	2.568	-6.8	98	0.00
83	T	tert-Butylbenzene	0.936	0.979	-4.6	97	0.00
84	T	1,2,4-Trimethylbenzene	3.183	3.251	-2.1	92	0.00
85	T	sec-Butylbenzene	4.880	5.292	-8.4	94	0.00
86	T	p-Isopropyltoluene	3.956	4.206	-6.3	93	0.00
87	T	1,3-Dichlorobenzene	2.025	2.145	-5.9	97	0.00
88	T	1,4-Dichlorobenzene	1.888	1.984	-5.1	96	0.00
89	T	n-Butylbenzene	4.003	4.018	-0.4	89	0.00
90	T	1,2-Dichlorobenzene	1.492	1.569	-5.2	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.066	0.064	3.0	91	0.02
92	T	1,2,4-Trichlorobenzene	0.605	0.626	-3.5	92	0.02
93	T	Hexachlorobutadiene	0.485	0.593	-22.3#	111	0.02
94	T	Naphthalene	0.645	0.666	-3.3	84	0.02
95	T	1,2,3-Trichlorobenzene	0.381	0.369	3.1	84	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: FMAX Inc
Lab Code: FMXI Case No.:
Lab File ID: R10543
Instrument ID: 7094
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 09/28/10
BFB Injection Time : 13:28
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.53
75	30.0 - 60.0% of mass 95	40.52
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.49
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	91.04
175	5.0 - 9.0% of mass 174	7.13(7.8)1
176	95.0 - 101.0% of mass 174	90.48(99.3)1
177	5.0 - 9.0% of mass 176	5.74(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV09412206	R10544	09/28/10	14:02
2	MBLK3W	V0941250	R10550	09/28/10	18:15
3	LCS3W	V0941250	R10548	09/28/10	17:02
4	LCD3W	V0941250	R10546	09/28/10	15:10
5	RDD-5-A10	1246-DBR	R10557	09/28/10	22:32
6	MW-70-PMW12A-A10	1246-05R	R10558	09/28/10	23:09

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R10406
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101246
Date Analyzed: 09/22/10
Time Analyzed: 14:10
Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
	12 HOUR STD	1541422	14.01	1216950	18.69	471082	22.01
	UPPER LIMIT	3082844	14.51	2433900	18.19	942164	22.51
	LOWER LIMIT	770711	13.51	608475	18.19	235541	21.51
	SAMPLE ID						
1	VSTD010	1356701	14.02	1137782	18.70	402582	22.02
2	MBLK3W	1451868	14.01	1185675	18.69	338542	22.01
3	LCS3W	1473835	14.02	1181255	18.70	419045	22.02
4	LCD3W	1458053	14.02	1192784	18.70	407468	22.02
5	RDD_5-A10	1420766	14.02	1171393	18.70	336813	22.00
6	MW 70-PMW12A-A10	1469536	14.02	1216170	18.70	349246	22.02

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	10.000	9.129	8.7	77	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	10.244	-2.4	89	0.00
5	C,T	Vinyl chloride	10.000	10.627	-6.3	89	0.00
6	T	Bromomethane	10.000	9.397	6.0	81	0.00
7	T	Chloroethane	10.000	10.437	-4.4	88	0.00
8	T	Dichlorofluoromethane	10.000	10.904	-9.0	91	0.00
9	T	Trichlorofluoromethane	10.000	10.449	-4.5	86	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	46.820	6.4	83	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.288	7.1	79	0.00
13	T	Acetone	50.000	53.373	-6.7	95	0.00
14	C,T,M	1,1-Dichloroethene	10.000	10.188	-1.9	86	0.00
15	T	tert-Butyl alcohol	50.000	55.404	-10.8	97	0.00
16	T	Acetonitrile	100.000	109.596	-9.6	100	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.577	4.2	80	0.00
19	T	Methylene chloride	10.000	10.587	-5.9	92	0.00
20	T	Carbon disulfide	10.000	9.956	0.4	83	0.00
21	T	Acrylonitrile	50.000	56.183	-12.4	94	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.696	-7.0	88	0.00
23	T	trans-1,2-Dichloroethene	10.000	10.494	-4.9	88	0.00
24	T	Isopropyl ether (DIPE)	10.000	11.162	-11.6	92	0.00
25	T	Vinyl acetate	10.000	10.904	-9.0	93	0.00
26	P,T	1,1-Dichloroethane	10.000	10.634	-6.3	89	0.00
27	T	2-Butanol	50.000	64.091	-28.2#	111	0.00 ±20% high
28	T	tert-Butyl ethyl ether (ETB	10.000	11.131	-11.3	92	0.00
29	T	2-Butanone	50.000	51.915	-3.8	95	0.00
30	T	2,2-Dichloropropane	10.000	11.361	-13.6	93	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.843	1.6	83	0.00
32	C,T	Chloroform	10.000	10.066	-0.7	84	0.00
33	T	Bromochloromethane	10.000	11.153	-11.5	91	0.00
34	T	Tetrahydrofuran	10.000	11.145	-11.4	102	0.00
35	S	Dibromofluoromethane	10.000	9.605	3.9	80	0.00
36	T	1,1,1-Trichloroethane	10.000	9.995	0.1	83	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.05
38	T	tert-Amyl methyl ether (TAM	10.000	10.228	-2.3	85	0.00
39	S	1,2-Dichloroethane-d4	10.000	9.812	1.9	81	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	93	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	9.386	6.1	84	0.00
42	T	Carbon tetrachloride	10.000	9.536	4.6	85	0.00
43	T	1,2-Dichloroethane	10.000	9.957	0.4	87	0.00
44	T,M	Benzene	10.000	9.454	5.5	84	0.00
45	T,M	Trichloroethene	10.000	10.015	-0.2	90	0.00
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.063	-0.6	88	0.00
48	T	1,4-Dioxane	200.000	200.107	-0.1	88	0.00
49	T	Bromodichloromethane	10.000	9.387	6.1	82	0.00
50	T	Dibromomethane	10.000	9.151	8.5	81	0.00
51	T	2-Chloroethyl vinyl ether	10.000	9.104	9.0	93	0.00
52	T	4-Methyl-2-pentanone	50.000	53.344	-6.7	96	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.551	4.5	84	0.00
54	S	Toluene-d8	10.000	8.824	11.8	79	0.00
55	C,T,M	Toluene	10.000	9.283	7.2	83	0.00
56	T	Ethyl methacrylate	10.000	10.361	-3.6	90	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.848	1.5	86	0.00
58	T	2-Hexanone	50.000	56.296	-12.6	99	0.00
59	T	1,1,2-Trichloroethane	10.000	9.529	4.7	85	0.00
60	T	1,3-Dichloropropane	10.000	9.741	2.6	87	0.00
61	T	Tetrachloroethene	10.000	8.115	18.8	75	0.00
62	T	Dibromochloromethane	10.000	10.280	-2.8	91	0.00
63	T	1,2-Dibromoethane	10.000	9.846	1.5	87	0.00
64	T	1-Chlorohexane	10.000	9.412	5.9	87	0.00
65	P,M	Chlorobenzene	10.000	10.266	-2.7	92	0.00
66	C,T	Ethylbenzene	10.000	9.838	1.6	88	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	10.525	-5.3	95	0.00
68	T	m-Xylene & p-Xylene	20.000	19.888	0.6	88	0.00
69	T	o-Xylene	10.000	10.076	-0.8	88	0.00
70	T	Styrene	10.000	10.533	-5.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	85	0.00
72	T	Isopropylbenzene	10.000	10.558	-5.6	91	0.00
73	P,T	Bromoform	10.000	9.363	6.4	77	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	10.591	-5.9	88	0.00
75	S	4-Bromofluorobenzene	10.000	9.782	2.2	83	0.00
76	T	1,2,3-Trichloropropane	10.000	10.819	-8.2	90	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	10.953	-9.5	89	0.00
78	T	n-Propylbenzene	10.000	10.437	-4.4	87	0.00
79	T	Bromobenzene	10.000	9.455	5.4	80	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.767	-7.7	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	10.595	-6.0	78	0.00
82	T	4-Chlorotoluene	10.000	10.112	-1.1	104	0.00
83	T	tert-Butylbenzene	10.000	11.283	-12.8	95	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.887	-8.9	90	0.00
85	T	sec-Butylbenzene	10.000	10.837	-8.4	90	0.00
86	T	p-Isopropyltoluene	10.000	11.927	-19.3	96	0.00
87	T	1,3-Dichlorobenzene	10.000	10.467	-4.7	87	0.00
88	T	1,4-Dichlorobenzene	10.000	10.528	-5.3	87	0.00
89	T	n-Butylbenzene	10.000	10.996	-10.0	89	0.00
90	T	1,2-Dichlorobenzene	10.000	10.503	-5.0	87	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.564	4.4	81	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.285	-2.9	90	0.00
93	T	Hexachlorobutadiene	10.000	12.012	-20.1#	97	0.00
94	T	Naphthalene	10.000	10.177	-1.8	94	0.00
95	T	1,2,3-Trichlorobenzene	10.000	10.055	-0.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	0.293	0.267	8.9	77	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.510	0.523	-2.5	89	0.00
5	C,T	Vinyl chloride	0.459	0.487	-6.1	89	0.00
6	T	Bromomethane	0.309	0.291	5.8	81	0.00
7	T	Chloroethane	0.281	0.294	-4.6	88	0.00
8	T	Dichlorofluoromethane	0.782	0.853	-9.1	91	0.00
9	T	Trichlorofluoromethane	0.345	0.361	-4.6	86	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.008	0.007	12.5	83	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.291	0.270	7.2	79	0.00
13	T	Acetone	0.024	0.025	-4.2	95	0.00
14	C,T,M	1,1-Dichloroethene	0.596	0.607	-1.8	86	0.00
15	T	tert-Butyl alcohol	0.007	0.008	-14.3	97	0.00
16	T	Acetonitrile	0.012	0.014	-16.7	100	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.717	0.687	4.2	80	0.00
19	T	Methylene chloride	0.397	0.420	-5.8	92	0.00
20	T	Carbon disulfide	1.415	1.409	0.4	83	0.00
21	T	Acrylonitrile	0.031	0.035	-12.9	94	0.00
22	T	tert-Butyl methyl ether (MT	0.309	0.331	-7.1	88	0.00
23	T	trans-1,2-Dichloroethene	0.495	0.519	-4.8	88	0.00
24	T	Isopropyl ether (DIPE)	0.866	0.966	-11.5	92	0.00
25	T	Vinyl acetate	0.263	0.286	-8.7	93	0.00
26	P,T	1,1-Dichloroethane	0.588	0.625	-6.3	89	0.00
27	T	2-Butanol	0.006	0.007	-16.7	111	0.00
28	T	tert-Butyl ethyl ether (ETB	0.484	0.539	-11.4	92	0.00
29	T	2-Butanone	0.041	0.043	-4.9	95	0.00
30	T	2,2-Dichloropropane	0.233	0.264	-13.3	93	0.00
31	T	cis-1,2-Dichloroethene	0.351	0.345	1.7	83	0.00
32	C,T	Chloroform	0.494	0.498	-0.8	84	0.00
33	T	Bromochloromethane	0.195	0.217	-11.3	91	0.00
34	T	Tetrahydrofuran	0.022	0.025	-13.6	102	0.00
35	S	Dibromofluoromethane	0.283	0.272	3.9	80	0.00
36	T	1,1,1-Trichloroethane	0.347	0.347	0.0	83	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.05
38	T	tert-Amyl methyl ether (TAM	0.070	0.072	-2.9	85	0.00
39	S	1,2-Dichloroethane-d4	0.149	0.146	2.0	81	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	93	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.219	0.205	6.4	84	0.00
42	T	Carbon tetrachloride	0.449	0.428	4.7	85	0.00
43	T	1,2-Dichloroethane	0.241	0.240	0.4	87	0.00
44	T,M	Benzene	1.659	1.568	5.5	84	0.00
45	T,M	Trichloroethene	0.509	0.510	-0.2	90	0.00
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.355	0.357	-0.6	88	0.00
48	T	1,4-Dioxane	0.001	0.001	0.0	88	0.00
49	T	Bromodichloromethane	0.380	0.357	6.1	82	0.00
50	T	Dibromomethane	0.131	0.120	8.4	81	0.00
51	T	2-Chloroethyl vinyl ether	0.052	0.047	9.6	93	0.00
52	T	4-Methyl-2-pentanone	0.113	0.121	-7.1	96	0.00
53	T	cis-1,3-Dichloropropene	0.470	0.449	4.5	84	0.00
54	S	Toluene-d8	1.245	1.099	11.7	79	0.00
55	C,T,M	Toluene	1.553	1.441	7.2	83	0.00
56	T	Ethyl methacrylate	0.190	0.197	-3.7	90	0.00
57	T	trans-1,3-Dichloropropene	0.298	0.294	1.3	86	0.00
58	T	2-Hexanone	0.067	0.075	-11.9	99	0.00
59	T	1,1,2-Trichloroethane	0.167	0.159	4.8	85	0.00
60	T	1,3-Dichloropropane	0.312	0.304	2.6	87	0.00
61	T	Tetrachloroethene	0.427	0.346	19.0	75	0.00
62	T	Dibromochloromethane	0.254	0.261	-2.8	91	0.00
63	T	1,2-Dibromoethane	0.178	0.175	1.7	87	0.00
64	T	1-Chlorohexane	0.582	0.548	5.8	87	0.00
65	P,M	Chlorobenzene	0.999	1.026	-2.7	92	0.00
66	C,T	Ethylbenzene	1.769	1.741	1.6	88	0.00
67	T	1,1,1,2-Tetrachloroethane	0.337	0.355	-5.3	95	0.00
68	T	m-Xylene & p-Xylene	1.327	1.319	0.6	88	0.00
69	T	o-Xylene	1.296	1.306	-0.8	88	0.00
70	T	Styrene	0.996	1.049	-5.3	90	0.00
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	85	0.00
72	T	Isopropylbenzene	5.092	5.376	-5.6	91	0.00
73	P,T	Bromoform	0.355	0.332	6.5	77	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.497	0.526	-5.8	88	0.00
75	S	4-Bromofluorobenzene	1.020	0.998	2.2	83	0.00
76	T	1,2,3-Trichloropropane	0.112	0.121	-8.0	90	0.00
77	T	trans-1,4-Dichloro-2-butene	0.083	0.091	-9.6	89	0.00
78	T	n-Propylbenzene	6.240	6.513	-4.4	87	0.00
79	T	Bromobenzene	1.197	1.132	5.4	80	0.00
80	T	1,3,5-Trimethylbenzene	3.647	3.927	-7.7	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID544.D
Acq On : 28 Sep 2010 2:02 pm
Sample : CVO94I2206 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.527	3.737	-6.0	78	0.00
82	T	4-Chlorotoluene	2.629	2.659	-1.1	104	0.00
83	T	tert-Butylbenzene	1.024	1.156	-12.9	95	0.00
84	T	1,2,4-Trimethylbenzene	3.339	3.636	-8.9	90	0.00
85	T	sec-Butylbenzene	5.534	5.997	-8.4	90	0.00
86	T	p-Isopropyltoluene	4.248	5.067	-19.3	96	0.00
87	T	1,3-Dichlorobenzene	2.256	2.361	-4.7	87	0.00
88	T	1,4-Dichlorobenzene	2.099	2.210	-5.3	87	0.00
89	T	n-Butylbenzene	4.309	4.739	-10.0	89	0.00
90	T	1,2-Dichlorobenzene	1.647	1.730	-5.0	87	0.00
91	T	1,2-Dibromo-3-chloropropane	0.071	0.068	4.2	81	0.00
92	T	1,2,4-Trichlorobenzene	0.661	0.746	-12.9	90	0.00
93	T	Hexachlorobutadiene	0.519	0.624	-20.2#	97	0.00
94	T	Naphthalene	0.684	0.783	-14.5	94	0.00
95	T	1,2,3-Trichlorobenzene	0.376	0.434	-15.4	89	0.00

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R10564
Instrument ID: TO9%
GC Column:RTX502.210:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101246
BFB Injection Date : 09/29/10
BFB Injection Time : 02:47
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.22
75	30.0 - 60.0% of mass 95	42.61
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.65
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.66
175	5.0 - 9.0% of mass 174	6.68(7.7)1
176	95.0 - 101.0% of mass 174	82.79(95.5)1
177	5.0 - 9.0% of mass 176	5.46(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV094I2207	R10565	09/29/10	03:24
2	MBLK4W	V094I26Q	R10570	09/29/10	06:26
3	LCS4W	V094I26L	R10566	09/29/10	04:01
4	LCD4W	V094I26C	R10567	09/29/10	04:37
5	MW-70-MNA08-A10DL	I246-10T	R10571	09/29/10	07:02
6	MW-70-PMW10-A10-DDL	I246-04T	R10572	09/29/10	07:38
7	MW-70-PMW10-A10DL	I246-03T	R10573	09/29/10	08:14
8	MW-70-PMW09-A10DL	I246-02T	R10574	09/29/10	08:50

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RT0406
Instrument ID: T094
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101246
Date Analyzed: 09/22/10
Time Analyzed: 1410
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1541422	14.01	1216950	18.69	471082	22.01
UPPER LIMIT	3082844	14.51	2433900	19.19	942164	22.51
LOWER LIMIT	770711	13.51	608475	18.19	235541	21.51
SAMPLE ID						
1 VST0010	1416517	14.01	1171392	18.69	392419	22.01
2 MBLK4W	1519201	14.02	1247805	18.70	348785	22.02
3 LCS4W	1490831	14.01	1198999	18.69	399407	22.01
4 LCD4W	1455517	14.01	1176430	18.69	391031	22.01
5 MW-70-MNA08-A10DL	1311620	14.02	1066902	18.70	309139	22.02
6 MW-70-PMW10-A10-DDL	1419390	14.01	1148933	18.69	324120	22.01
7 MW-70-PMW10-A10DL	1331217	14.02	1099422	18.70	301558	22.02
8 MW-70-PMW09-A10DL	1451922	14.01	1205507	18.69	331652	22.01

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-B260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CV094I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V094I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	92	0.00
2	T	Dichlorodifluoromethane	10.000	7.416	25.8#	65	0.00
3	T	Dichlorotetrafluoroethane	-1.000	0.000	0.0	0	0.00
4	P,T	Chloromethane	10.000	8.927	10.7	81	0.00
5	C,T	Vinyl chloride	10.000	8.481	15.2	74	0.00
6	T	Bromomethane	10.000	8.205	17.9	73	0.00
7	T	Chloroethane	10.000	8.968	10.3	79	0.00
8	T	Dichlorofluoromethane	10.000	9.538	4.6	83	0.00
9	T	Trichlorofluoromethane	10.000	8.377	16.2	72	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	38.539	22.9#	72	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	7.959	20.4#	70	0.01
13	T	Acetone	50.000	49.408	1.2	92	0.00
14	C,T,M	1,1-Dichloroethene	10.000	9.079	9.2	80	0.00
15	T	tert-Butyl alcohol	50.000	51.221	-2.4	94	0.00
16	T	Acetonitrile	100.000	100.033	-0.0	95	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.058	9.4	79	0.00
19	T	Methylene chloride	10.000	10.111	-1.1	91	0.00
20	T	Carbon disulfide	10.000	8.382	16.2	73	0.00
21	T	Acrylonitrile	50.000	53.966	-7.9	94	0.00
22	T	tert-Butyl methyl ether (MT	10.000	9.802	2.0	84	-0.01
23	T	trans-1,2-Dichloroethene	10.000	9.775	2.2	85	0.00
24	T	Isopropyl ether (DIPE)	10.000	10.492	-4.9	90	0.00
25	T	Vinyl acetate	10.000	8.705	13.0	78	0.00
26	P,T	1,1-Dichloroethane	10.000	10.202	-2.0	89	0.00
27	T	2-Butanol	50.000	53.523	-7.0	97	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	10.207	-2.1	88	0.00
29	T	2-Butanone	50.000	48.558	2.9	92	0.00
30	T	2,2-Dichloropropane	10.000	8.688	13.1	74	-0.01
31	T	cis-1,2-Dichloroethene	10.000	9.326	6.7	82	0.00
32	C,T	Chloroform	10.000	9.691	3.1	84	-0.01
33	T	Bromochloromethane	10.000	10.698	-7.0	91	0.00
34	T	Tetrahydrofuran	10.000	10.337	-3.4	99	0.00
35	S	Dibromofluoromethane	10.000	9.726	2.7	85	0.00
36	T	1,1,1-Trichloroethane	10.000	9.332	6.7	81	0.00
37	T	Cyclohexane	-1.000	0.000	0.0	0	0.06
38	T	tert-Amyl methyl ether (TAM	10.000	9.317	6.8	81	0.00
39	S	1,2-Dichloroethane-d4	10.000	9.913	0.9	86	0.00
40	I	CHLOROBENZENE-D5	10.000	10.000	0.0	96	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CVO94I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	10.000	8.734	12.7	81	0.00
42	T	Carbon tetrachloride	10.000	9.183	8.2	85	-0.01
43	T	1,2-Dichloroethane	10.000	10.031	-0.3	90	0.00
44	T,M	Benzene	10.000	9.076	9.2	83	0.00
45	T,M	Trichloroethene	10.000	9.860	1.4	91	-0.01
46	T	Methylcyclohexane	-1.000	0.000	0.0	0	0.00
47	C,T	1,2-Dichloropropane	10.000	10.051	-0.5	91	-0.01
48	T	1,4-Dioxane	200.000	181.318	9.3	82	0.00
49	T	Bromodichloromethane	10.000	9.464	5.4	85	-0.01
50	T	Dibromomethane	10.000	9.047	9.5	82	-0.01
51	T	2-Chloroethyl vinyl ether	10.000	8.392	16.1	88	0.00
52	T	4-Methyl-2-pentanone	50.000	50.833	-1.7	95	0.00
53	T	cis-1,3-Dichloropropene	10.000	9.149	8.5	83	-0.01
54	S	Toluene-d8	10.000	8.954	10.5	82	0.00
55	C,T,M	Toluene	10.000	9.055	9.5	83	-0.01
56	T	Ethyl methacrylate	10.000	9.756	2.4	87	0.00
57	T	trans-1,3-Dichloropropene	10.000	9.398	6.0	84	0.00
58	T	2-Hexanone	50.000	52.121	-4.2	94	0.00
59	T	1,1,2-Trichloroethane	10.000	9.381	6.2	86	-0.01
60	T	1,3-Dichloropropane	10.000	9.598	4.0	89	0.00
61	T	Tetrachloroethene	10.000	7.814	21.9#	74	0.00
62	T	Dibromochloromethane	10.000	10.515	-5.2	96	0.00
63	T	1,2-Dibromoethane	10.000	9.775	2.2	89	0.00
64	T	1-Chlorohexane	10.000	8.749	12.5	83	0.00
65	P,M	Chlorobenzene	10.000	9.937	0.6	92	0.00
66	C,T	Ethylbenzene	10.000	9.324	6.8	86	0.00
67	T	1,1,1,2-Tetrachloroethane	10.000	10.547	-5.5	99	0.00
68	T	m-Xylene & p-Xylene	20.000	18.975	5.1	86	0.00
69	T	o-Xylene	10.000	9.664	3.4	87	0.00
70	T	Styrene	10.000	9.968	0.3	87	-0.01
71	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	83	0.00
72	T	Isopropylbenzene	10.000	10.482	-4.8	88	0.00
73	P,T	Bromoform	10.000	9.877	1.2	79	0.00
74	P,T	1,1,2,2-Tetrachloroethane	10.000	10.206	-2.1	83	0.00
75	S	4-Bromofluorobenzene	10.000	10.027	-0.3	83	0.00
76	T	1,2,3-Trichloropropane	10.000	10.793	-7.9	87	0.00
77	T	trans-1,4-Dichloro-2-butene	10.000	10.067	-0.7	80	0.00
78	T	n-Propylbenzene	10.000	10.057	-0.6	81	0.00
79	T	Bromobenzene	10.000	9.298	7.0	76	0.00
80	T	1,3,5-Trimethylbenzene	10.000	10.704	-7.0	86	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CVO94I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	10.000	9.656	3.4	69	0.00
82	T	4-Chlorotoluene	10.000	11.061	-10.6	111	0.00
83	T	tert-Butylbenzene	10.000	11.253	-12.5	93	0.00
84	T	1,2,4-Trimethylbenzene	10.000	10.772	-7.7	87	0.00
85	T	sec-Butylbenzene	10.000	10.587	-5.9	86	0.00
86	T	p-Isopropyltoluene	10.000	11.571	-15.7	90	-0.01
87	T	1,3-Dichlorobenzene	10.000	10.223	-2.2	83	-0.01
88	T	1,4-Dichlorobenzene	10.000	10.191	-1.9	82	-0.01
89	T	n-Butylbenzene	10.000	9.991	0.1	79	0.00
90	T	1,2-Dichlorobenzene	10.000	10.184	-1.8	82	-0.01
91	T	1,2-Dibromo-3-chloropropane	10.000	9.050	9.5	75	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.467	5.3	81	0.00
93	T	Hexachlorobutadiene	10.000	11.413	-14.1	90	0.00
94	T	Naphthalene	10.000	9.607	3.9	86	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.481	5.2	82	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CVO94I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	0.00
2	T	Dichlorodifluoromethane	0.293	0.217	25.9#	65	0.00
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.510	0.455	10.8	81	0.00
5	C,T	Vinyl chloride	0.459	0.389	15.3	74	0.00
6	T	Bromomethane	0.309	0.254	17.8	73	0.00
7	T	Chloroethane	0.281	0.252	10.3	79	0.00
8	T	Dichlorofluoromethane	0.782	0.746	4.6	83	0.00
9	T	Trichlorofluoromethane	0.345	0.289	16.2	72	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.008	0.006	25.0#	72	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.291	0.232	20.3#	70	0.01
13	T	Acetone	0.024	0.023	4.2	92	0.00
14	C,T,M	1,1-Dichloroethene	0.596	0.541	9.2	80	0.00
15	T	tert-Butyl alcohol	0.007	0.008	-14.3	94	0.00
16	T	Acetonitrile	0.012	0.012	0.0	95	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.717	0.650	9.3	79	0.00
19	T	Methylene chloride	0.397	0.401	-1.0	91	0.00
20	T	Carbon disulfide	1.415	1.186	16.2	73	0.00
21	T	Acrylonitrile	0.031	0.034	-9.7	94	0.00
22	T	tert-Butyl methyl ether (MT	0.309	0.303	1.9	84	-0.01
23	T	trans-1,2-Dichloroethene	0.495	0.484	2.2	85	0.00
24	T	Isopropyl ether (DIPE)	0.866	0.908	-4.8	90	0.00
25	T	Vinyl acetate	0.263	0.229	12.9	78	0.00
26	P,T	1,1-Dichloroethane	0.588	0.599	-1.9	89	0.00
27	T	2-Butanol	0.006	0.006	0.0	97	0.00
28	T	tert-Butyl ethyl ether (ETB	0.484	0.494	-2.1	88	0.00
29	T	2-Butanone	0.041	0.040	2.4	92	0.00
30	T	2,2-Dichloropropane	0.233	0.202	13.3	74	-0.01
31	T	cis-1,2-Dichloroethene	0.351	0.327	6.8	82	0.00
32	C,T	Chloroform	0.494	0.479	3.0	84	-0.01
33	T	Bromochloromethane	0.195	0.208	-6.7	91	0.00
34	T	Tetrahydrofuran	0.022	0.023	-4.5	99	0.00
35	S	Dibromofluoromethane	0.283	0.276	2.5	85	0.00
36	T	1,1,1-Trichloroethane	0.347	0.324	6.6	81	0.00
37	T	Cyclohexane	0.000	0.000	0.0	0#	0.06
38	T	tert-Amyl methyl ether (TAM	0.070	0.065	7.1	81	0.00
39	S	1,2-Dichloroethane-d4	0.149	0.148	0.7	86	0.00
40	I	CHLOROBENZENE-D5	1.000	1.000	0.0	96	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CVO94I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,1-Dichloropropene	0.219	0.191	12.8	81	0.00
42	T	Carbon tetrachloride	0.449	0.413	8.0	85	-0.01
43	T	1,2-Dichloroethane	0.241	0.242	-0.4	90	0.00
44	T,M	Benzene	1.659	1.505	9.3	83	0.00
45	T,M	Trichloroethene	0.509	0.502	1.4	91	-0.01
46	T	Methylcyclohexane	0.000	0.000	0.0	0#	0.00
47	C,T	1,2-Dichloropropane	0.355	0.356	-0.3	91	-0.01
48	T	1,4-Dioxane	0.001	0.001	0.0	82	0.00
49	T	Bromodichloromethane	0.380	0.360	5.3	85	-0.01
50	T	Dibromomethane	0.131	0.119	9.2	82	-0.01
51	T	2-Chloroethyl vinyl ether	0.052	0.043	17.3	88	0.00
52	T	4-Methyl-2-pentanone	0.113	0.115	-1.8	95	0.00
53	T	cis-1,3-Dichloropropene	0.470	0.430	8.5	83	-0.01
54	S	Toluene-d8	1.245	1.115	10.4	82	0.00
55	C,T,M	Toluene	1.553	1.406	9.5	83	-0.01
56	T	Ethyl methacrylate	0.190	0.185	2.6	87	0.00
57	T	trans-1,3-Dichloropropene	0.298	0.280	6.0	84	0.00
58	T	2-Hexanone	0.067	0.069	-3.0	94	0.00
59	T	1,1,2-Trichloroethane	0.167	0.156	6.6	86	-0.01
60	T	1,3-Dichloropropane	0.312	0.300	3.8	89	0.00
61	T	Tetrachloroethene	0.427	0.333	22.0#	74	0.00
62	T	Dibromochloromethane	0.254	0.267	-5.1	96	0.00
63	T	1,2-Dibromoethane	0.178	0.174	2.2	89	0.00
64	T	1-Chlorohexane	0.582	0.509	12.5	83	0.00
65	P,M	Chlorobenzene	0.999	0.993	0.6	92	0.00
66	C,T	Ethylbenzene	1.769	1.650	6.7	86	0.00
67	T	1,1,1,2-Tetrachloroethane	0.337	0.355	-5.3	99	0.00
68	T	m-Xylene & p-Xylene	1.327	1.259	5.1	86	0.00
69	T	o-Xylene	1.296	1.253	3.3	87	0.00
70	T	Styrene	0.996	0.992	0.4	87	-0.01
71	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	83	0.00
72	T	Isopropylbenzene	5.092	5.337	-4.8	88	0.00
73	P,T	Bromoform	0.355	0.350	1.4	79	0.00
74	P,T	1,1,2,2-Tetrachloroethane	0.497	0.507	-2.0	83	0.00
75	S	4-Bromofluorobenzene	1.020	1.023	-0.3	83	0.00
76	T	1,2,3-Trichloropropane	0.112	0.121	-8.0	87	0.00
77	T	trans-1,4-Dichloro-2-butene	0.083	0.083	0.0	80	0.00
78	T	n-Propylbenzene	6.240	6.275	-0.6	81	0.00
79	T	Bromobenzene	1.197	1.113	7.0	76	0.00
80	T	1,3,5-Trimethylbenzene	3.647	3.904	-7.0	86	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RID565.D
Acq On : 29 Sep 2010 3:24 am
Sample : CVO94I2207 10ppb
Misc : 10ppb8260/50ppbKET-A-ACN-TBA
MS Integration Params: LSCINT1.P

Vial: 2
Operator: AS
Inst : TO94
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO94I22.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 24 11:05:43 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	3.527	3.406	3.4	69	0.00
82	T	4-Chlorotoluene	2.629	2.908	-10.6	111	0.00
83	T	tert-Butylbenzene	1.024	1.153	-12.6	93	0.00
84	T	1,2,4-Trimethylbenzene	3.339	3.597	-7.7	87	0.00
85	T	sec-Butylbenzene	5.534	5.859	-5.9	86	0.00
86	T	p-Isopropyltoluene	4.248	4.916	-15.7	90	-0.01
87	T	1,3-Dichlorobenzene	2.256	2.306	-2.2	83	-0.01
88	T	1,4-Dichlorobenzene	2.099	2.139	-1.9	82	-0.01
89	T	n-Butylbenzene	4.309	4.305	0.1	79	0.00
90	T	1,2-Dichlorobenzene	1.647	1.677	-1.8	82	-0.01
91	T	1,2-Dibromo-3-chloropropane	0.071	0.064	9.9	75	0.00
92	T	1,2,4-Trichlorobenzene	0.661	0.685	-3.6	81	0.00
93	T	Hexachlorobutadiene	0.519	0.593	-14.3	90	0.00
94	T	Naphthalene	0.684	0.736	-7.6	86	0.00
95	T	1,2,3-Trichlorobenzene	0.376	0.408	-8.5	82	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 8-11-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H11B

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RHD314	BFB94H11	2 µl					TUNE CHECK
02	315	V094H11B1	[illegible]					[illegible]
03	316	02	[illegible]					5 / 1/4 / 1/8
04	317	03	[illegible]					1 / 5 / 1/4
05	318	04	[illegible]					2 / 1/4 / 1/8
06	319	05	[illegible]					5 / 25 / 1/10
07	320	06	[illegible]					10 / 50 / 1/20
08	321	07	[illegible]					20 / 100 / 1/40
09	322	08	[illegible]					30 / 150 / 1/60
10	323	09	[illegible]					40 / 200 / 1/80
11	324	10	[illegible]					50 / 250 / 1/100
12	325	11	[illegible]					100 / 500 / 1/200
13	326	Rinse	25 ml	1.0				
14	327							
15	328	V094H16B						
16	329	IV094H11B1	[illegible]					10 / 50 / 1/20
17	330	02						
18	331	Rinse	25 ml	1.0				
19	332							
20								
21								
22								
23								
24								
25								AS 8-12-10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
CAL ID	V094H11

STANDARDS

NAME	ID	CONC. (ng/l)
DCC 8260	SV1-16-22-2	50/250
DCC Ref-AA	-25-	250
DCC Gases	-21-	250
DCC 2-Butanol	-18-	250
	-19-	250
BFB	SV1-15-97-1	50
IS/SURR.	SV1-16-18-2	250
	-18-3	
LCS 8260	-23-2	50/250
LCS Ref-AA	-16-2	250
LCS Gases 2-Butanol	SV1-12-388	250 / 1000
SOLVENT	ID	
METHANOL		
DATA FILE	10H11	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments:

Analyzed By: AS

Date Disposed: 8-12-10

Disposed By: AS

2073

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-18-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H11

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Color	Matrix S	Notes
01	RID337	BFB94I16	2 µL					TCHECK 9:44
02	338	CV094H11 41	5 µL					Kel-A @10 ppb 5 µL
03	339	V094I16L	5 µL					
04	340	↓ C	↓					
05	341	Rinse	25mL	10				
06	342	V094I16B						MB
07	343	↓ Q						MB
08	344	10I246-11			HNO3	LOW		FB
09	345	10I211-02R			✓	✓		FB confirm hits, bottom line
10	346	10I219-01			✓	✓		FB
11	347	-02			✓	✓		FB
12	348	↓ -03			✓	✓		EB
13	349	10I246-01			✓	✓		
14	350	-03			✓	✓		NRB1199
15	351	-04			✓	✓		NRB1199
16	352	↓ -05			✓	✓		NRB1 ppb
17	353	Rinse						
18	354	10I246-02			✓	✓		NRB1199
19	355	-02M			✓	✓		MS
20	356	↓ -02SD			✓	✓		MSD 24.75
21	357	Rinse						
22	358	↓	↓	↓				
23								
24								
25								AS 9/20/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-10
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC. (ng/L)
CCC 8260	361-16-21-3	
DCC Kel-A & gases	-34-2 -37-1	
DCC 2-Butanol	-26-3 -38-1	
BFB	-26-2	50/25ml 100ng/25ml
IS/SURR.	-33-2	
LCS 8260	-36-3	
LCS Kel-A	-35-1	
LCS 2-Butanol	361-12-38 -25-3	

SOLVENT	ID
METHANOL	
DATA FILE	10I19

Electronic Data Archival

Location	Date
HPCHEM_VOA/7094	

Comments:

Analyzed By: AS

Date Disposed: 9/20/10

Disposed By: AS

2073

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev. No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-18-16 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH V094H11-42

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (ppm)	Matrix S	Notes
01	RJD959	BE04I17	2 µL					HCHECK 22:59
02	360	CV094H142	[illegible]					4/2 5194 5/62 MAC MMT
03	361	V094I17L	[illegible]					
04	362	↓ C	↓					
05	363	Name	25 mL	1.0				
06	364	V094I17B						4.9
07	365	↓ D						4.5
08	366	BEI194-05			[illegible]	[illegible]		TB 4/2 w/Lead QC
09	367	V052416-16			✓	✓		Dupl. of 7
10	368	-07			✓	✓		
11	369	-08			✓	✓		4/2 & 4 DCs
12	370	-09			✓	✓		
13	371	-10			✓	✓		4/2 & 4 DCs
14	372	BEI194-01			✓	✓		4/2 w/Lead QC & 4 DCs
15	373	-02			✓	✓		
16	374	-03			✓	✓		
17	375	-04			✓	✓		4/2
18	376	Rinse						Cold Tap w/Lead, old Bag
19	377							
20	378							
21	379							
22	380							
23								
24								
25								AS 9/28/16

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	8-11-16
ICAL ID	V094H11

STANDARDS

NAME	ID	CONC (ng/L)
DCC 8260	SV1-16-21-3	
DCC Ketone	-34-2	
DCC 624	-39-1	
DCC 624 Ketone	-36-3	5/25/24
	-39-3	10/24/24
BFB	-26-2	
IS/SURR.	-33-2	
LCS 8260	-36-3	
LCS Ketone	-35-1	
LCS 624 Ketone	-35-3	
	SV1-12-3800	

SOLVENT	ID
METHANOL	
DATA FILE	DJ18

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	867 to 850 9/29/16

Comments:

Analyzed By: AS

Date Disposed: 9/29/16

Disposed By: AS

2000

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-22-10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl (mg/L)	Matrix S	Notes
01	RJB4008	BFB342219	2 µl					T/CHECK
02	401	V094I22Ø1	[illegible]					[illegible]
03	402	Ø2	[illegible]					5 /25
04	403	Ø3	[illegible]					1 /5
05	404	Ø4	[illegible]					2 /10
06	405	Ø5	[illegible]					5 /25
07	406	Ø6	[illegible]					10 /50
08	407	Ø7	[illegible]					20 /100
09	408	Ø8	[illegible]					30 /150
10	409	Ø9	[illegible]					40 /200
11	410	10	[illegible]					50 /250
12	411	11	[illegible]					100 /500
13	412	rinse	25ml	1/10				
14	413							
15	414	V094I198						
16	415	* IV094I2801	[illegible]					10 /50 1/10 dil
17	416	Rinse						
18	417							
19								
20								
21								
22								
23								
24								
25								AS 9/23/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	9-22-10
ICAL ID	VC94I22

STANDARDS

NAME	ID	CONC. (ug/L)
DCC 8260	9VL-16-37-3	50/250
DCC Ketones	-36-3 -35-1	250 250
DCC 2-Butanol	-36-3 -35-3	250 1250
BFB	-26-2	50
IS/SURR. IS SS	-18-2 -18-3	250
LCS 8260	-37-1	50/250
LCS Ketones	-35-1	250
LCS 2-Butanol	-36-1 -36-1	250 1250
SOLVENT	ID	
METHANOL		
DATA FILE	0ØE22	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T094	

Comments: * not valid for 1-chlorohexane

Analyzed By: AS

Date Disposed: 9/23/10

Disposed By: AS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9-28-18 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH 9/22/18

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Dechl	Matrix S	Notes
01	RID543	BFB94E25	2µL					T/check 13:28
02	544	CV094I22µL	5/5/1/1µL					
03	545	V094I25L	5/5/1/1µL					LCC X below-2
04	546	↓ C	↓					
05	547	rinse	25mL	1.0				
06	548	V094I25F	5/5/1/1µL					
07	549	V094I25B	25mL	1.0				MB
08	550	↓ Q						MS
09	551	ID I25-03R1			[illegible]	[illegible]		TB EMAX TB 02-04-41
10	552	↓ -04R1			✓	✓		
11	553	ID I23-05R1			✓	✓		
12	554	-06R1			✓	✓		
13	555	-07R1			✓	✓		
14	556	-02R1			✓	✓		
15	557	ID I24-03R1			✓	✓		
16	558	-04R1			✓	✓		
17	559	ID I25-01R			✓	✓		He N/A
18	560	-01U			✓	✓		MS 1st std blank, He N/A
19	561	-01V			✓	✓		MSD 0057
20	562	Rinse						0057
21	563	↓	↓	↓				
22								
23								
24								
25								AS 9/29/18

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	9-22-18
ICAL ID	V094I22
STANDARDS	
NAME	ID / CONC (ng/L)
DCC 8260	GVL 16-37-3
DCC Ref std	34-1
DCC 2 Rebuild	37-3
BFB	26-2
IS/SURR	39-2
LCS 8260	37-1
LCS Ref std	35-1
LCS 2 Rebuild	36-1
SOLVENT	ID
METHANOL	
DATA FILE	10I28
Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOSH	

Comments:

Analyzed By: AS

Date Disposed: 9-29-18

Disposed By: AS

2083

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 2 ☐

Start Date: 9/ ☐ 5-ml Purge ☒ 25-ml Purge

Book # A94 -031

BATCH C094I22Ø4

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O (gm)	Matrix S	Notes
01		10I564	BF094I26	2 µl					T/CHECK 0847
02		565	CW094I22Ø7	[illegible]					
03		566	VO94I26L	[illegible]					
04		567	↓ C	↓					
05		568	rinse	25ml	1.0				
06		569	VO94I26B	↓	↓				
07		570	↓ Q	↓	↓				
08		571	10I24610T	25ml	1.0	4.4	4.4		
09		572	-01T	↓	↓	/	/		
10		573	-03C	↓	↓	/	/		
11		574	-02T	↓	↓	/	/		0856
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									AS 9/29/10

Instrument No.	94
INITIAL CALIBRATION REFERENCE	
DATE	9-22-10
CAL ID	VC94I22

STANDARDS

NAME	ID	CONC. (mg/l)
DCC 8260	SVL-16-37-3	
DCC Ket-A*	-39-3	
DCC 624	-41-3	
DCC 2-Butanol	-31-3	
BFB	-26-2	
IS/SURR	-39-2	
LCS 8260	-37-1	
LCS Ket-A*	-35-1	
LCS 2-Butanol	SVL-12-38Ø -36-1	
SOLVENT	ID	
METHANOL		
DATA FILE	10I28	

Electronic Data Archival

Location	Date
HPCHEM_VOA/10I94	

Comments:

Analyzed By: AS

Date Disposed: 9-29-10

Disposed By: AS

2003

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I246

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD RSK-175
DISSOLVED GASES

A total of ten (10) water samples were received on 09/16/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA at R.S. Kerr Environmental Research Laboratory, Ada, OK 74820 March 15, 1989.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for DGI019L/C were all within QC limits.
Percent recoveries for DGI021L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I246-02M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101246
Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGI019B	1	NA	09/27/1014:37	09/27/1012:30	FI27012A	FI27031A	DGI019W	Method Blank
LCS1W	DGI019L	1	NA	09/27/1014:50	09/27/1012:30	FI27013A	FI27031A	DGI019W	Lab Control Sample (LCS)
LCD1W	DGI019C	1	NA	09/27/1015:02	09/27/1012:30	FI27014A	FI27031A	DGI019W	LCS Duplicate
MBLK2W	DGI021B	1	NA	09/28/1008:14	09/28/1007:30	FI28003A	FI28002A	DGI021W	Method Blank
LCS2W	DGI021L	1	NA	09/28/1008:26	09/28/1007:30	FI28004A	FI28002A	DGI021W	Lab Control Sample (LCS)
LCD2W	DGI021C	1	NA	09/28/1008:39	09/28/1007:30	FI28005A	FI28002A	DGI021W	LCS Duplicate
IW-70-SHB113-A10	I246-01	1	NA	09/27/1015:39	09/27/1012:30	FI27017A	FI27031A	DGI019W	Field Sample
IW-70-SHB113-A10DL	I246-01J	1000	NA	09/27/1019:43	09/27/1012:30	FI27035A	FI27038A	DGI019W	Diluted Sample
MW-70-PMW09-A10	I246-02	1	NA	09/27/1015:53	09/27/1012:30	FI27018A	FI27031A	DGI019W	Field Sample
MW-70-PMW10-A10	I246-03	1	NA	09/27/1016:41	09/27/1012:30	FI27022A	FI27031A	DGI019W	Field Sample
MW-70-PMW10-A10-D	I246-04	1	NA	09/27/1016:53	09/27/1012:30	FI27023A	FI27031A	DGI019W	Field Sample
MW-70-PMW12A-A10	I246-05	1	NA	09/27/1017:06	09/27/1012:30	FI27024A	FI27031A	DGI019W	Field Sample
MW-70-PMW12A-A10DL	I246-05T	1000	NA	09/27/1019:55	09/27/1012:30	FI27036A	FI27031A	DGI019W	Diluted Sample
MW-70-PMW12B-A10-D	I246-06	1	NA	09/28/1008:50	09/27/1012:30	FI28006A	FI28002A	DGI019W	Field Sample
MW-70-PMW12B-A10-DDL1	I246-06T	1000	NA	09/28/1009:03	09/28/1007:30	FI28007A	FI28002A	DGI021W	Diluted Sample
MW-70-PMW12B-A10-DDL2	I246-06I	10	NA	09/28/1009:15	09/28/1007:30	FI28008A	FI28002A	DGI021W	Diluted Sample
MW-70-PMW12B-A10	I246-07	1	NA	09/28/1009:28	09/28/1007:30	FI28009A	FI28002A	DGI021W	Field Sample
MW-70-PMW12B-A10DL1	I246-07T	2000	NA	09/28/1010:17	09/28/1007:30	FI28013A	FI28002A	DGI021W	Diluted Sample
MW-70-PMW12B-A10DL2	I246-07I	10	NA	09/28/1011:08	09/28/1007:30	FI28017A	FI28016A	DGI021W	Diluted Sample
RDO-5-A10	I246-08	1	NA	09/28/1009:39	09/28/1007:30	FI28010A	FI28002A	DGI021W	Field Sample
RDO-5-A10DL	I246-08T	1000	NA	09/28/1010:30	09/28/1007:30	FI28014A	FI28002A	DGI021W	Diluted Sample
MW-70-MNA07-A10	I246-09	1	NA	09/28/1009:52	09/28/1007:30	FI28011A	FI28002A	DGI021W	Field Sample
MW-70-MNA07-A10DL1	I246-09T	2000	NA	09/28/1010:43	09/28/1007:30	FI28015A	FI28002A	DGI021W	Diluted Sample
MW-70-MNA07-A10DL2	I246-09I	20	NA	09/28/1011:20	09/28/1011:20	FI28018A	FI28016A	DGI021W	Diluted Sample
MW-70-MNA08-A10	I246-10	1	NA	09/28/1010:03	09/28/1007:30	FI28012A	FI28002A	DGI021W	Field Sample
MW-70-MNA08-A10DL	I246-10T	10	NA	09/28/1011:35	09/28/1007:30	FI28019A	FI28016A	DGI021W	Diluted Sample
MW-70-PMW09-A10MS	I246-02M	1	NA	09/27/1016:17	09/27/1012:30	FI27020A	FI27031A	DGI019W	Matrix Spike Sample (MS)
MW-70-PMW09-A10MSD	I246-02S	1	NA	09/27/1016:30	09/27/1012:30	FI27021A	FI27031A	DGI019W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/27/10 12:30
Sample ID:	IW-70-SHB113-A10	Date Analyzed:	09/27/10 15:39
Lab Samp ID:	1246-01	Dilution Factor:	1
Lab File ID:	F127017A	Matrix :	WATER
Ext Btch ID:	DG1019W	% Moisture :	NA
Calib. Ref.:	F127031A	Instrument ID :	GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	29	2.0	0.60
METHANE	580E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/27/10 12:30
Sample ID:	IW-70-SNB113-A100L	Date Analyzed:	09/27/10 19:43
Lab Samp ID:	1246-01J	Dilution Factor:	1000
Lab File ID:	F127035A	Matrix :	WATER
Ext Batch ID:	DG1019W	% Moisture :	NA
Calib. Ref.:	F127038A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	23000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/15/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/16/10
Batch No. : 101246	Date Extracted: 09/27/10 12:30
Sample ID: MW-70-PMW09-A10	Date Analyzed: 09/27/10 15:53
Lab Samp ID: 1246-02	Dilution Factor: 1
Lab File ID: F127018A	Matrix : WATER
Ext Btch ID: DG101 9W	% Moisture : NA
Calib. Ref.: F127031A	Instrument ID : GC1D10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.1J	2.0	0.60
METHANE	23	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/15/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/16/10
Batch No. : 1D1246	Date Extracted: 09/27/10 12:30
Sample ID: MW-70-PMW10-A10	Date Analyzed: 09/27/10 16:41
Lab Samp ID: 1246-03	Dilution Factor: 1
Lab File ID: F127022A	Matrix : WATER
Ext Btch ID: DG1019W	% Moisture : NA
Calib. Ref.: F127031A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.81J	2.0	0.60
ETHENE	1.2J	2.0	0.60
METHANE	25	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/27/10 12:30
Sample ID:	MW-70-PMW1D-A10-D	Date Analyzed:	09/27/10 16:53
Lab Samp ID:	1246-04	Dilution Factor:	1
Lab File ID:	F127023A	Matrix :	WATER
Ext Batch ID:	DG101 9W	% Moisture :	NA
Calib. Ref.:	F127031A	Instrument ID :	GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.87J	2.0	0.60
ETHENE	1.2J	2.0	0.60
METHANE	25	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 10I246	Date Extracted:	09/27/10 12:30
Sample ID:	MW-70-PMW12A-A10	Date Analyzed:	09/27/10 17:06
Lab Samp ID:	1246-05	Dilution Factor:	1
Lab File ID:	F127024A	Matrix :	WATER
Ext Btch ID:	DGI019W	% Moisture :	NA
Calib. Ref.:	F127031A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	3.7	2.0	0.60
METHANE	520E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEG, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/27/10 12:30
Sample ID:	MW-70-PMW12A-A100L	Date Analyzed:	09/27/10 19:55
Lab Samp ID:	I246-05T	Dilution Factor:	1000
Lab File ID:	FI27036A	Matrix	: WATER
Ext Btch ID:	DGI019W	% Moisture	: NA
Calib. Ref.:	FI27031A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	11000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/27/10 12:30
Sample ID:	MW-70-PMW128-A10-0	Date Analyzed:	09/28/10 08:50
Lab Samp ID:	1246-06	Dilution Factor:	1
Lab File ID:	F128006A	Matrix :	WATER
Ext Batch ID:	DG1019W	% Moisture :	NA
Calib. Ref.:	F128002A	Instrument ID :	GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.7J	2.0	0.60
ETHENE	76E	2.0	0.60
METHANE	590E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-PMW128-A10-DD1.2	Date Analyzed:	09/28/10 09:15
Lab Samp ID:	1246-061	Dilution Factor:	10
Lab File ID:	F128008A	Matrix	: WATER
Ext Btch ID:	DG1021W	% Moisture	: NA
Calib. Ref.:	F128002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	74	20	6.0
METHANE	2400E	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EFC, INC.	Date Collected:	09/15/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-PMW12B-A10-DDL1	Date Analyzed:	09/28/10 09:03
Lab Samp ID:	1246-06T	Dilution Factor:	1000
Lab File ID:	F128007A	Matrix	: WATER
Ext Btch ID:	DGI021W	% Moisture	: NA
Calib. Ref.:	F128007A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	13000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT SEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-PMW128-A10	Date Analyzed:	09/28/10 09:28
Lab Samp ID:	1246-07	Dilution Factor:	1
Lab File ID:	FI28009A	Matrix	: WATER
Ext Btch ID:	DGI021W	% Moisture	: NA
Calib. Ref.:	FI28002A	Instrument ID	: GCTO10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.7J	2.0	0.60
ETHENE	83E	2.0	0.60
METHANE	66DE	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-PMW12B-A100L2	Date Analyzed:	09/28/10 11:08
Lab Samp ID:	1246-07I	Dilution Factor:	10
Lab File ID:	F128017A	Matrix	: WATER
Ext Btch ID:	DG1021W	% Moisture	: NA
Calib. Ref.:	F128016A	Instrument ID	: GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	71	20	6.0
METHANE	2400E	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101746	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-PMW12B-A10DL1	Date Analyzed:	09/28/10 10:17
Lab Samp ID:	1246-07T	Dilution Factor:	2000
Lab File ID:	FI28015A	Matrix :	WATER
Ext Btch ID:	DG1021W	% Moisture :	NA
Calib. Ref.:	FI28002A	Instrument ID :	GCTQ10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	4000	1200
ETHENE	ND	4000	1200
METHANE	15000	4000	1200

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/20/10 07:30
Sample ID:	RDO-5-A10	Date Analyzed:	09/20/10 09:39
Lab Samp ID:	1246-08	Dilution Factor:	1
Lab File ID:	F128010A	Matrix	: WATER
Ext Btch ID:	DG1021W	% Moisture	: NA
Calib. Ref.:	F128002A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	9.3	2.0	0.60
METHANE	430E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 10I246	Date Extracted:	09/28/10 07:30
Sample ID	: RDO-5-A100L	Date Analyzed:	09/28/10 10:50
Lab Samp ID	: 1246-08T	Dilution Factor:	1000
Lab File ID	: F128014A	Matrix	: WATER
Ext Btch ID	: DGI021W	% Moisture	: NA
Calib. Ref.	: F128002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	7500	2000	600

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EFC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-MNA07-A10	Date Analyzed:	09/28/10 09:52
Lab Samp ID:	I246-09	Dilution Factor:	1
Lab File ID:	F128011A	Matrix	: WATER
Ext Btch ID:	DG1021W	% Moisture	: NA
Calib. Ref.:	F128002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.4J	2.0	0.60
ETHENE	230E	2.0	0.60
METHANE	720E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 10I246	Date Extracted:	09/28/10 11:20
Sample ID:	MW-70-MNA07-A10DL2	Date Analyzed:	09/28/10 11:20
Lab Samp ID:	1246-09I	Dilution Factor:	20
Lab File ID:	FI28018A	Matrix	: WATER
Ext Btch ID:	DGI021W	% Moisture	: NA
Calib. Ref.:	FI28016A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	40	12
ETHENE	190	40	12
METHANE	5600E	40	12

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/16/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/16/10
Batch No. : 101246	Date Extracted: 09/28/10 07:30
Sample ID: MW-70-MNAD7-A100L1	Date Analyzed: 09/28/10 10:43
Lab Samp ID: I246-09r	Dilution Factor: 2000
Lab File ID: F128015A	Matrix : WATER
Ext Btch ID: OG1021W	% Moisture : NA
Calib. Ref.: F128002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	4000	1200
ETHENE	ND	4000	1200
METHANE	17000	4000	1200

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/16/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MW-70-MNA08-A10	Date Analyzed:	09/28/10 10:03
Lab Samp ID:	1246-10	Dilution Factor:	1
Lab File ID:	F128012A	Matrix	: WATER
Ext Btch ID:	DG1021W	% Moisture	: NA
Calib. Ref.:	F128002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	1.5J	2.0	0.60
ETHENE	0.73J	2.0	0.60
METHANE	67E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT ECC, INC.	Date Collected: 09/16/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/16/10
Batch No. : 101246	Date Extracted: 09/28/10 07:30
Sample ID: MW-70 MNA08-A10DL	Date Analyzed: 09/28/10 11:35
Lab Samp ID: 1246-10T	Dilution Factor: 10
Lab File ID: F128019A	Matrix : WATER
Ext Btch ID: DG10210	% Moisture : NA
Calib. Ref.: F128016A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	ND	20	6.0
METHANE	68	20	6.0

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/27/10
Batch No. : 101246	Date Extracted: 09/27/10 12:30
Sample ID: MBLK1W	Date Analyzed: 09/27/10 14:37
Lab Samp ID: DGI0198	Dilution Factor: 1
Lab File ID: F127012A	Matrix : WATER
Ext Btch ID: DGI019W	% Moisture : NA
Calib. Ref.: F127031A	Instrument ID : GCT01D

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGI019B	DGI019L	DGI019C		
LAB FILE ID:	F127012A	F127013A	F127014A		
DATE EXTRACTED:	09/27/1012:30	09/27/1012:30	09/27/1012:30	DATE COLLECTED:	NA
DATE ANALYZED:	09/27/1014:37	09/27/1014:50	09/27/1015:02	DATE RECEIVED:	09/27/10
PREP. BATCH:	DGI019W	DGI019W	DGI019W		
CALIB. REF:	F127031A	F127031A	F127031A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	26.2	103	25.4	24.5	96	7	70-140	30
Ethene	ND	23.7	24.5	104	23.7	23.2	98	6	70-140	30
Methane	ND	13.6	12.7	93	13.6	12.0	88	6	70-130	30

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT ECC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101246	Date Extracted:	09/28/10 07:30
Sample ID:	MBLK2W	Date Analyzed:	09/28/10 08:14
Lab Samp ID:	DG1021B	Dilution Factor:	1
Lab File ID:	F128003A	Matrix :	WATER
Ext Btch ID:	DG1021W	% Moisture :	NA
Calib. Ref.:	F128002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	DG1021B	DG1021L	DG1021C		
LAB FILE ID:	F128003A	F128004A	F128005A		
DATE EXTRACTED:	09/28/1007:30	09/28/1007:30	09/28/1007:30	DATE COLLECTED:	NA
DATE ANALYZED:	09/28/1008:14	09/28/1008:26	09/28/1008:39	DATE RECEIVED:	09/28/10
PREP. BATCH:	DG1021W	DG1021W	DG1021W		
CALIB. REF:	F128002A	F128002A	F128002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	27.5	108	25.4	27.3	108	1	70-140	30
Ethene	ND	23.7	24.7	104	23.7	24.6	104	1	70-140	30
Methane	ND	13.6	13.6	100	13.6	13.4	99	1	70-130	30

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	NW-70-PMW09-A10				
LAB SAMP ID:	1246-02	1246-02M	1246-02S		
LAB FILE ID:	F127018A	F127020A	F127021A		
DATE EXTRACTED:	09/27/1012:30	09/27/1012:30	09/27/1012:50	DATE COLLECTED:	09/15/10
DATE ANALYZED:	09/27/1015:53	09/27/1016:17	09/27/1016:30	DATE RECEIVED:	09/16/10
PREP. BATCH:	DGI019W	DGI019W	DGI019W		
CALIB. REF:	F127031A	F127031A	F127031A		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	23.2	92	25.4	23.9	94	3	60-140	30
Ethene	1.15J	23.7	22.1	88	23.7	23.0	92	4	20-160	30
Methane	22.7	13.6	25.4	20	13.6	26.1	25	2	10-160	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	34588	25487	26923	23299	26364	25246	26984.4	14.5
Ethylene	0.59	18195	14654	16354	14507	16520	15806	16006.0	8.5
Ethane	0.64	25427	21095	23864	20941	24224	23278	23138.2	7.7
Propane	0.93	25561	20961	25981	22347	25211	24182	24040.3	8.3

DG10127.MET

RS
9/27/10

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: F127005A 09/27/10 13:01
LFID & Datetime: F127006A 09/27/10 13:15
LFID & Datetime: F127007A 09/27/10 13:29
LFID & Datetime: F127008A 09/27/10 13:43
LFID & Datetime: F127009A 09/27/10 13:58
LFID & Datetime: F127010A 09/27/10 14:12

COMPOUND	RT OF STANDARDS (MIN) 2.0X	10.0X	25.0X	40.0X	75.0X	100.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
Methane	1.108	1.108	1.108	1.100	1.100	1.100	1.104	1.075	1.133	0.029
Ethylene	2.692	2.692	2.692	2.675	2.675	2.683	2.685	2.634	2.736	0.051
Ethane	3.125	3.125	3.125	3.108	3.108	3.117	3.118	3.068	3.168	0.050
Propane	6.033	6.042	6.050	6.017	6.017	6.017	6.029	5.942	6.116	0.087

DG101277.MF1

QA
9/Aug/10
4032

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX
Instrument ID : GCT01D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI27011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.930	6.104	37.3	24040.3	864724	35.97	-4		15

0G10127.ME1

9/20/10

DAILY CALIBRATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI27011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.930	6.104	37.3	24040.3	864724	35.97	-4		15

GC10I27_MET

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: F127008A 09/27/2010 13:43
Conc Cont LFID & Datetime: F127031A 09/27/2010 18:47
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	393589	14.59	8		15
Ethylene	2.675	2.624	2.726	23.7	16006.0	430407	26.89	13		15
Ethane	3.108	3.058	3.158	25.4	23138.2	666398	28.80	13		15
Propane	5.985	5.896	6.070	37.3	24040.3	1001341	41.65	12		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI27038A 09/27/2010 20:20
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	386810	14.34	6		15
Ethylene	2.675	2.624	2.726	23.7	16006.0	422364	26.39	11		15
Ethane	3.108	3.058	3.158	25.4	23138.2	649309	28.06	10		15
Propane	5.992	5.905	6.079	37.3	24040.3	1011687	42.08	13		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27D08A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI28D02A 09/28/2010 08:01
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	390664	14.48	7		15
Ethylene	2.667	2.616	2.718	23.7	16006.0	414856	25.92	9		15
Ethane	3.108	3.058	3.158	25.4	23138.2	664386	28.71	13		15
Propane	5.983	5.896	6.070	37.3	24040.3	944093	39.27	5		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI28016A 09/28/2010 10:55
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	402612	14.92	10		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	425339	26.57	12		15
Ethane	3.133	3.083	3.183	25.4	23138.2	674972	29.17	15		15
Propane	6.033	5.946	6.120	37.3	24040.3	1033743	43.00	15	*	15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: F127008A 09/27/2010 13:43
Conc Cont LFID & Datetime: F128020A 09/28/2010 11:47
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.117	1.088	1.146	13.6	26984.4	378504	14.03	3		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	405698	25.35	7		15
Ethane	3.125	3.075	3.175	25.4	23138.2	639658	27.65	9		15
Propane	6.017	5.930	6.104	37.3	24040.3	1006639	41.87	12		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOKEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI28035A 09/28/2010 14:58
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.117	1.088	1.146	13.6	26984.4	353615	13.10	-3		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	383362	23.95	1		15
Ethane	3.125	3.075	3.175	25.4	23138.2	597841	25.84	2		15
Propane	6.033	5.946	6.120	37.3	24040.3	934330	38.87	4		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI28038A 09/28/2010 15:34
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	360521	13.36	-1		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	393027	24.56	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	616982	26.67	5		15
Propane	6.017	5.930	6.104	37.3	24040.3	958928	39.89	7		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

	std added		He added	
1)	0.08 mL	+	3.92 mL	He
2)	0.4 mL	+	3.6 mL	
3)	1.0 mL	+	3.0 mL	
4)	1.6 mL	+	2.4 mL	
5)	3.0 mL	+	1.0 mL	
6)	4.0 mL	+	0.0 mL	

Book #: A10-021

Instrument No.: 10

Analytical Sequence: FL27

Method File: DG101127

Analytical Batch: DG101127001

SOP #	Rev. #
☑ EMAX-RSK175	1
☑ EMAX-RSK175M (graphite)	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL (Scott) SSSA-09-01-1	500 ppm
DGAS ICAL (Matheson) SSSA-09-01-5	500 ppm
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 9/27/10

Disposed By: SD

Date Disposed: 9/28/10

4045

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

Run	Sample ID	Method	Filename	Mult	Description
1	1B10I359	dg10f08.met	FI27.001	1	
2	CDG10F00359	dg10f08.met	FI27.002	1	1
3	CDG10F00359	dg10f08.met	FI27.003	1	(2)DOES NOT PASS , NEED ICAL
4	CDG10F00359	dg10f08.met	FI27.004	1	3
5	DG10I27001	hods\dg10i27.met	FI27.005	1	DGAS ICAL
6	DG10I27002	hods\dg10i27.met	FI27.006	1	DGAS ICAL
7	DG10I27003	hods\dg10i27.met	FI27.007	1	DGAS ICAL
8	DG10I27004	hods\dg10i27.met	FI27.008	1	DGAS ICAL
9	DG10I27005	hods\dg10i27.met	FI27.009	1	DGAS ICAL
10	DG10I27006	hods\dg10i27.met	FI27.010	1	DGAS ICAL
11	10G10I27001	hods\dg10i27.met	FI27.011	1	DGAS ICV 2nd SOURCE
12	DGI019B	hods\dg10i27.met	FI27.012	1	
13	DGI019L	hods\dg10i27.met	FI27.013	1	
14	DGI019C	hods\dg10i27.met	FI27.014	1	
15	DGI020L	hods\dg10i27.met	FI27.015	1	
16	DGI020C	hods\dg10i27.met	FI27.016	1	
17	10I246-01	hods\dg10i27.met	FI27.017	1	
18	10I246-02	hods\dg10i27.met	FI27.018	1	
19	10I246-01T DF=10	hods\dg10i27.met	FI27.019	10	
20	10I246-02M	hods\dg10i27.met	FI27.020	1	
21	10I246-02S	hods\dg10i27.met	FI27.021	1	
22	10I246-03	hods\dg10i27.met	FI27.022	1	
23	10I246-04	hods\dg10i27.met	FI27.023	1	
24	10I246-05	hods\dg10i27.met	FI27.024	1	
25	10I246-06 ntusd see	hods\dg10i27.met	FI27.025	1	
26	TEST when FI28	hods\dg10i27.met	FI27.026	1	TEST FROM EARLIER PREP STD
27	TEST	hods\dg10i27.met	FI27.027	1	TEST FROM EARLIER PREP STD
28	TEST	hods\dg10i27.met	FI27.028	1	TEST FROM EARLIER PREP STD
29	CHANGE SEPTA	hods\dg10i27.met	FI27.029	1	
30	CDG10I27002	hods\dg10i27.met	FI27.030	1	not usable
31	CDG10I27002 ✓	hods\dg10i27.met	FI27.031	1	NEW DCC
32	10I246-02V	hods\dg10i27.met	FI27.032	1	CONF ONLY
33	10I246-01I DF=200	hods\dg10i27.met	FI27.033	200	
34	10I246-01J DF=500	hods\dg10i27.met	FI27.034	500	not usable over range
35	10I246-01J DF=1000	hods\dg10i27.met	FI27.035	1000 ✓	

FINAL

Start | Method: Dg10i27.met | Tuesday, September 28, 2011 | 10:25 AM

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F128
Method File:	PGT0147
Analytical Batch:	CDG10127002

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
Degas ~~CCC~~ ~~9558-05-01-5~~ SO 4/12/10	
Degas ~~LCS~~ ~~5558-05-01-5~~ SO 4/12/10	
Degas MCC 5558-02-42-3	200
Degas LCS 5558-06-43-1	200
Temperature (°C)	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC 9 DGAS	

Analyzed By: SD

Date: 4/28/10

Disposed By: SD

Date Disposed: 4/29/10

Method: Dg10i27.met Batch: Fi28.seq Data: Fi28 037 - [Batch: fi28.seq]

Run	Run Type	Sample ID	Method	Filename	Multiplier	Description
1	Unknown	IB10I004	dg10i27.met	FI28.001	1	
2	Unknown	CDG10I27004	dg10i27.met	FI28.002	1	
3	Unknown	DG1021B	dg10i27.met	FI28.003	1	
4	Unknown	DG1021L	dg10i27.met	FI28.004	1	
5	Unknown	DG1021C	dg10i27.met	FI28.005	1	
6	Unknown	10I246-06	dg10i27.met	FI28.006	1	
7	Unknown	10I246-06T DF=2000	dg10i27.met	FI28.007	2000	
8	Unknown	10I246-06I DF=10	dg10i27.met	FI28.008	10	
9	Unknown	10I246-07	dg10i27.met	FI28.009	1	
10	Unknown	10I246-08	dg10i27.met	FI28.010	1	
11	Unknown	10I246-09	dg10i27.met	FI28.011	1	
12	Unknown	10I246-10	dg10i27.met	FI28.012	1	
13	Unknown	10I246-07T DF=2000	dg10i27.met	FI28.013	2000	
14	Unknown	10I246-08T DF=1000	dg10i27.met	FI28.014	1000	
15	Unknown	10I246-09T DF=2000	dg10i27.met	FI28.015	2000	
16	Unknown	CDG10I27005	dg10i27.met	FI28.016	1	
17	Unknown	10I246-07I DF=10	dg10i27.met	FI28.017	10	
18	Unknown	10I246-09I DF=20	dg10i27.met	FI28.018	20	
19	Unknown	10I246-10T DF=10	dg10i27.met	FI28.019	10	
20	Unknown	CDG10I27006	dg10i27.met	FI28.020	1	
21	Unknown	10I264-02	dg10i27.met	FI28.021	1	
22	Unknown	10I264-02T DF=5	dg10i27.met	FI28.022	5	
23	Unknown	10I264-03	dg10i27.met	FI28.023	1	
24	Unknown	10I264-05	dg10i27.met	FI28.024	1	
25	Unknown	10I264-07	dg10i27.met	FI28.025	1	FINAL
26	Unknown	10I264-08	dg10i27.met	FI28.026	1	
27	Unknown	10I264-07T DF=20	dg10i27.met	FI28.027	20	
28	Unknown	10I264-09	dg10i27.met	FI28.028	1	
29	Unknown	10I264-10	dg10i27.met	FI28.029	1	
30	Unknown	10I264-07I DF=100	dg10i27.met	FI28.030	100	FROM 10X INJECT 10ul
31	Unknown	10I264-08T DF=2000	dg10i27.met	FI28.031	2000	BAD INJECTION
32	Unknown	10I264-08I DF=500	dg10i27.met	FI28.032	500	FROM 10X INJECT 2 ul
33	Unknown	10I264-10T DF=100	dg10i27.met	FI28.033	100	FROM 10 X INJECT 10 ul
34	Unknown	10I264-10I DF=100	dg10i27.met	FI28.034	100	FROM 1X INJECT 1ul
35	Unknown	CDG10I27007	dg10i27.met	FI28.035	1	

Tuesday, September 28, 2010

Start | Chromeleon | Method: Dg10i27... | 3:25 PM

Method: Dg10i27.met Batch: Fi28.seq Data: Fi28.037 - [Batch: fi28.seq]

Run	Run Type	Sample ID	Method	Filename	Vial	Description
36	Unknown	10I246-06J DF=200	dg10i27.met	FI28.036	200	FROM 10 X INJECT 5 ul
37	Unknown	10I264-10J DF=25	dg10i27.met	FI28.037	25	FROM 1X INJECT 4 ul
38	Unknown	CDG10I27050	dg10i27.met	FI28.038	1	
39	Unknown	bb	dg10i27.met	FI28.039	1	
40	Unknown	bb	dg10i27.met	FI28.040	1	
41	Unknown	bb	dg10i27.met	FI28.041	1	
42	Unknown	bb	dg10i27.met	FI28.042	1	
43	Unknown	bb	dg10i27.met	FI28.043	1	
44	Unknown	bb	dg10i27.met	FI28.044	1	
45	Unknown	bb	dg10i27.met	FI28.045	1	
46	Unknown	bb	dg10i27.met	FI28.046	1	
47	Unknown	bb	dg10i27.met	FI28.047	1	
48	Unknown	bb	dg10i27.met	FI28.048	1	
49	Unknown	bb	dg10i27.met	FI28.049	1	
50	Unknown	bb	dg10i27.met	FI28.050	1	
51	Unknown	bb	dg10i27.met	FI28.051	1	
52	Unknown	bb	dg10i27.met	FI28.052	1	
53	Unknown	bb	dg10i27.met	FI28.053	1	
54	Unknown	bb	dg10i27.met	FI28.054	1	
55	Unknown	bb	dg10i27.met	FI28.055	1	
56	Unknown	bb	dg10i27.met	FI28.056	1	
57	Unknown	bb	dg10i27.met	FI28.057	1	
58	Unknown	bb	dg10i27.met	FI28.058	1	
59	Unknown	bb	dg10i27.met	FI28.059	1	
60	Unknown	bb	dg10i27.met	FI28.060	1	
61	Unknown	bb	dg10i27.met	FI28.061	1	
62	Unknown	bb	dg10i27.met	FI28.062	1	
63	Unknown	bb	dg10i27.met	FI28.063	1	
64	Unknown	bb	dg10i27.met	FI28.064	1	
65	Unknown	bb	dg10i27.met	FI28.065	1	
66	Unknown	bb	dg10i27.met	FI28.066	1	
67	Unknown	bb	dg10i27.met	FI28.067	1	
68	Unknown	bb	dg10i27.met	FI28.068	1	
69	Unknown	bb	dg10i27.met	FI28.069	1	
70	Unknown	bb	dg10i27.met	FI28.070	1	

sn 9/28/10

FINAL

Tuesday, September 28, 2010

Start | Chromchromlogical | Method: Dg10i27.... | 3:24 PM

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28 001 - [Batch: fi27.seq]

Run	Sample ID	Method	Filename	Mult	Description
36	101246-05T DF=1000	hods\dg10i27.met	FI27.036	1000	✓
37	101246-06T DF=1000	hods\dg10i27.met	FI27.037	1000	Dr high
38	CDG10I27003	hods\dg10i27.met	FI27.038	1	
39	BB	hods\dg10i27.met	FI27.039	1	
40	BB	hods\dg10i27.met	FI27.040	1	
41	BB	hods\dg10i27.met	FI27.041	1	
42	BB	hods\dg10i27.met	FI27.042	1	
43	BB	hods\dg10i27.met	FI27.043	1	
44	BB	hods\dg10i27.met	FI27.044	1	
45	BB	hods\dg10i27.met	FI27.045	1	
46	BB	hods\dg10i27.met	FI27.046	1	
47	BB	hods\dg10i27.met	FI27.047	1	
48	BB	hods\dg10i27.met	FI27.048	1	
49	BB	hods\dg10i27.met	FI27.049	1	
50	BB	hods\dg10i27.met	FI27.050	1	
51	BB	hods\dg10i27.met	FI27.051	1	
52	BB	hods\dg10i27.met	FI27.052	1	
53	BB	hods\dg10i27.met	FI27.053	1	
54	BB	hods\dg10i27.met	FI27.054	1	
55	BB	hods\dg10i27.met	FI27.055	1	
56	BB	hods\dg10i27.met	FI27.056	1	
57	BB	hods\dg10i27.met	FI27.057	1	
58	BB	hods\dg10i27.met	FI27.058	1	
59	BB	hods\dg10i27.met	FI27.059	1	
60	BB	hods\dg10i27.met	FI27.060	1	
61	BB	hods\dg10i27.met	FI27.061	1	
62	BB	dg10f08.met	FI27.062	1	
63	BB	dg10f08.met	FI27.063	1	
64	BB	dg10f08.met	FI27.064	1	
65	BB	dg10f08.met	FI27.065	1	
66	BB	dg10f08.met	FI27.066	1	
67	BB	dg10f08.met	FI27.067	1	
68	BB	dg10f08.met	FI27.068	1	
69	BB	dg10f08.met	FI27.069	1	
70	BB	dg10f08.met	FI27.070	1	

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FINAL

Start | EZChrom Chromatography | Method: Dg10i27.met... | Tuesday, September 28, 2011

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/27/10 Time: 9:30 End Date: 9/27/10 Time: 12:30

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (mL)	pH	Notes
01	DG10127-001	39	4	N/A	
02	DG10127-002				
03	DG10127-003				DGAS TCAL
04	DG10127-004				
05	DG10127-005				
06	DG10127-006				
07	DG10127-007				DGAS TCAL
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

CD 9/27/10

Standards	ID	Amount Added (µl)
LCS/MS TCV	5594-05-01-5	1600

Reagent	Lot# / ID
H_2O	Organic free
He	UN 1046
TCAL DGAS STD	5594-05-01-1 (SCIENTIFIC)
TCAL DGAS STD	5594-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.25 mL TCAL standard + 3.75 mL He
2) 0.4 mL + 3.6 mL
3) 1.0 mL + 3.0 mL
4) 1.6 mL + 2.4 mL
5) 3.0 mL + 1.0 mL
6) 4.0 mL + 0.0 mL

Prepared By: SD

Standard Added By: SD

EMAX Laboratories, Inc

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): Book # EDG-022

Start Date: 9/27/10 Time: 12:30 End Date: 9/27/10 Time: 13:40

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGE 019 WB	39	4	NA	
02	WL				
03	WC				
04	DGE 020 WB				
05	WL				
06	WC				
07	102746-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	-06				not evaluated
13	-07				
14	-08				
15	-09				
16	-10				
17	-024				
18	-025				
19					
20					
21					
22				SD 9/27/10	
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	555A-05-01-J	1600
DCC	555A-05-01-1	1600

Reagent	Lot# / ID
H_2O	Organic free
HC	Air liquided Alphagaz

SDG #	Extract Location

Comments

Samples 07, 08, 09, 10 reactive to vigent 9/27/10.

Prepared By: SD

Standard Added By: SD

INSTRUMENTATION BATCH # DGE 019 / DGE 020

EXTRACTION

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-02

Start Date: 09/28/10 Time: 7:30 End Date: 09/28/10 Time: 8:00

PREPARATION BATCH # DGI 021

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGI021B	39	4	NA	
02	↓ C	↓	↓	↓	
03	C				
04	10I246-06			<2	
05	-07			<2	
06	08			<2	
07	-09			<2	
08	-10			<2	
09	10I264-02			<2	
10	-03			<2	
11	-05			<2	
12	-07			<2	
13	-08			<2	
14	-09			<2	
15	-10	↓	↓	<2	
16					
17					
18					
19					
20					
21			50 9/28/10		
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	CSSA-05-01-5	100
DCC	SSSA-05-01-1	100

Reagent	Lot# / ID
H_2O	ORGANIC FREE
He	Air Liquide / Alpingaz 1

SDG #	Extract Location

Comments: Thermometer: RSK175-01

Prepared By: SD / [illegible]

Standard Added By: SD

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I246

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of six (6) water samples were received on 09/16/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI094WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I246-02M/S were within project QC limits.
In addition, analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY ICP/OES TCP

Client: INSIGHT ECO, INC. SDG NO : 101246
Project: NAS SEN BEACH IR SITE 70. Instrument ID : 7-ICP

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data FN	Calibration Data FN	Prep Batch	Notes
MBLK1W	IP1094WB	1	NA	09/30/1022:13	09/28/1010:45	1D81031056	1D81031054	IP1094W	Method Blank
LCS1W	IP1094WL	1	NA	09/30/1022:16	09/28/1010:45	1D81031057	1D81031054	IP1094W	Lab Control Sample (LCS)
LCD1W	IP1094WC	1	NA	09/30/1022:23	09/28/1010:45	1D81031058	1D81031054	IP1094W	LCS Duplicate
MW-70-PMW09-A10AS	1246-02A	1	NA	09/30/1022:27	09/28/1010:45	1D81031059	1D81031054	IP1094W	Analytical Spike Sample
MW-70-PMW09-A10	1246-02	1	NA	09/30/1022:36	09/28/1010:45	1D81031060	1D81031054	IP1094W	Field Sample
MW-70-PMW09-A10DL	1246-02D	5	NA	09/30/1022:42	09/28/1010:45	1D81031061	1D81031054	IP1094W	Diluted Sample
MW-70-PMW09-A10MS	1246-02M	1	NA	09/30/1022:47	09/28/1010:45	1D81031062	1D81031054	IP1094W	Matrix Spike Sample (MS)
MW-70-PMW09-A10MSD	1246-02S	1	NA	09/30/1022:52	09/28/1010:45	1D81031063	1D81031054	IP1094W	MS Duplicate (MSD)
MW-70-PMW10-A10	1246-03	1	NA	09/30/1022:57	09/28/1010:45	1D81031064	1D81031054	IP1094W	Field Sample
MW-70-PMW10-A10-D	1246-04	1	NA	09/30/1023:02	09/28/1010:45	1D81031065	1D81031054	IP1094W	Field Sample
MW-70-PMW12A-A10	1246-05	1	NA	09/30/1023:24	09/28/1010:45	1D81031068	1D81031056	IP1094W	Field Sample
MW-70-PMW12B-A10-D	1246-06	1	NA	09/30/1023:29	09/28/1010:45	1D81031069	1D81031056	IP1094W	Field Sample
MW-70-PMW12B-A10	1246-07	1	NA	09/30/1023:35	09/28/1010:45	1D81031070	1D81031056	IP1094W	Field Sample

FN Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT EEC, INC.	Date Collected:	09/15/10 11:50
Project	NWS SEAL BEACH, IR SITE 70	Date Received:	09/16/10
SDG NO.	10T246	Date Extracted:	09/28/10 10:45
Sample ID:	MW-70-DYW09-A10	Date Analyzed:	09/30/10 22:36
Lab Samp ID:	1246-02	Dilution Factor:	1
Lab File ID:	1C81031060	Matrix :	WATER
Ext Batch ID:	1PIC94W	% Moisture :	NA
Calib. Ref.:	1C81031054	Instrument ID :	LMAX1108

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.433	0.200	0.0400
Manganese	0.1553	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT LEC, INC.	Date Collected:	09/15/10 12:36
Project	: NWS SCAL BLACH, JR SITE /D.	Date Received:	09/16/10
SDG NO.	: 101246	Date Extracted:	09/28/10 10:45
Sample ID:	MW-70-PMW10 A10	Date Analyzed:	09/30/10 22:57
Lab Samp ID:	1246-03	Dilution Factor:	1
Lab File ID:	I081031004	Matrix	: WATER
Ext Btch ID:	1PI094W	% Moisture	: NA
Calib. Ref.:	I081031054	Instrument ID	: EMAX'109

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.505	0.200	0.0400
Manganese	0.260	0.200	0.00350

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: CASIGNIT ENG. INC.	Date Collected	: 09/15/10 12:40
Project	: NAS SEAL BEACH IR SITE 70.	Date Received	: 09/16/10
SDG NO.	: 101240	Date Extracted	: 09/28/10 10:45
Sample ID	: MW 70-FMW10-A10 D	Date Analyzed	: 09/30/10 23:07
Lab Samp ID	: 1246-04	Dilution Factor	: 1
Lab File ID	: I081031065	Matrix	: WATER
Ext Batch ID	: I2I094W	% Moisture	: NA
Calib. Ref	: I081031054	Instrument ID	: IMAXI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	0.494	0.200	0.0400
Manganese	0.267	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT SEC INC	Date Collected:	09/16/10 09:35
Project	NWS SEAL BEACH, IR SITE 70.	Date Received:	09/16/10
SDG NO.	101246	Date Extracted	09/28/10 10:45
Sample ID:	MW-70-MW12A-A10	Date Analyzed:	09/30/10 23:24
Lab Samp ID:	1746 05	Dilution Factor:	1
Lab File ID:	10BI031068	Matrix	WATER
Ext Batch ID	IPI094W	% Moisture	NA
Calib. Ref	10BI031066	Instrument ID	EMAXFIDR

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	1.93	0.200	0.0400
Manganese	0.762	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT ETC, INC	Date Collected:	09/16/10 10:52
Project	: NWS SEAL BEACH, IR SITE 70	Date Received:	09/16/10
SDG NO	: 101246	Date Extracted:	09/28/10 10:45
Sample ID	MW-70-PMW12B-A10-D	Date Analyzed:	09/30/10 20:29
Lab Samp ID	1246-06	Dilution Factor	1
Lab File ID:	1081031069	Matrix	: WATER
Ext Blch ID:	1PI094W	% Moisture	: NA
Calib. Ref :	1081031066	Instrument ID	: EMAXIIDB

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	0.01810	0.200	0.00500
Iron	17.3	0.200	0.0400
Manganese	0.735	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: ENSIGN ECC. INC.	Date Collected	: 09/16/10 10:45
Project	: NWS SEAL BEACH, IR SITE 70	Date Received	: 09/16/10
SDG NO.	: 101246	Date Extracted	: 09/28/10 10:45
Sample ID	: MW-70-DMW126-A10	Date Analyzed	: 09/30/10 23:30
Lab Samp ID	: 1246-07	Dilution Factor	: 1
Lab File ID	: 1081031070	Matrix	: WATER
Ext Bch ID	: 1P1094W	% Moisture	: NA
Calib. Ref.	: 1081031066	Instrument ID	: EMAX1138

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	0.01820	0.200	0.00500
Iron	17.2	0.200	0.0400
Manganese	0.728	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT EEC, INC.	Date Collected:	NA
Project	NWS SEAL BEACH, IR SITE 70.	Date Received	09/25/10
SDG NO.	: 101246	Date Extracted:	09/28/10 10.46
Sample ID	MB_K1W	Date Analyzed.	09/30/10 22.13
Lab Samp ID	IPI094WB	Dilution Factor	1
Lab File ID	I08I031056	Matrix	. WATER
Ext. Batch ID:	IPI094W	% Moisture	: NA
Calib. Ref	I08I031054	Instrument ID	: FMAXTI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT FEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101246
METHOD: METHOD 3010A/6010B

MATRIX: WATER — % MOISTURE: NA
DILTN FACTOR: 1 1 1
SAMPLE ID: MBLKIW
CONTROL NO.: IP1094WB IP1094WC IP1094WC
LAB FILE ID: ID81031056 ID81031057 ID81031058
DATTIME EXTRCTD 09/28/1010:45 09/28/1010:45 09/28/1010:45 — DATE COLLECTED NA
DATTIME ANALYZD: 09/30/1022:13 09/30/1022:18 09/30/1022:23 — DATE RECEIVED: 09/28/10
PREP. BATCH: IPI094W IPI094W IPI094W
CALIB. REF: ID81031054 ID81031054 ID81031054

ACCESSION:

PARAMETER	BLNK RSLT mg/l	SPIKE AMT mg/l	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/l	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.548	110	.5	.510	103	6	80-120	20
Iron	ND	5	5.19	104	5	4.96	99	5	80-120	20
Manganese	ND	.5	.504	101	.5	.472	94	6	80-120	20

CMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT ERC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: I01246
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID MW-70-PMW09-A10
CONTROL NO : I246-02 I246-02M I246-02S
LAB FILE ID: I081031060 I081031062 I081031063
DATTIME EXTRACTD: 09/28/1010:45 09/28/1010:45 09/28/1010:45 DATE COLLECTED 09/15/10 11:00
DATTIME ANALYZD: 09/30/1022:36 09/30/1022:47 09/30/1022:52 DATE RECEIVED 09/16/10
PREP. BATCH: IPI094W IPI094W IPI094W
CALIB. REF I081031054 I081031054 I081031054

ACCESSION

PARAMETER	SMPL RSLT mg/L	SPIKE AMT mg/L	MS RSLT mg/L	MS % REC	SPIKE AMT mg/L	MSD RSLT mg/L	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.56	112	.5	.577	115	3	75-125	20
Iron	.433	5	5.48	101	5	5.53	104	3	75-125	20
Manganese	.155J	.5	.639	97	5	.656	100	3	75-125	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT LEC, INC
PROJECT: NWS SEA BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 2010A/60103

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID	MW-70 PMW09-A10	MW 70-PMW09 A100L		
EMAX SAMP ID:	1246-02	1246-02J		
LAB FILE ID	ID81031060	ID81031061		
DATE EXTRACTED:	09/28/1010:45	09/28/1010:45	DATE COLLECTED	09/15/10 11:50
DATE ANALYZED.	09/30/1022:38	09/30/1022:42	DATE RECEIVED.	09/16/10
PREP. BATCH:	IP1094W	IP1094W		
CALIB. REF:	ID81031054	ID81031054		

ACCESSION.

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	0.4230	0.4420	NA	10
Manganese	0.1551	0.1552	NA	10

LMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT LFC, INC
PROJECT: NWS SEAL BEACH IR SITE 70
SDG NO.: 101246
METHOD: METHOD 3010A/6010B

MATRIX: WATER % MOISTURE NA
DILN FACTR. 1 1
SAMPLE ID: MW-70 PMW09 A10
CONTROL NO.: 1246-02 1246-02A
LAB FILE ID: I081031060 I081031059
DATTIME EXTRCTD: 09/28/1010:45 09/28/1010:45 DATE COLLECTED: 09/15/10 11:50
DATTIME ANALYZD: 09/30/1022:35 09/30/1022:27 DATE RECEIVED: 09/16/10
PREP. BATCH: IPI094W IPI094W
CALIB REF: I081031054 I081031054

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LMIT (%)
Arsenic	ND	.5	.591	118	75-125
Iron	433	5	5.73	106	75-125
Manganese	1551	.5	661	101	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/30/10 17:08

End Date: 10/1/10 10:39

Book #: ADB-018

Instrument No.: D8

Analytical Batch: 1D8J031

Analytical Sequence: S_1016010(V44)

Method File: 1016010(V44)

Database: EMAX12

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

Torch cleaned and autoaligned.
IEC updated, see attached.
Update for As, Cd, Pb, Mo, K, Cu
MRL I1301 Zn Recovery 123%
ICSA1, per DOD 4.1, SE7LOD.
~~SP50900~~ TH 10/1/10
IPI093WL TA1
I194-01A/D TA1 Recovery
CCV5 TA1 1mg
CCV6 1mg
CCV7 TA1 1mg
CCV8 1mg
CCV9 1mg
CCV10 1mg
TH 9/1/10 ~~CCV11 CCV12 - CCV16 TBa~~
TH 9/1/10 ~~IP1044~~ IP1094WB Cr7MRL
I270-03, 04, 05, 08 Na7LDR
CCV11 TZn
CCV12 - CCV16 TBa TZn

	STANDARDS ID		STANDARDS ID
S0	SM1B14-0501	S30	SM1B14-02-03
S1	MA	S31	↓ -02-04
S2	↓	ICV	SM1B12 9402
S3	↓	CCV	SM1B14-05-02
S4	↓	ICSA	↓ 07-01
S5	↓	ICSAB	↓ 03-03
S6	↓	CRI/MRL	MA
S7	↓	LLCV	↓
S8	↓	MLCV	↓
S9	↓	MRL1	SM1B12-8501
S10	↓	MRL2	↓ 8401
S11	↓		
S12	↓		
S16	↓		
S17	↓		
S18	↓		
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	↓ -01-02		
S23	↓ 01-03		
S24	↓ 01-04		
S25	↓ 01-05		
S26	SM1B12-100-02		
S27	↓ 100-03		
S28	SM1B14-02-01		
S29	↓ 0202		

Analyzed By: TH

Date: 9/30/10

SEQUENCE FILE : 1361031

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
1081031001	Blank	17:08	09/30/10	1.000
1081031002	S20	17:13	09/30/10	1.000
1081031003	S21	17:18	09/30/10	1.000
1081031004	S22	17:23	09/30/10	1.000
1081031005	S23	17:28	09/30/10	1.000
1081031006	S24	17:34	09/30/10	1.000
1081031007	S25	17:39	09/30/10	1.000
1081031008	S26	17:44	09/30/10	1.000
1081031009	S27	17:49	09/30/10	1.000
1081031010	S28	17:54	09/30/10	1.000
1081031011	S29	17:59	09/30/10	1.000
1081031012	S30	18:04	09/30/10	1.000
1081031013	S31	18:09	09/30/10	1.000
1081031014	ICV	18:14	09/30/10	1.000
1081031015	ICB	18:19	09/30/10	1.000
1081031016	MRL13101	18:25	09/30/10	1.000
1081031017	MRL10132	18:30	09/30/10	1.000
1081031018	ZZZZ	18:35	09/30/10	1.000
1081031019	10SA1	18:42	09/30/10	1.000
1081031020	10SA8	18:47	09/30/10	1.000
1081031021	CCV1	18:56	09/30/10	1.000
1081031022	CCB1	19:01	09/30/10	1.000
1081031023	1176-021	19:06	09/30/10	5.000
1081031024	1176-041	19:12	09/30/10	5.000
1081031025	1176-061	19:17	09/30/10	5.000
1081031026	1176-08W	19:22	09/30/10	1.000
1081031027	1176-101	19:27	09/30/10	5.000
1081031028	1176-12I	19:32	09/30/10	5.000
1081031029	1176-14W	19:37	09/30/10	1.000
1081031030	1176-16I	19:43	09/30/10	5.000
1081031031	1176-18I	19:46	09/30/10	5.000
1081031032	CCV2	19:57	09/30/10	1.000
1081031033	CCB2	20:02	09/30/10	1.000
1081031034	1912SWE	20:07	09/30/10	1.000
1081031035	1912SWL	20:12	09/30/10	1.000
1081031036	1909SWO	20:17	09/30/10	1.000
1081031037	1194-01A	20:22	09/30/10	1.000
1081031038	1194-01	20:27	09/30/10	1.000
1081031039	1194-010	20:32	09/30/10	5.000
1081031040	1194-02	20:37	09/30/10	1.000
1081031041	1194-03	20:42	09/30/10	1.000
1081031042	1194-04	20:48	09/30/10	1.000
1081031043	1194-011	20:54	09/30/10	5.000
1081031044	CCV3	21:02	09/30/10	1.000
1081031045	CCB3	21:07	09/30/10	1.000
1081031046	1284-02T	21:12	09/30/10	5.000
1081031047	1284-04T	21:18	09/30/10	5.000
1081031048	1284-05T	21:23	09/30/10	5.000
1081031049	1284-07T	21:29	09/30/10	5.000
1081031050	1284-03	21:33	09/30/10	1.000
1081031051	1284-04	21:39	09/30/10	1.000
1081031052	1284-05	21:44	09/30/10	1.000
1081031053	1284-07	21:49	09/30/10	1.000
1081031054	CCV4	22:01	09/30/10	1.000

1081031055	1084	22:09	09/30/10	1.000
1081031056	TP1094WB	22:13	09/30/10	1.000
1081031057	TP1094WL	22:18	09/30/10	1.000
1081031058	TP1094WC	22:23	09/30/10	1.000
1081031059	1246-02A	22:27	09/30/10	1.000
1081031060	1246-02	22:35	09/30/10	1.000
1081031061	1246-02A	22:42	09/30/10	5.000
1081031062	1246-02M	22:47	09/30/10	1.000
1081031063	1246-02S	22:52	09/30/10	1.000
1081031064	1246-03	22:57	09/30/10	1.000
1081031065	1246-04	23:02	09/30/10	1.000
1081031066	1085	23:12	09/30/10	1.000
1081031067	1085	23:19	09/30/10	1.000
1081031068	1246-05	23:24	09/30/10	1.000
1081031069	1246-06	23:29	09/30/10	1.000
1081031070	1246-07	23:35	09/30/10	1.000
1081031071	1230-01	23:40	09/30/10	1.000
1081031072	1230-02	23:45	09/30/10	1.000
1081031073	1230-03	23:50	09/30/10	1.000
1081031074	1230-04	23:55	09/30/10	1.000
1081031075	1230-05	00:00	10/01/10	1.000
1081031076	1086	00:09	10/01/10	1.000
1081031077	1086	00:16	10/01/10	1.000
1081031078	1230-01	00:21	10/01/10	1.000
1081031079	1230-02	00:26	10/01/10	1.000
1081031080	1230-03	00:31	10/01/10	1.000
1081031081	1230-04	00:36	10/01/10	1.000
1081031082	1230-05	00:41	10/01/10	1.000
1081031083	1038-01	00:47	10/01/10	1.000
1081031084	1166-02	00:52	10/01/10	1.000
1081031085	1509-01A	00:57	10/01/10	10.00
1081031086	1509-01	01:02	10/01/10	10.00
1081031087	1509-01	01:07	10/01/10	50.00
1081031088	1087	01:16	10/01/10	1.000
1081031089	1087	01:23	10/01/10	1.000
1081031090	TP1097WB	01:28	10/01/10	1.000
1081031091	TP1097WL	01:33	10/01/10	1.000
1081031092	TP1097WC	01:38	10/01/10	1.000
1081031093	1245-05A	01:43	10/01/10	1.000
1081031094	1245-05	01:52	10/01/10	1.000
1081031095	1245-05A	01:57	10/01/10	5.000
1081031096	1245-05M	02:02	10/01/10	1.000
1081031097	1245-05S	02:07	10/01/10	1.000
1081031098	1245-01	02:17	10/01/10	1.000
1081031099	1245-02	02:18	10/01/10	1.000
1081031100	1088	02:27	10/01/10	1.000
1081031101	1088	02:34	10/01/10	1.000
1081031102	1245-03	02:39	10/01/10	1.000
1081031103	1245-04	02:44	10/01/10	1.000
1081031104	1270-02	02:49	10/01/10	1.000
1081031105	1270-03	02:54	10/01/10	1.000
1081031106	1270-04	03:00	10/01/10	1.000
1081031107	1270-05	03:05	10/01/10	1.000
1081031108	1270-07	03:10	10/01/10	1.000
1081031109	1270-08	03:16	10/01/10	1.000
1081031110	1089	03:25	10/01/10	1.000
1081031111	1089	03:32	10/01/10	1.000

[illegible]	1255-01	03:37	10/01/10	1.000
[illegible]	1255-01H	03:42	10/01/10	1.000
[illegible]	1255-01S	03:48	10/01/10	1.000
[illegible]	1255-02	03:52	10/01/10	1.000
[illegible]	1255-01	03:58	10/01/10	1.000
[illegible]	1255-01H	04:03	10/01/10	1.000
[illegible]	1255-01S	04:08	10/01/10	1.000
[illegible]	1255-02	04:13	10/01/10	1.000
[illegible]	CC910	04:27	10/01/10	1.000
[illegible]	CC812	04:29	10/01/10	1.000
[illegible]	1305-02	04:34	10/01/10	1.000
[illegible]	1305-02H	04:40	10/01/10	1.000
[illegible]	1305-02S	04:45	10/01/10	1.000
[illegible]	1304-02T	04:51	10/01/10	5.000
[illegible]	1304-04T	04:56	10/01/10	5.000
[illegible]	1304-03	05:01	10/01/10	1.000
[illegible]	1304-04	05:07	10/01/10	1.000
[illegible]	CC562	05:16	10/01/10	1.000
[illegible]	CC562	05:21	10/01/10	1.000
[illegible]	CC911	05:20	10/01/10	1.000
[illegible]	CC811	05:37	10/01/10	1.000
[illegible]	IP1098WD	05:42	10/01/10	1.000
[illegible]	IP1098WL	05:47	10/01/10	1.000
[illegible]	IP1098WY	05:52	10/01/10	1.000
[illegible]	1487-12A	05:57	10/01/10	1.000
[illegible]	1487-12W	06:06	10/01/10	1.000
[illegible]	1487-13J	06:11	10/01/10	5.000
[illegible]	1487-01A	06:15	10/01/10	1.000
[illegible]	1487-01W	06:25	10/01/10	1.000
[illegible]	1487-07J	06:31	10/01/10	1.000
[illegible]	CC912	06:40	10/01/10	1.000
[illegible]	CC812	06:47	10/01/10	1.000
[illegible]	1487-05T	06:52	10/01/10	5.000
[illegible]	1487-07T	06:57	10/01/10	5.000
[illegible]	1487-03T	07:03	10/01/10	5.000
[illegible]	1487-04T	07:12	10/01/10	10.00
[illegible]	1144-05T	07:17	10/01/10	10.00
[illegible]	1144-10T	07:22	10/01/10	5.000
[illegible]	1144-01T	07:27	10/01/10	5.000
[illegible]	CC912	07:36	10/01/10	1.000
[illegible]	CC813	07:41	10/01/10	1.000
[illegible]	IP1095WB	07:46	10/01/10	1.000
[illegible]	IP1095WL	07:52	10/01/10	1.000
[illegible]	IP1095WC	07:56	10/01/10	1.000
[illegible]	TC1098B	08:01	10/01/10	1.000
[illegible]	1785-01A	08:06	10/01/10	1.000
[illegible]	1785-01	08:12	10/01/10	1.000
[illegible]	1785-01J	08:17	10/01/10	5.000
[illegible]	1785-01W	08:22	10/01/10	1.000
[illegible]	1785-01S	08:27	10/01/10	1.000
[illegible]	1518-02	08:32	10/01/10	1.000
[illegible]	CC914	08:41	10/01/10	1.000
[illegible]	CC814	08:46	10/01/10	1.000
[illegible]	4209-02	08:51	10/01/10	1.000
[illegible]	1785-01A	08:56	10/01/10	5.000
[illegible]	1785-01T	09:01	10/01/10	5.000

ID81031168	L795-011	09:37	10/01/10	75.00
ID81031170	ICSA3	09:16	10/01/10	1.000
ID81031171	ICSA83	09:21	10/01/10	1.000
ID81031172	CC715	09:30	10/01/10	1.000
ID81031173	CC315	09:35	10/01/10	1.000
ID81031174	IP109233	09:40	10/01/10	1.000
ID81031175	IP109251	09:45	10/01/10	1.000
ID81031176	IP109250	09:50	10/01/10	1.000
ID81031177	E222-05A	09:55	10/01/10	1.000
ID81031178	E222-05	10:00	10/01/10	1.000
ID81031179	E222-051	10:05	10/01/10	5.000
ID81031180	E222-054	10:10	10/01/10	1.000
ID81031181	E222-055	10:15	10/01/10	1.000
ID81031182	E384-01	10:20	10/01/10	1.000
ID81031183	E384-02	10:25	10/01/10	1.000
ID81031184	CC715	10:34	10/01/10	1.000
ID81031185	CC315	10:35	10/01/10	1.000

VERSION 16A UNIT : 3 SUMMARY of ICV and CCV : 3081031 DATE : 09/10/10 INST : LMAX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	---	---	--	-	---	---		-	---	---	-	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---	--	---
S20	---	---	---	---	---	---	---	---	-- -	---	---	---	---	---	-- -	- --	---	- -	---	---	---	-- -	- --	---	---	-- -	---	---
S21	---	---	---	---	---	---	---	---	---	---	---	---	- --	---	---	---	---	- -	---	---	---	---	---	---	---	---	---	---
S22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-- -	---	---	- -	---	---	---	---
S23	---	---	---	---	-	---	---	---	-	---	---	---	- --	---	---	--	-- -	---	---	---	---	---	---	---	---	---	---	---
S24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S25	--	---	-	- --	---		---	---	---		---	--	---	-	---	---	---	--	--	---	---	---	---	---	---	---	---	---
S26	---	---	---	--	---	---		--	---	-- -	-	---	---	---	--	---	---	---	---	---	---	- --	---	---	-	---	- -	
S27	---	--	--	---	---	-	---	--	---	--	---	---	---	--	--	---	---	---	---	---	---	---	-	---	- -	- -	---	
S28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	- -	--	---	---	---	---	---	---	---	---	---
S29	---	---	---	--	---	---	---	-	---	---	---	-	---	---	- -	---	---	---	---	---	---	---	---	-	---	---	---	---
S30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	- -	---	---	---	---	---	---	---	---	---
S31	---	- --	--	---	-	--	---	---	---		---	---	---	-	--	---	---	---	---	- -	---	---	---	--	---	---	---	---
ICV	106	101	101	102	102	99	105	102	100	95	100	96	97	104	94	96	101	102	100	102	99	104	97	96	103	105	99	107
ICB	---	---	---	---	--	---	---	-- --	-	---	---	---	---	---	-	---	---	---	---	---	---	---	--	- --	---	---	---	---
PRL131C1	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	- -	---	--	--
PRL131C2	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---	---	---	---
ZZZZ	- -	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	- -	---	---	---	---	---	---	- -	---	--	---	---
1094L	97	---	---	---	---	---	--	95	---	-	--	92	---	---	94	-- -	--	---	---	---	---	- --	---	--	---	--	---	---
1094L	95	103	105	106	95	95	103	95	94	93	103	92	96	109	94	92	103	96	106	104	107	111	97	88	96	95	97	104
ICV1	108	101	102	102	102	100	105	103	102	94	100	96	96	104	94	97	103	102	101	103	99	104	98	96	101	99	99	107
ICB1	---	---	---	---	---	---	---	---	---	--	---	-	-	---	---	---	---	---	- -	---	---	---	---	---	---	---	---	---
1176-321	---	---	---	---	---	---	-	---		--	---	---	---	---	- -	---	---	---	---	---	-	---	---	---	---	---	---	---
1176-341	---	--	---	- --	---	---	---	---	---	---	---	---	---	---	---	- --	- -	---	---	---	--	---	---	---	---	---	---	---
1176-361	---	--	---	-	---	---	---	---	---	---	---	---	---	---	---	-	---	---	---	---	---	---	---	---	---	--	-- -	---
1176-3BW	--	--	---	---	---	---	---	---	---	---	---	---	---	---	---	-- -	---	---	---	---	---	- --	--	---	--	---	- --	---
1176-101	---	---	---	---	-	--	---	--	---	--	---	-	-	---	---	---	---	---	--	---	---	---	- -	---	---	---	---	---
1176-121	---	---	---	---	---	---	-	---	-	-	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---	---	---
1176-141	--	--	---	---	---	---	---	---	---	---	-- --	---	---	-	---	---	---	---	---	--	--	---	---	---	---	---	---	---
1176-161	---	--	-	--	---	--	---	--	---	---	--	---	---	---	---	---	---	---	---	---	---	---	---	---		---	--	---
1176-181	- --	---	--	---	-	-	---	-	---	--	---	-	-	---	---	---	---	-	-	---	---	---	-- -	---	-	---	--	--
CCV2	110	101	102	104	101	100	106	102	101	96	102	96	97	107	91	96	102	102	102	103	101	106	99	97	103	99	99	105
CCB2	--	--	---	---	---	---	---	---	---	---	---	---	---	---	---		---	---	---	-- -	---	--	---	-	---	---	---	---
1194-01	--	---	-	- --	---	- --	---	---	---	---	---	---	---	---	---	---	-	---	---	---	---	---	-	---	--	---	---	---
1194-03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	---	---	- -	---	---	---	---	---	---	---	---
1194-05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1194-07	---	---	---	---	---	---	---	---	-	---	--		---	--	---	---	---	--	-	---	---	---	---	---	---	--	---	--
1194-09	---	---		-	---	--	---	---	---	---	---	---	---	---	---	- -	---	---	---	---	--	---	- --	---	---	---	--	--
1194-01	---	---	--	-- -	---	---	--	---	---	--	---	- -	- --	---	- -	-- -	---	---	---	---	--	---	---	---	---	---	- --	--
CCV2	109	101	102	103	101	100	105	100	99	96	103	95	97	107	93	95	103	103	102	103	100	106	99	98	102	99	96	105
CCB3	---	---	---	--	---	-	---	---	---	---	---	---	---	---	---	---	--	---	---	--	---	- -	---	---	---	---	-	--
1284-03T	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	-- -	---	---	---	---
1284-04T	---	- --	---	---	--	---	---	---	---	--	--	---	- --	---	---	---	-	---	---	---	---	---	--	---	---	---	---	---
1284-05T	--	-	---	---	---	---	---	---	---	---	---	---	---	- -	--	---	---	---	-	---	---	---	---	---	-	---	---	---
1244-1-T	-- -	---	-- -	---	- --	---	---	---	---	---	--	--	---	---	---	- --	---	---	- -	---	--	---	---	---	-- -	---	--	---
1284-03	---	---	--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---
1284-04	--	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	-	---	---	---	---	---	--	---	---	---
1285-05	--	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	--	---	---	---	---	---	- -	---	---	---
1284-07	---	---	---	---	---	---	-	---	- -	---	---	--	---	---	---	---	---	---	---	---	-	---	---	---	---	---	--	---
1294	110	103	104	105	103	101	104	101	102	95	104	96	96	109	98	95	102	107	104	105	102	108	103	97	102	96	103	106

[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1255-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-02M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-03	104	100	103	106	99	100	105	101	101	94	100	96	95	108	89*	93	101	102	106	104	99	109	99	96	99	97	99	107
1255-03M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-03S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-04M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-04S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1255-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCA10	104	100	103	106	99	100	105	101	101	94	100	96	95	108	89*	93	101	102	106	104	99	109	99	96	99	97	99	107
CCB10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1305-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1305-02M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1305-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1304-03T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1304-04T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1304-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1304-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1C5A2	93	----	----	----	----	----	----	92	----	----	----	90	----	----	86	----	----	----	----	----	----	----	----	----	----	----	----	----
1C5AB2	94	103	105	111	92	97	105	92	93	91	102	90	91	114	95	86	103	99	112	105	104	115	99	91	95	95	95	105
CCA11	103	102	108	113	99	102	100	102	105	97	103	95	96	111*	89*	95	105	105	111*	103	102	110*	103	99	101	99	102	111*
CCB11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096W1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096W5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096W7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-13A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-13B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-13C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-07A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-07M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-07S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCA12	103	103	109	111*	98	109	108	103	105	97	103	99	99	112*	89*	95	105	105	112*	109	104	114*	104	100	101	99	103	111*
CCB12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-05T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-07T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-22T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-13T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-34T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1444-16T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1444-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1444-[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCA13	101	102	107	111*	99	102	108	103	104	95	102	98	96	112*	89*	95	105	105	111*	107	101	113*	103	99	101	99	101	111*
CCB13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096AB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096W1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1P1096W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7CC0C8B	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1619-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCA14	103	102	109	112*	98	103	107	103	105	96	103	93	98	114*	89*	95	105	104	113*	109	104	115*	104	100	100	98	102	111*
CCB14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4209-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1785-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1785-01	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	---	----	--	----	----	----
1CSA3	94	----	----	---	---	---	---	94	---	---	--	91	--	----	88	----	----	----	----	---	---	----	----	----	----	----	----	----
1CSA33	93	99	107	114	99	103	104	92	93	91	103	92	91	115	87	88	103	98	115	105	105	117	102	91	94	94	95	104
CCV15	103	102	109	112*	98	103	107	103	106	96	102	99	98	113*	89*	94	105	104	112*	109	104	114*	104	103	100	98	103	110
CCB15	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	---	--	----	---	----	---	---	----	----	----	----	----
IPIC9285	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	---	----	---	----	---
IPIC9281	---	---	---	---	---	----	---	----	----	---	----	----	----	----	----	----	----	----	----	---	---	----	----	----	----	----	---	----
IPIC9282	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	--	----	---	----
1222-054	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	--	--	---	---
1222-05	----	---	---	---	---	---	----		---	---	---	---	----	----	----	----	---	---	---	----	----	----	----	----	---	----	--	---
1222-05I	----	----	----	---	---	---	---	----	--	----	--	---	---	--	--	----	----	----	----	--	--	---	--	----	----	----	----	----
1222-05M	----	----	----	----	----	----	----	---	----	----	----	----	---	---	---	---	----	----	----	----	---	---	--	----	----	----	----	----
1222-05S	----	----	---	----	--	----	---	----	---	--	---	--	---	----	----	----	----	----	---	---	----	----	----	----	----	----	---	----
1384-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	---	----	----	----	----	----	----
1384-02	----	----	----	----	----	---	----	----	----	----	----	---	--	--	----	----	----	----	----	---	--	---	----	----	----	----	---	---
CCV16	104	102	108	111*	98	102	107	103	106	96	102	99	98	113*	93	94	105	104	112*	107	103	114*	103	99	101	99	103	110
CCB16	---	---	----	----	---	---	---	---	----	--	----	----	----	---	---	----	----	---	----	---	---	----	----	----	----	----	----	----

QC limit of each parameter are listed in a table attached next to all the IOP check forms
* : Out of QC limit

VERSION 10A UNIT : UG/L SUMMARY of CALIBRATION BLANKS : 0061031 (WATER) DATE : 09/30/10 INST : ICAP

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	--	---	---	----	----
S03	----	---	---	----		----	-	-	----	--	---	--	---	----	---	----	----	----	---	---	----	----	----	---	----	--	----	--
S01	----	----	----	----	----	----	-	----	----	--	---	---	----	--	---	----	----	---	----	----	--	----	----	----	----	----	----	--
S22	---	---	---	---	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	-	----	--	----	----	----	----
S23	---	---	-	----	---	----	---	----	----	----	----	----	----	----	----	----	--	---	---	----	----	----	----	----	---	----	---	----
S24	--	---	--	----	--	----	---	----	----	---	----	----	---	----	----	----	---	----	---	----	----	----	----	----	---	----	---	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	----	----	----	----	----	----	---	----
S26	--	-	---	---	---	----	----	----	----	----	----	----	----	----	---	---	----	---	---	----	----	----	---	----	----	----	---	----
S27	---	---	----	---	----	----	----	----	----	----	----	----	---	----	----	---	---	----	----	----	----	--	----	--	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	---	----	----	---	--	---	----	----	----	---	----	----	----	----	----	----	----	---	----
S29	----	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	-	----	---	----	--	----	----	----	----	---	----	----	----	---	---	----	----	----	----
S31	----	---	----	-	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	---
3CV	----	----	---	----	---	----	---	--	----	--	---	--	---	----	---	----	----	--	---	----	----	----	---	-	---	----	----	---
3CB	4.53	12.0	-.130	-.140	-.030	1.66	.900	42.7	.110	.060	.210	2.62	.130	.230	-.020	.070	1.34	.300	20.4	.100	-.020	21.6	-.020	.930	.190	.130	.340	1.94
MRL(3ICV)	--	---	---	---	---	---	----	----	----	----	----	----	----	---	---	----	----	----	---	---	----	----	----	----	----	----	---	--
MRL(3CB)	----	----	----	----	----	----	----	----	----	----	-	----	---	----	----	----	---	-	-	--	--	---	----	----	----	----	----	----
ZZZ7	----	----	----	--	--	-	-	----	----	----	----	----	----	----	----	--	----	----	----	---	--	----	----	----	----	--	----	--
ICSA1	--	2.41	1.29	.032	-.130	-4.61	.540	----	-.540	-1.25	1.95	----	.370	-7.67	----	7.13	1.50	.240	.330	5.20	.060	67.8	.540	-1.58	1.54	1.36	-.460	1.95
ICSAB1	--	---	---	----	---	----	----	----	-	--	--	-	-	----	---	----	----	--	-	----	--	----	--	---	---	-	----	---
CCV1	----	---	--	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----	-	----	----	----	----	--	----	----	----	----
CCB1	.550	9.37	-.250	-.060	-.040	1.36	-.370	64.0	.100	.320	.290	1.70	.210	-.250	2.21	.080	1.26	.020	27.7	-.440	.060	24.2	.040	.800	.260	.360	.340	2.75
0176-02T	----	----	----	----	----	----	--	----	--	----	--	----	---	----	----	----	---	--	----	----	----	----	----	----	----	----	----	----
0176-04T	---	--	--	---	----	----	----	----	----	----	----	----	----	--	--	----	---	--	----	----	----	---	---	----	----	----	----	----
0176-06T	----	----	---	----	--	----	---	----	----	--	----	----	----	---	---	---	----	----	---	-	---	---	----	----	----	--	-	--
0176-08W	----	--	----	---	----	--	----	---	----	----	---	----	----	----	-	---	----	---	---	---	---	---	----	---	--	--	---	--
0176-10T	----	----	----	----	----	----	-	----	--	----	-	--	--	----	----	----	---	-	----	--	---	---	----	----	----	----	----	---
0176-12T	-	---	--	----	----	----	----	----	----	---	----	---	----	-	----	----	---	----	-	----	----	----	----	---	----	----	----	----
0176-14W	----	----	----	---	----	----	----		--	--	----	----	----	----	---	--	----	----	----	---	---	----	----	----	---	--	---	-
0176-16T	--	----	---	----	----	----	----	----	----	--	--	-	----	---	----	----	--	--	---	----	----	---	---	--	---	----	---	----
0176-18T	--	----	---	----	----	----	----	---	----	--	----	-	----	---	---	----	-	--	---	----	----	---	---	-	-	----	----	----
0176	----	--	----	---	----	----	----	----	----	----	----	----	--	--	----	----	----	---	---	----	---	----	----	----	----	--	---	----
0182	7.93	6.55	-.410	-.170	-.110	1.26	.230	43.2	.190	.120	.420	3.70	.290	.200	7.29	.190	1.44	.210	59.7	.370	-.080	59.3	.210	.310	-.120	.790	.080	1.57
0209BW	--	--		----	---	----	----		---	-	----	-	----	----	----	----	-	----	----	----	----	-	----	---	----	----	----	----
0209BW	----	--	----	-	----	-	----	----	----	----	----	----	----	----	-	--	----	----	----	----	---	----	----	----	----	-	----	-
0209BW	----	----	----	----	-	----		---		----	----	----	----	----	----	----	----	----	----	-	--	----	----	----	----	---	-	--
0194-01	---	-	---	-	----	--	----	--	----	-	--	----	-	--	---	--	---	---		---	----		----	----	----	---	----	--
0194-01	--	---	--	---	----	----	----	----	---	----	----	----	--	-	-	---	----	---	---	---	----	----	--	---	-	--	----	--
0194-03	---	----	----	----	----	----	----	-	----	--	----	-	----	----	----	--	----	----	----	--	----	----	----	--	---	--	---	----
0194-03	----	---	----	----	----	----	----	----	----	---	-	----	--	----	----	----	---	--	---	----	----	----	--	--	----	--	--	-
0194-03	-	--	-	---	----	----	----	----	----	----	----	----	---	---	--	----	---	---	---	----	----	----	--	---	---	--	----	----
0194-04	----	----	----	---	---	----	--	---	-	----	----	----	----	---	----	---	---	----	----	----	----	----	---	----	--	---	----	----
0177-01T	--	---	---	---	----	---	-	---	--	---	----	----	----	----	---	---	---	----	----	---	--	----	----	----	--	--	---	---
3CB	----	----	---	---	----	----	----	----	----	----	----	----	----	---	--	----	----	---	---	----	----	----	-	-	--	----	----	----
0163	1.10	7.22	.010	-.030	-.060	1.57	-.090	36.7	.160	-.010	.490	2.43	-.120	.050	-2.85	.130	1.30	.010	69.6	.170	-.060	123	.010	.760	.270	.530	.010	1.43
1284-03T	----	--	----	----	----	----	----	----	----	--	---	-	--	----	----	----	-	----	----	---	----	--	----	----	----	----	--	----
1284-04T	----	----	----	--	---		----	----	----	---	-	---	--	----	----	----	-	---	---	---	----	-	----	----	----	----	-	---
1284-05T	----	----	--	----	--	--	--	----	----	----	----	----	----	----	--	-	----	----	--	----	----	----	----	--	--	----	----	----
1284-06T	--	---	---	--	----	---	---	----	---	----	----	----	--	--	---	---	---	---	--	----	----	--	----	-	---	----	----	----
1284-03	----	----	----	-	----	-	----	----	----	----	----	----	----	----	-	---	--	---	---	----	----	---	----	----	----	----	--	---
1284-04	----	----	----	--	----	---	----	----	----	----	----	----	---	--	---	----	---	----	---	----	----	----	--	--	-	----	--	--
1284-05	----	----	----	-	----	-	----	----	----	----	----	----	----	--	---	----	---	----	---	----	----	----	-	----	---	----	----	---
1284-07	---	----	----	----	----	----	---	--	---	--	----	----	----	----	----	---	---	---	----	----	----	---	-	----	----	----	----	--
0042	-	----	---	----	----	----	---	---	-	----	---	----	---	----	----	----	----	----	----	--	----	----	---	----	---	---	----	---

CC54	-1.78	3.48	.170	-.123	-.053	.950	-.210	37.5	3.89	.070	.430	.920	-.090	-.160	-4.22	.090	.530	.010	.141	.030	-.036	.253	-.040	.420	.390	.290	-.050	1.27
[illegible]	----	---	----	--	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	---	-	----	----	----	----	----
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[illegible]	----	---	----	---	----	----	----	----	----	----	----	----	----	----	----	--	---	- --	----	----	----	--	----	--	----	- -	----	----
1246-02A	----	----	----	----	- --	----	----	- -	----	--		----	- -	--	- --	----	----	---	----	----	----	----	----	----	--	----	--
1246-02	----	----	----	----	----	----	----	---	---	---	----	----	---	--	---	----	----	----	----	- -	----	----	----	---	----	--	----	- --
1246-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	----	---	--	---	----	----	----	----	----
1246-08M	----	----	- -	--	--	----		---	----	- -	----	----	-- -	----	----	----	----	----	--	----	----	----	---	----	- --	- --	----	----
1246-08S	----	----	----	----	--	-	----	--	-	----	-	--	----	----	----	----	----	---	-- -	----	----	----	----	----	----	----	---	--
1246-03	----	-	----	----	----	----	----	----	----	---	----	----	--	---	--	----	----	----	----	---	----	----	----	----	----	----	----	----
1246-04	----	----	- -	---	---	----	- -	--	----	-	----	----	-- -	- --	----	----	---	----	---	----	----	----	----	---	- -	----	---	----
CC65	----	----	----	--	----	-		----	---	----	----	---	----	----	----	----	----	--	---	----	----	----	----	----	----	--	----	--
CC66	-.860	6.65	-1.57	-.160	-.040	.860	-.260	35.4	.560	.080	.390	1.11	-.200	.230	2.07	.120	.710	-.060	72.1	-.130	-.150	.128	.030	.490	.060	.330	.020	1.41
1246-05	----	----	----	----	--	----	----	---	----	--	--	---	---	----	----	----	----	----	- --	--	----	----	----	----	----	----	- -	---
1246-06	----	----	----	--	----	- --	--	----	---	----	----	- -	----	----	----	----	----	- -	----	----	- --	---	- -	----	----	----	----	----
1246-07	----	----	----	----	----	----	----	-- -	----	----	-	----	--	---	--	----	----	----	---	--	----	----	----	----	----	----	----	--
1230-01	---	---	---	- --	----	----	----	-- -	--	----	-	-- -	----	--	---	----	-- -	----	---	----	--	----	---	----	----	----	--	----
1230-02	----	----	--	--	-- -	----	--	----	----	----	----	----	----	----	----	-- -	---	----	----	----	----	- -	---	----	----	----	---	--
1230-03	----	----	----	----	----	-	----	-	--	----	---	---	---	----	----	----	---	----	----	----	----	-- -	---	--	----	--	----	----
1230-04	----	----	-	--	----	----	---	----	----	----	----	----	----	----	----	--	----	----	-- -	----	----	----	----	----	---	----	---	---
1230-05	----	----	----	----	----	---	----	- -	-	----	---	--	--	----	----	----	---	--	----	----	----	----	----	---	----	- --	----	----
CC96	----	----	---	- -	----	----	----	----	----	---	---	---	----	--	----	-- -	----	---	---	----	----	----	----	---	- --	---	----	----
CC66	-.220	4.52	-1.15	.210	-.240	.780	-.070	34.6	.370	.050	.480	12.2	.950	.270	6.57	.390	.640	-.320	61.3	-.660	-.010	.140	-.010	.420	.070	.120	-.030	1.44
1230-01	----	----	----	--	----	--	---	----	----	----	----	----	----	----	----	---	---	----	----	----	---	- --	----	----	----	----	----	----
1230-02	- --	-- -	----	----	----	----	----	----	----	---	---	--	----	----	----	----	----	----	----	----	- --	- --	----	----	----	----	----	----
1230-03	--	---	----	----	----	----	----	----	----	----	----	----	---	--	----	----	----	----	---	----	----	----	----	----	---	-	----	----
1230-04	----	----	----	----	----	---	----	- -	--	--	---	----	-- -	----	---	---	----	----	----	-- -	---	----	----	----	----	---	--	-
1230-05	- -	--	----	----	----	----	----	----	----	---	----	---	----	-	----	-- -	----	---	---	----	----	----	----	----	--	--	----	----
1338-01	--	---	----	----	---	----	----	--	----	---	-	----	--	----	----	-- -	----	-	----	- --	----	----	----	---	-	- --	- -	----
1168-02	----	----	----	-	----	---	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	----	----	-- -	---	-- -	----	----
1509-01A	----	----	----	----	---	---	---	----	-	--	----	----	----	----	----	-- -	- -	----	----	----	- --	---	----	----	----	----	----	----
1509-01L	----	----	- -	----	- --	----	----	-- -	----	----	---	- -	-- -	----	----	----	----	- --	----	----	----	---	----	---	----	----	----	----
1509-01C	----	----	--	-	--	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	----	----	-	-	- --	----	----
2047	----	-- -	--		--	----	----	----	----	----	----	----	-- -	----	--	---	----	----	----	-	---	----	----	- --	---	---		--
CC67	.770	4.30	.230	-.190	.300	2.55	-.060	37.8	.150	.850	.350	.430	.310	-.160	5.45	.242	.670	-.020	36.9	.800	-.090	81.3	.030	.840	-.210	.350	-.300	1.29
[illegible]	--	----	----	----	----	----	----	-	---	---	---	-	-- -	----	----	----	---	--	----	----	----	---	-	---	- --	----	----	----
[illegible]	--	--	----	----	----	----	----	----	----	----	-	----	--	----	----	----	----	-	----	----	----	----	---	----	---	----	----	----
[illegible]	----	----	----	--	----	-	-	--	---	----	----	----	----	----	---	---	----	----	----	-	---	----	----	--	-	- --	----	----
1245-01A	----	----	----	---	---	---	--	----		-	----	--	----	----	----	--	--	----	----	- --	--	--	----	----	----	----	-	-
1275-06	-- -	- --	-	---	-	- --	---	---	----	-- -	- --	---	- -	--	--	---	---	--	----	---	- -	----	---	- -	-	---	---	----	- -
1245-05J	----	----	-	-	- -	----	---	----	----	----	----	---	----	--	--	----	----	----	--	-	----	-- -	----	- -	-	-	-	----
1245-05M	--	--	---	----	---	- -	--	-	----	-	----	----	----	----	----	-	----	----	---	---	- -	----	----	- -	----	----	--	---
1245-05S	----	----	---	-	----	----	----	----	----	----	----	----	----		-	----	----	----	--	---	----	--	-	----	----	----	--	---
1245-01	----	----	- -	-	- -	----	----	----	----	----	----	- --	----	--	- -	----	----	----	--	--	----	----	----	- -	-	-	- --	----	----
1245-02	--	---	----	----	----	----	----	- -	--	---	---		- --	----	----	----	----	----	-	--	----	----	----	-- -	---	---	- -	----	----
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CC68	-1.95	6.11	-.430	-.230	-.050	1.49	-.040	36.0	.030	.050	.570	2.33	.260	.050	3.46	.110	.550	.050	66.6	-.660	-.060	.122	.020	-.040	-.040	.360	-.120	1.38
1245-03	----	----	--	-	----	----	----	----	----	----	----	----	----	--	---	----	---	---	----	----	- --	----	----	----	----	----	---	---
1245-04	----	----	-- -	----	--	----	--	----	----	----	----	----	----	--	--	----	----	----	--	---	----	----	----	---	---	----	----	----
1270-02	--	---	----	----	--	----	- -	----	----	----	----	----	----	---	---	----	----	----	--	---	----	----	----	--	--	----	----	----
1270-03	---	--	---	----	----	----	---	--	----	---	--	-	- --	- --	----	- -	-	----	----	----	---	---	----	-- -	---	--	--	----
1270-04	---	----	-- -	----	- --	--	---	-- -	- --	-	----	--	- --	- -	----	- -	- --	----	----	-- -	---	---	----	-- -	--	---	--	----
1270-05	----	----	---	----	----	----	----	----	----	----	-	---	--	----	---	-	----	----	-- -	--	----	----	----	-- -	--	--	--	----
1270-07	----	--	----	----	----	----	----	----	----	----	-	---	-- -	----	----	----	----	---	----	----	----	---	---	----	-- -	-	--	----
1271-08	---	----	- -	-	- --	----	----	----	----	----	----	----	--	----	----	----	----	---	----	----	----	- -	----	----	----	----	--	--
CC69	---	-	---	----	----	----	----	--	----	--	----	--	----	----	---	---	----	---	----	----	----	----	-- -	---	----	----	---	--
CC69	-4.36	3.54	.860	.151	-.090	1.26	-.050	35.4	.020	-.020	.390	1.02	.220	.170	.120	-.010	.460	-.030	93.4	-.310	.030	.296	.060	.230	.260	.510	-.090	1.38

[255-C1	----	-- -	----	---	----	----	----	----	----	----	----	----	----	----	----	----	- -	----	----	----	---	----	--	----	----	----	----	----
[255-C1M	- --	----	---	----	----	---	--	----	-	----	----	---	- -	----	----	----	----	- -	----	----	----	----	----	----	---	-	----	----
[255-C1S	----	----	----	----	-	---	--	---	----	----	----	--	----	----	----	- -	----	---	----	----	----	----	----	--	----	----	----	----
[255-C2	---	----	----	----	----	----	----	----	----		---	----	--	----	----	----	----	----	--	----	----	----	----	----	---	- -	----	----
[255-C2M	----	- -	----	----	-	---	---	----	----	----	----	----	----	----	----	----	- --	----	----	---	----	----	----	- --	----	----	----	
[255-C2S	----	----	----	--	----	----	--	----	----	----	----	----	----	----	----	---	----	----	- --	----	----	-	----	----	----	----	----	---
[255-D1	--	----	----	----	---	-	----	----	---	--	----	---	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	----
[255-D2	----			----	----	----	----	----	----	----	----	----	----	----		----	----	----	----	---	----	----	----	----	----	----	-	----
[255-D2M	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	----	----	----	----	----
[255-D2S	----																											
CC810	-4.26	8.59	-.180	-.190	-.030	1.20	-.040	-11.5	.090	.100	.160	-1.03	.170	.450	1.06	.010	.590	.060	66.1	-.760	-.050	.165	-.000	1.04	.350	.490	-.050	-.330
[305-D2	---	----	----	-	----	----	--	----	----	----	----	----	----	---	---	----	----	----	----	- -	- -	----	-- -	- --	----	----	--	----
[305-D2M	----	----	----	----	-	----	--	----	----	----	----	----	----	----	--	---	---	----	----	----	---	-- -	----	----	-- -	----	--	---
[305-D2S	----	- --	----	---	----	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
[304-D3T	----	----	----	----	-	----	----	----	----	----	----	----	----	-- -	----	----	----	---	----	----	----	----	----	---	----	----	----	----
[304-D4T	----	--	---	---	----	----	----	----	----	----	--	---	----	----	----	----	-- -	----	---	----	- --	----	----	---	----	--	----	----
[304-D3	----	----	----	----	-	----	----	----	----	----	----	----	----	-	----	----	----	- --	----	----	----	----	--	----	----	----	----	--
[304-D4	---	---	----	--	-- -	----	---	---	-	----	----	-	----	----	- -	----	----	----	- -	----	-- -	----	----	--	----	-	-	----
CC552	----	620	-.890	.060	-.140	.670	1.40	----	6.36	-1.70	1.45	----	-.780	-7.04	----	1.09	-1.72	-.270	.254	-3.91	.090	.871	.890	-2.15	1.36	1.59	-.470	1.45
CC552	---	----	----	----	--	----	--	---	----	----	----	----	----	---	----	----	----	---	----	----	----	----	-	----	----	----	----	----
CC611	----	----	---	---	----	----	----	----	----	-	----	---	----	----	----	---	--	----	- -	----	----	----	----	--	----	----	----	----
CC611	-4.79	4.74	-.610	-.170	-.380	1.41	-.090	4.77	.850	.350	.060	.810	.400	.190	3.25	.020	.550	.070	95.0	-.490	-.060	.211	-.050	.410	.110	.410	-.020	.130
[P1098W2	----	--	--	----	----	----	----	----	-	----	----	- --	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	-
[P1098WX	---	----	-	----	----	----	---	----	- -	- -	----	----	----	----	--	----	----	----	- -	----	-- -	- --	----	---	----	- -	---	----
[P1098WY	----	-	---	--	----	----	----	----	----		----	----	----	----	----	---	----	----	----	----	----	----	----	--	----	----	----	----
[487-13B	----	----	----	----	---	----	----	--	----	----	----	----	----	--	----	----	----	- --	----	----	----	----	----	----	---	---	----	----
[487-13W	----	---	---	----	----	----	----	----	----	--	----	----	----	----	---	----	----	----	---	----	----	----	----	- -	----	----	----	----
[487-13X	----	----	----	----	---	--	----		----	----	----	----	----	---	----	----	- --	----	- --	----	---	----	----	----	-	-	----	----
[487-07A	--	----	-	--	----	----	---	----		-- -	----	----	----	----	-	----	----	----	--	----	----	----	---	----	----	----	----	----
[487-07W	----	-- -	----	--	----	----	---		----	-- -	----	----	---	---	----	----	----	- -	----	----	----	--	----	----	---	---	-- -	----
[487-07X	----	----	----	----		----	----	----	----	----	----	----	-	----	----	----	-	----	-	----	----	----	----	----	----	----	----	----
CC612	-	----	----	----	----	-	--	---	----	----	----	----	----	- -	----	----	----	---	----	----	----	- -	----	----	----	----	-	----
CC812	-3.19	4.01	-1.58	.010	.050	2.20	-.340	59.1	.200	.020	.780	2.94	.320	.600	1.56	.760	.500	.020	34.9	-.080	-.010	37.6	.060	.440	103	1.23	-.090	2.35
[487-05T	----	----	----	----		----	----	----	----	----	----	----		----	----	----	--	----	----	----	----	---	----	--	----	- --	----	----
[487-07T	--	---	-	---	--	--	- -	----	----	-- -	----	----	-	--	--	----	---	----	---	----	-- -	--	----	----	----	---	----	----
[487-01T	--	-	----	----	----	----	---	-	----	-- -	----	----	----	---	----	-- -	---	----	----	---	----	--	----	- --	-	---	- -	----
[487-18T	----	-- -	-	----	----	----	----	----	--	--	----	-	----	----	-	---	----	----	-	----	---	----	----	---	---	----	----	----
[488-01T		----	----	----	----	-	--		----	----		----		----	----	-	-	----	----	-	---	----	----	--	----		----	----
[144-05T	----		-	----	----	----	----	----		----	----	----	----	----	--	----	----	---	--	----	----	----		----	-	----	-	----
[144-10T	---	----	---	----	----	----	----	----	- -		----		----	----	-	--	----	----		----	--	----	---	---	----	----	----	--
[144-11T	---	-	----	- --	-	----	- -	-	---	----	--	-- -	---	--	----	----	----		----	-	----	---	----	-	----	-	- --	----
CC613	---	----	-	----	----	---	---	----		----	----	----	----	----	---	----	- --	--	-	----	----	----	-	----	--	----	--	-
CC613	-1.23	6.34	-.390	-.200	.020	1.93	.130	24.3	.270	.060	.160	1.56	.777	.540	.740	.020	1.16	.130	39.2	-.870	-.030	41.7	-.070	.990	.350	.620	.200	1.21
[P1095W3		---	----	----	----		----		----	----	----	----	----	--	----	----	----	-	----	----	----	----	-	----	--	----	----	----
[P1095WL	----	----	----		----	----	---	----		----	----	----	----	----	---	----	----	----	----	----	----	---	---	----	---	----		----
[P1095WX	--	---	----	----	--	----	----	-	----	----	----	----	----	--	----	----	----	----	----	---	----	----	----	--	----	----	----	-- -
*[102955	-	----	---	----	---	-	-	----	--	-- -	----	----	--	--	- -	----	----	--	- --	---	----	--	- -	---	-	----	---	----
[785-C1A	---	----	-	----	----	----	---	----		----	----	----	-	----	----	----	-	----	----	----	--	----	----	----	--	----	----	----
[785-C1	----	- -	----	--	----	----	----	----	----		----	----	----	----	- -	----	----	----	-	----	----	---	----	----	-	- -	----	----
[785-C1D	----	----	----	-	----	----	----	----	----	----	---	--	----	----	--	-- -	----	----	---	----	----	----	----	----	----	----	----	
[785-C1M	---	----	----	----	-	----	--	---	----	----	----	----	----	----	---	-- -	----	----	---	----	----	----	---	----	----	----	----	-
[785-C1S	---	-- -	----	----	-	----	-	-	----	----	----	----	----	---	----	---	---	----	----	-- -	----	----	----	--	----	---	----	-
[613-C2	-	---	-- -	----	--	----	----	----	----	----	-- -	---	-- -	- --	----	---	----	---	----	--	----	----	----	--	----	----	----	--
CC614	---	----	--	----	----	---	----	----		----	----	----	----	----	----	----	----	--	----	- -	---	----	----	----	----	----	----	---
CC614	-4.09	9.66	-1.60	-.100	-.370	3.37	-.040	16.5	.090	-.030	.370	3.02	.250	.310	1.70	.070	1.19	.090	62.0	-1.09	.100	.161	.040	.930	-.020	.560	-.050	.850
4239-02	----	----	----	---	----	----	----	----	----	-	----		----	--	----	----	----	---	----	----	----	---	----	----	----	---	----	----
[785-C1A	----	----	----	--	----	----	----	----	----		----	--	----	----	----	----	----	--	----	----	----	---	----	--	----	---	----	----
[785-C1T	- -	----	---	-	----	----	----	----	----	----	----	-	----	----	--	--	----	----	---	- --	----	---	----	----	----	---	----	----

1385-112	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	----	----	----	----	----
CCS43	----	1.63	-3.08	.370	-.090	6.44	1.85	----	-.060	-1.26	2.43	----	-1.69	-7.24	----	5.80	-1.71	-.040	67.3	-2.92	2.000	.272	1.07	-2.04	1.70	3.62	-.790	1.91
TC3486	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	---	----	----	----	----	---	---
CCV15	---	----	----	---	----	----	----	----	----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	---	---	----	----	----
CC315	-5.22	7.85	.130	-.940	-.380	1.50	-.030	6.20	-.080	.560	.110	1.20	.460	.430	5.26	.100	1.26	.070	71.6	-.380	.200	.115	-.060	1.16	-.220	.650	-.110	.280
TP109253	----	----	---	----	----	----	---	----	---	----	----	----	----	---	----	---	----	----	---	---	----	---	----	----	----	----	---	---
TP109252	----	----	----	----	----	----	----	----	----	----	---	---	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	---
TP109250	----	---	----	----	----	----	----	----	---	----	----	---	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----
1222-06A	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
1222-05	----	---	----	---	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----
1222-05C	---	----	---	---	----	----	---	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1222-06M	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1222-06S	----	----	----	---	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1384-01	----	----	----	----	---	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1384-02	----	----	----	---	---	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV16	---	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	---	----	----	----	----	----	----	----
CC316	.190	9.40	.030	-.160	-.120	1.41	.020	7.75	.090	.350	.090	2.71	.450	.370	.080	.200	1.44	.140	37.5	-.120	.000	33.3	-.010	.860	.250	1.85	.140	.232

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of QC limit

VERSION : 10A UNIT : UG/L SUMMARY OF CALIBRATION BLANKS : IDOTOOI (SOIL) DATE 09/30/10 TAST EPA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	--	--	----	----	---	---	----	----	----	----	----	----	----	----	----	----	---	---	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	---	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	---	----	----	----	----	----	----	-	-	----	----	-
S22	----	-	----		----	---	----	----	---	-	----	----	----	----	----	----	----	---	----	- -	----	----	----	----	----	----	----	----
S23	-	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	-	----	----	----	----	----	----	----	--	----	----
S24	----	-- -	----	--	----	---	- -	----	----	--	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	---	-- -	----	----	----	----	----	----
S26	----	-	----	-	----	---	---	----	---		----	----	----	----	----	----	----	---	----	- --	- --	----	- --	- --	----	---	--	---
S27	----	----	--	-	----	----	----		---		----	----	-	----	----	----	----	----	----	---	----	----	----	----	----	----	----	---
S28	----	-	--	----	----	---	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	- -	----	--	----	----	----
S29	----	----	----	----		----	----	---	-	----	----	----	--	----	----	----	----	----	---	----	----	----	----	----	----	----	-	-
S30	----	--	----	----	----	----	----	----	----	----	----	----	----	----	--	----	- -	----	----	----	----	---	----	----	----	----	----	---
S31	----	----	----	----	-	----	----	-	---	- --	----	----	----	----	----	----	----	---	---	----	----	----	---	----	--	----	----	----
1C1	--	----	----	----	----	----	----	- -	----	----	----	--	----	----	----	----	- --	---	-- -	- --	----	---	----	----	-- -	----	--	---
1C5	4 53	12 0	- 120	.243	-.332	1.66	.039	42.7	113	.060	.230	2 62	.130	.333	- 050	.070	1.34	.033	20.4	100	- 320	21 9	-.020	930	193	.739	.040	1 94
MB [3102]	--	----	----	----	----	---	----	---	----	- -	----	----	----	----	----	----	----	----	----	----	----	----	--	----	--	----	----	----
MB [3102	----	-	----		----	----	----	----	----	----	----	----	----	----	- -	--	----	----	----	--	----	--	----	--	--	----	----	----
2207	----	----	- --	----	-	---	-	----	---	----	----	----	-- -	----	----	----	----	----	----	----	--	--	----	----	----	----	----	----
[C94]	---	2.41	1 89	.033	-.130	-4 57	.540	----	- 540	-1 77	1.95	--	-.370	7 67	----	1.12	-1.50	-.242	.330	-5.20	.050	67 8	.540	-1.58	1.51	1.38	- 460	1.96
[C94]T	----	-	-- -	-- -	---	----	----	--	----	----	----	-	-	----	----	----	----	--	---	----	----	----	----	-- -	- --	----	- --	--
[CW]	----	----	- --	-	----	---	----	----	----	----	----	----	----	----	--	--	----	----	----	---	----	----	----	----	----	---	----	--
[C95]	.530	6 07	-.250	-.050	-.043	1.36	- 070	64.0	.103	.020	.290	1.70	.210	-.250	2 21	.080	1.26	.020	27.7	-.440	.050	24 2	.040	.800	201	.795	-.140	2.16
[176-02]	----	-	--	----	----	----	----	----	----	----	----	---	----	-	----	----	----	--	----	---	----	----	----	--	--	---	----	----
[176-04]	- -	----	----	----	----	----	----	--	----	----		----	----	----	----	----	--	----	---	----	--	---	----	----	----	----	-	----
[176-06]	----	--	----	----	----	- -	----	----	----	----	----	--	--	---	---	----	----	- -	---	----	----	----	----	-		----	- --	----
[176-08]	- --	---	-	----	----	- --	----	----	-- -	----		----	--	- --	----	---	----	- -	--	----	---	---	-	----	-	- --	----	---
[176-12]	----	----	----		----	----	--	----	----	----	----	----	----	----	--	---	----	----	----	----	---	----	----	--	---	---	----	----
[176-22]	----	----	----	----	--	--	----		---	----	----	----	----	----	----	----	- -	----	----	----	---	- -	----	----	----	----	---	----
[176-24]	----	- -	-- -	----	----	----	----	----	----	----	----	----	---	--	----	----	---	----	----	----	----	---	----	----	----	----	----	----
[176-25]	----	----	--	--	----	--	----	----	----	----	---	----	----	---	---	-	----	----	----	--	----	----	----	----	----	--	----	-
[176-28]	--	---	----	-	---	----		-- -	----	---	---	--	----	--	-	---	----	----	- -	---	---	----	----	----	----	- -	----	-
[242	---	-- -	----	----	--	--	----		- -	--	----	----	- --	----	----	----	-	----	---	-	----	----	---	--	----	---	---	---
C062	7.93	6 56	-.410	- 120	-.015	1 35	.032	40 9	.147	.23	.472	3 72	.292	.100	7.23	.190	1 44	110	54 7	720	- 190	60 3	010	710	-.132	.722	083	1.57
[C093W]	----	----	----	-	----	---		----	----	----	----		-	----		----	----	----	-		----	----	----	--	----		----	----
[C093W]	----	----	----	----	---	--	----		---	---	----	---	----	----	----	----	- -	----	----	----	-	--	----	----	----	----		---
[1090W]		----	----	----	----	----	-- -	----	-	--	-	---	-	-- -	----	----	---	----	----	----	----	-	----	----	----	----	---	----
1194-01A	-	- -	----	--	-	----	--	--	--	----	- -	- --	----	--	--	----	---	---	- -	----	---	----	--	--	-	-	---	- --
1194-01	----	----	----	----	--	--		----	--	---	----	----	----	---	---	-	----	-- -	----	--	----	----	----	- --	----	----	--	---
1194-01C	----	-	----	---	----	----	----	----	----	----	----	-	----		----	----	- -	----	----	----	--	---	---	----	----	----	----	---
1194-02	----	----	---	----		--	-	----	---	----	----	----	----	----	--	-	----	----	----	----	-	----	----	----	----	----	--	----
1194-03		----	- -	----	----	--	--	---	---	---	----	----	----	----	----	----	----	----	----	---	---	-	----	----	----	----		-
1194-04	----	---	----	-	----	----	----	----	----	----	----	----	----	---	---	----	----	----	--	----	---	----	- -	----	----	----	----	----
[177-01]	----	-		----	-- -	-- -	----	---	---	- -	----	- -	---	--	- -	---	-- -	----	- --	---	-- -	- --	- -		----		- --	---
C013	----	---	---	---	--	-- -	----	----	---	----	----	-		----	----	----	----	----	-	----	----	----	-	----	----	----	----	----
C083	1 10	7.22	310	- .30	-.063	1.07	.190	36.7	.350	-.010	.430	2.43	-.170	.050	-2 85	.110	1.33	.010	56 6	- 170	- 060	125	.010	760	870	569	.010	1 42
1284-03T	----	----	----	----	----	----	---	---	---	-	----	----	----	----	----	---	----	----	----	---	----	--	----	----	----	----	-	--
[284-04T	---	---	--	----	----	----	----	----	----	----	-- -	--	----	--	----	----	---	----	----	----	----	- --	----	----	----	----	--	-
1284-05T	----	--	---	----	----	----	----	----	----	----	-	---	----	--	----	---	----	--	---	---	----	----	---	----	----	----	----	----
1284-07T	-	----	----	----	----	----	-	- -	----	--	---	----	----	---	----	-- -	---	- --	----	---	----	- -	----	-- -	- -	----	- -	----
1284-03	-	----	-	----	----	----	----	----	----	- --		----	-	---	----	----	----	----	-	----	----	----	----	----	----	---	----	----
1284-04	--	----	-	----	----	----	----	----	----	---	---	----	- -	----	----	----	---	----	----	---	- -	----	----	----	----	----	- -	---
1284-05	----	----	----	----	--	----	-	----	----	----	-	----	---	----	----	----	----	----	----	----	- --	----	----	----	----	----	- -	--
1284-07	----	----	----	----		----		----	----	----	----	----	----	---	----	-	----	---	----	----	---	-	----	----	----	----	- -	--
1284	----	----	----	----	- --	--	----	- -	- -	----	----	----	----	----	-	--	----	----	----	--	----	----	----	-	--	----	----	----

CCB4	1.09	3.48	.170	-.120	-.353	.569	-.110	27.5	3.89	.070	.430	.930	.090	-.163	-4.22	.360	.530	.613	.141	.339	-.080	.253	-.040	.420	.383	.290	-.359	1.27
IP1094nE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1094n	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1094nC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-02C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-02M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC95	-.860	5.65	-1.57	-.163	-.040	.850	-.060	35.4	.560	.050	.390	1.11	-.200	.230	2.07	.120	.713	-.062	72.1	-.183	-.150	.128	-.030	.490	.060	.330	.320	1.41
I245-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC96	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC96	-.323	4.50	-1.16	-.213	.040	.390	-.070	24.5	.370	.050	.483	12.2	.360	.970	6.57	.090	.640	.020	61.3	.660	-.010	.140	-.010	.420	.073	.110	-.339	1.44
I231-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I230-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I233-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I236-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I169-32	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I503-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I519-01F	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I519-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC97	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC97	.171	4.30	.290	-.080	.109	2.65	-.020	37.8	.150	.090	.390	.430	.310	-.150	5.45	.240	.570	.030	35.8	.600	.090	37.0	.230	.640	-.110	.350	-.210	1.29
IP1097nE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1097n	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1097nC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I246-05A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-05J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-05M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-05S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I246-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I246-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC98	-.195	6.11	.420	-.230	-.350	1.49	-.070	36.0	.090	.050	.570	3.23	.260	.350	1.46	.110	.510	.090	69.6	-.650	.060	.122	.220	-.340	-.048	.560	.120	1.36
I245-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I245-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I270-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CC99	-4.36	3.64	-.860	-.191	-.090	1.26	.060	35.4	.020	-.020	.370	1.32	.230	.170	.120	-.010	.460	-.030	93.4	-.310	.330	.225	.030	.230	.290	.510	-.090	1.38

[255-01	----	----	----	----	----	---	----	----	---	----	----	----	--	----	-	----	----	----	----	----	--	----	---	----	--	----	----	----
[255-01M	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	- -	---	----	----	----	----	----	----	----	----	---	---	----
1255-01S	----	----	----	----	----	--	----	----	----	----	----	----	----	----	---	----	---	----	----	----	---	----	--	--	---	----	----	--
1255-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	---	----	----	----	----	----	----	----	----
1255-03	----	----	- -	----	----		----	----	---	----	----	----	----	----	---	----	-	----	----	----	--	- -	----		--	----	--	-- -
1256-01M	----	----	----	---	----	----	----	----	----	----	--	-- -	----	----	----	--	---	----	----	- --	----	----	----	----	- --	-	----	--
1256-01S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	--	--	---	----	----	----	----	----	----	----	----
1255-02	----	----	----	-	----	----	----	---	----	----	----	----	----	----	----	--	---	----	----	----	----	----	----	----	--	----	----	- --
CCV01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	----	--	----	----	----	----	----	----	----	----	----
CCB10	-4.25	6.53	-.183	-.199	-.030	1.20	-.040	-11.6	.030	.100	.180	-1.03	.170	.450	1.06	-.010	.590	.960	66.1	.780	- .050	.155	-.033	1.04	.360	.490	-.050	-.330
1305-02	----	----	- --	----	----	---	----	----	- -	----	----	---	----	----	-- -	- -	----	----	----	----	----	- -	----	----	--	----	----
1305-02M	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	---	----	---	----	----	----	----	----	----	----	----	----
1305-02S	----	----	- --	----	----	-- -	----	----	--	----	----	----	--	----	---	----	---	----	----	----	---	----	- --	--	----	----	----	--
1304-03T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	- -	----	----	----	----	----	----	----	- -	--	----
1304-04T	----	----	---	--	--	----	----	--	----	----	-	-	----	-	----	----	----	----	----	---	----	--	----	----	----	---	---	---
1304-03	----	----	- --	----	----	----	----	----	----	----	----	----	--	----	--	----	----	----	----	----	--	--	--	----	---	----	----	----
1304-04	---	----	-	----	---	---	----	- --	----	---	---	- --	---	--	----	---	----	----	----	----	---	----	----	----	----	--	---	---
CCS42	----	620	- 090	068	-.140	.670	1.43	---	6.36	-1.20	2.45	----	.750	7.04	- -	1.00	-1.70	- 230	264	-3.91	.090	.871	.093	-2.15	1.06	1.69	- 470	1.45
CCS42	----	----	----	----	----	----	----	--	----	----	- -	----	---	--	-- -	----	----	----	----	----	---	----	-- -	----	----	----	----	----
CCV01	-- -	----	---	----	- -	----	----	-	----	----	----	----	----	----	----	-- -	--	- -	----	----	-- -	--	---	----	----	----	----	----
CCB11	-4.79	4.74	- 510	- 140	- 083	1.41	-.090	4.77	983	.090	.060	.610	400	.190	1.25	.020	590	.070	96.0	-.490	-.060	211	-.060	410	.110	410	-.070	.135
IPI096WI	---	-- -	----	----	----	----	----	----	----	----	-	----	--	---	- -	----	----	----	--	---	----	----	----	----	----	----	----	----
IPI096WA	----	-	----	----	----	----	-- -	----	----	----	- -	- --	----	---	----	-- -	---	-	----	----	----	--	----	-- -	--	----	- -	----
IPI096WF	----	----	----	----	---	----	---	---	----	--	---	----	-	----	----	----	----	----	---	----	----	----	----	----	----	---	- -	-- -
1487-13A	-- -	--	--	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	----	----	-- -	----	----	----	----	----	----	----
1487-13W	----	----	---	-	-	----		- -	----	-	----	----	----	----	----	----	--	----	----	----	----	----	----	----	--	----	-	- --
1487-13J	- -	--	-	----	----	----	----	----	----	----	----	----	----	----	----	--	----	----	--	--	----	----	----	----	----	----	----	---
1487-07S	----	---	----	-	--	----	--	----	----	---	----	----	----	----	---	---	- --	--	----	----	----	---	----	-	--	----	----	----
1487-07W	-	--	----	---	----	----	-- -	----	----	----	----	----	----	----	---	----	----	----	----	- --	--	- -	-	----	----	---	-- -	----
1487-07J	----	----	----	----	---	--	---	---	---	--	--	--	--	----	----	----	----	----	---	----	-- -	----	--	----	--	----	----	----
CCV02	----	----	----	----	----	----	----	----	--	----	-- -	--	----	--	----	----	----	----	---	--	---	----	----	----	----	-	---	-
CCB12	-3.13	4.01	1.58	310	.390	2.30	.040	59.1	.200	.520	.280	2.24	.320	600	1.56	.260	.500	.020	37.9	-.030	-.010	87.6	.060	.440	130	1.53	- 390	2.35
1487-05T	----	----	----	---	--	----	-	--	----	-	---	----	-	----	----	----	--	---	- --	----	----	----	---	--		---	---	----
1487-05T	---	----	---	-	-	---	-- -	-	----	--	---	----	-	---	----	----	----	----	-- -	----	-- -	----	---	---	-	----	--	----
1487-05T	----	----	----	----	----	-- -	----	---		----	-		----	--	----	- -	-	----	--	----	- -	----	- -	- --	--	----	----	- --
1487-05T	----	---	----	----	----	----	----	----	----	----	----	----	---	---	- -	---	----	----	----	--	---	---	----	----	----	- --	----	--
1487-04T	- -	--	-	----	--	----	----	----	----	----	----	----	----	----	----	---	---	----	- --	----	- -	--	-	----	----	----	----	----
1244-03T	---	----	----	----	----	----	----	---	-	----	- -	-	----	-	----	----	----	---		----	----	----	----	----	----	---	-	- -
1244-03T	---	--	----	----	----	----	----	----	----	----	----	----	---	--	-	----	----	----	---	-	---	----	----	----	----	- -	---	-
1244-01	- --	----	--	---	-- -	-	----	-		----		-	-	-- -	----	----	--	--	- --	---	-	--	- -	----	- --	---	----	----
CCV13	----	---	----	----	----	----	----	---	-	--	--	--		----	----	----	---	---	----	---	----	----	--	--	-	----	-	----
CCB13	-1.92	6.34	.383	.200	- 020	1.93	.000	24.5	.270	.050	162	1.56	.110	.640	.740	.020	1.16	.130	33.2	- 570	.070	41.7	-.020	.970	351	620	.000	1.37
IPI095WB	----	----	----	----	----	-- -	----	---	---	---	--	--	-	----	----	----	--	----	---	----	----	----	----	--	---	--	----	----
IPI095WC	---	----	----	----	----	----	----	----	----	----	- -	----	---	--	--	----	----	----	--	-	----	----	----	----	----	-	----	- -
IPI095WD	----	----	---	----	-	---	----	- -	----	----	----	----	----	----	----	---	---	----	-	--	----	----	----	----	----	-- -	--	-
TCC0285B	---	-- -	--	- --	----	--	---	-- -	-- -	----	-- -	-- -	----	-- -	---	---	--	----	- -	---	-- -	-	- --	---	---	-- -	- --	- --
1285-02A	-	---	- -	----	----	----	----	----	----	----	----	----	----	--	---	----	----	----	-	----	---	----	----	----	----	-- -	- -	---
1285-01	----	----	----	----	----	----	----	---	--	--	----	--	- -	----	----	----	----	-	----	----	-- -	--	- -	----	----	----	---	----
1285-01C	---	----	----	----	----	----	----	---	----	----	- -	----	---	----	---	----	----	---	----	----	----	----	----	- -	---	----	----	----
1285-01M	----	----	--	----	- --	----	----	----	----	----	-- -	----	---	--	--	----	----	----	--	--	----	----	----	--	---	--	----	----
1285-01S	----	----	----	-	----	-	---	----	----	---	--	-- -	----	----	----	---	--	----	- --	----	- -	- -	----	----	----	----	----	--
1513-02	----	-	---	- -	----	---	----	-- -	-- -	----	---	---	----	---	---	---	- --	----	----	---	----	-- -	----	----	---	----	----	--
CCV14	----	----	----	-	----	-	---	----	- --	----	----	----	----	----	----	--	---	----	-	--	----	----	----	----	----		----	----
CCB14	-4.69	9.65	-.63	-.180	- 070	1.57	.040	16.6	.080	.020	.330	3.02	.260	.710	.670	.070	1.15	.090	62.0	-1.09	.100	.161	.040	.920	-.020	.660	- .067	.053
9209-02	- --	-	- --	----	----	-- -	--	----	-	-	----	-	----	----	----	-	- -	- --	----	- --	-- -	- -	- -	----	----	----	---	-- -
1285-01A	-- -	----	--	----	----	----	----	----	----	----	----	----	----	----	-	----	----	----	-	---	----	----	--	----	----	----	----	----
1285-01T	----	----	----	-	---	---	----	-	----	----	----	----	----	----	---	---	----	----	----	--	---	----	----	----	----	----	---	----

1/85 [illegible]	----	---	----	----	----	----	----	----	----	----	---	----	---	--	- -	----	----	----	---	----	----	----	----	----	----	---	--	---
ICSA3	----	1.63	-3.98	.070	-.090	6.44	1.35	----	-.060	-1.26	2.43	----	-1.69	-7.24	----	5.80	-1.71	-.040	67.3	-2.92	1.000	.972	1.01	-2.04	1.70	2.62	-.790	1.9[illegible]
ICSA63	----	----	----	----	----	----	-	----	----	---	----	---	---	----	---	----	----	---	--	----	----	----	----	----	---	----	--	-- -
ICV15	----	---	----	----	----	----	----	----	----	----	--	----	----	--	--	----	----	----	----	---	--	----	----	----	----	----	----	----
ICR15	-5.22	7.85	.150	-.940	-.080	1.50	.050	6.23	-.030	.060	.210	1.20	.450	.430	5.25	.100	1.25	.070	71.5	-.380	.000	.115	-.060	1.15	-.220	.690	-.110	.260
IPI0025B	---	----	----	----	----	----	----	----	----	----	----	----	---	--	---	----	----	----	---	-- -	----	----	----	----	----	----	----	- --
IPI0025L	----	----	--	---	---	----	----	----	--	----	----	----	----	----	----	----	---	----	----	----	----	- -	----	--	----	----	----	----
IPI0025C	----	----	----	----	----	----	----	----	- --	----	----	---	----	---	--	----	----	----	----	--	--	----	----	----	----	----	----	----
I222-C5A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	- -	----	----	----	----	----	----	--	----	--	----	----
I222-C5	----	----	----	---	----	--	----	-	----		----	----	----	----	----	----	----	- -	----	----	----	----	----	- -	--	----	----	----
I222-C5J	----	- -	----	----	-	---	----	- -	--	----	----	----	---	---	-- -	----	- --	----	----	---	--	----	----	----	----	----	----	----
I222-C5P	-- -	--	----	----	----	----	-	----	----	----	--	----	---	--	- -	----	----	----	----	----	- -	----	----	----	----	----	----	----
I222-C5S	----	----	-	---	---	----	----	--	-- -	----	----	----	----	----	----	----	----	---	---	----	----	----	----	-- -	- -	----	----	----
I284-C1	----	----	----	----	----	----	---	----	- --		----	---	---	----	----	----	----	---	--	----	----	----	----	----	----	---	--	---
I354-C2	--	- -	----	---	----	----	----	----	----	----	- --	----	----	----	----	---	- --	----	----	----	----	----	-	----	----	----	----	--
CIV16	----	---	--	----	----	---	----	-	-- -	----	-	----	----	- --	----	---	---	----	----	----	----	-	----	--	----	----	----	----
CCR16	.190	9.42	-.230	-.150	-.020	1.41	-.890	7.75	.090	.150	.290	2.72	.460	.370	.080	.200	1.44	.140	37.5	-.120	.000	33.3	-.010	.060	.250	1.85	.140	.230

QC limits of each parameter are listed in a table attached next to all the ICP check forms
* Out of QC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I031001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8I031002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8I031003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8I031004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8I031005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8I031006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8I031007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8I031008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8I031009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8I031010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8I031011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8I031012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8I031013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8I031014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I031015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRLI3101		ID8I031016			1	☒	EMAX	None
17	4	2	4	1	QC	MRLI3102		ID8I031017			1	☒	AFCEE	None
18	5	2	5	1	QC	ZZZZ		ID8I031018			1	☒	ICSA-DoD	None
19	5	2	5	1	QC	ICSA1		ID8I031019			1	☒	ICSA-DoD	None
20	6	2	6	1	QC	ICSAB1		ID8I031020			1	☒	ICSAB1	None
21	7	2	7	1	QC	CCV1		ID8I031021			1	☒	CCV	None
22	8	2	8	1	QC	CCB1		ID8I031022			1	☒	3XIDL	None
23	9	2	9	1	Unk	I176-02I	5X	ID8I031023			1	☒	unk	—
24	10	2	10	1	Unk	I176-04I	5X	ID8I031024			1	☒	unk	—
25	11	2	11	1	Unk	I176-06I	5X	ID8I031025			1	☒	unk	—
26	12	2	12	1	Unk	I176-08W		ID8I031026			1	☒	unk	—
27	13	2	1	2	Unk	I176-10	5X	ID8I031027			1	☒	unk	—
28	14	2	2	2	Unk	I176-12	5X	ID8I031028			1	☒	unk	—
29	15	2	3	2	Unk	I176-14W		ID8I031029			1	☒	unk	—
30	16	2	4	2	Unk	I176-16I	5X	ID8I031030			1	☒	unk	—
31	17	2	5	2	Unk	I176-18I	5X	ID8I031031			1	☒	unk	—
32	18	2	6	2	QC	CCV2		ID8I031032			1	☒	CCV	None
33	19	2	7	2	QC	CCB2		ID8I031033			1	☒	3XIDL	None
34	20	2	8	2	QC	IP093WB		ID8I031034			1	☒	CCB	None
35	21	2	9	2	QC	IP093WL		ID8I031035			1	☒	LCS	None
36	22	2	10	2	QC	IP093WC		ID8I031036			1	☒	LCS	None
37	23	2	11	2	Unk	I194-01A		ID8I031037			1	☒	unk	—
38	24	2	12	2	Unk	I194-01		ID8I031038			1	☒	unk	—
39	25	2	1	3	Unk	I194-01J		ID8I031039			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	26	2	2	3	Unk	I194-02		ID8I031040			1	☒	unk	—
41	27	2	3	3	Unk	I194-03		ID8I031041			1	☒	unk	—
42	28	2	4	3	Unk	I194-04		ID8I031042			1	☒	unk	—
43	29	2	5	3	Unk	I177-01T	5X	ID8I031043			1	☒	unk	—
44	30	2	6	3	QC	CCV3		ID8I031044			1	☒	CCV	None
45	31	2	7	3	CC	CCB3		ID8I031045			1	☒	3XIDL	None
46	32	2	8	3	Unk	I284-037	5X TOT	ID8I031046			1	☒	unk	—
47	33	2	9	3	Unk	I284-04T	5X TOT	ID8I031047			1	☒	unk	—
48	34	2	10	3	Unk	I284-05	5X TOT	ID8I031048			1	☒	unk	—
49	35	2	11	3	Unk	I284-07T	5X TOT	ID8I031049			1	☒	unk	—
50	36	2	12	3	Unk	I284-03	DISS	ID8I031050			1	☒	unk	—
51	37	2	1	4	Unk	I284-04	DISS	ID8I031051			1	☒	unk	—
52	38	2	2	4	Unk	I284-05	DISS	ID8I031052			1	☒	unk	—
53	39	2	3	4	Unk	I284-07	DISS	ID8I031053			1	☒	unk	—
54	40	2	4	4	QC	CCV4		ID8I031054			1	☒	CCV	None
55	41	2	5	4	QC	CCB4		ID8I031055			1	☒	3XIDL	None
56	42	2	6	4	QC	IPI094WB		ID8I031056			1	☒	CCB	None
57	43	2	7	4	QC	IPI094WL		ID8I031057			1	☒	LCS	None
58	44	2	8	4	QC	IPI094WC		ID8I031058			1	☒	LCS	None
59	45	2	9	4	Unk	I246-02A		ID8I031059			1	☒	unk	—
60	46	2	10	4	Unk	I246-02		ID8I031060			1	☒	unk	—
61	47	2	11	4	Unk	I246-02J		ID8I031061			1	☒	unk	—
62	48	2	12	4	Unk	I246-02M		ID8I031062			1	☒	unk	—
63	49	2	1	5	Unk	I246-02S		ID8I031063			1	☒	unk	—
64	50	2	2	5	Unk	I246-03		ID8I031064			1	☒	unk	—
65	51	2	3	5	Unk	I246-04		ID8I031065			1	☒	unk	—
66	52	2	4	5	QC	CCV5		ID8I031066			1	☒	CCV	None
67	53	2	5	5	QC	CCB5		ID8I031067			1	☒	3XIDL	None
68	54	2	6	5	Unk	I246-05		ID8I031068			1	☒	unk	—
69	55	2	7	5	Unk	I246-06		ID8I031069			1	☒	unk	—
70	56	2	8	5	Unk	I246-07		ID8I031070			1	☒	unk	—
71	57	2	9	5	Unk	I230-01	TOT	ID8I031071			1	☒	unk	—
72	58	2	10	5	Unk	I230-02	TOT	ID8I031072			1	☒	unk	—
73	59	2	11	5	Unk	I230-03	TOT	ID8I031073			1	☒	unk	—
74	60	2	12	5	Unk	I230-04	TOT	ID8I031074			1	☒	unk	—
75	61	3	1	1	Unk	I230-05	TOT	ID8I031075			1	☒	unk	—
76	62	3	2	1	QC	CCV6		ID8I031076			1	☒	CCV	None
77	63	3	3	1	QC	CCB6		ID8I031077			1	☒	3XIDL	None
78	64	3	4	1	Unk	I230-01	DISS	ID8I031078			1	☒	unk	—

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
79	65	3	5	1	Unk	I230-02	DISS	ID8I031079			1	☒	unk	—
80	66	3	6	1	Unk	I230-03	DISS	ID8I031080			1	☒	unk	—
81	67	3	7	1	Unk	I230-04	DISS	ID8I031081			1	☒	unk	—
82	68	3	8	1	Unk	230-05	DISS	ID8I031082			1	☒	unk	—
83	69	3	9	1	Unk	338-01		ID8I031083			1	☒	unk	—
84	93	3	9	3	Unk	I188-02		ID8I031084			1	☒	unk	—
85	70	3	10	1	Unk	I509-01A	10X TCLP	ID8I031085			1	☒	unk	—
86	71	3	11	1	Unk	I509-01I	10X TCLP	ID8I031086			1	☒	unk	—
87	72	3	12	1	Unk	I509-01J	50X TCLP	ID8I031087			1	☒	unk	—
88	73	3	1	2	QC	CCV7		ID8I031088			1	☒	CCV	None
89	74	3	2	2	QC	CCB7		ID8I031089			1	☒	3XIDL	None
90	75	3	3	2	QC	IPI097WB		ID8I031090			1	☒	CCB	None
91	76	3	4	2	QC	IPI097WL		ID8I031091			1	☒	LCS	None
92	77	3	5	2	QC	IPI097WC		ID8I031092			1	☒	LCS	None
93	78	3	6	2	Unk	I245-05A		ID8I031093			1	☒	unk	—
94	79	3	7	2	Unk	I245-C5		ID8I031094			1	☒	unk	—
95	80	3	8	2	Unk	I245-05J		ID8I031095			1	☒	unk	—
96	81	3	9	2	Unk	I245-05M		ID8I031096			1	☒	unk	—
97	82	3	10	2	Unk	I245-05S		ID8I031097			1	☒	unk	—
98	83	3	11	2	Unk	I245-01		ID8I031098			1	☒	unk	—
99	84	3	12	2	Unk	I245-02		ID8I031099			1	☒	unk	—
100	85	3	1	3	QC	CCV8		ID8I031100			1	☒	CCV	None
101	86	3	2	3	QC	CCB8		ID8I031101			1	☒	3XIDL	None
102	87	3	3	3	Unk	I245-03		ID8I031102			1	☒	unk	—
103	88	3	4	3	Unk	I245-04		ID8I031103			1	☒	unk	—
104	89	3	5	3	Unk	I270-02		ID8I031104			1	☒	unk	—
105	90	3	6	3	Unk	I270-03		ID8I031105			1	☒	unk	—
106	91	3	7	3	Unk	I270-04		ID8I031106			1	☒	unk	—
107	92	3	8	3	Unk	I270-05		ID8I031107			1	☒	unk	—
108	94	3	10	3	Unk	I270-07		ID8I031108			1	☒	unk	—
109	95	3	11	3	Unk	I270-08		ID8I031109			1	☒	unk	—
110	96	3	12	3	QC	CCV9		ID8I031110			1	☒	CCV	None
111	97	3	1	4	QC	CCB9		ID8I031111			1	☒	3XIDL	None
112	98	3	2	4	Unk	I255-01	TOT	ID8I031112			1	☒	unk	—
113	99	3	3	4	Unk	I255-01M	TOT	ID8I031113			1	☒	unk	—
114	100	3	4	4	Unk	I255-01S	TOT	ID8I031114			1	☒	unk	—
115	101	3	5	4	Unk	I255-02	TOT	ID8I031115			1	☒	unk	—
116	102	3	6	4	Unk	I255-01	DISS	ID8I031116			1	☒	unk	—
117	103	3	7	4	Unk	I255-01M	DISS	ID8I031117			1	☒	unk	—

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
118	104	3	8	4	Unk	I255-01S	D SS	ID8I031118			1	☒	unk	—
119	105	3	9	4	Unk	I255-02	D SS	ID8I031119			1	☒	unk	—
120	106	3	10	4	QC	CCV10		ID8I031120			1	☒	CCV	None
121	107	3	11	4	QC	CCB10		ID8I031121			1	☒	3XIDL	None
122	108	3	12	4	Unk	I305-02		ID8I031122			1	☒	unk	—
123	109	3	1	5	Unk	I305-02M		ID8I031123			1	☒	unk	—
124	110	3	2	5	Unk	I305-02S		ID8I031124			1	☒	unk	—
125	111	3	3	5	Unk	I304-03T	5X TOT	ID8I031125			1	☒	unk	—
126	112	3	4	5	Unk	I304-04T	5X TOT	ID8I031126			1	☒	unk	—
127	113	3	5	5	Unk	I304-03	DISS	ID8I031127			1	☒	unk	—
128	114	3	6	5	Unk	I304-04	DISS	ID8I031128			1	☒	unk	—
129	115	3	7	5	QC	ICSA2		ID8I031129			1	☒	ICSA	None
130	116	3	8	5	QC	ICSAB2		ID8I031130			1	☒	ICSAB1	None
131	117	3	9	5	QC	CCV11		ID8I031131			1	☒	CCV	None
132	118	3	10	5	QC	CCB11		ID8I031132			1	☒	3XIDL	None
133	119	3	11	5	QC	IP098WQ		ID8I031133			1	☒	CCB	None
134	120	3	12	5	QC	IP098WX		ID8I031134			1	☒	LCS	None
135	121	4	1	1	QC	IP098WY		ID8I031135			1	☒	LCS	None
136	122	4	2	1	Unk	I487-13A		ID8I031136			1	☒	unk	—
137	123	4	3	1	Unk	I487-13W		ID8I031137			1	☒	unk	—
138	124	4	4	1	Unk	I487-13J		ID8I031138			1	☒	unk	—
139	125	4	5	1	Unk	I487-07A		ID8I031139			1	☒	unk	—
140	126	4	6	1	Unk	I487-07W		ID8I031140			1	☒	unk	—
141	127	4	7	1	Unk	I487-07J		ID8I031141			1	☒	unk	—
142	128	4	8	1	QC	CCV12		ID8I031142			1	☒	CCV	None
143	129	4	9	1	QC	CCB12		ID8I031143			1	☒	3XIDL	None
144	130	4	10	1	Unk	I487-05T	5X Ti	ID8I031144			1	☒	unk	—
145	131	4	11	1	Unk	I487-07T	5X Ti	ID8I031145			1	☒	unk	—
146	132	4	12	1	Unk	I487-37T	5X Ti	ID8I031146			1	☒	unk	—
147	133	4	1	2	Unk	I487-18T	10X Cu	ID8I031147			1	☒	unk	—
148	134	4	2	2	Unk	I487-34T	10X Cu Ba	ID8I031148			1	☒	unk	—
149	135	4	3	2	Unk	I144-05T	10X Ba	ID8I031149			1	☒	unk	—
150	136	4	4	2	Unk	I144-10T	5X	ID8I031150			1	☒	unk	—
151	137	4	5	2	Unk	I144-11T	5X	ID8I031151			1	☒	unk	—
152	138	4	6	2	QC	CCV13		ID8I031152			1	☒	CCV	None
153	139	4	7	2	QC	CCB13		ID8I031153			1	☒	3XIDL	None
154	140	4	8	2	QC	IPI095WB		ID8I031154			1	☒	CCB	None
155	141	4	9	2	QC	IPI095WL		ID8I031155			1	☒	LCS	None
156	142	4	10	2	QC	IPI095WC		ID8I031156			1	☒	LCS	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	ConFact	Check	Check Table	Fail Action
157	143	4	11	2	QC	TXI008SB	TCLP	ID8I031157			1	☒	CCB	None
158	144	4	12	2	Unk	I785-01A	TCLP	ID8I031158			1	☒	unk	---
159	145	4	1	3	Unk	I785-03	TCLP	ID8I031159			1	☒	unk	---
160	146	4	2	3	Unk	I785-01J	TCLP	ID8I031160			1	☒	unk	---
161	147	4	3	3	Unk	I785-01M	TCLP	ID8I031161			1	☒	unk	---
162	148	4	4	3	Unk	I785-01S	TCLP	ID8I031162			1	☒	unk	---
163	149	4	5	3	Unk	I518-02	TCLP	ID8I031163			1	☒	unk	---
164	150	4	6	3	QC	CCV14		ID8I031164			1	☒	CCV	None
165	151	4	7	3	QC	CCB14		ID8I031165			1	☒	3XIDL	None
166	152	4	8	3	Unk	H209-02	TCLP	ID8I031166			1	☒	unk	---
167	153	4	9	3	Unk	I785-01A	5X TCLP	ID8I031167			1	☒	unk	---
168	154	4	10	3	Unk	I785-01T	5X TCLP	ID8I031168			1	☒	unk	---
169	155	4	11	3	Unk	I785-01J	25X TCLP	ID8I031169			1	☒	unk	---
170	156	4	12	3	QC	ICSA3		ID8I031170			1	☒	CSA	None
171	157	4	1	4	QC	ICSAB3		ID8I031171			1	☒	ICSAB	None
172	158	4	2	4	QC	CCV15		ID8I031172			1	☒	CCV	None
173	159	4	3	4	QC	CCB15		ID8I031173			1	☒	3XIDL	None
174	160	4	4	4	QC	IPI092SB		ID8I031174			1	☒	CCB	None
175	161	4	5	4	QC	IPI092SL		ID8I031175			1	☒	LCS	None
176	162	4	6	4	QC	IPI092SC		ID8I031176			1	☒	LCS	None
177	163	4	7	4	Unk	I222-05A		ID8I031177			1	☒	unk	---
178	164	4	8	4	Unk	I222-05		ID8I031178			1	☒	unk	---
179	165	4	9	4	Unk	I222-05J		ID8I031179			1	☒	unk	---
180	166	4	10	4	Unk	I222-05M		ID8I031180			1	☒	unk	---
181	167	4	11	4	Unk	I222-05S		ID8I031181			1	☒	unk	---
182	174	4	6	5	Unk	I384-01		ID8I031182			1	☒	unk	---
183	175	4	7	5	Unk	I384-02		ID8I031183			1	☒	unk	---
184	170	4	2	5	QC	CCV16		ID8I031184			1	☒	CCV	None
185	171	4	3	5	QC	CCB16		ID8I031185			1	☒	3XIDL	None

ID8I031 Section 1 of 3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00011	.00002	-.00001	.00031	.00017	.00012	-.00043	.00048	.00001	-.00083	Blank
2	S20					.86197		2.7209				S20
3	S21					8.1616		24.761				S21
4	S22				.42156						.16164	S22
5	S23				4.1112						1.6837	S23
6	S24						.08857					S24
7	S25						.91970					S25
8	S26	.24904							.96015	.15841		S26
9	S27	8.6553							8.9024	1.4941		S27
10	S28		.00618									S28
11	S29		.06220									S29
12	S30			.00148								S30
13	S31			.00596								S31
14	ICV	108.18	1.5178	1.0132	2.0435	1.5374	2.4845	2.1064	76.717	2.4993	.94765	ICV
15	ICB	.00453	.01198*	-.00013	-.00014	-.00003	.00166	.00000	.04271	.00011	.00006	ICB
16	MRLI3101	.23838	.10643	.01037	.01084	.01043	.01087	.01054	1.0904	.01106	.00964	MRLI3101
17	MRLI3102	.23339	.05266	.00934	.00520	.00406	.09549	.00523	.54782	.01056	.00969	MRLI3102
18	ZZZZ	392.89	.00099	.00119	.00004	-.00010	-.00557	.00128	480.95	-.00059	-.00126	ZZZZ
19	ICSA1	389.26	.00241	.00189	.00003	-.00013	-.00467	.00054	475.75	-.00054	-.00127	ICSA1
20	ICSAB1	392.18	1.0253	1.0508	.53002	.47985	.47355	1.0309	477.13	.47206	.45239	ICSAB1
21	CCV1	107.92	1.5140	1.0250	2.0495	1.5368	2.4974	2.1002	77.301	2.5152	.94500	CCV1
22	CCB1	.00053	.00807*	-.00025	-.00005	-.00004	.00136	-.00007	.06404	.00010	.00002	CCB1
23	I176-02I	.01278	.00238	.00305	.00378	.00007	.08504	.00009	16.718	.00051	.00017	I176-02I
24	I176-04I	.12664	.00108	-.00006	.00751	.00017	.11325	-.00008	17.079	.00079	.00085	I176-04I
25	I176-06I	.03438	.00000	.00062	.00762	-.00002	.10086	-.00006	17.914	.00047	.00069	I176-06I
26	I176-08W	3.0679	.00002	.00503	.02000	.00026	.14579	.00020	10.018	.00397	.00148	I176-08W
27	I176-10I	-.00033	.00009	-.00048	.00877	-.00007	.17480	-.00008	4.7110	.00002	-.00005	I176-10I
28	I176-12I	.03292	-.00074	-.00064	.00856	-.00008	.08779	-.00008	7.6610	.00011	.00028	I176-12I
29	I176-14W	2.4790	-.00076	.00482	.03704	.00004	.49123	.00008	13.783	.00616	.00085	I176-14W
30	I176-16I	.06746	.00004	-.00003	.00859	-.00006	.13457	-.00011	8.5275	.00027	.00016	I176-16I
31	I176-18I	.07425	-.00075	.00135	.00899	.00002	.13730	-.00003	8.8034	.00027	.00031	I176-18I
32	CCV2	109.77	1.5203	1.0239	2.0731	1.5179	2.5052	2.0934	75.800	2.5173	.95041	CCV2
33	CCB2	.00793	.00656*	-.00041	-.00012	-.00001	.00135	.00003	.04019	.00019	.00012	CCB2
34	IPI093WB	.01764	-.00036	.00100	.00018	.00012	.00083	.00018	.01771	.00025	.00020	IPI093WB
35	IPI093WL	6.1603*	2.5857	.54439	.52873	.51114	.51399	.55132	51.508	.52139	.49849	IPI093WL
36	IPI093WC	5.8922	2.5040	.51759	.49797	.48554	.50451	.52172	49.723	.49186	.46906	IPI093WC
37	I194-01A	6.5064	2.7397	.58126	.62448	.53488	.71253	.58695	169.90	.52976	.52380	I194-01A
38	I194-01	.00792	.01964	.00147	.05844	.00000	.16271	.00021	115.61	.00428	.00039	I194-01
39	I194-01J	-.00009	.00827	-.00075	.01179	-.00004	.03225	-.00008	24.259	.00105	.00001	I194-01J
40	I194-02	.00605	.00120	.00240	.08332	-.00010	.16321	.00019	127.55	.00154	-.00046	I194-02
41	I194-03	.00799	.00245	.00154	.04537	-.00004	.12682	.00010	124.26	.02848	.00087	I194-03
42	I194-04	.03677	.00078	.00187	.02566	-.00010	.15675	.00018	118.89	.01022	-.00014	I194-04
43	I177-01T	.14144	.00171	.00132	.02274	.00018	.04819	.00019	19.718	.00418	.00093	I177-01T
44	CCV3	108.79	1.5065	1.0152	2.0914	1.5161	2.5058	2.1024	74.682	2.4656	.95498	CCV3
45	CCB3	.00110	.00722*	.00001	-.00013	-.00006	.00107	-.00009	.03671	.00005	-.00001	CCB3
46	I284-03T	.03331	.18886	-.01850*	.01873	-.00010	.19944	-.00005	13.872	23.104	.00083	I284-03T
47	I284-04T	.00793	.16822	-.01828*	.00967	-.00014	.17036	-.00009	14.584	20.725	.00061	I284-04T
48	I284-05T	.17451	.20048	-.02256*	.00694	-.00006	.20173	.00003	12.047	25.452	.00109	I284-05T
49	I284-07T	.06659	.13405	-.01433*	.00790	-.00008	.18130	-.00001	11.541	17.155	.00049	I284-07T
50	I284-03	.01353	.89808	-.09374*	.09158	-.00046	1.0121	.00016	66.930	97.914*	.00353	I284-03
51	I284-04	.02329	.92502	-.09929*	.05618	-.00048	.98418	.00019	80.567	100.39*	.00317	I284-04
52	I284-05	.00364	1.0407	-.11796*	.02757	-.00052	1.0515	.00014	58.393	110.47*	.00360	I284-05
53	I284-07	.00853	.67448	-.08035*	.03565	-.00041	.99458	.00016	57.450	82.135*	.00271	I284-07
54	CCV4	109.86	1.5373	1.0434	2.1018	1.5007	2.5178	2.0855	75.469	2.5523	.94539	CCV4

55	CCB4	-.00108	.00348	.00017	-.00012	-.00005	.00096	-.00011	.03749	.00389*	.00007	CC84
56	IPI094WB	.00175	-.00062	.00179	-.00004	-.00006	.00084	.00005	.00537	.00257*	.00008	IPI094WB
57	IPI094WL	6.1583*	2.5708	.54751	.53749	.50573	.51705	.55301	50.986	.51560	.49746	IPI094WL
58	IPI094WC	5.8134	2.4923	.51622	.49558	.47006	.49875	.50738	49.195	.49419	.45705	IPI094WC
59	I246-02A	6.4796	2.6432	.59078	.62546	.51083	.61134	.56749	173.17	.53447	.50579	I246-02A
60	I246-02	.00787	.00784	.00220	.07573	-.00011	.08310	-.00012	126.07	.00119	-.00034	I246-02
61	I246-02J	-.00017	.00594	.00097	.01481	-.00009	.01582	-.00009	25.675	.00113	-.00002	I246-02J
62	I246-02M	6.1256	2.6966	.56028	.59302	.47786	.61096	.53200	177.80	.50897	.47780	I246-02M
63	I246-02S	6.4042	2.8153	.57742	.61352	.49860	.64321	.55709	176.74	.52037	.49753	I246-02S
64	I246-03	.01595	.02341	.00198	.15254	-.00006	.11253	-.00005	222.27	.00088	-.00027	I246-03
65	I246-04	.01289	.00722	.00414	.15386	-.00006	.11180	-.00006	221.91	.00106	-.00035	I246-04
66	CCV5	110.52*	1.5421	1.0410	2.1039	1.4902	2.5189	2.0781	74.979	2.5506	.94864	CCV5
67	CCB5	-.00086	.00665*	-.00157	-.00016	-.00004	.00086	-.00006	.03537	.00056	.00006	CCB5
68	I246-05	.01986	.00159	.00208	.20747	-.00009	.09149	-.00012	424.77	.00102	-.00050	I246-05
69	I246-06	.00820	.00000	.01813	.45099	-.00020	.14347	.00021	554.93	.00073	-.00108	I246-06
70	I246-07	.01153	-.00140	.01821	.44618	-.00010	.14644	.00028	552.67	.00091	-.00092	I246-07
71	I230-01	.11636	-.00007	.00075	.03502	.00030	-.01602*	.00024	3.3558	.00136	.01917	I230-01
72	I230-02	.32483	-.00074	.00250	.08637	.00105	-.00465	.00095	33.490	.00246	.08758	I230-02
73	I230-03	.07675	-.00172	.00160	.05627	.00041	.06909	.00033	3.3489	.00053	.01399	I230-03
74	I230-04	.32152	-.00033	.00200	.08499	.00104	-.00407	.00097	32.903	.00225	.08629	I230-04
75	I230-05	.01591	-.00119	-.00003	.00032	-.00001	.00401	-.00001	.02706	.00038	.00019	I230-05
76	CCV6	110.00*	1.5119	1.0170	2.1187	1.4966	2.5041	2.0998	73.951	2.4697	.95438	CCV6
77	CCB6	-.00032	.00450	-.00115	-.00021	-.00004	.00078	-.00007	.03464	.00037	.00005	CCB6
78	I230-01	.04451	.00026	.00025	.03053	.00057	-.01530*	.00055	3.1253	.00141	.01901	I230-01
79	I230-02	.07579	-.00011	.00050	.08201	.00092	-.00449	.00091	32.802	.00185	.08448	I230-02
80	I230-03	.01902	-.00036	.00026	.04948	.00015	.06550	.00009	3.1308	.00031	.01326	I230-03
81	I230-04	.08403	-.00020	.00136	.08235	.00079	-.00414	.00075	32.397	.00154	.08348	I230-04
82	I230-05	.00572	-.00093	.00127	.00003	.00011	.00432	.00013	.02789	.00023	.00034	I230-05
83	I338-01	.01011	-.00096	.00371	.06857	-.00013	.05399	-.00001	52.947	.00690	-.00027	I338-01
84	I188-02	.00346	-.00101	-.00029	.00018	-.00001	.03021	.00002	.43452	.00008	.00017	I188-02
85	I509-01A	5.9588	2.5263	.58606	.55958	.52271	9.9845	.58963	48.979	.52449	.53521	I509-01A
86	I509-01I	.00802	.00688	.00324	.00314	-.00002	9.0131	-.00018	.10275	.00026	-.00016	I509-01I
87	I509-01J	.00009	.00189	.00038	.00127	-.00008	1.8272	-.00016	.01794	.00001	.00004	I509-01J
88	CCV7	110.62*	1.5236	1.0248	2.1080	1.4918	2.5099	2.0883	74.677	2.5055	.95038	CCV7
89	CCB7	.00077	.00400	.00029	-.00008	.00000	.00255	-.00007	.03777	.00015	.00009	CCB7
90	IPI097WB	-.00121	-.00103	.00074	-.00019	-.00005	.00176	.00008	-.00312	.00002	.00013	IPI097WB
91	IPI097WL	6.4762*	2.5576	.57022	.56078	.51171	.51293	.56566	49.248	.54005	.51309	IPI097WL
92	IPI097WC	6.2395*	2.7318	.55348	.54770	.49807	.52920	.55492	51.510	.53510	.50486	IPI097WC
93	I245-05A	6.5858	2.6829	.58882	.64448	.51281	.95922	.57483	143.87	.53756	.51382	I245-05A
94	I245-05	.00307	.01136	.00277	.08636	-.00004	.44170	.00019	96.489	.00096	-.00030	I245-05
95	I245-05J	-.00072	.00591	.00169	.01680	-.00008	.08385	-.00011	19.289	.00030	-.00003	I245-05J
96	I245-05M	6.2364	2.8314	.56324	.61270	.47899	.97370	.54126	138.04	.50867	.48792	I245-05M
97	I245-05S	6.2692	2.8168	.56205	.61536	.48255	.99191	.54201	143.46	.50888	.48600	I245-05S
98	I245-01	.00382	.02550	.00452	.08511	.00000	.24616	.00012	47.142	.00512	-.00023	I245-01
99	I245-02	.00314	.00891	.00592	.08533	-.00007	.23605	.00007	45.963	.00509	-.00043	I245-02
100	CCV8	108.58	1.5330	1.0372	2.1189	1.4843	2.5111	2.0921	74.366	2.5259	.95375	CCV8
101	CCB8	-.00195	.00611*	-.00043	-.00023	-.00005	.00149	-.00007	.03596	.00009	.00005	CCB8
102	I245-03	.00746	.00270	.00430	.02864	-.00003	.29014	.00002	55.401	.03780	.00061	I245-03
103	I245-04	-.00028	.00071	.00239	.07124	-.00009	.30616	.00000	58.528	.01956	.00117	I245-04
104	I270-02	.00345	.00057	.00954	.02764	-.00011	.78601	-.00003	135.73	.00269	-.00043	I270-02
105	I270-03	.00080	-.00061	.00157	.10638	-.00018	.26941	-.00012	468.13	.00167	-.00076	I270-03
106	I270-04	.00650	-.00047	.00444	.09652	-.00013	.38269	-.00008	266.47	.00072	-.00035	I270-04
107	I270-05	.00078	-.00084	.00699	.18769	-.00013	.34426	-.00004	243.74	.00093	-.00011	I270-05
108	I270-07	.00778	-.00108	.01181	.02446	-.00012	.62935	-.00003	105.16	.00046	.00008	I270-07
109	I270-08	.00111	-.00136	.00520	.07616	-.00012	.38288	-.00001	231.82	.00082	-.00032	I270-08
110	CCV9	106.63	1.5146	1.0392	2.1397	1.4805	2.5174	2.0960	75.070	2.5275	.94986	CCV9
111	CCB9	-.00436	.00354	-.00086	-.00019	-.00009	.00126	-.00006	.03544	.00002	-.00002	CCB9

112	I255-01	.02625	.00025	.00204	.18152	.00005	.00110	.00015	72.633	.00078	.00438	I255-01
113	I255-01M	6.2187	2.6407	.56236	.70684	.48421	.52848	.54298	117.10	.51585	.48882	I255-01M
114	I255-01S	6.2476	2.7025	.56236	.71988	.48776	.54500	.55310	119.02	.51218	.49611	I255-01S
115	I255-02	1.4200	.02862	.00268	.01630	.00020	.00583	.00003	.46168	.00157	.00762	I255-02
116	I255-01	-.00283	.00604	.00237	.13303	-.00006	.00026	.00012	53.961	.00045	.00356	I255-01
117	I255-01M	5.6855	2.4816	.53499	.67171	.44894	.48421	.51344	108.85	.49152	.46516	I255-01M
118	I255-01S	6.2905	2.8294	.58372	.72461	.48995	.55180	.55334	120.86	.53992	.50028	I255-01S
119	I255-02	.02259	.02920	.00082	.01308	.00013	.00626	.00010	.47156	.00010	.00695	I255-02
120	CCV10	103.65	1.5020	1.0319	2.1249	1.4698	2.4937	2.0935	75.533	2.5289	.94035	CCV10
121	CCB10	-.00425	.00850*	-.00018	-.00019	-.00003	.00120	-.00004	-.01150	.00000	.00010	CCB10
122	I305-02	.00198	.00185	.00516	.30294	-.00018	.14824	-.00015	552.46	.00059	-.00065	I305-02
123	I305-02M	6.3924	2.9637	.63034	.87614	.47942	.71208	.56862	601.26	.53873	.50519	I305-02M
124	I305-02S	6.1865	2.8050	.60335	.85451	.47291	.67614	.56584	583.80	.51204	.50078	I305-02S
125	I304-03T	.14689	.13144	-.00972	.00837	.00003	.17113	.00004	15.311	13.252	.00070	I304-03T
126	I304-04T	.07654	.19320	-.01704*	.00823	-.00015	.18718	.00003	10.661	22.101	.00095	I304-04T
127	I304-03	.00822	.60796	-.05639*	.04033	-.00028	1.0012	.00010	73.466	70.394*	.00301	I304-03
128	I304-04	.00809	.95246	-.08444*	.03376	-.00045	.96837	.00021	47.855	99.206*	.00416	I304-04
129	ICSA2	370.16	.00062	-.00009	.00006	-.00014	.00067	.00140	462.46	.00636	-.00120	ICSA2
130	ICSAB2	376.81	.99873	1.0524	.55650	.45877	.48386	1.0467	462.33	.46672	.45668	ICSAB2
131	CCV11	102.95	1.5346	1.0752	2.1979	1.4760	2.5385	2.1516	76.919	2.6303	.96814	CCV11
132	CCB11	-.00479	.00474	-.00061	-.00017	-.00008	.00141	-.00009	.00477	.00086*	.00009	CCB11
133	IPI098WQ	.00446	-.00093	.00127	-.00006	-.00005	.00070	.00011	.00836	.00054	.00022	IPI098WQ
134	IPI098WX	5.8628	2.4902	.57600	.57340	.50994	.50606	.58404	50.918	.55495	.51827	IPI098WX
135	IPI098WY	5.5468	2.6134	.55034	.55355	.49196	.51860	.56936	51.864	.53039	.50763	IPI098WY
136	I487-13A	7.4755	2.6290	.81322	.75437	.65303	8.1151	.77946	54.712	4.4394	.68582	I487-13A
137	I487-13W	.11350	.04048	.00037	.01487	-.00005	7.7355	.00357	4.6062	3.8932	.00023	I487-13W
138	I487-13J	.02441	.01200	-.00034	.00268	-.00009	1.4367	.00060	.92469	.76338	.00015	I487-13J
139	I487-07A	31.092	2.7552	.63345	1.0469	.50074	2.0122	.57799	63.764	2.4987	.62585	I487-07A
140	I487-07W	23.394	.01762	.02438	.50002	.01705	1.4096	.01694	13.189	1.8330	.12457	I487-07W
141	I487-07J	4.2845	.00477	.00523	.09956	.00334	.26441	.00317	2.6236	.33366	.02430	I487-07J
142	CCV12	103.33	1.5376	1.0877	2.2241*	1.4673	2.5571	2.1523	76.950	2.6566	.96705	CCV12
143	CCB12	-.00319	.00401	-.00158	.00001	.00005	.00220	-.00004	.05915	.00020	.00002	CCB12
144	I487-05T	1.0637	.04852	.00172	.14253	-.00003	.00981	.00619	4.1615	.07538	.00946	I487-05T
145	I487-07T	4.5353	.00401	.00613	.10451	.00348	.27655	.00333	2.7574	.35137	.02527	I487-07T
146	I487-37T	.16283	.00048	.00024	.01629	-.00010	.00697	.00069	.54947	.00395	.00039	I487-37T
147	I487-18T	1.6934	.00774	.00132	5.1592	-.00004	.00923	.21693	10.891	.40127	.00994	I487-18T
148	I487-34T	2.8196	.18340	.00208	1.9434	.00003	.06872	.00060	3.6839	.03395	.00272	I487-34T
149	I144-05T	2.6216	.00074	.00084	14.417	-.00004	.00103	-.00009	5.3697	.00169	.00214	I144-05T
150	I144-10T	.35939	.00044	.00306	.00875	.00001	.00375	.00055	.52074	.00674	.00249	I144-10T
151	I144-11T	.36877	-.00069	.00313	.00913	.00003	.00456	.00074	.51621	.00686	.00275	I144-11T
152	CCV13	101.91	1.5134	1.0716	2.2267*	1.4785	2.5601	2.1590	76.904	2.6075	.96285	CCV13
153	CCB13	-.00123	.00634*	-.00008	-.00020	-.00002	.00193	.00000	.02481	.00027	.00006	CCB13
154	IPI095WB	.00055	-.00082	.00100	.00010	.00006	.00142	.00011	.01054	.00020	.00017	IPI095WB
155	IPI095WL	5.5733	2.5387	.56855	.55487	.48310	.51371	.55369	51.803	.54925	.49351	IPI095WL
156	IPI095WC	5.1684	2.3908	.52080	.51240	.44991	.49054	.51437	48.937	.49911	.45585	IPI095WC
157	TXI008S8	-.00109	.01496	.00000	.00177	-.00004	.00939	-.00001	.28121*	.00010	.00009	TXI008S8
158	I785-01A	4.5760	2.0245	.48178	.57129	.38994	.54422	.45314	61.008	.42988	.39919	I785-01A
159	I785-01	.03231	.01696	.00567	.15773	-.00004	.17013	.00062	27.029	.00079	.00124	I785-01
160	I785-01J	.00609	.00592	.00085	.03213	.00001	.03561	.00014	5.6739	.00024	.00034	I785-01J
161	I785-01M	5.5890	2.6554	.57885	.70389	.46786	.71360	.54549	80.395	.51875	.48285	I785-01M
162	I785-01S	5.6873	2.6737	.58809	.73679	.47520	.74834	.55762	82.140	.51366	.49173	I785-01S
163	I518-02	2.0650	.02317	.00098	.09505	-.00005	.27580	.00267	14.559	.00291	.00273	I518-02
164	CCV14	102.57	1.5337	1.0864	2.2407*	1.4634	2.5740	2.1425	76.975	2.6550	.96356	CCV14
165	CCB14	-.00409	.00965*	-.00163	-.00018	-.00007	.00197	-.00004	.01653	.00009	-.00003	CCB14
166	H209-02	.02276	.00438	.00093	.14609	.00006	.17528	.00226	96.055	.00161	.00064	H209-02
167	I785-01A	5.4022	2.5076	.55900	.58664	.48840	.54610	.56143	58.097	.52337	.49412	I785-01A
168	I785-01T	.00746	.01165	.00222	.03135	.00037	.03455	.00045	5.4049	.00067	.00062	I785-01T

169	I785-01J	-.00469	.00432	-.00041	.00631	-.00006	.00982	-.00003	1.1400	-.00008	.00009	I785-01J
170	ICSA3	375.56	.00163	-.00308	.00007	-.00009	.00644	.00185	470.69	-.00006	-.00126	ICSA3
171	ICSAB3	373.63	.98947	1.0712	.56945	.45164	.49923	1.0441	459.31	.46734	.45265	ICSAB3
172	CCV15	103.21	1.5303	1.0867	2.2316*	1.4677	2.5693	2.1449	76.929	2.6534	.96461	CCV15
173	CCB15	-.00522	.00785*	.00013	-.00024	-.00008	.00150	-.00003	.00620	-.00008	.00006	CCB15
174	IPI092SB	.01383	.00129	.00001	.00015	.00001	.00101	.00008	.01949	.00003	.00014	IPI092SB
175	IPI092SL	4.4624	2.1681	.46072	.47861	.41382	.42093	.48941	44.853	.45452	.43809	IPI092SL
176	IPI092SC	4.9198	2.3989	.51488	.53046	.45789	.46196	.54361	49.360	.50523	.48618	IPI092SC
177	I222-05A	13.077	2.9272	.56859	.90166	.49672	.47700	.59133	57.345	.83898	.52857	I222-05A
178	I222-05	7.3099	.48192	.00369	.32555	.00046	.00257	.00748	6.8196	.29281	.00650	I222-05
179	I222-05J	1.5206	.10282	.00094	.06517	.00003	.00084	.00139	1.3808	.05777	.00130	I222-05J
180	I222-05M	13.708	2.7416	.51834	.81066	.46357	.45337	.54834	57.930	.76015	.49378	I222-05M
181	I222-05S	14.345	2.6399	.51361	.86094	.45782	.44941	.55201	57.438	.71179	.49272	I222-05S
182	I384-01	103.81	.02549	.02559	.95896	.00413	.05691	.00107	18.515	.27752	.08069	I384-01
183	I384-02	76.995	.00709	.02631	.19026	.00317	.05101	-.00112	6.7280	.31527	.12832	I384-02
184	CCV16	103.54	1.5254	1.0759	2.2152*	1.4750	2.5596	2.1461	77.466	2.6510	.96153	CCV16
185	CCB16	.00019	.00940*	-.00033	-.00016	-.00002	.00141	-.00002	.00775	.00009	.00005	CCB16
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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ID8I031 Section 2 of 3

INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00118	.00002	.00003	-.00002	.00000	.00002	.00011	-.00070	-.00035	.00001	Blank
2	S20			.19653			.10372					S20
3	S21			1.9089			1.0048					S21
4	S22	.38627	.06536									S22
5	S23	3.7445	2.5070									S23
6	S24							.71026				S24
7	S25							7.0579				S25
8	S26								.78924	.27592		S26
9	S27								7.3251	2.7446		S27
10	S28					.10031						S28
11	S29					.41415						S29
12	S30				.02564						.00168	S30
13	S31				.12660						.00669	S31
14	ICV	2.5099	23.989	2.4159	.52181	56.162	2.3926	2.5361	2.5568	60.096	1.0218	ICV
15	ICB	.00020	.00262	.00013	.00033	-.00005	.00007	.00134*	.00003	.02044	.00010	ICB
16	MRLI3101	.01074	.22066	.01073	.01079	.97422	.01094	.01067	.01098	.99426	.01010	MRLI3101
17	MRLI3102	.01041	.10536	.00310	.10067	.20521	.00542	.01015	.01068	.98329	.00954	MRLI3102
18	ZZZZ	.00204	183.53	-.00004	-.00797	190.52	.00111	-.00164	-.00041	.02896	-.00531*	ZZZZ
19	ICSA1	.00195	184.00	-.00037	-.00767	188.56	.00113	-.00150	-.00024	.00033	-.00520	ICSA1
20	ICSAB1	.51627	184.60	.90129	1.0936	187.70	.46061	.99927	.97608	79.804	1.0451	ICSAB1
21	CCV1	2.5066	24.099	2.4116	.52073	56.423	2.4130	2.5266	2.5472	60.495	1.0305	CCV1
22	CCB1	.00029	.00170	.00021	-.00025	.00221	.00008	.00126*	.00002	.02769	-.00044	CCB1
23	I176-02I	.00137	.01360	.00579	.00582	18.704	.01938	.00052	.00134	1.2018	.00087	I176-02I
24	I176-04I	.00157	.00464	.00704	.01776	31.994	.02582	.00005	.00260	1.9277	.00086	I176-04I
25	I176-06I	.00142	-.00027	.00704	.01291	17.233	.03634	.00013	.00440	1.7446	.00510	I176-06I
26	I176-08W	.01110	2.2644	.03656	.00874	2.8339	.08086	.00024	.00884	2.0800	.00308	I176-08W
27	I176-10I	.00224	.00869	.00859	.00176	9.4486	.00048	.00067	.00276	.63324	.00149	I176-10I
28	I176-12I	.00207	-.00291	.00626	.01734	16.494	.02307	-.00004	.00411	1.7899	.00091	I176-12I
29	I176-14W	.00657	3.0064	.03729	.01768	8.8545	.04994	.00137	.00894	5.0070	.00149	I176-14W
30	I176-16I	.00101	.01442	.00641	.02270	20.797	.00650	-.00002	.00402	1.6597	-.00007	I176-16I
31	I176-18I	.00111	.02302	.00670	.02287	21.321	.00696	-.00004	.00395	1.6865	.00031	I176-18I
32	CCV2	2.5759	23.881	2.4134	.53251	54.742	2.3985	2.5601	2.5589	61.429	1.0332	CCV2
33	CCB2	.00047	.00370	.00029	.00010	.00729	.00019	.00144*	.00011	.05867	.00072	CCB2
34	IPI093WB	.00083	.00211	.00034	-.00011	.01083	.00035	.00031	.00057	.02049	-.00087	IPI093WB
35	IPI093WL	.53754	5.2497	.51757	-.00098*	47.719	.50947	.51436	.53990	52.329	.54043	IPI093WL
36	IPI093WC	.50922	4.9585	.49083	-.00117*	46.274	.47985	.49438	.50949	50.527	.51443	IPI093WC
37	I194-01A	.57102	5.3320	.56528	.02360	79.454	.53712	.58604	.60619	56.466	.58276	I194-01A
38	I194-01	.00135	.03195	.02536	.02319	30.162	.01287	.03551	.07612	2.1444	.00640	I194-01
39	I194-01J	.00052	.00717	.00532	.00468	6.1618	.00279	.00715	.01537	.45398	.00107	I194-01J
40	I194-02	.00136	.00298	.02582	.02216	33.638	.00102	.03093	.00300	2.3166	.00678	I194-02
41	I194-03	.00231	.36732	.02641	.01874	34.567	.02045	.04105	.24837	3.0126	.00654	I194-03
42	I194-04	.00180	.11930	.02690	.01932	31.728	.00618	.03579	.03315	2.6565	.00543	I194-04
43	I177-01T	.00370	7.8909	.00600	.01058	11.172	.04580	.00218	.00240	8.4964	.00650	I177-01T
44	CCV3	2.5786	23.455	2.4235	.53599	54.092	2.3850	2.5851	2.5704	61.435	1.0289	CCV3
45	CCB3	.00049	.00243	-.00017	.00005	-.00285	.00011	.00130*	.00001	.06859	-.00017	CCB3
46	I284-03T	.00113	.10227	.00096	.00992	13.572	.00349	.00418	-.00019	7.6880	.00090	I284-03T
47	I284-04T	.00095	.06538	.00027	.00860	14.280	.00516	.00215	-.00034	5.7219	.00064	I284-04T
48	I284-05T	.00115	.28282	.00052	.01026	14.819	.00597	.00201	-.00003	7.4301	.00125	I284-05T
49	I284-07T	.00267	.15934	.00105	.00949	13.215	.00390	.00497	.00002	6.8801	.00122	I284-07T
50	I284-03	.00109	.33753	.00156	.05407	67.356	.01362	.01840	-.00024	41.903	.00117	I284-03
51	I284-04	.00131	.34192	-.00019	.05251	81.906	.02626	.01080	-.00104	35.454	.00206	I284-04
52	I284-05	.00123	.38412	.00004	.05345	75.555	.01141	.01059	-.00152	42.161	.00217	I284-05
53	I284-07	.00131	.26876	.00230	.05367	69.505	.01050	.02386	-.00065	39.887	.00273	I284-07
54	CCV4	2.6010	24.042	2.4120	.54060	54.057	2.3942	2.5515	2.5501	62.530	1.0536	CCV4

55	CCB4	.00043	.00093	-.00009	-.00016	-.00422	.00006	.00053	.00001	.14135	.00003	CCB4
56	IPI094WB	.00045	-.00009	.00021	-.00046	.00496	.00019	.00010	.00043	.06153	-.00065	IPI094WB
57	IPI094WL	.54008	5.1934	.52109	-.00038*	46.956	.50408	.51693	.53993	52.859	.54415	IPI094WL
58	IPI094WC	.50559	4.9521	.47971	-.00081*	45.154	.47244	.48111	.49745	50.730	.51559	IPI094WC
59	I246-02A	.56563	5.7263	.53631	.01424	66.645	.66132	.52678	.51094	59.516	.57583	I246-02A
60	I246-02	.00103	.43286	.01183	.01496	19.918	.15472	.00457	.00006	4.4912	-.00095	I246-02
61	I246-02J	.00074	.08837	.00280	.00316	3.9446	.03102	.00087	.00007	.89299	.00029	I246-02J
62	I246-02M	.53555	5.4806	.50855	.01439	68.900	.63917	.52721	.51676	62.162	.55051	I246-02M
63	I246-02S	.55228	5.6330	.52974	.01437	68.597	.65581	.55911	.53742	61.372	.56601	I246-02S
64	I246-03	.00119	.50533	.01340	.00321	35.558	.26252	.00333	.00058	6.0367	-.00064	I246-03
65	I246-04	.00130	.49395	.01305	.00350	35.304	.26207	.00289	.00084	6.0496	-.00120	I246-04
66	CCV5	2.6287	24.029	2.4034	.54167	53.358*	2.3641	2.5543	2.5525	62.805	1.0521	CCV5
67	CCB5	.00039	.00111	-.00020	.00023	.00207	.00012	.00071	-.00006	.07211	-.00018	CCB5
68	I246-05	.00187	1.9258	.01617	.01821	84.513	.76184	.00131	.00071	9.8224	-.00017	I246-05
69	I246-06	.00184	17.342	.01959	.01547	100.87	.73468	-.00106	.00017	14.134	-.00153	I246-06
70	I246-07	.00224	17.167	.02103	.01529	100.04	.72807	-.00104	.00078	14.155	-.00205	I246-07
71	I230-01	.00698	4.8346	.03046	.07526	1.1693	1.3841	-.00020	.01117	1.8149	.00015	I230-01
72	I230-02	.01182	16.592	.01900	.00506	9.3986	1.7869	-.00023	.05915	1.1565	.00003	I230-02
73	I230-03	.00279	.30909	.00486	.00042	1.6437	.38246	.00002	.00438	.88938	.00004	I230-03
74	I230-04	.01192	16.013	.01931	.00539	9.1444	1.7666	-.00023	.05850	1.1360	.00029	I230-04
75	I230-05	.00151	.01239	.00014	-.00040	.01368	.00145	-.00001	.00026	.04401	-.00049	I230-05
76	CCV6	2.5898	23.533	2.4264	.54399	53.008*	2.3351	2.5772	2.5691	62.323	1.0323	CCV6
77	CCB6	.00048	.01218	.00036	.00027	.00657	.00009	.00064	-.00002	.06134	-.00066	CCB6
78	I230-01	.00373	2.6087	.02814	.07163	1.1252	1.3350	.00018	.01092	1.7115	.00073	I230-01
79	I230-02	.00909	11.444	.01554	.00540	9.1209	1.7309	-.00016	.05704	1.1047	.00072	I230-02
80	I230-03	.00200	.07559	.00391	.00086	1.5375	.35510	-.00004	.00382	.83544	-.00048	I230-03
81	I230-04	.00881	11.993	.01468	.00558	9.0761	1.7165	-.00031	.05645	1.1007	-.00063	I230-04
82	I230-05	.00124	.00595	.00029	.00012	.01105	.00079	.00001	.00031	.02982	-.00049	I230-05
83	I338-01	.00168	.01663	.01833	.02876	10.002	.01644	.00356	.00092	2.0530	.00050	I338-01
84	I188-02	.00082	.00490	.00019	.00001	.08537	.00032	-.00005	.00022	.07270	.00010	I188-02
85	I509-01A	.57387	5.1458	.52960	-.00007	44.680	.49807	.81949	.53491	58.830	.65616	I509-01A
86	I509-01I	.01455	.01009	.00170	.00082	.04437	.00185	.25536	.00034	6.4281	.01668	I509-01I
87	I509-01J	.00340	.00200	.00030	.00037	.00745	.00052	.04741	-.00010	1.3224	.00382	I509-01J
88	CCV7	2.6200	23.749	2.4168	.54584	53.174*	2.3318	2.5677	2.5623	63.029	1.0377	CCV7
89	CCB7	.00039	.00043	.00031	-.00016	.00545	.00024	.00067	-.00003	.03685	.00080	CCB7
90	IPI097WB	.00047	-.00169	.00034	-.00009	.00470	.00010	.00009	.00052	.01787	-.00117	IPI097WB
91	IPI097WL	.57089	5.4205	.53657	-.00098*	44.806	.51211	.50798	.55688	53.089	.56869	IPI097WL
92	IPI097WC	.55441	5.3016	.52216	-.00105*	46.764	.50353	.54665	.54709	55.194	.54834	IPI097WC
93	I245-05A	.57895	5.3057	.55585	.09241	113.29	.57726	.54655	.52706	62.691	.57922	I245-05A
94	I245-05	.00176	-.00829	.02870	.09333	66.931	.07608	.01899	.01031	5.8341	.00042	I245-05
95	I245-05J	.00073	.00000	.00546	.01773	12.895	.01533	.00368	.00204	1.0962	-.00079	I245-05J
96	I245-05M	.55318	5.0007	.53091	.09053	108.50	.54733	.57326	.53543	61.217	.55722	I245-05M
97	I245-05S	.54899	5.0355	.53059	.09330	112.77	.55433	.56704	.53302	62.261	.55518	I245-05S
98	I245-01	.00145	.10258	.03492	.03753	22.607	.00309	.03129	.04065	5.2285	.00827	I245-01
99	I245-02	.00170	.11047	.03282	.03626	22.141	.00356	.03101	.04563	5.0346	.00904	I245-02
100	CCV8	2.6154	23.879	2.4223	.54584	52.684*	2.3231	2.5699	2.5701	63.189	1.0521	CCV8
101	CCB8	.00057	.00323	.00026	.00005	.00146	.00011	.00055	.00008	.06857	-.00065	CCB8
102	I245-03	.00180	.33517	.03130	.03746	32.308	.01832	.02983	.21406	3.9729	.01106	I245-03
103	I245-04	.00234	.89499	.02922	.05511	39.384	.04337	.02906	.49565	4.0469	.01409	I245-04
104	I270-02	.00300	-.00943	.02834	.02805	81.459	.00153	.00282	.00628	15.460	.01333	I270-02
105	I270-03	.00268	-.01426	.02956	.02800	261.88	.00287	.00078	.00090	33.151	.00617	I270-03
106	I270-04	.00237	-.01927	.03236	.05118	137.95	.01598	.00280	.00218	9.1840	.00659	I270-04
107	I270-05	.00139	.01075	.03332	.04146	121.58	.44067	.00332	.00189	6.0254	.00475	I270-05
108	I270-07	.00147	.16290	.02581	.02182	48.554	.19800	.00569	.00135	2.8470	-.00057	I270-07
109	I270-08	.00174	-.02324	.02710	.03783	110.31	.16506	.00299	.00151	5.7455	.00551	I270-08
110	CCV9	2.5684	23.930	2.4207	.54777	53.122*	2.3375	2.5635	2.5627	64.066	1.0483	CCV9
111	CCB9	.00032	.00102	.00023	.00017	.00012	-.00001	.00046	-.00003	.09338	-.00031	CCB9

112	I255-01	.00190	1.1509	.00849	-.00129	39.928	2.2298	-.00017	.00454	.48245	-.00074	I255-01
113	I255-01M	.53851	6.2100	.51186	-.00182	84.564	2.6019	.52086	.52885	55.754	.55118	I255-01M
114	I255-01S	.53810	6.2649	.52196	-.00174	86.275	2.6443	.53995	.53854	56.322	.55455	I255-01S
115	I255-02	.00217	4.7018	.00947	.00320	.74749	.21475	.00065	.00414	.98771	-.00044	I255-02
116	I255-01	.00028	.69818	.00550	-.00081	29.848	1.6125	-.00014	.00352	.34915	-.00106	I255-01
117	I255-01M	.51012	5.6628	.48273	-.00130	78.403	2.3812	.49446	.50288	53.299	.52218	I255-01M
118	I255-01S	.55436	6.2417	.52100	-.00168	86.375	2.5855	.54683	.54143	58.921	.57433	I255-01S
119	I255-02	.00061	.00513	.00343	.00098	.61212	.19499	.00055	.00348	.71516	-.00017	I255-02
120	CCV10	2.5020	23.961	2.4067	.54082	53.496*	2.3272	2.5364	2.5460	63.787	1.0372	CCV10
121	CCB10	.00018	-.00103	.00017	.00045	.00106	-.00001	.00059	.00006	.06605	-.00078	CCB10
122	I305-02	.00134	3.9405	.01542	.01091	107.27	.60869	-.00058	.00057	21.983	-.00163	I305-02
123	I305-02M	.57254	9.2508	.53000	.01178	156.04	1.1115	.57104	.54468	84.026	.61338	I305-02M
124	I305-02S	.55544	8.8059	.52343	.01131	153.78	1.0789	.55719	.53982	82.375	.58892	I305-02S
125	I304-03T	.00067	.20119	.00287	.01046	11.454	.00339	.00200	.00061	6.2294	.00101	I304-03T
126	I304-04T	.00160	.18348	.00060	.01055	11.851	.00320	.00488	.00013	9.3448	.00206	I304-04T
127	I304-03	.00152	.21964	.01536	.06027	63.026	.00372	.00819	.00229	37.736	.00274	I304-03
128	I304-04	.00091	.32761	.00107	.05653	58.125	.00673	.02104	-.00074	50.684	.00126	I304-04
129	ICSA2	.00145	179.44	-.00078	-.00704	176.35	.00109	-.00170	-.00027	.25355	-.00391	ICSA2
130	ICSA82	.51034	180.20	.91023	1.1376	177.03	.44057	1.0258	.98761	84.298	1.0454	ICSA82
131	CCV11	2.5626	24.641	2.4609	.55744*	53.530*	2.3671	2.6206	2.6202	66.466*	1.0777	CCV11
132	CCB11	.00006	.00081	.00040	.00019	.00325	.00002	.00055	.00007	.09602	-.00049	CCB11
133	IPI098WQ	-.00004	.00171	.00030	-.00013	.00804	.00012	.00012	.00052	.03684	-.00111	IPI09BWQ
134	IPI098WX	.53963	5.5355	.54168	-.00098*	46.026	.51557	.51617	.56568	54.979	.56303	IPI098WX
135	IPI098WY	.51940	5.2749	.52655	-.00107*	46.879	.49469	.55373	.55360	55.940	.53717	IPI098WY
136	I487-13A	.74454	7.1057	.69651	.00268	46.707	.65190	.54914	.69609	64.477	.88298	I487-13A
137	I487-13W	.03987	.11065	.00949	.00329	1.5654	.00235	.00065	.00421	8.0198	.00989	I487-13W
138	I487-13J	.02624	.02219	.00292	.00116	.30173	.00056	.00010	.00093	1.5169	.00174	I487-13J
139	I487-07A	18.091	34.976	.63164	.76994	47.447	3.5181	.53378	.61514	60.697	.58644	I487-07A
140	I487-07W	16.785	28.871	.12448	.74441	2.5894	3.0936	.00957	.10934	5.6489	.00072	I487-07W
141	I487-07J	3.2164	5.3503	.02292	.14617	.51449	.62172	.00176	.02110	1.1315	.00000	I487-07J
142	CCV12	2.5797	24.732	2.4648	.56148*	53.253*	2.3771	2.6321	2.6196	67.115*	1.0911	CCV12
143	CCB12	.00028	.00224	.00032	.00060	.00166	.00026	.00050	.00002	.03992	-.00008	CCB12
144	I487-05T	.14597	5.3798	.17986	.00347	.74421	.06193	.02999	.19792	.62196	.00137	I487-05T
145	I487-07T	3.3792	5.6279	.02410	.15334	.53833	.65111	.00191	.02201	1.1718	-.00017	I487-07T
146	I487-37T	.01227	6.5913	.00747	.00035	.10845	.02541	.00137	.00531	.18034	.00135	I487-37T
147	I487-18T	4.1245	4.0594	.15470	.00259	1.7715	.04882	.01140	.19135	.23554	-.00064	I487-18T
148	I487-34T	4.3719	4.3480	1.0569	.00395	1.4198	.26309	.01359	.02910	3.4890	.00007	I487-34T
149	I144-05T	.01386	3.9540	.00215	.00051	.10932	.00831	.00058	.00046	.57023	.00045	I144-05T
150	I144-10T	.00712	108.32	.00293	.00034	.10599	.01400	.00362	.00778	.32464	-.00034	I144-10T
151	I144-11T	.00688	112.42	.00272	.00044	.10134	.01465	.00380	.00769	.33420	-.00020	I144-11T
152	CCV13	2.5395	24.459	2.4693	.56165*	53.682*	2.3708	2.6267	2.6132	66.676*	1.0733	CCV13
153	CCB13	.00016	.00155	.00011	.00054	.00074	.00002	.00116*	.00013	.03318	-.00087	CCB13
154	IPI095W8	.00023	.00429	.00012	-.00031	.00830	.00028	.00015	.00064	.00883	-.00132	IPI095WB
155	IPI095WL	.52549	5.3528	.51495	-.00119*	45.844	.49780	.51701	.53769	56.609	.55637	IPI095WL
156	IPI095WC	.48079	4.9195	.47875	-.00135*	43.696	.45900	.48609	.49785	53.345	.51262	IPI095WC
157	TXI008SB	.00002	.00346	.00034	.00046	.08892	.00011	.00065	.00096	.22322*	.00153	TXI008SB
158	I785-01A	.45344	4.2088	.40930	-.00017	41.334	.62927	.41520	.40917	53.430	.48024	I785-01A
159	I785-01	.02809	.02259	.00127	.00050	7.2070	.31384	.00405	.00634	9.7153	.00263	I785-01
160	I785-01J	.00589	.00672	.00037	-.00034	1.4997	.06511	.00093	.00160	1.9185	.00006	I785-01J
161	I785-01M	.54596	5.1266	.49610	-.00061	54.840	.78783	.54574	.52870	71.156	.57758	I785-01M
162	I785-01S	.55675	5.0520	.50564	-.00058	54.340	.83434	.55677	.53951	70.973	.58875	I785-01S
163	I518-02	.08966	.30919	.00496	.00517	1.3036	.02037	.00080	.03406	2.2008	.00185	I518-02
164	CCV14	2.5833	24.603	2.4585	.56800*	53.110*	2.3763	2.6271	2.6082	67.783*	1.0865	CCV14
165	CCB14	.00030	.00302	.00026	.00071	.00067	.00007	.00115*	.00009	.06201	-.00108	CCB14
166	H209-02	.04515	.01129	.01482	-.00037	2.8297	.80745	.00090	.01174	2.9184	.00150	H209-02
167	I785-01A	.52271	5.1373	.51226	-.00028	48.350	.54524	.53104	.50494	60.068	.54686	I785-01A
168	I785-01T	.00571	.00895	.00039	-.00019	1.4427	.06249	.00115	.00183	1.8317	.00088	I785-01T

169	I785-01J	.00116	.00146	.00039	.00008	.30569	.01306	.00027	.00035	.39453	.00027	I785-01J
170	ICSA3	.00243	182.93	-.00169	-.00724	175.40	.00580	-.00171	-.00004	.06728	-.00292	ICSA3
171	ICSAB3	.51364	179.43	.90919	1.1612	173.88	.44020	1.0327	.98310	86.289	1.0525	ICSAB3
172	CCV15	2.5768	24.641	2.4582	.56578*	53.145*	2.3617	2.6263	2.6115	67.499*	1.0860	CCV15
173	CCB15	.00011	.00120	.00046	.00043	.00526	.00010	.00126*	.00007	.07145	-.00038	CCB15
174	IPI092SB	.00022	.00953	.00030	-.00050	.00942	.00020	.00023	.00038	.03549	-.00092	IPI092SB
175	IPI092SL	.43992	4.4171	.44585	-.00056*	39.872*	.42087	.49129	.47597	48.737	.44756	IPI092SL
176	IPI092SC	.48938	4.9124	.49443	-.00058*	43.833	.46703	.54031	.52884	53.754	.49940	IPI092SC
177	I222-05A	.59639	22.199	.81021	.00489	46.728	.68822	.55553	.55924	58.813	.54564	I222-05A
178	I222-05	.05613	17.564	.29340	.00572	2.0790	.19152	.00947	.03087	3.0936	.00133	I222-05
179	I222-05J	.01110	3.5557	.05868	.00102	.41578	.03830	.00178	.00604	.63198	-.00026	I222-05J
180	I222-05M	.55772	22.387	.76156	.00521	46.851	.72434	.54776	.55778	57.503	.49415	I222-05M
181	I222-05S	.56042	24.673	.75508	.00543	46.943	.66414	.54280	.55758	57.726	.49422	I222-05S
182	I384-01	.07125	289.06	1.5963	.05081	14.713	2.5485	.00568	.07840	17.596	.00242	I384-01
183	I384-02	.03244	331.69	.09686	.02216	10.042	.84784	.00457	.05568	10.641	.00268	I384-02
184	CCV16	2.5545	24.711	2.4558	.56484*	53.773*	2.3560	2.6139	2.6029	67.278*	1.0741	CCV16
185	CCB16	.00009	.00271	.00045	.00037	.00088	.00020	.00144*	.00014	.03749	-.00012	CCB16
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

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INDX	LSID	Mg	Na	Sr	Ti	Se	Ti	V	Zn	LSID
1	Blank	.00011	.00062	-.00009	-.00024	.00031	.0001	-.00027	.00035	Blank
2	S20									S20
3	S21									S21
4	S22							.17120		S22
5	S23							1.5675		S23
6	S24		.93714							S24
7	S25		5.5098							S25
8	S26									S26
9	S27									S27
10	S28				.12438					S28
11	S29				1.2078					S29
12	S30	.04569		.12639		.02479	.01454		.59128	S30
13	S31	.20829		.62155		.12053	.07247		5.7179	S31
14	ICV	48510	62.311	46865	2.3997	.52324	49748	1.4611	2.6681	ICV
15	ICB	-.00002	.02181	-.00002	.00035	.00019	.00073	.00004	.00124	ICB
16	MRL3101	.01343	1.0553	.01045	.01107	.00115	.01072	.01066	.01231*	MRL3101
17	MRL3102	.00940	.53531	.01043	.01031	.01024	.01012	.01022	.01094*	MRL3102
18	7777	.00317	.06754	.00061	-.00177	.00170	.00119	-.00039	.00126	7777
19	ICSA1	.00305	.06784	.00054	-.00158	.00154	.00138	-.00045	.00195	ICSA1
20	ICSAB1	1.0667	62.684	.48533	.37844	.56184	.46234	.48270	1.0447	ICSAB1
21	CCV1	.49530	62.563	.46759	2.4000	.52274	.49724	1.4864	2.6827	CCV1
22	CCB1	.00005	.02420	.00034	.00082	.00020	.00079	-.00004	.00275	CCB1
23	1176-02I	-.00008	268.35	.12608	.00035	.00094	.00100	.00076	.00201	1176-02I
24	1176-04I	.00007	312.32	.09415	-.00030	.00012	.00095	.00012	.00036	1176-04I
25	1176-06I	-.00002	215.34	.08996	-.00027	-.00006	.00071	.00060	.00197	1176-06I
26	1176-08W	-.00003	112.10	.07647	-.00031	.00053	.02766	.00843	.02727	1176-08W
27	1176-10I	-.00008	149.52	.07230	-.00041	.00028	.00011	.00282	.00154	1176-10I
28	1176-12I	.00010	222.19	.04361	.00044	.00035	.00056	-.00034	.00334	1176-12I
29	1176-14W	.00003	371.67	.12562	-.00060	.00301	.06765	.00899	.01257	1176-14W
30	1176-16I	-.00006	269.07	.03355	-.00025	-.00006	.00079	.00022	.00409	1176-16I
31	1176-18I	.00002	269.65	.00473	-.00066	.00023	.00053	.00014	.00514	1176-18I
32	7777	.00670	63.655	.45453	2.4254	.50156	.49276	1.4891	2.6352	CCV2
33	CCB2	-.00008	.02479	.00001	.00071	.00013	.00002	.00008	.00167	CCB2
34	IPC393W3	.00027	.05569	.00007	.00104	-.00032	.00029	.00011	.00264	IPC393W3
35	IPC393W1	.03471	54.087	.48652	.52369	.50523	.51177	.52857	.57164	IPC393W1
36	IPC393W2	.01271	52.563	.46585	.47910	.48249	.49480	.49875	.53056	IPC393W2
37	1194-01A	.53131	16.61	1.0404	.53113	.51126	.54423	.54947	.61252	1194-01A
38	1194-01	-.00015	103.31	.61134	-.00014	.00224	.00334	.00757	.00557	1194-01
39	1194-01D	-.00015	21.598	.10718	-.00011	.00032	.00139	.00153	.00731	1194-01D
40	1194-02	-.00015	106.14	.53908	-.00058	.00017	.00355	.00544	.00363	1194-02
41	1194-03	-.00011	136.15	.51777	-.00036	.00024	.00392	.01010	.01203	1194-03
42	1194-04	-.00021	103.46	.46208	-.00093	.00004	.00329	.01885	.00876	1194-04
43	1177-01I	-.00019	798.34*	.10291	-.00456	.00116	.00816	.00341	.01843	1177-01I
44	CCV3	.50712	63.737	.45513	2.4502	.50763	.49369	1.4704	2.6216	CCV3
45	CCB3	-.00005	.12289*	.00001	.00075	.00007	.00052	.00001	.00148	CCB3
46	1284-03T	.00019	227.00	.18643	.00679	-.00051	.00639	.00134	-.00265	1284-03T
47	1284-04T	.00016	216.28	.17493	.00527	-.00011	.00410	.00070	-.00733	1284-04T
48	1284-05T	.00043	228.79	.16573	.00742	-.00018	.00960	.00245	-.00397	1284-05T
49	1284-07T	.00018	207.97	.14467	.00495	.00038	.00626	.00143	.00098	1284-07T
50	1284-03	.03143	1034.2*	.87122	.03928	-.00214	.02355	.00533	-.05311*	1284-03
51	1284-04	.03135	1054.6*	.88484	.03977	-.00261	.02366	.00521	-.04301*	1284-04
52	1284-05	.03163	1077.3*	.81426	.01532	-.00023	.02351	.00549	-.06375*	1284-05
53	1284-07	.03129	1004.9*	.78380	.03138	-.00251	.01718	.00599	-.04317*	1284-07
54	CCV4	.51230	64.528	.45944	2.4363	.49866	.48587	1.4384	2.6183	CCV4

55	CCB4	-.00008	.25270*	-.00004	.00042	.00038	.00029	-.00005	.00127	CCB4
56	IPI094WB	.00008	.16821*	.00002	.00111	-.00032	.00022	.00004	.00223	IPI094WB
57	IPI094WL	.52927	54.818	.48892	.52791	.50589	.51234	.52472	.57079	IPI094WL
58	IPI094WC	.51295	52.510	.46447	.49031	.47601	.48487	.49544	.52303	IPI094WC
59	I246-02A	.54172	169.18	1.5721	.52849	.50382	.50812	.54229	.57757	I246-02A
60	I246-02	-.00014	115.68	1.1027	.00040	.00151	.00339	-.00022	.00494	I246-02
61	I246-02J	-.00009	23.062	.22105	-.00001	.00102	.00135	-.00016	.00135	I246-02J
62	I246-02M	.55158	174.17	1.5986	.48079	.50677	.50712	.51559	.54117	I246-02M
63	I246-02S	.56671	173.67	1.6127	.50683	.53500	.53794	.53081	.56265	I246-02S
64	I246-03	-.00012	122.80	1.9995	.00018	.00215	.00419	-.00027	.00351	I246-03
65	I246-04	-.00011	122.96	2.0054	.00074	.00028	.00401	-.00034	.00979	I246-04
66	CCV5	.51691	64.784	.50090	2.4390	.49866	.48812	1.5041	2.6294	CCV5
67	CCB5	-.00015	.12771*	-.00003	.00049	.00006	.00030	.00002	.00141	CCB5
68	I246-05	-.00028	440.06	3.9079	-.00015	-.00039	.00174	-.00038	.00446	I246-05
69	I246-06	-.00043	451.84	4.5607	-.00059	.00001	-.00054	-.00051	.00152	I246-06
70	I246-07	-.00025	455.89	4.5721	-.00028	-.00018	-.00069	-.00047	.00328	I246-07
71	I230-01	.00017	15.785	.02336	.00045	-.00012	.00051	.00021	.02559	I230-01
72	I230-02	.00007	8.4790	.11716	.00096	.00115	.00275	.00152	.53821	I230-02
73	I230-03	.00001	8.3303	.02005	.00062	-.00025	.00028	.00028	.01380	I230-03
74	I230-04	.00013	8.4166	.11701	.00103	.00157	.00272	.00132	.53500	I230-04
75	I230-05	.00003	.10408	.00017	-.00032	.04438	.00014	.00001	.00984	I230-05
76	CCV6	.50164	64.468	.49811	2.4502	.50302	.49090	1.4756	2.6214	CCV6
77	CCB6	-.00001	.14000*	-.00001	.00042	.00007	.00011	-.00003	.00144	CCB6
78	I230-01	.00018	15.190	.02202	.00111	.00036	.00053	.00026	.02334	I230-01
79	I230-02	.00028	8.2351	.11435	.00098	.00151	.00161	.00014	.52423	I230-02
80	I230-03	-.00007	8.0800	.01863	.00034	-.00008	.00040	-.00016	.00942	I230-03
81	I230-04	.00023	8.1832	.11391	.00087	.00118	.00159	.00002	.50958	I230-04
82	I230-05	.00007	.09628	.00016	.00020	.00741	.00011	.00019	.00387	I230-05
83	I338-01	.00001	42.751	.63873	-.00058	-.00019	.00262	.00689	.00833	I338-01
84	I188-02	.00003	1.2914	.00128	.00014	.00010	.00027	.00007	.00219	I188-02
85	I509-01A	.48989	100.48	.48710	.52879	.51391	.50676	.53703	.61281	I509-01A
86	I509-01I	-.00009	45.875	.00041	-.01311*	.00405	.00050	.00098	.01811	I509-01I
87	I509-01J	-.00006	9.4871	.00008	-.00316	.00072	.00012	.00008	.00358	I509-01J
88	CCV7	.51071	64.964	.50002	2.4482	.50019	.48877	1.4895	2.6161	CCV7
89	CCB7	-.00009	.08103	.00003	.00084	-.00011	.00035	-.00001	.00129	CCB7
90	IPI097WB	.00017	.03189	.00004	.00097	-.00019	.00008	.00002	.00050	IPI097WB
91	IPI097WL	.56206	54.832	.48948	.54951	.49397	.50224	.54791	.57171	IPI097WL
92	IPI097WC	.55012	57.014	.51833	.53260	.53143	.53227	.54059	.56177	IPI097WC
93	I245-05A	.55350	283.86	1.2117	.52550	.51019	.50976	.56971	.59754	I245-05A
94	I245-05	.00025	230.86	.73027	-.00006	.00218	.00321	.02188	.02187	I245-05
95	I245-05J	-.00009	45.768	.14537	-.00048	.00074	.00105	.00410	.00430	I245-05J
96	I245-05M	.56505	274.04	1.2221	.49817	.53280	.53280	.54036	.56436	I245-05M
97	I245-05S	.56211	279.90	1.2352	.49471	.53119	.52992	.54148	.56763	I245-05S
98	I245-01	-.00002	147.88	.28052	-.00010	.00250	.00275	.02247	.00089	I245-01
99	I245-02	-.00006	145.10	.27023	-.00022	.00043	.00199	.02294	.00168	I245-02
100	CCV8	.51106	65.102	.50160	2.4495	.49973	.48885	1.4941	2.6353	CCV8
101	CCB8	-.00006	.12246*	.00002	-.00004	-.00004	.00056	-.00012	.00138	CCB8
102	I245-03	.00003	209.97	.32257	-.00030	.00032	.00243	.02243	.01172	I245-03
103	I245-04	-.00008	227.45	.37091	.00007	.00029	.00232	.02175	.00663	I245-04
104	I270-02	-.00002	482.55	.85479	-.00099	-.00013	.00346	.05088	.00423	I270-02
105	I270-03	-.00027	853.62*	2.7719	-.00117	-.00033	.00056	.02443	.00271	I270-03
106	I270-04	-.00015	828.98*	1.8705	-.00019	.00028	.00371	.02926	.00922	I270-04
107	I270-05	.00001	787.37*	1.5884	.00018	.00024	.00404	.03671	.01119	I270-05
108	I270-07	-.00005	538.59*	.63711	-.00053	-.00004	.00375	.01773	.00535	I270-07
109	I270-08	-.00007	723.94*	1.2547	-.00086	-.00023	.00369	.04082	.00412	I270-08
110	CCV9	.50450	65.855	.50226	2.4436	.49767	.49068	1.4908	2.6630	CCV9
111	CCB9	.00003	.28601*	.00000	.00023	.00026	.00051	-.00009	.00138	CCB9

112	I255-01	.00019	149.16	.13282	.00060	.00078	.00331	-.00009	.01335	I255-01
113	I255-01M	.54766	195.58	.61878	.50243	.50687	.51022	.52143	.56412	I255-01M
114	I255-01S	.48517	199.06	.63428	.51160	.51299	.52904	.52165	.57181	I255-01S
115	I255-02	.00005	1.4477	.00354	.00068	.00547	.02778	.00380	.00869	I255-02
116	I255-01	.00017	110.72	.09957	.00160	.00103	.00214	-.00008	.01100	I255-01
117	I255-01M	.52001	183.24	.58518	.47628	.47167	.47671	.49429	.54706	I255-01M
118	I255-01S	.57289	201.37	.65477	.51498	.53010	.53495	.54132	.58902	I255-01S
119	I255-02	.00011	1.4648	.00331	.00089	.00273	.00070	.00000	.00868	I255-02
120	CCV10	.49646	65.211	.49702	2.4100	.49569	.48733	1.4840	2.6758	CCV10
121	CCB10	-.00005	.15482*	-.00003	.00104	.00036	.00049	-.00005	-.00033	CCB10
122	I305-02	-.00035	617.61	5.1759	.00026	-.00068	-.00009	-.00037	.00201	I305-02
123	I305-02M	.62389	682.85*	5.8341	.49149	.53854	.53341	.54959	.59429	I305-02M
124	I305-02S	.59489	651.74	5.6033	.48762	.52129	.51717	.52923	.58250	I305-02S
125	I304-03T	.00024	207.06	.20003	.00465	.00035	.00684	.00266	.00336	I304-03T
126	I304-04T	.00021	225.24	.12197	.00680	.00009	.00779	.00294	-.00425	I304-04T
127	I304-03	.00107	1078.1*	1.0774	.02450	-.00225	.01455	.01137	-.02848*	I304-03
128	I304-04	.00157	1032.3*	.58774	.03704	-.00172	.01879	.01345	-.04871*	I304-04
129	ICSA2	.00009	.87082	.00089	-.00215	.00106	.00169	-.00047	.00145	ICSA2
130	ICSAB2	1.0421	86.193	.49696	.89874	.95522	.95053	.47530	1.0469	ICSAB2
131	CCV11	.51212	67.518*	.51567	2.4775	.50404	.49344	1.5342	2.7632*	CCV11
132	CCB11	-.00006	.21101*	-.00005	.00041	.00011	.00041	-.00002	.00013	CCB11
133	IPI098WQ	.00014	.08686	.00004	.00115	-.00059	.00018	-.00010	.00072	IPI098WQ
134	IPI098WX	.54773	55.927	.49253	.54655	.49800	.50490	.55551	.60235*	IPI098WX
135	IPI098WY	.52232	57.039	.51519	.52963	.53221	.53304	.53425	.58292	IPI098WY
136	I487-13A	.68658	380.66	.55855	.67886	.80960	.51180	.71768	1.3729	I487-13A
137	I487-13W	.00016	340.22	.06428	-.00581*	.30674	.00314	.00048	.57764	I487-13W
138	I487-13J	-.00001	68.981	.01254	-.00086	.05995	.00034	.00000	.12143	I487-13J
139	I487-07A	.55363	56.797	3.1307	.50240	.52873	13.145	.67746	4.5460	I487-07A
140	I487-07W	.00498	.69227	2.6599	-.00933*	.03764	12.802	.07991	3.9848	I487-07W
141	I487-07J	.00095	.18878	.52740	-.00214	.00742	2.5278	.01447	.76517	I487-07J
142	CCV12	.51803	68.167*	.51906	2.4900	.50392	.49435	1.5424	2.7673*	CCV12
143	CCB12	-.00001	.08761	.00006	.00044	.00010	.00133	-.00009	.00235	CCB12
144	I487-05T	.00119	4.1157	.03899	-.00080	.01987	.10405	.00739	.46333	I487-05T
145	I487-07T	.00077	.17905	.55189	-.00176	.00736	2.6271	.01515	.80299	I487-07T
146	I487-37T	.00003	.76338	.00245	-.00108	.00682	.01410	.00070	.09428	I487-37T
147	I487-18T	.00335	.92171	.13100	.00020	.43863	.03994	.00113	3.2196	I487-18T
148	I487-34T	.00073	.98500	.04884	-.00055	.04472	.19340	.00769	.64275	I487-34T
149	I144-05T	-.00001	1.8581	.28291	-.00032	.02856	.08243	.00161	.00748	I144-05T
150	I144-10T	.00048	2.3176	.01091	-.00037	.00722	.08884	.10040	.00842	I144-10T
151	I144-11T	.00046	2.3825	.01079	.00021	.00746	.09316	.10221	.00803	I144-11T
152	CCV13	.50654	67.895*	.51490	2.4834	.50299	.49438	1.5220	2.7729*	CCV13
153	CCB13	-.00003	.04167	-.00001	.00097	.00035	.00062	.00000	.00121	CCB13
154	IPI095WB	.00004	.03888	.00010	.00109	-.00020	.00007	.00013	.00243	IPI095WB
155	IPI095WL	.54109	57.746	.49919	.52422	.49523	.49797	.54119	.59062	IPI095WL
156	IPI095WC	.50003	54.287	.46849	.48637	.46950	.47355	.49404	.53810	IPI095WC
157	TXI008SB	.00002	330.80*	.00434*	-.00062	.00069	.00051	.00020	.00083	TXI008SB
158	I785-01A	.41773	289.84	.45502	.40384	.38510	.38955	.43069	.65665	I785-01A
159	I785-01	.00013	314.79	.09113	-.00058	.00070	.00304	.00120	.24254	I785-01
160	I785-01J	-.00001	65.953	.01867	.00028	.00031	.00054	.00030	.04917	I785-01J
161	I785-01M	.54149	379.88	.60194	.48754	.50850	.51340	.51981	.81766	I785-01M
162	I785-01S	.54514	414.13	.61823	.49580	.51305	.51961	.52048	.85891	I785-01S
163	I518-02	.00003	310.89	.08755	-.00144	.00172	.00157	.00013	5.4556	I518-02
164	CCV14	.51875	68.927*	.52105	2.4939	.50052	.49080	1.5372	2.7633*	CCV14
165	CCB14	.00010	.16115*	.00004	.00093	-.00002	.00068	-.00005	.00085	CCB14
166	H209-02	.00000	331.13	.36025	-.00109	.00024	.00377	.00093	.48697	H209-02
167	I785-01A	.48637	123.11	.51145	.51622	.49876	.50254	.52258	.62461	I785-01A
168	I785-01T	.00005	63.087	.01805	.00047	.00032	.00087	.00073	.04762	I785-01T

169	1785-010	-.00030	13.236	.00369	.02001	.00012	-.00001	.00012	.00563	1785-010
170	1C9A3	.00100	.27277	.00121	.00204	.00170	.00062	-.00079	.00191	1C9A3
171	1C9A32	1.00549	87.898	.50274	.90558	.94116	.53998	.47580	1.0437	1C9A32
172	00915	.51765	68.492*	.51975	2.4910	.50034	.49211	1.5398	2.7614*	00915
173	00916	.00000	.11495*	-.00036	.00116	-.00022	.00055	-.00011	.00328	00916
174	1P109258	.00015	.96533	.00003	.00112	.00456	-.00008	.00006	.00211	1P109258
175	1P109251	.43505	49.931	.44397	.44784	.47279	.44980	.45444	.50945	1P109251
176	1P109250	.48415	55.113	.48784	.49785	.51361	.49631	.50259	.56542	1P109250
177	1222-054	.49986	57.327	.56372	.50677	.54192	.85262	.52859	9.0768	1222-054
178	1222-05	-.00809	.40736	.26762	-.00374	.04031	.35310	.02643	2.4642	1222-05
179	1222-050	.00804	.12990	.01346	.00329	.00865	.07392	.00525	1.6650	1222-050
180	1222-054	.48365	56.368	.54112	.49117	.52415	.76633	.53180	9.5105	1222-054
181	1222-055	.47386	56.419	.52574	.49451	.52138	.74835	.52489	9.4313	1222-055
182	1384-01	.00169	2.3707	.14023	-.00124	.04244	6.1465	.00036	.33924	1384-01
183	1384-02	.00181	2.0957	.04975	-.00263	.04163	6.0601	1.2719	.11558	1384-02
184	00916	.51632	68.354*	.51552	2.4851	.52340	.49546	1.5390	2.7609*	00916
185	00816	.00000	.03334	-.00301	.00086	.00025	.00385	.00014	.00023	00816
1900	LSID	Ag	Na	Sr	Ti	Sn	Ta	V	Zn	LSID

[00103] Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (ml)	pH	Extract Volume (ml)
01	TPT094-WB	50	—	50
02	↓ -WC	50	—	50
03	↓ -WC	50	—	50
04	T188-02	50	<2	50
05	T246-02 MS	50	<2	50
06	-02 S	50	<2	50
07	-03	50	<2	50
08	-04	50	<2	50
09	-05	50	<2	50
10	-06	50	<2	50
11	↓ -07	50	<2	50
12	T239-01 TOTAL	50	<2	50
13	-02	50	<2	50
14	-03	50	<2	50
15	-04	50	<2	50
16	-05 ↓	50	<2	50
17	01 DISS	50	<2	50
18	-02	50	<2	50
19	-03	50	<2	50
20	-04	50	<2	50
21	↓ -05 ↓	50	<2	50
22	T338-01	50	<2	50
23	TXT007-WB TCLP	10	<2	50
24	T509-01	10	<2	50
25	-01 MS	10	<2	50
26	↓ -01 S ↓	10	<2	50
27				
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38				
39				
40				

9-28-10

Book#: EIP-092
Batch: TPT 094-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☐ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-28-10	10:45	90°c
END	9-28-10	14:45	90°c

Standards	ID	Amount Added (ml)
LCS -1	SMIA-013-01-28	0.25
LCS -2	↓ - ↓ - ↓ -29	0.25
LCS -3	↓ - ↓ - ↓ -30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWIA-09-260	1.5+15
HCl	SWIA-↓-221	2.5+25
H_2O_2	N/A	
HNO_3(1:1)	↓	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMS-A-02-052

☐ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☑ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Digestion Block E
Thermometer ID 80530677

Prepared By: MC

Standard Added By: MC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9/28/

Date endorsed to waste Disposal:

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I246

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 300.0
ANIONS BY IC

A total of seven (7) water samples were received on 09/16/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI045WL/C were all within QC limits.
Percent recoveries for ICI047WL/C were all within QC limits.
Percent recoveries for ICI051WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I246-02M/S were within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample I246-01 was initially analyzed at DF 2 for Bromide, Nitrate-N and Nitrite-N due to strong odor.
Sample I246-06 and -07 were reported from DF 2 for Nitrite-N due to matrix interference.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1045WB	ND	1	NA	0.500	0.250	09/16/1022:26	NA	A121-45	A121-43	IC1045W	NA	NA
LCS1W	IC1045WL	5.02	1	NA	0.500	0.250	09/16/1022:42	NA	A121-46	A121-43	IC1045W	NA	NA
LCD1W	IC1045WC	5.00	1	NA	0.500	0.250	09/16/1022:58	NA	A121-47	A121-43	IC1045W	NA	NA
MW-70-SHB113-A10	1246-01	ND	2	NA	1.00	0.500	09/16/1023:14	NA	A121-48	A121-43	IC1045W	09/15/1010:41	09/16/10
MW-70-PMW13-A10	1246-03	0.460J	1	NA	0.500	0.250	09/16/1023:47	NA	A121-50	A121-43	IC1045W	09/15/1012:35	09/16/10
MW-70-PMW13-A10-D	1246-04	0.410J	1	NA	0.500	0.250	09/17/1000:03	NA	A121-51	A121-43	IC1045W	09/15/1012:40	09/16/10
MW-70-PMW09-A10	1246-02	0.810	1	NA	0.500	0.250	09/17/1001:40	NA	A121-57	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	0.786	1	NA	0.500	0.250	09/17/1001:56	NA	A121-58	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	5.82	1	NA	0.500	0.250	09/17/1002:12	NA	A121-59	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-02S	5.86	1	NA	0.500	0.250	09/17/1002:28	NA	A121-60	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW12A-A10	1246-05	5.32	1	NA	0.500	0.250	09/17/1004:54	NA	A121-69	A121-67	IC1045W	09/16/1009:35	09/16/10
MBLK2W	IC1047WB	ND	1	NA	0.500	0.250	09/17/1010:44	NA	A123-33	A123-01	IC1047W	NA	NA
LCS2W	IC1047WL	4.94	1	NA	0.500	0.250	09/17/1011:00	NA	A123-34	A123-01	IC1047W	NA	NA
LCD2W	IC1047WC	4.94	1	NA	0.500	0.250	09/17/1011:16	NA	A123-35	A123-01	IC1047W	NA	NA
MW-70-PMW12B-A10-D	1246-06	5.82	1	NA	0.500	0.250	09/17/1011:32	NA	A123-36	A123-01	IC1047W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	5.56	1	NA	0.500	0.250	09/17/1011:49	NA	A123-37	A123-01	IC1047W	09/16/1010:45	09/16/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, LR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1051WB	ND	1	NA	0.200	0.100	09/18/1004:55	NA	A123-70	A123-68	IC1051W	NA	NA
LCS1W	IC1051WL	4.90	1	NA	0.200	0.100	09/18/1005:11	NA	A123-71	A123-68	IC1051W	NA	NA
LCD1W	IC1051WC	4.88	1	NA	0.200	0.100	09/18/1005:27	NA	A123-72	A123-68	IC1051W	NA	NA
IW-70-SHB113-A10	1246-01	350	20	NA	4.00	2.00	09/18/1005:43	NA	A123-73	A123-68	IC1051W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	1246-02	196	20	NA	4.00	2.00	09/18/1005:59	NA	A123-74	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	196	20	NA	4.00	2.00	09/18/1006:16	NA	A123-75	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	285	20	NA	4.00	2.00	09/18/1006:32	NA	A123-76	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-02S	286	20	NA	4.00	2.00	09/18/1006:48	NA	A123-77	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	321	20	NA	4.00	2.00	09/18/1007:04	NA	A123-78	A123-68	IC1051W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	324	20	NA	4.00	2.00	09/18/1007:20	NA	A123-79	A123-68	IC1051W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	1600	100	NA	20.0	10.0	09/18/1008:25	NA	A123-83	A123-80	IC1051W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	1630	100	NA	20.0	10.0	09/18/1008:41	NA	A123-84	A123-80	IC1051W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	1640	100	NA	20.0	10.0	09/18/1008:57	NA	A123-85	A123-80	IC1051W	09/16/1010:45	09/16/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	ENAH SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1045WB	ND	1	NA	0.200	0.0500	09/16/1022:26	NA	A121-45	A121-43	IC1045W	NA	NA
LCS1W	IC1045WL	1.90	1	NA	0.200	0.0500	09/16/1022:42	NA	A121-46	A121-43	IC1045W	NA	NA
LCD1W	IC1045WC	1.89	1	NA	0.200	0.0500	09/16/1022:58	NA	A121-47	A121-43	IC1045W	NA	NA
IW-70-SHB113-A10	1246-01	ND	2	NA	0.400	0.100	09/16/1023:14	NA	A121-48	A121-43	IC1045W	09/15/1010:41	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	0.200	0.0500	09/16/1023:47	NA	A121-50	A121-43	IC1045W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	0.200	0.0500	09/17/1000:03	NA	A121-51	A121-43	IC1045W	09/15/1012:40	09/16/10
MW-70-PMW09-A10	1246-02	ND	1	NA	0.200	0.0500	09/17/1001:40	NA	A121-57	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	ND	1	NA	0.200	0.0500	09/17/1001:56	NA	A121-58	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	1.93	1	NA	0.200	0.0500	09/17/1002:12	NA	A121-59	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-02S	1.93	1	NA	0.200	0.0500	09/17/1002:28	NA	A121-60	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	0.200	0.0500	09/17/1004:54	NA	A121-69	A121-67	IC1045W	09/16/1009:35	09/16/10
MBLK2W	IC1047WB	ND	1	NA	0.200	0.0500	09/17/1010:44	NA	A123-03	A123-01	IC1047W	NA	NA
LCS2W	IC1047WL	1.89	1	NA	0.200	0.0500	09/17/1011:30	NA	A123-04	A123-01	IC1047W	NA	NA
LCD2W	IC1047WC	1.88	1	NA	0.200	0.0500	09/17/1011:16	NA	A123-05	A123-01	IC1047W	NA	NA
MW-70-PMW12B-A10-D	1246-06	ND	1	NA	0.200	0.0500	09/17/1011:32	NA	A123-06	A123-01	IC1047W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	ND	1	NA	0.200	0.0500	09/17/1011:49	NA	A123-07	A123-01	IC1047W	09/16/1010:45	09/16/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101266

Matrix : WATER
Instrument ID : 11C0

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOISI	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFSD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1045WB	ND	1	NA	0.200	0.0500	09/16/1022:26	NA	A121-45	A121-43	IC1045W	NA	NA
LCS1W	IC1045WL	2.00	1	NA	0.200	0.0500	09/16/1022:42	NA	A121-46	A121-43	IC1045W	NA	NA
LCD1W	IC1045WC	2.00	1	NA	0.200	0.0500	09/16/1022:58	NA	A121-47	A121-43	IC1045W	NA	NA
IW-70-SHB113-A10	1246-01	ND	2	NA	0.400	0.100	09/16/1023:14	NA	A121-48	A121-43	IC1045W	09/15/1010:41	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	0.200	0.0500	09/16/1023:47	NA	A121-50	A121-43	IC1045W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	0.200	0.0500	09/17/1000:03	NA	A121-51	A121-43	IC1045W	09/15/1012:40	09/16/10
MW-70-PMW09-A10	1246-02	ND	1	NA	0.200	0.0500	09/17/1001:40	NA	A121-57	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	ND	1	NA	0.200	0.0500	09/17/1001:56	NA	A121-58	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	2.39	1	NA	0.200	0.0500	09/17/1002:12	NA	A121-59	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-02S	2.40	1	NA	0.200	0.0500	09/17/1002:28	NA	A121-60	A121-55	IC1045W	09/15/1011:50	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	0.200	0.0500	09/17/1004:54	NA	A121-69	A121-67	IC1045W	09/16/1009:35	09/16/10
MBLK2W	IC1047WB	ND	1	NA	0.200	0.0500	09/17/1010:44	NA	A123-03	A123-01	IC1047W	NA	NA
LCS2W	IC1047WL	2.01	1	NA	0.200	0.0500	09/17/1011:00	NA	A123-04	A123-01	IC1047W	NA	NA
LCD2W	IC1047WC	2.01	1	NA	0.200	0.0500	09/17/1011:16	NA	A123-05	A123-01	IC1047W	NA	NA
MW-70-PMW28-A10-D	1246-06	ND	2	NA	0.400	0.100	09/17/1012:37	NA	A123-10	A123-01	IC1047W	09/16/1010:52	09/16/10
MW-70-PMW28-A10	1246-07	ND	2	NA	0.400	0.100	09/17/1012:53	NA	A123-11	A123-01	IC1047W	09/16/1010:45	09/16/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : J100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1051WB	ND	1	NA	0.500	0.250	09/18/1004:55	NA	A123-70	A123-68	IC1051W	NA	NA
LCS1W	IC1051W_	4.79	1	NA	0.500	0.250	09/18/1005:11	NA	A123-71	A123-68	IC1051W	NA	NA
LCD1W	IC1051WC	4.78	1	NA	0.500	0.250	09/18/1005:27	NA	A123-72	A123-68	IC1051W	NA	NA
IW-70-SHB113-A10	1246-01	ND	20	NA	10.0	5.00	09/18/1005:43	NA	A123-73	A123-68	IC1051W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	1246-02	188	20	NA	10.0	5.00	09/18/1005:59	NA	A123-74	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-020	189	20	NA	10.0	5.00	09/18/1006:16	NA	A123-75	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-024	280	20	NA	10.0	5.00	09/18/1006:32	NA	A123-76	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-025	283	20	NA	10.0	5.00	09/18/1006:48	NA	A123-77	A123-68	IC1051W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	370	20	NA	10.0	5.00	09/18/1007:04	NA	A123-78	A123-68	IC1051W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	374	20	NA	10.0	5.00	09/18/1007:20	NA	A123-79	A123-68	IC1051W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	182	20	NA	10.0	5.00	09/18/1008:09	NA	A123-82	A123-80	IC1051W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	349	100	NA	50.0	25.0	09/18/1008:41	NA	A123-84	A123-80	IC1051W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	354	100	NA	50.0	25.0	09/18/1008:57	NA	A123-85	A123-80	IC1051W	09/16/1010:45	09/16/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1045WB IC1045WL IC1045WC
LAB FILE ID: A121-45 A121-46 A121-47
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1022:26 09/16/1022:42 09/16/1022:58 DATE RECEIVED: NA
PREP. BATCH: IC1045W IC1045W IC1045W
CALIB. REF: A121-43 A121-43 A121-43

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.02	100	5.00	5.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1047WB IC1047WL IC1047WC
LAB FILE ID: A123-03 A123-04 A123-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/17/1010:44 09/17/1011:00 09/17/1011:16 DATE RECEIVED: NA
PREP. BATCH: IC1047W IC1047W IC1047W
CALIB. REF: A123-01 A123-01 A123-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	4.94	99	5.00	4.94	99	0	90-110	20

ENAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: M&S SEAL BEACH, IR SITE 7C.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MW-70-PMW09-A10
LAB SAMP ID: I246-02 I246-02M I246-02S
LAB FILE ID: AI21-57 AI21-59 AI21-60
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/17/1001:40 09/17/1002:12 09/17/1002:28 DATE RECEIVED: 09/16/10
PREP. BATCH: IC1045W IC1045W IC1045W
CALIB. REF: AI21-55 AI21-55 AI21-55

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	0.810	5.00	5.82	100	5.00	5.86	101	1	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-7C-PMW09-A1D
EMAX SAMP ID: I246-02 I246-02D
LAB FILE ID: A121-57 A121-58
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/'0 11:50
DATE ANALYZED: 09/17/1001:40 09/17/1001:56 DATE RECEIVED: 09/16/'0
PREP. BATCH: IC1045W IC1045W
CALIB. REF: A121-55 A121-55

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Bromide	0.810	0.786	3	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKTW
LAB SAMP ID: IC1051WB IC1051WL IC1051WC
LAB FILE ID: AI23-70 AI23-71 AI23-72
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/18/1004:55 09/18/1005:11 09/18/1005:27 DATE RECEIVED: NA
PREP. BATCH: IC1051W IC1051W IC1051W
CALIB. REF: AI23-68 AI23-68 AI23-68

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.90	98	5.00	4.88	98	0	90-110	20

ENAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20 20
SAMPLE ID: [illegible]-70-PMW09-A10
LAB SAMP ID: 1246-02 1246-02M 1246-02S
LAB FILE ID: A123-74 A123-76 A123-77
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/18/1005:59 09/18/1006:32 09/18/1006:48 DATE RECEIVED: 09/16/10
PREP. BATCH: IC1051W IC1051W IC1051W
CALIB. REF: A123-68 A123-68 A123-68

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	196	100	285	89	100	286	90	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 1G1246
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 20 20
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: 1246-02 1246-02D
LAB FILE ID: A123-74 A123-75
DATE EXTRACTED: NA NA | DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/18/1005:59 09/18/1036:16 | DATE RECEIVED: 09/16/10
PREP. BATCH: IC1051W 1C1051W
CALIB. REF: A123-68 A123-68

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUP. RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Chloride-Cl	196	196	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10I246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKW
LAB SAMP ID: IC1045WB IC1045WC IC1045WD
LAB FILE ID: A121-45 A121-46 A121-47
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1022:26 09/16/1022:42 09/16/1022:58 DATE RECEIVED: NA
PREP. BATCH: IC1045W IC1045W IC1045W
CALIB. REF: A121-43 A121-43 A121-43

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.90	95	2.00	1.89	95	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: 101047WB 101047WL 101047WC
LAB FILE ID: A123-03 A123-04 A123-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/17/1010:44 09/17/1011:00 09/17/1011:16 DATE RECEIVED: NA
PREP. BATCH: 101047W 101047W 101047W
CALIB. REF: A123-01 A123-01 A123-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.89	95	2.00	1.88	94	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-7D-PMW09-A10		
LAB SAMP ID:	1246-02	1246-02M	1246-02S
LAB FILE ID:	A121-57	A121-59	A121-60
DATE EXTRACTED:	NA	NA	NA
DATE ANALYZED:	09/17/1001:40	09/17/1002:12	09/17/1002:28
PREP. BATCH:	IC1045W	IC1045W	IC1045W
CALIB. REF:	A121-55	A121-55	A121-55

DATE COLLECTED: 09/15/10 11:50
DATE RECEIVED: 09/16/10

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.93	97	2.00	1.93	97	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: 1246-02 1246-02D
LAB FILE ID: A121-57 A121-58
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/17/1001:40 09/17/1001:56 DATE RECEIVED: 09/16/10
PREP. BATCH: IC1045W IC1045W
CALIB. REF: A121-55 A121-55

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrate-N	ND	ND	0	20

ENAK QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: KWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1045WB IC1045WL IC1045WC
LAB FILE ID: AI21-45 AI21-46 AI21-47
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/16/1022:26 09/16/1022:42 09/16/1022:58 DATE RECEIVED: NA
PREP. BATCH: IC1045W IC1045W IC1045W
CALIB. REF: AI21-43 AI21-43 AI21-43

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.00	100	2.00	2.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7D.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1047WB IC1047WC IC1047WC
LAB FILE ID: A123-03 A123-04 A123-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/17/1010:44 09/17/1011:00 09/17/1011:16 DATE RECEIVED: NA
PREP. BATCH: IC1047W IC1047W IC1047W
CALIB. REF: A123-01 A123-01 A123-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.01	100	2.00	2.01	100	0	90-110	20

ENAN QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: NW-70-PMW09-A'0
LAB SAMP ID: 1246-02 E246-02M 1246-02S
LAB FILE ID: A121-57 A121-59 A121-60
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/17/1001:40 09/17/1002:12 09/17/1002:28 DATE RECEIVED: 09/16/10
PREP. BATCH: IC1045W JC1345W IC1045W
CALIB. REF: A121-55 A121-55 A121-55

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.39	120	2.00	2.40	120	0	80-120	20

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EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: I246-02 I246-02D
LAB FILE ID: A121-57 A121-58
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/17/1001:40 09/17/1001:56 DATE RECEIVED: 09/16/10
PREP. BATCH: IC1045W IC1045W
CALIB. REF: A121-55 A121-55

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrite-N	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1051WB IC1051WL IC1051WC
LAB FILE ID: A123-70 A123-71 A123-72
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/18/1304:55 09/18/1005:11 09/18/1005:27 DATE RECEIVED: NA
PREP. BATCH: IC1051W IC1051W IC1051W
CALIB. REF: A123-68 A123-68 A123-68

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.79	96	5.00	4.78	96	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	20	20	20		
SAMPLE ID:	MW-70-PMW09-A10				
LAB SAMP ID:	I246-02	I246-02M	I246-02S		
LAB FILE ID:	AI23-74	AI23-76	AI23-77		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	09/15/10 11:50
DATE ANALYZED:	09/18/1005:59	09/18/1006:32	09/18/1006:48	DATE RECEIVED:	09/16/10
PREP. BATCH:	IC1051W	IC1051W	IC1051W		
CALIB. REF:	AI23-68	AI23-68	AI23-68		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	188	100	280	92	100	280	92	3	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 20 20
SAMPLE ID: MW-70-PMW09-A1D
EMAX SAMP ID: 1246-02 1246-020
LAB FILE ID: A123-74 A123-75
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/18/1005:59 09/18/1006:16 DATE RECEIVED: 09/16/10
PREP. BATCH: 101051W 101051W
CALIB. REF: A123-68 A123-68

ACCESSION:

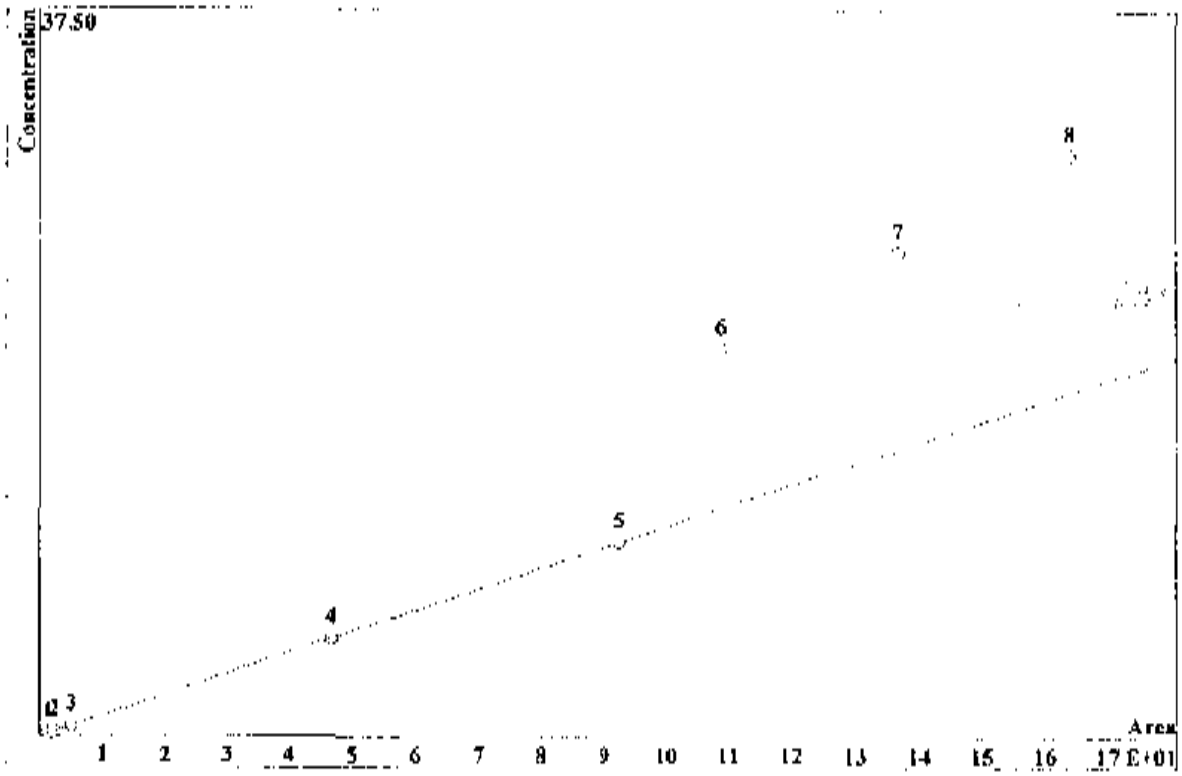
PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Sulfate	188	189	0	20

0020

INITIAL CALIBRATION

CALIBRATION OF COMPONENT bromide

Method: IC100-I01.mtw
Equation: Q = 0.108366·A - 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

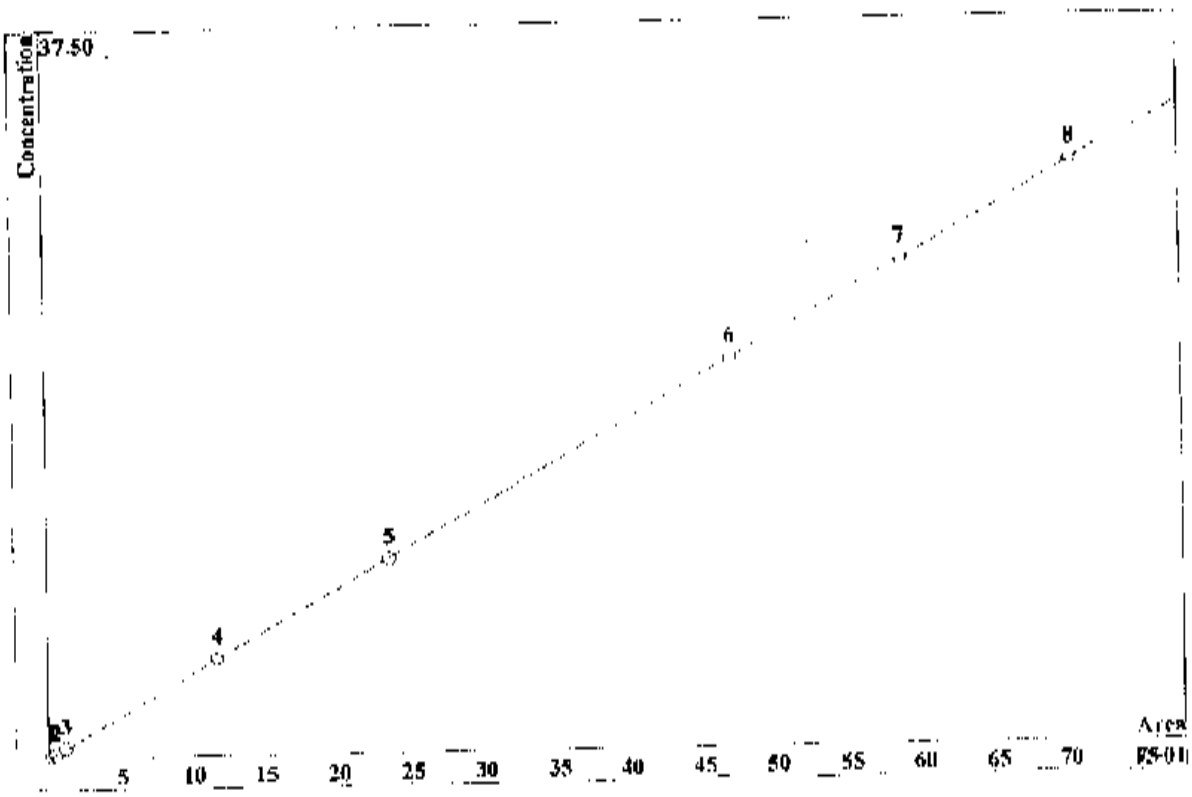
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

9/01/10

8628

CALIBRATION OF COMPONENT chloride

Method: IC100-IQ1.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



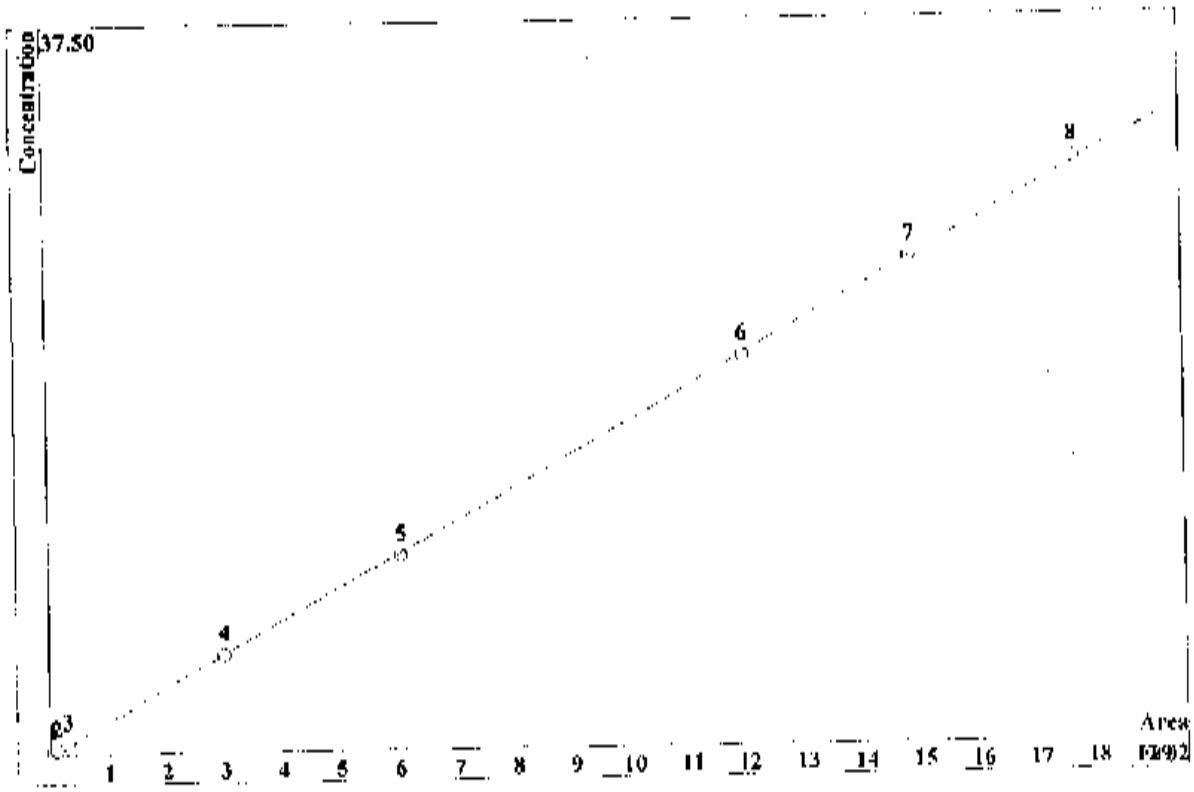
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AA
9/01/10

CALIBRATION OF COMPONENT nitrate

Method: IC100 I01.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

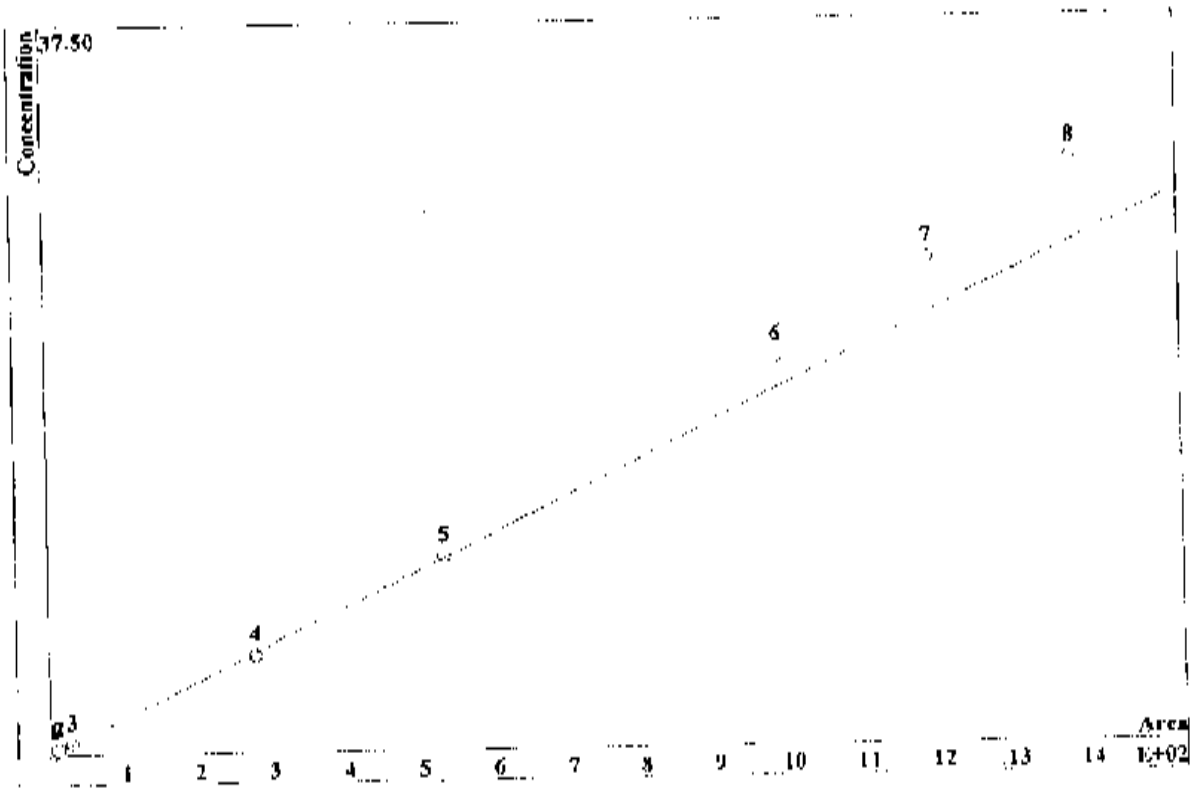
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.67	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

✓

RS
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-I01.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

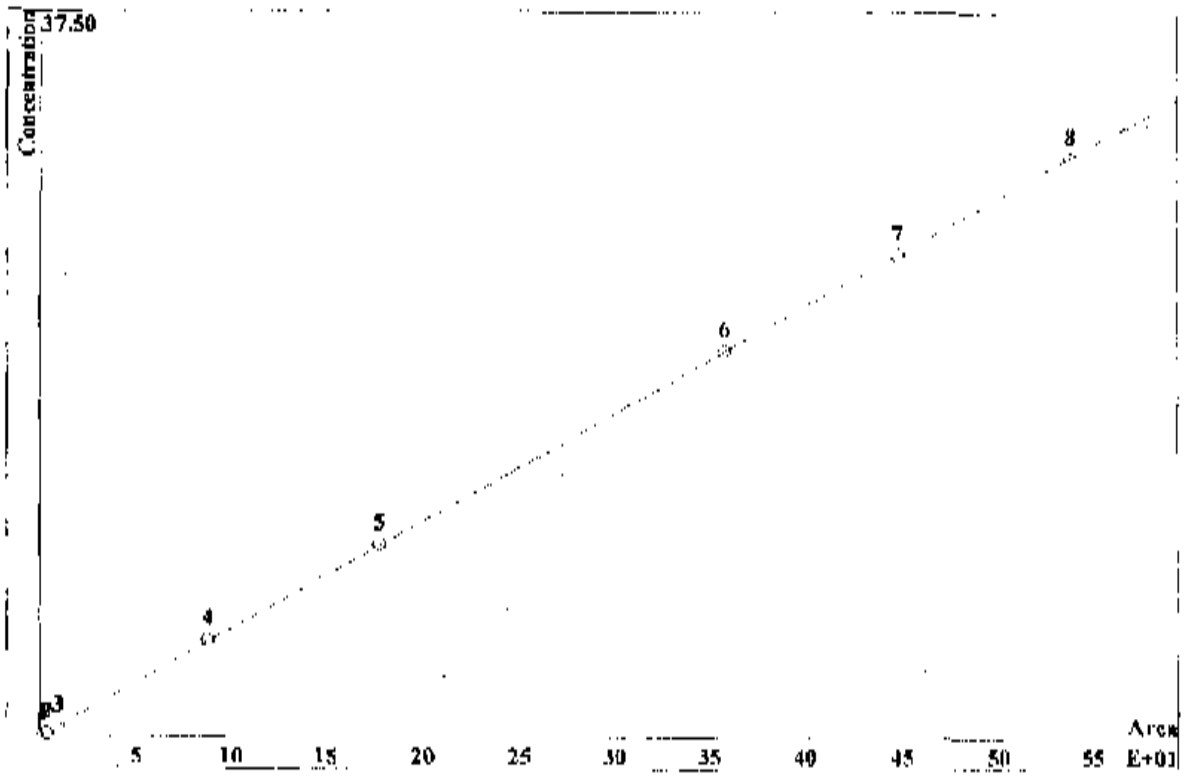
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AK 09/02/10

CALIBRATION OF COMPONENT Sulfate

Method: IC100-T01.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/A101

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
A101-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
A101-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
A101-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : 101/A101

LFID	LSID	Selection	bromide	sulfate	nitrite	nitrate	fluoride	chloride	phosphate	RawNetID	DI
A121-01	CCV141	BSINFCP	100.1%	93.9%	99.5%	92.7%	102.8%	97.4%	101%	u9161026	1
A121-02	CCB141	BSINFCP	0	0	0	0	0	0	0	u9161042	1
A121 08	CCV143	BSINFCP	101.1%	94.6%	100.2%	93.1%	102.6%	98.5%	101.4%	u9161219	1
A121-09	CCB143	BSINFCP	0	0	0	0	0	0	0	u9161235	1
A121-20	CCV145	BSINFCP	101.6%	94.8%	100.1%	93.2%	102%	98.3%	100.2%	u9161533	1
A121-21	CCB145	BSINFCP	0	0	0	0	0	0	0	u9161549	1
A121 32	CCV147	BSINFCP	101.4%	94.8%	100%	93%	101.9%	98.1%	101.4%	u9161856	1
A121 33	CCB147	BSINFCP	0	0	0	0	0	0	0	u9161912	1
A121-43	CCV149	BSINFCP	101.9%	94.9%	100.4%	93.4%	101.9%	98.4%	104.7%	u9162153	1
A121-44	CCB149	BSINFCP	0	0	0	0	0	0	0	u9162210	1
A121-55	CCV151	BSINFCP	102.2%	94.9%	100.3%	93.4%	102%	98.5%	99.8%	u9170107	1
A121 56	CCB151	BSINFCP	0	0	0	0	0	0	0	u9170124	1
A121-67	CCV153	BSINFCP	102.1%	96.3%	100.9%	93.6%	102.8%	98.9%	102.6%	u9170421	1
A121-68	CCB153	BSINFCP	0	0	0	0	0	0	0	u9170438	1
A121-75	CCV155	BSINFCP	102%	95.3%	100.6%	93.7%	102.9%	98.8%	102.7%	u9170631	1
A121-76	CCB155	BSINFCP	0	0	0	0	0	0	0	u9170647	1

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	bromide	chloride	fluoride	nitrate	nitrite	phosphate	sulfate	RawNetID	DF
AI23-01	CCV157	BCFNIPS	100.4%	97.9%	102.6%	92.8%	99%	101.4%	94.5%	u9171012	1
AI23-02	CCB157	BCFNIPS	0	0	0	0	0	0	0	u9171028	1
AI23-13	CCV159	BCFNIPS	101.7%	98.8%	102.5%	93.3%	99.6%	100.7%	95.3%	u9171326	1
AI23-14	CCB159	BCFNIPS	0	0	0	0	0	0	0	u9171342	1
AI23-25	CCV161	BCFNIPS	101.4%	98.5%	102.1%	93.1%	99.3%	103.1%	94.8%	u9171639	1
AI23-26	CCB161	BCFNIPS	0	0	0	0	0	0	0	u9171656	1
AI23-37	CCV163	BCFNIPS	101.2%	98.7%	102.4%	93%	99.2%	103%	94.4%	u9172001	1
AI23-38	CCB163	BCFNIPS	0	0	0	0	0	0	0	u9172017	1
AI23-49	CCV165	BCFNIPS	101.1%	98.7%	102.1%	93.3%	99.5%	102.1%	95.2%	u9172315	1
AI23-50	CCB165	BCFNIPS	0	0	0	0	0	0	0	u9172331	1
AI23-61	CCV167	BCFNIPS	101.2%	98.5%	102.5%	93.3%	99.4%	100.5%	95.3%	u9180229	1
AI23-62	CCB167	BCFNIPS	0	0	0	0	0	0	0	u9180246	1
AI23-68	CCV169	BCFNIPS	101.5%	98.8%	102.8%	93.7%	99.6%	101.1%	95.5%	u9180422	1
AI23-69	CCB169	BCFNIPS	0	0	0	0	0	0	0	u9180439	1
AI23-80	CCV171	BCFNIPS	101.7%	99.5%	103.1%	93.8%	100%	102.8%	95.8%	u9180736	1
AI23-81	CCB171	BCFNIPS	0	0	0	0	0	0	0	u9180753	1
AI23-88	CCV173	BCFNIPS	101.7%	99.1%	103.5%	93.9%	99.8%	101.6%	96.3%	u9180946	1
AI23-89	CCB173	BCFNIPS	0	0	0	0	0	0	0	u9181002	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A121
Method File:	IC100-101.mtw
Analytical Batch:	IC10415 ; IC10430 IC10450

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-6-2
ICV	↓ -3
CCV	STIB-15-18-3
LCS	STIB-15-14-1
MS	Refer to LCS Parent ID

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC METROHM	
☐	

IC Eluent:

SW4-01-173 (320mM Na_2CO_3 / 100mM $NaHCO_3$) 20mL → 2L

SW4-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant:

SW4-01-180 (1000mM H_2SO_4)

Pipette ID's: SW3-01-24

SW8A-02-12

SW8A-02-13

Balance ID#: 40706560

Date: 9/16/10

Analyzed By: JC

8039

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
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[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	21	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	26	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	32	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	43	1.0	1.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	5.0	1.0	100.0	0		
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[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	1.0	1.0	100.0	0		

FINAL

F2

File Name	Method	Icent	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	61	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	64	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	65	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	66	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	67	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	68	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	69	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	70	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	71	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	72	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	73	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	74	1.0	1.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible]	75	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	76	1.0	1.0	1.0	100.0	0		

3 of 11/11/1

0041

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	AI23
Method File:	IC100-101.mbw
Analytical Batch:	IC10476W IC10476W IC10516W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX 9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-4-2
ICV	↓ -3
CCV	STIB-15-14-2
LCS	STIB-15-14-3
MS	Pour Spike Refer to LCS Parent ID

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

IC Eluent:

SW4-01-173 (82.4 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 mL

SW4-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

SW4-01-180 (100 mM H_2SO_4)

Pipette ID's: SW2-01-24

SW8A-02-12

SW8A-02-13

Balance ID#: 40106600

Date: 9/17/16

Analyzed By: JC

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	40.0	1.0	100.0	0		

FINAL

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	58	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	59	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	60	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	61	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	62	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	63	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	64	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	65	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	66	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	67	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	68	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	69	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	70	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	71	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	72	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	73	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	74	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	75	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	76	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	77	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	78	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	79	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	80	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	81	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	82	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	83	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	84	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	85	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	86	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	87	1.0	40.0	1.0	100.0	0	FINAL	
[illegible]	[illegible]	[illegible]	88	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	89	1.0	1.0	1.0	100.0	0		

3= 9/26/12

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.3 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

SWM-01-173 (320 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL
SWM-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

SWM-01-120 (100 mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100 - 101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S1\18-16-6-2
ICV	S1\18-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 9/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
u9011596.chr	IC100-101.mth	AIC1-01 IB	1	1.0	1.0	1.0	100.0	0		
u9011522.chr	IC100-101.mth	AIC1-02 S0	2	1.0	1.0	1.0	100.0	0		
u9011518.chr	IC100-101.mth	AIC1-03 S1	3	1.0	1.0	1.0	100.0	1		
u9011514.chr	IC100-101.mth	AIC1-04 S2	4	1.0	1.0	1.0	100.0	2		
u9011616.chr	IC100-101.mth	AIC1-05 S3	5	1.0	1.0	1.0	100.0	3		
u9011616.chr	IC100-101.mth	AIC1-06 S4	6	1.0	1.0	1.0	100.0	4		
u9011643.chr	IC100-101.mth	AIC1-07 S5	7	1.0	1.0	1.0	100.0	5		
u9011659.chr	IC100-101.mth	AIC1-08 S6	8	1.0	1.0	1.0	100.0	6		
u9011715.chr	IC100-101.mth	AIC1-09 S7	9	1.0	1.0	1.0	100.0	7		
u9011731.chr	IC100-101.mth	AIC1-10 S8	10	1.0	1.0	1.0	100.0	8		
u9011758.chr	IC100-101.mth	AIC1-11 ICV	11	1.0	1.0	1.0	100.0	0		
u9011815.chr	IC100-101.mth	AIC1-12 ICB	12	1.0	1.0	1.0	100.0	0		

FINAL

01/08/10

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of seven (7) water samples were received on 09/16/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCI018WL/C were all within QC limits.
Percent recoveries for HCI030WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recovery for I246-02M was within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	H120003	H120001	HC1018W	NA	NA
LCD1W	HC1018WC	20.4	1	NA	1.00	0.500	09/20/1016:20	NA	H120005	H120001	HC1018W	NA	NA
LCS1W	HC1018WK	21.1	1	NA	1.00	0.500	09/20/1020:01	NA	H120009	H120001	HC1018W	NA	NA
MW-70-PMW09-A10	1246-02	ND	1	NA	1.00	0.500	09/21/1002:54	NA	H120017	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	ND	1	NA	1.00	0.500	09/21/1004:00	NA	H120018	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	10.9	1	NA	1.00	0.500	09/21/1005:06	NA	H120019	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	1.00	0.500	09/21/1006:12	NA	H120020	H120014	HC1018W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	1.00	0.500	09/21/1007:18	NA	H120021	H120014	HC1018W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	1.00	0.500	09/21/1008:23	NA	H120022	H120014	HC1018W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	ND	1	NA	1.00	0.500	09/21/1009:29	NA	H120023	H120014	HC1018W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	1.38	1	NA	1.00	0.500	09/21/1012:18	NA	H120026	H120024	HC1018W	09/16/1010:45	09/16/10
MBLK2W	HC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	H129003	H129001	HC1030W	NA	NA
LCS2W	HC1030WL	20.2	1	NA	1.00	0.500	09/29/1014:33	NA	H129004	H129001	HC1030W	NA	NA
LCD2W	HC1030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	H129005	H129001	HC1030W	NA	NA
IW-70-SH3113-A10	1246-01	208	10	NA	10.0	5.00	09/30/1014:40	NA	H129026	H129023	HC1030W	09/15/1010:41	09/16/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT GEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1C1246

Matrix : WATER
Instrument ID : 11D6

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	H120003	H120001	HC1018W	NA	NA
LCD1W	HC1018WC	18.9	1	NA	1.00	0.500	09/20/1016:20	NA	H120005	H120003	HC1018W	NA	NA
LCS1W	HC1018WX	19.9	1	NA	1.00	0.500	09/20/1020:01	NA	H120009	H120001	HC1018W	NA	NA
MW-70-SHB113-A10	1246-01	2.28	1	NA	1.00	0.500	09/21/1001:48	NA	H120016	H120014	HC1018W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	1246-02	ND	1	NA	1.00	0.500	09/21/1002:54	NA	H120017	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	ND	1	NA	1.00	0.500	09/21/1004:00	NA	H120018	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	10.2	1	NA	1.00	0.500	09/21/1005:06	NA	H120019	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	1.00	0.500	09/21/1006:12	NA	H120020	H120014	HC1018W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	1.00	0.500	09/21/1007:18	NA	H120021	H120014	HC1018W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	1.00	0.500	09/21/1008:23	NA	H120022	H120014	HC1018W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	ND	1	NA	1.00	0.500	09/21/1009:29	NA	H120023	H120014	HC1018W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	ND	1	NA	1.00	0.500	09/21/1012:18	NA	H120026	H120024	HC1018W	09/16/1010:45	09/16/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, CR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKIW	HC1018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	H120003	H120001	HC1018W	NA	NA
LCDIW	HC1018WC	20.0	1	NA	1.00	0.500	09/20/1016:20	NA	H120005	H120001	HC1018W	NA	NA
LCSIW	HC1018WX	20.4	1	NA	1.00	0.500	09/20/1020:01	NA	H120009	H120001	HC1018W	NA	NA
IW-70-SHB113-A10	1246-01	ND	1	NA	1.00	0.500	09/21/1001:48	NA	H120016	H120014	HC1018W	09/15/1013:41	09/16/10
MW-70-PMW05-A10	1246-02	ND	1	NA	1.00	0.500	09/21/1002:54	NA	H120017	H120014	HC1018W	09/15/1011:53	09/16/10
MW-70-PMW09-A100UP	1246-020	ND	1	NA	1.00	0.500	09/21/1004:00	NA	H120018	H120014	HC1018W	09/15/1011:53	09/16/10
MW-70-PMW09-A10MS	1246-02M	10.5	1	NA	1.00	0.500	09/21/1005:06	NA	H120019	H120014	HC1018W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	1.00	0.500	09/21/1006:12	NA	H120020	H120014	HC1018W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	1.00	0.500	09/21/1007:18	NA	H120021	H120014	HC1018W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	1.00	0.500	09/21/1008:23	NA	H120022	H120014	HC1018W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	ND	1	NA	1.00	0.500	09/21/1009:29	NA	H120023	H120014	HC1018W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	ND	1	NA	1.00	0.500	09/21/1012:18	NA	H120026	H120024	HC1018W	09/16/1010:45	09/16/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI018WB	ND	1	NA	1.00	0.500	09/20/1015:38	NA	HI20003	HI20001	HCI018W	NA	NA
LCD1W	HCI018WC	20.0	1	NA	1.00	0.500	09/20/1016:20	NA	HI20005	HI20001	HCI018W	NA	NA
LCS1W	HCI018WX	20.8	1	NA	1.00	0.500	09/20/1020:31	NA	HI20009	HI20001	HCI018W	NA	NA
MW-70-SMB113-A10	I246-01	21.0	1	NA	1.00	0.500	09/21/1001:48	NA	HI20016	HI20014	HCI018W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	I246-02	ND	1	NA	1.00	0.500	09/21/1002:54	NA	HI20017	HI20014	HCI018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	I246-02D	ND	1	NA	1.00	0.500	09/21/1004:00	NA	HI20018	HI20014	HCI018W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	I246-02M	10.5	1	NA	1.00	0.500	09/21/1005:06	NA	HI20019	HI20014	HCI018W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	I246-03	ND	1	NA	1.00	0.500	09/21/1006:12	NA	HI20020	HI20014	HCI018W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	I246-04	ND	1	NA	1.00	0.500	09/21/1007:18	NA	HI20021	HI20014	HCI018W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	I246-05	ND	1	NA	1.00	0.500	09/21/1008:23	NA	HI20022	HI20014	HCI018W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	I246-06	ND	1	NA	1.00	0.500	09/21/1009:29	NA	HI20023	HI20014	HCI018W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	I246-07	ND	1	NA	1.00	0.500	09/21/1012:18	NA	HI20026	HI20024	HCI018W	09/16/1010:45	09/16/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1018WB HC1018WX HC1018WC
LAB FILE ID: H120003 H120009 H120005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/20/1015:38 09/20/1020:01 09/20/1016:20 DATE RECEIVED: NA
PREP. BATCH: HC1018W HC1018W HC1018W
CALIB. REF: H120001 H120001 H120001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	21.1	105	20.0	20.4	102	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CA SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: HC1030WB HC1030WL HC1030WC
LAB FILE ID: H129003 H129004 H129005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1014:12 09/29/1014:33 09/29/1014:54 DATE RECEIVED: NA
PREP. BATCH: HC1030W HC1030W HC1030W
CALIB. REF: H129001 H129001 H129001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
LAB SAMP ID: 1246-02 1246-02M
LAB FILE ID: H120017 H120019
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:53
DATE ANALYZED: 09/21/1002:54 09/21/1005:06 DATE RECEIVED: 09/16/10
PREP. BATCH: HC1018W HC1018W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Acetate	ND	10.0	10.9	109	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10:246
METHOD: METHOD 300.0(N)

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MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-73-PMW09-A10
EMAX SAMP ID: 1246-02 1246-020
LAB FILE ID: H120017 H120018
DATE EXTRACTED: NA NA | DATE COLLECTED: 09/15/10 11:53
DATE ANALYZED: 09/21/1002:54 09/21/1004:00 | DATE RECEIVED: 09/16/10
PREP. BATCH: HC1018W HC1018W
CALIB. REF: H120C14 H120C14

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Acetate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MB.K1W
LAB SAMP ID: HC1018WB HC1018WC HC1018WC
LAB FILE ID: HI20003 HI20009 HI20005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/20/1015:38 09/20/1020:01 09/20/1016:20 DATE RECEIVED: NA
PREP. BATCH: HC1018W HC1018W HC1018W
CALIB. REF: HI20001 HI20001 HI20001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.9	100	20.0	18.9	94	5	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSCOPE EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
LAB SAMP ID: 1246-02 1246-02M
LAB FILE ID: H120017 H120019
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/1002:54 09/21/1005:06 DATE RECEIVED: 09/16/10
PREP. BATCH: HC10184W HC10184W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Butyrate	ND	10.0	10.2	102	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(N)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: I246-02 I246-02D
LAB FILE ID: H120017 H120018
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/1002:54 09/21/1004:03 DATE RECEIVED: 09/16/10
PREP. BATCH: HCI018W HCI018W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Butyrate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKIW				
LAB SAMP ID:	HC1018WB	HC1018WX	HC1018WC		
LAB FILE ID:	HI20003	HI20009	HI20005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/20/1015:38	09/20/1020:01	09/20/1016:20	DATE RECEIVED:	NA
PREP. BATCH:	HC1018W	HC1018W	HC1018W		
CALIB. REF:	HI20001	HI20001	HI20001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	20.4	102	20.0	20.0	100	2	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMWC9-A10
LAB SAMP ID: 1246-02 1246-02M
LAB FILE ID: H120017 H120019
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/1002:54 09/21/1005:06 DATE RECEIVED: 09/16/10
PREP. BATCH: HC10185W HC10185W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Lactate	ND	10.0	10.5	105	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 10I246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: I246-02 I246-02D
LAB FILE ID: H120017 H120018
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/1002:54 09/21/1004:00 DATE RECEIVED: 09/16/10
PREP. BATCH: HC1018W HC1018W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Lactate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLKIW
LAB SAMP ID: HC1018WB HC1018WX HC1018WC
LAB FILE ID: H120003 H120009 H120005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/20/1015:38 09/20/1020:01 09/20/1016:20 DATE RECEIVED: NA
PREP. BATCH: HC1018W HC1018W HC1018W
CALIB. REF: H120001 H120001 H120001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.8	104	20.0	20.0	100	4	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CA SITE 7C.
BATCH NO.: 101246
METHOD: METHOD 300.0(N)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PM09-A10
LAB SAMP ID: 1246-02 1246-02N
LAB FILE ID: H120017 H120019
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/1002:54 09/21/1005:06 DATE RECEIVED: 09/16/10
PREP. BATCH: HCI018W HCI018W
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Propionate	ND	10.0	10.5	105	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-MW09-A10
EMAX SAMP ID: T246-02 E246-02D
LAB FILE ID: H120017 H120018
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/21/10 02:54 09/21/10 04:00 DATE RECEIVED: 09/16/10
PREP. BATCH: HC10184 HC10184
CALIB. REF: H120014 H120014

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Propionate	ND	ND	0	20

INITIAL CALIBRATION

IC SEQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13001	IB	ABLPY	OA106I13	09/13/1014:36	1
HI13002	S-0	ABLPY	OA106I13	09/13/1014:57	1
HI13003	S-1	ABLPY	OA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106I13	09/13/1017:58	1
HI13007	S-5	ABLPY	OA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106I13	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA'	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.I13/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.59	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.113/HI13(2D10)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI20001	CCV22	ABLPY	104%	94.3%	104%	99.8%	109%	09/20/1014:56	1
HI20002	CCB22	ABLPY	ND	ND	ND	ND	ND	09/20/1015:17	1
HI20003	HCID18WB	ABLPY	ND	ND	ND	ND	ND	09/20/1015:38	1
HI20004	HCID18WL	*****	2.07	1.97	2.07	2.05	2.47	09/20/1015:59	1
HI20005	HCID18WC	ABLPY	2.04	1.89	2	2	2.06	09/20/1016:20	1
HI20006	1066-01	ABLPY	83.2	4.31	ND	54.6	ND	09/20/1016:41	50
HI20007	H661-09R	ABLPY	1.06	ND	ND	ND	ND	09/20/1017:49	1
HI20008	H661-10R	ABLPY	.144	ND	.134	ND	ND	09/20/1018:55	1
HI20009	HCID18WX	ABLPY	2.11	1.99	2.04	2.08	2.06	09/20/1020:01	1
HI20010	1066-02	ABLPY	84.5	5	ND	56.5	ND	09/20/1020:22	50
HI20011	1066-03	ABLPY	12	ND	ND	ND	ND	09/20/1021:28	20
HI20012	1019-01	ABLPY	68.2	ND	ND	6.23	ND	09/20/1022:33	50
HI20013	H632-15	ABLPY	100	ND	ND	31.2	ND	09/20/1023:39	100
HI20014	CCV24	ABLPY	107%	101%	101%	106%	103%	09/21/1000:45	1
HI20015	CCB24	ABLPY	ND	ND	ND	ND	ND	09/21/1001:27	1
HI20016	1246-01	*BLPY	15E	.228	ND	2.1	ND	09/21/1001:48	1
HI20017	1246-02	ABLPY	ND	ND	ND	ND	ND	09/21/1002:54	1
HI20018	1246-02D	ABLPY	ND	ND	ND	ND	ND	09/21/1004:00	1
HI20019	1246-02M	ABLPY	1.09	1.02	1.05	1.05	1.03	09/21/1005:06	1
HI20020	1246-03	ABLPY	.018	ND	ND	ND	ND	09/21/1006:12	1
HI20021	1246-04	ABLPY	.012	ND	ND	ND	ND	09/21/1007:18	1
HI20022	1246 05	ABLPY	.01	ND	ND	ND	ND	09/21/1008:25	1
HI20023	1246-06	ABLPY	ND	ND	ND	ND	ND	09/21/1009:29	1
HI20024	CCV26	ABLPY	106%	99.6%	103%	105%	103%	09/21/1011:36	1
HI20025	CCB26	ABLPY	ND	ND	ND	ND	ND	09/21/1011:57	1
HI20026	1246-07	ABLPY	.138	ND	ND	ND	ND	09/21/1012:18	1
HI20027	1252-02	ABLPY	ND	ND	ND	ND	ND	09/21/1013:24	1
HI20028	CCV28	ABLPY	108%	102%	104%	107%	105%	09/21/1014:51	1
HI20029	CCB28	ABLPY	ND	ND	ND	ND	ND	09/21/1015:12	1

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI29001	CCV58	ABLPY	102%	102%	104%	102%	110%	09/29/1013:30	1
HI29002	CCB58	ABLPY	ND	ND	ND	ND	ND	09/29/1013:51	1
HI29003	HCI030WB	ABLPY	ND	ND	ND	ND	ND	09/29/1014:12	1
HI29004	HCI030WL	ABLPY	2.02	2.02	2.05	2.03	2.17	09/29/1014:33	1
HI29005	HCI030WC	ABLPY	2.02	2.02	2.05	2.02	2.16	09/29/1014:54	1
HI29006	I305-01	ABLPY	1.51	ND	ND	.722	ND	09/29/1015:17	1
HI29007	I305-02	ABLPY	.018	ND	ND	ND	ND	09/29/1016:23	1
HI29008	I305-02D	ABLPY	.025	ND	ND	ND	ND	09/29/1017:29	1
HI29009	I305-02M	ABLPY	1.03	1.01	1.01	1	1.06	09/29/1018:35	1
HI29010	I387-01	*BLPY	3.06E	ND	ND	2.79	ND	09/29/1019:41	1
HI29011	I387-02	*BLPY	3.98E	.19	ND	.169	ND	09/29/1020:47	1
HI29012	I387-03	ABLPY	ND	ND	ND	ND	ND	09/29/1021:53	1
HI29013	CCV60	ABLPY	99.1%	102%	100%	99.1%	107%	09/29/1022:58	1
HI29014	CCB60	ABLPY	ND	ND	ND	ND	ND	09/30/1000:01	1
HI29015	I307-02	*BLPY	42.5E	2.26	ND	ND	.691	09/30/1000:22	1
HI29016	I307-03	**L**	57.4E	36E	ND	74.6E	6.14E	09/30/1001:28	1
HI29017	I307-05	*BLPY	43E	ND	ND	ND	ND	09/30/1002:34	1
HI29018	I307-06	ABLPY	ND	ND	ND	ND	ND	09/30/1003:40	1
HI29019	I307-07	ABLPY	.036	ND	ND	ND	ND	09/30/1004:46	1
HI29020	I307-08	ABLPY	ND	ND	ND	ND	ND	09/30/1005:52	1
HI29021	I370-03	ABLPY	.021	ND	ND	ND	ND	09/30/1006:58	1
HI29022	I370-04	ABLPY	ND	ND	ND	ND	ND	09/30/1008:04	1
HI29023	CCV62	ABLPY	99.5%	100%	98.3%	96.5%	100%	09/30/1012:52	1
HI29024	CCB62	ABLPY	ND	ND	ND	ND	ND	09/30/1013:13	1
HI29025	I370-04	ABLPY	.024	ND	ND	ND	ND	09/30/1013:34	1
HI29026	I246-01	A****	20.8	ND	ND	1.71	ND	09/30/1014:40	10
HI29027	CCV64	ABLPY	97.7%	100%	93.6%	97.9%	97.3%	09/30/1015:21	1
HI29028	CCB64	ABLPY	ND	ND	ND	ND	ND	09/30/1015:42	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.04 SW4A-03-013 0.286g -22 L

HC30860, I046, I246, I252, H632

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H320 ✓

Method File: 041065.13

Analytical Batch: HC30860

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX 300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	-216
CCV	-217
LCS	-218
MS	-212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: cd

Date: 4/20/06

Sequence HI20
Operator cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase ICS1000
#Samples 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj Vol.	Program	Method	Status	Inj Date/Time	Dil. Factor
1	HI20		IS	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI20		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI20		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI20		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI20		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI20		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:56:23 PM	1.0000
7	HI20		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI20		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI20		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI20	001	CCV22	Unknown	99	25.0	ORG	OA106I13	Finished	9/20/2010 2:56:17 PM	1.0000
11	HI20	002	CCB22	Unknown	98	25.0	ORG	OA106I13	Finished	9/20/2010 3:17:16 PM	1.0000
12	HI20	003	HCI018WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/20/2010 3:38:14 PM	1.0000
13	HI20	004	HCI018WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 3:59:13 PM	1.0000
14	HI20	005	HCI018WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 4:20:12 PM	1.0000
15	HI20	006	I066-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 4:41:10 PM	50.0000
16	HI20	007	H661-09R	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 5:49:20 PM	1.0000
17	HI20	008	H661-10R	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 6:55:14 PM	1.0000
18	HI20	009	HCI018WX	Unknown	96	25.0	ORG	OA106I13	Finished	9/20/2010 8:01:08 PM	1.0000
19	HI20	010	I066-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 8:22:06 PM	50.0000
20	HI20	011	I065-03	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 9:28:00 PM	50.0000
21	HI20	012	I019-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 10:33:53 PM	50.0000
22	HI20	013	H632-15	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/20/2010 11:39:47 PM	100.0000
23	HI20	014	CCV24	Unknown	99	25.0	ORG	OA106I13	Finished	9/21/2010 12:45:41 AM	1.0000
24	HI20	015	CCB24	Unknown	98	25.0	ORG	OA106I13	Finished	9/21/2010 1:27:39 AM	1.0000
25	HI20	016	I246-01	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:48:37 AM	1.0000
26	HI20	017	I246-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 2:54:31 AM	1.0000
27	HI20	018	I246-02D	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 4:00:24 AM	1.0000

Sequence HI20
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3933Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
1	HI20	
2	HI20	
3	HI20	
4	HI20	
5	HI20	
6	HI20	
7	HI20	
8	HI20	
9	HI20	
10	HI20	
11	HI20	
12	HI20	
13	HI20	
14	HI20	
15	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI20	
19	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
22	HI20	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
23	HI20	
24	HI20	
25	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HI20
Operator: cmadmin

Printed: 9/24/2010 2:17:41 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3C91_ocal
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 38

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	D.I. Factor
28	HI20	019	I246-02M	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 5:06:18 AM	1.0000
29	HI20	020	I246-03	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 6:12:11 AM	1.0000
30	HI20	021	I246-04	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 7:18:04 AM	1.0000
31	HI20	022	I246-05	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 8:23:58 AM	1.0000
32	HI20	023	I246-06	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 9:29:51 AM	1.0000
33	HI20	024	CCV26	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 11:35:39 AM	1.0000
34	HI20	025	CCB26	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 11:57:38 AM	1.0000
35	HI20	026	I246-07	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 12:18:37 PM	1.0000
36	HI20	027	I252-02	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/21/2010 1:24:31 PM	1.0000
37	HI20	028	CCV26	Unknown	95	25.0	ORG	OA106I13	Finished	9/21/2010 2:51:23 PM	1.0000
38	HI20	029	CCB26	Unknown	94	25.0	ORG	OA106I13	Finished	9/21/2010 3:12:22 PM	1.0000

FINAL

Sequence: HI20
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 35

Created: 9/20/2010 12:54:32 PM by cmadmin
Last Update: 9/24/2010 1:43:24 PM by cmadmin

No.	Sequence	Comment
28	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
33	HI20	
34	HI20	
35	HI20	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI20	SAMPLE WAS PREPPED AT DF=1 PRIOR TO ANALYSIS
37	HI20	
38	HI20	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH SW94-09-013 : 02884 → 2L

H010930W I365, I367, I368, I370 & I246

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H129
Method File:	0A106T13
Analytical Batch:	H010930W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW12A - 02 - 215	
ICV		216
CCV		219
LCS		220
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: G.C.

Date: 09/29/10 - 09/30/10

8081

Sequence: HI29
Operator: cmadmin

Printed: 10/1/2010 1:28:05 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3933Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI29		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI29		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI29		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI29		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI29		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI29		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI29		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI29		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI29		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI29	001	CCV58	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 1:30:39 PM	1.0000
11	HI29	002	CCB58	Unknown	98	25.0	ORG	OA106I13	Finished	9/29/2010 1:51:38 PM	1.0000
12	HI29	003	HCI030WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/29/2010 2:12:37 PM	1.0000
13	HI29	004	HCI030WL	Unknown	95	25.0	ORG	OA106I13	Finished	9/29/2010 2:33:36 PM	1.0000
14	HI29	005	HCI030WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/29/2010 2:54:34 PM	1.0000
15	HI29	006	I305-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 3:17:36 PM	1.0000
16	HI29	007	I305-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 4:23:30 PM	1.0000
17	HI29	008	I305-02D	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 5:29:24 PM	1.0000
18	HI29	009	I305-02M	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 6:35:19 PM	1.0000
19	HI29	010	I387-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 7:41:13 PM	1.0000
20	HI29	011	I387-02	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 8:47:06 PM	1.0000
21	HI29	012	I387-03	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 9:53:00 PM	1.0000
22	HI29	013	CCV60	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 10:58:54 PM	1.0000
23	HI29	014	CCB60	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 12:01:51 AM	1.0000
24	HI29	015	I307-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 12:22:49 AM	1.0000
25	HI29	016	I307-03	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:28:43 AM	1.0000
26	HI29	017	I307-05	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 2:34:36 AM	1.0000
27	HI29	018	I307-06	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 3:40:30 AM	1.0000

2309

FINAL

Sequence: HI29
Operator: cmadmin

Printed 10/1/2010 1:28:05 PM

Title: Temporary sequence for manual data acquisition
Datasource: 039B3091_local
Location: Organic Acid\2010
Timebase: ICS-1000
#Samples 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Comment
1	HI29	
2	HI29	
3	HI29	
4	HI29	
5	HI29	
6	HI29	
7	HI29	
8	HI29	
9	HI29	
10	HI29	
11	HI29	
12	HI29	
13	HI29	
14	HI29	
15	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
20	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
21	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
22	HI29	
23	HI29	
24	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Sequence HI29
Operator cmadmin

Title Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase ICS1000
#Samples 37

Created: 9/29/2010 10 53:07 AM by cmadmin
Last Update: 10/1/2010 12 55:45 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj Date/Time	Dil. Factor
28	HI29	019	I307-07	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 4 45:23 AM	1 0000
29	HI29	020	I307-08	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 5 52.17 AM	1.0000
30	HI29	021	I370-03	Unknown	13	25 0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 6.58:10 AM	1 0000
31	HI29	022	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Interrupted	9/30/2010 8.04:04 AM	1.0000
32	HI29	023	CCV62	Unknown	99	25 0	ORG	OA106I13	Finished	9/30/2010 12:52:26 PM	1.0000
33	HI29	024	CCB62	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 1:13:25 PM	1.0000
34	HI29	025	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:34:24 PM	1.0000
35	HI29	026	I246-01	Unknown	15	25 0	ORG	OA106I13	Finished	9/30/2010 2:40:17 PM	10.0000
36	HI29	027	CCV64	Unknown	99	25.0	ORG	OA106I13	Finished	9/30/2010 3:21:11 PM	1.0000
37	HI29	028	CCB64	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 3:42:09 PM	1 0000

FINAL

Sequence HI29
Operator: cmadmin

Title Temporary sequence for manual data acquisition
Datasource D39B3Q91_loca
Location Organic Acid\2010
Timebase ICS1000
#Samples 37

Created: 9/23/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Comment
28	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
29	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
30	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI29	
33	HI29	
34	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI29	
37	HI29	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NOH : SW9A-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H113

Method File: 0A106 I13

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW9A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 9/13/10

Sequence: HI13
Operator: cmadmin
Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid2010
Timebase: ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 2320B
TOTAL ALKALINITY

A total of seven (7) water samples were received on 09/16/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ALI014WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDES1	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1014WB	ND	1	NA	5.00	1.00	09/22/1022:31	NA	10E5[34052	NA	AL[012W	NA	NA
LCS1W	AL1014WL	575	1	NA	5.00	1.00	09/22/1022:43	NA	10E5[34053	NA	AL[012W	NA	NA
LCD1W	AL1014WC	575	1	NA	5.00	1.00	09/22/1022:54	NA	10E5[34054	NA	AL[012W	NA	NA
IW-70-SHB113-A10	1246-01	748	1	NA	5.00	1.00	09/22/1023:07	NA	10E5[34055	NA	AL[012W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	1246-02	177	1	NA	5.00	1.00	09/22/1023:14	NA	10E5[04056	NA	AL[012W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-020	178	1	NA	5.00	1.00	09/22/1023:23	NA	10E5[34057	NA	AL[012W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	196	1	NA	5.00	1.00	09/22/1023:30	NA	10E5[04058	NA	AL[012W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	196	1	NA	5.00	1.00	09/22/1023:37	NA	10E5[04059	NA	AL[012W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	186	1	NA	5.00	1.00	09/22/1023:44	NA	10E5[04060	NA	AL1012W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	373	1	NA	5.00	1.00	09/22/1023:53	NA	10E5104061	NA	AL1012W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	372	1	NA	5.00	1.00	09/23/1012:01	NA	10E5104062	NA	AL1012W	09/16/1010:45	09/16/10

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70,
BATCH NO.: 101246
METHOD: METHOD Z3206

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: AL1014WB AL1014WL AL1014WC
LAB FILE ID: 10E5104052 10E5104053 10E5104054
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1022:31 09/22/1022:43 09/22/1022:54 DATE RECEIVED: NA
PREP. BATCH: AL1014W AL1014W AL1014W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	575	100	576	575	100	0	80-120	20

ENAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 2320B

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: MW-70-PMW09-A10
ENAX SAMP ID: 1246-02 | 1246-02D
LAB FILE ID: 10E5I04056 | 10E5I04057
DATE EXTRACTED: NA | NA | DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/22/1023:14 | 09/22/1023:23 | DATE RECEIVED: 09/16/10
PREP. BATCH: AL10I2W | AL10I2W
CALIB. REF: NA | NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Total Alkalinity	177	178	1	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: NA

Method SM2320 for SDGs: I193, I832, I838, I846

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I04

Analytical Sequence: ALI012; ALI013; ALI014

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-258	576
MS/MSD NA	NA
ICV NA	NA
0.02N HCL SNR1-01-254	0.02

pH Buffer	ID
pH 4	SW1-01-257
pH 7	SW1-01-263
pH 10	SW1-01-251
pH Check	SW1-01-262

Analyzed By: RC

Date: 9/22/10

Report Date: 09/23/2010 : 1:15 AM

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 6.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I04	09/22/2010	3:23 PM	7.96	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I04	09/22/2010	3:30 PM	6.43	.00	.05	.08	.00	.08	.08	.00	.00	
3	ALI012WB	10E5I04	09/22/2010	3:35 PM	5.47	.00	.03	.05	.00	.08	.08	.00	.00	
4	ALI012WL	10E5I04	09/22/2010	3:46 PM	8.94	8.32	14.57	-1.00	332.85	582.81	.00	495.92	82.89	
5	ALI012WC	10E5I04	09/22/2010	3:59 PM	8.94	8.27	14.58	-1.00	330.79	583.20	.00	504.83	78.38	
6	I152-08	10E5I04	09/22/2010	4:04 PM	6.13	.00	.32	.35	.00	11.43	11.43	.00	.00	
7	I152-09	10E5I04	09/22/2010	4:10 PM	6.10	.00	.39	.43	.00	14.55	14.55	.00	.00	
8	I152-13	10E5I04	09/22/2010	4:16 PM	6.24	.00	.67	-1.00	.00	26.88	26.88	.00	.00	
9	I152-15	10E5I04	09/22/2010	4:22 PM	6.11	.00	.27	.30	.00	9.58	9.58	.00	.00	
10	I152-16	10E5I04	09/22/2010	4:28 PM	6.23	.00	.28	.31	.00	10.03	10.03	.00	.00	
11	I152-17	10E5I04	09/22/2010	4:34 PM	6.26	.00	.26	.29	.00	8.98	8.98	.00	.00	
12	I153-16	10E5I04	09/22/2010	4:40 PM	6.44	.00	.35	.38	.00	12.53	12.53	.00	.00	
13	I153-18	10E5I04	09/22/2010	4:46 PM	6.34	.00	.44	.47	.00	16.21	16.21	.00	.00	
14	I188-03	10E5I04	09/22/2010	4:52 PM	5.84	.00	.09	.11	.00	2.62	2.62	.00	.00	
15	I188-03D	10E5I04	09/22/2010	4:58 PM	5.83	.00	.08	.11	.00	2.48	2.48	.00	.00	
16	I264-02	10E5I04	09/22/2010	5:04 PM	6.18	.00	1.82	-1.00	.00	72.65	72.65	.00	.00	
17	I264-03	10E5I04	09/22/2010	5:12 PM	7.21	.00	8.55	-1.00	.00	342.09	342.09	.00	.00	
18	I264-05	10E5I04	09/22/2010	5:18 PM	6.71	.00	3.31	-1.00	.00	132.49	132.49	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

pH AND ALKALINITY IN-RUN REPORT.SRI

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Run Number 474 **Analytical Batch#** **10ES104**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I264-07	10ES104	09/22/2010	5:27 PM	6.96	.00	7.61	-1.00	.00	304.58	304.58	.00	.00	
20	I264-08	10ES104	09/22/2010	5:36 PM	6.94	.00	16.49	-1.00	.00	659.73	659.73	.00	.00	
21	I264-09	10ES104	09/22/2010	5:45 PM	7.06	.00	7.77	-1.00	.00	310.88	310.88	.00	.00	
22	I264-10	10ES104	09/22/2010	5:52 PM	7.02	.00	7.85	-1.00	.00	314.08	314.08	.00	.00	
23	I265-02	10ES104	09/22/2010	6:00 PM	7.43	.00	10.65	-1.00	.00	426.13	426.13	.00	.00	
24	I265-07	10ES104	09/22/2010	6:21 PM	6.92	.00	44.90	-1.00	.00	1,796.13	1,796.13	.00	.00	
25	I265-08	10ES104	09/22/2010	6:28 PM	6.08	.00	.07	.11	.00	1.34	1.34	.00	.00	
26	RINSE	10ES104	09/22/2010	6:33 PM	5.38	.00	.03	.06	.00	-.31	-.31	.00	.00	
27	ALI013WB	10ES104	09/22/2010	6:38 PM	5.29	.00	.02	.05	.00	-.18	-.18	.00	.00	
28	ALI013WL	10ES104	09/22/2010	6:51 PM	9.04	9.23	14.34	-1.00	369.36	573.48	.00	408.20	165.26	
29	ALI013WC	10ES104	09/22/2010	7:01 PM	9.03	9.15	14.28	-1.00	365.91	571.21	.00	410.61	160.60	
30	I162-05	10ES104	09/22/2010	7:11 PM	7.80	.00	11.66	-1.00	.00	466.27	466.27	.00	.00	
31	I162-05D	10ES104	09/22/2010	7:20 PM	7.83	.00	11.68	-1.00	.00	467.24	467.24	.00	.00	
32	I162-09	10ES104	09/22/2010	7:30 PM	8.11	.00	10.40	-1.00	.00	415.94	415.94	.00	.00	
33	I162-10	10ES104	09/22/2010	7:39 PM	8.54	.61	13.94	-1.00	24.50	557.43	508.42	49.00	.00	
34	I162-18	10ES104	09/22/2010	7:48 PM	8.68	.72	11.01	-1.00	28.63	440.33	383.08	57.25	.00	
35	I162-19	10ES104	09/22/2010	7:57 PM	8.10	.00	10.74	-1.00	.00	429.75	429.75	.00	.00	
36	I173-02	10ES104	09/22/2010	8:07 PM	7.73	.00	9.27	-1.00	.00	370.84	370.84	.00	.00	
37	I193-C1	10ES104	09/22/2010	8:23 PM	7.29	.00	31.38	-1.00	.00	1,255.26	1,255.26	.00	.00	
38	I193-C2	10ES104	09/22/2010	6:38 PM	7.28	.00	29.77	-1.00	.00	1,190.66	1,190.66	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

pH AND ALKALINITY IN-RUN REPORT.SR

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Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I244-02	10E5I04	09/22/2010	8:46 PM	7.41	.00	8.42	-1.00	.00	336.87	336.87	.00	.00	
40	I244-03	10E5I04	09/22/2010	8:54 PM	7.70	.00	5.47	-1.00	.00	218.76	218.76	.00	.00	
41	I244-04	10E5I04	09/22/2010	9:06 PM	7.40	.00	21.07	-1.00	.00	842.63	842.63	.00	.00	
42	I244-05	10E5I04	09/22/2010	9:13 PM	7.49	.00	5.09	-1.00	.00	203.57	203.57	.00	.00	
43	I270-02	10E5I04	09/22/2010	9:22 PM	7.74	.00	11.17	-1.00	.00	446.64	446.64	.00	.00	
44	I270-03	10E5I04	09/22/2010	9:29 PM	7.39	.00	4.92	-1.00	.00	196.84	196.84	.00	.00	
45	270-04	10E5I04	09/22/2010	9:37 PM	7.64	.00	5.73	-1.00	.00	229.07	229.07	.00	.00	
46	I270-07	10E5I04	09/22/2010	9:48 PM	7.89	.00	19.22	-1.00	.00	768.10	768.10	.00	.00	
47	I270-08	10E5I04	09/22/2010	9:57 PM	7.62	.00	8.12	-1.00	.00	324.69	324.69	.00	.00	
48	I832-01	10E5I04	09/22/2010	10:05 PM	7.93	.00	4.61	-1.00	.00	184.59	184.59	.00	.00	
49	I838-01	10E5I04	09/22/2010	10:12 PM	7.83	.00	4.07	-1.00	.00	162.77	162.77	.00	.00	
50	I838-02	10E5I04	09/22/2010	10:19 PM	7.81	.00	4.10	-1.00	.00	163.97	163.97	.00	.00	
51	RINSE	10E5I04	09/22/2010	10:25 PM	6.00	.00	.04	.08	.00	.09	.09	.00	.00	
52	ALI014WB	10E5I04	09/22/2010	10:31 PM	5.60	.00	.03	.07	.00	-.14	-.14	.00	.00	
53	ALI014WL	10E5I04	09/22/2010	10:43 PM	9.08	9.60	14.37	-1.00	384.02	574.86	.00	381.70	193.17	
54	ALI014WC	10E5I04	09/22/2010	10:54 PM	9.07	9.54	14.36	-1.00	381.49	575.17	.00	387.34	187.82	
55	I246-01	10E5I04	09/22/2010	11:07 PM	7.03	.00	18.70	-1.00	.00	748.05	748.05	.00	.00	
56	I246-02	10E5I04	09/22/2010	11:14 PM	8.03	.00	4.42	-1.00	.00	176.91	176.91	.00	.00	
57	I246-02D	10E5I04	09/22/2010	11:23 PM	8.09	.00	4.45	-1.00	.00	177.82	177.82	.00	.00	
58	I246-03	10E5I04	09/22/2010	11:30 PM	8.01	.00	4.89	-1.00	.00	195.67	195.67	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/23/10

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pH AND ALKALINITY IN-RUN REPORT.SR

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Run Number 474 **Analytical Batch#** 10E5I04

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
59	I246-04	10E5I04	09/22/2010	11:37 PM	8.02	.00	4.90	-1.00	.00	196.02 ✓	196.02	.00	.00	
60	I246-05	10E5I04	09/22/2010	11:44 PM	7.76	.00	4.64	-1.00	.00	185.67 ✓	185.67	.00	.00	
61	I246-06	10E5I04	09/22/2010	11:53 PM	7.47	.00	9.33	-1.00	.00	373.17 ✓	373.17	.00	.00	
62	I246-07	10E5I04	09/23/2010	12:01 AM	7.53	.00	9.29	-1.00	.00	371.58 ✓	371.58	.00	.00	
63	I240-02	10E5I04	09/23/2010	12:14 AM	7.29	.00	21.22	-1.00	.00	848.96	848.96	.00	.00	
64	I240-03	10E5I04	09/23/2010	12:23 AM	7.54	.00	15.32	-1.00	.00	612.90	612.90	.00	.00	
65	I240-04	10E5I04	09/23/2010	12:33 AM	7.73	.00	10.23	-1.00	.00	409.21	409.21	.00	.00	
66	I240-04D	10E5I04	09/23/2010	12:41 AM	7.73	.00	10.22	-1.00	.00	408.74	408.74	.00	.00	
67	I240-05	10E5I04	09/23/2010	12:51 AM	7.69	.00	10.26	-1.00	.00	410.26	410.26	.00	.00	
68	I240-07	10E5I04	09/23/2010	12:58 AM	6.97	.00	9.40	-1.00	.00	376.10	376.10	.00	.00	
69	I240-09	10E5I04	09/23/2010	1:06 AM	6.99	.00	9.76	-1.00	.00	390.26	390.26	.00	.00	
70	RINSE	10E5I04	09/23/2010	1:12 AM	5.84	.00	.04	.08	.00	.11	.11	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/23/10

PC-TitraDON PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRV

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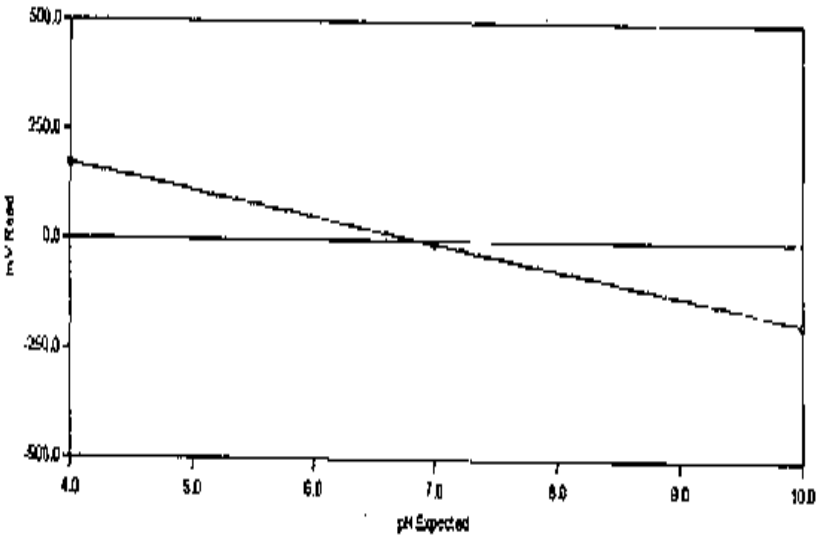
PC-TitratION PLUS
Calibration Report

Calibration Record # 212



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/22/2010
Channel	1	Time	3:21 PM
Probe Type	pH	Temperature	296.98 K 23.83 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.407	CorrCoeff	1.0000
Intercept	-6.470	Equation: Y = (-59.407) X + (-6.470)	

Calibration Validity True

Operator

	Result	Minimum	Maximum
Slope	-59.407	-65.00	-53.00
Intercept	-6.470	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	172.36
	7.00	-7.69
	10.00	-184.08

PC-TitratION PLUS by Man-Tech Associates, Inc.

CALRPRT.SRW
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PC-Titrate For Windows

Running List Report

Order Number - 10E5I04

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI012WB	6	.00	25.00
5	PH-ALK	ALI012WL	7	.00	25.00
6	PH-ALK	ALI012WC	8	.00	25.00
7	PH-ALK	I152-08	9	.00	25.00
8	PH-ALK	I152-09	10	.00	25.00
9	PH-ALK	I152-13	11	.00	25.00
10	PH-ALK	I152-15	12	.00	25.00
11	PH-ALK	I152-16	13	.00	25.00
12	PH-ALK	I152-17	14	.00	25.00
13	PH-ALK	I153-16	15	.00	25.00
14	PH-ALK	I153-18	16	.00	25.00
15	PH-ALK	I188-03	17	.00	25.00
16	PH-ALK	I188-03D	18	.00	25.00
17	PH-ALK	I264-02	19	.00	25.00
18	PH-ALK	I264-03	20	.00	25.00
19	PH-ALK	I264-05	21	.00	25.00
20	PH-ALK	I264-07	22	.00	25.00
21	PH-ALK	I264-08	23	.00	25.00
22	PH-ALK	I264-09	24	.00	25.00
23	PH-ALK	I264-10	25	.00	25.00
24	PH-ALK	I265-02	26	.00	25.00
25	PH ALK	I265-07	27	.00	25.00
26	PH-ALK	I265-08	28	.00	25.00
27	PH-ALK	RINSE	29	.00	25.00
28	PH-ALK	ALI013WB	30	.00	25.00
29	PH-ALK	ALI013WL	31	.00	25.00
30	PH-ALK	ALI013WC	32	.00	25.00
31	PH-ALK	I162-05	33	.00	25.00
32	PH-ALK	I162-05D	34	.00	25.00
33	PH-ALK	I162-09	35	.00	25.00
34	PH-ALK	I162-10	36	.00	25.00
35	PH-ALK	I162-18	37	.00	25.00
36	PH-ALK	I162-19	38	.00	25.00
37	PH-ALK	I173-02	39	.00	25.00
38	PH-ALK	I193-01	40	.00	25.00
39	PH-ALK	I193-02	41	.00	25.00
40	PH-ALK	I244-02	42	.00	25.00

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Running List Report

Order Number - 10E5104

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I244-03	43	.00	25.00
42	PH-ALK	I244-04	44	.00	25.00
43	PH-ALK	I244-05	45	.00	25.00
44	PH-ALK	I270-02	46	.00	25.00
45	PH-ALK	I270-03	47	.00	25.00
46	PH-ALK	I270-04	48	.00	25.00
47	PH-ALK	I270-07	49	.00	25.00
48	PH-ALK	I270-08	50	.00	25.00
49	PH-ALK	I832-01	51	.00	25.00
50	PH-ALK	I838-01	52	.00	25.00
51	PH-ALK	I838-02	53	.00	25.00
52	PH-ALK	RINSE	54	.00	25.00
53	PH-ALK	ALI014WB	55	.00	25.00
54	PH-ALK	ALI014WL	56	.00	25.00
55	PH-ALK	ALI014WC	57	.00	25.00
56	PH-ALK	I246-01	58	.00	25.00
57	PH-ALK	I246-02	59	.00	25.00
58	PH-ALK	I246-02D	60	.00	25.00
59	PH-ALK	I246-03	61	.00	25.00
60	PH-ALK	I246-04	62	.00	25.00
61	PH-ALK	I246-05	63	.00	25.00
62	PH-ALK	I246-06	64	.00	25.00
63	PH-ALK	I246-07	65	.00	25.00
64	PH-ALK	I240-02	66	.00	25.00
65	PH-ALK	I240-03	67	.00	25.00
66	PH-ALK	I240-04	68	.00	25.00
67	PH-ALK	I240-04D	69	.00	25.00
68	PH-ALK	I240-05	70	.00	25.00
69	PH-ALK	I240-07	71	.00	25.00
70	PH-ALK	I240-09	72	.00	25.00
71	PH-ALK	RINSE	73	.00	25.00

PC-TitratION PLUS by Man-Tech Associates, Inc.
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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of seven (7) water samples were received on 09/16/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TDI010WL/C were within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT SEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MB.K1W	TDI010MB	ND	1	NA	20.0	5.00	09/20/1015:45	NA	T3101001	NA	TDI010W	NA	NA
LCS1W	TDI010WL	1010	1	NA	20.0	5.00	09/20/1015:45	NA	T3101002	NA	TDI010W	NA	NA
LCD1W	TDI010WC	1030	1	NA	20.0	5.00	09/20/1015:45	NA	T3101003	NA	TDI010W	NA	NA
EW-70-SHB113-A10	1246-01	1570	1	NA	20.0	5.00	09/20/1015:45	NA	T3101004	NA	TDI010W	09/15/1010:41	09/16/10
MW-70-PMW09-A10	1246-02	840	1	NA	20.0	5.00	09/20/1015:45	NA	T3101005	NA	TDI010W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	825	1	NA	20.0	5.00	09/20/1015:45	NA	T3101006	NA	TDI010W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	1310	1	NA	20.0	5.00	09/20/1015:45	NA	T3101007	NA	TDI010W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	1320	1	NA	20.0	5.00	09/20/1015:45	NA	T3101008	NA	TDI010W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	3200	1	NA	20.0	5.00	09/20/1015:45	NA	T3101009	NA	TDI010W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	3700	1	NA	20.0	5.00	09/20/1015:45	NA	T3101010	NA	TDI010W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	3590	1	NA	20.0	5.00	09/20/1015:45	NA	T3101011	NA	TDI010W	09/16/1010:45	09/16/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TD101CWB TD101CWC TD101CWC
LAB FILE ID: TD101001 TD101C2 TD101C03
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/20/1015:45 09/20/1015:45 09/20/1015:45 DATE RECEIVED: NA
PREP. BATCH: TD1010W TD1010W TD1010W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	1010	101	1000	1030	103	0	80-120	20

0102

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEG, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW09-A10
EMAX SAMP ID: 1246-02 1246-02D
LAB FILE ID: TD101005 TD101006
DATE EXTRACTED: NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/20/10 15:45 09/20/10 15:45 DATE RECEIVED: 09/16/10
PREP. BATCH: TD101DW TD101DW
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	840	825	2	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TD1010

SOP #	Rev. #
☐ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX 160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-266	1000

Analyzed By: PP/MAV

Date: 9/22/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES, INC.

Analytical Batch: [illegible] Instrument ID: 40705350 Oven Temp IN (°C): 180 Oven Temp OUT (°C): 180 SOP: EMAX150.1 Rev. 3

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg	Difference 2nd & 3rd Dry Wt. Rdg (<0.5mg)	NOTES
TDM1001	TD 010WB	100	B	73.7900	09/20/10	15:45	73.79	09/22/10	12:57	73.79	09/22/10	14:47	73.79	09/22/10	15:29	0	0.0	
TDM1002	TD 010WA	20	A	13.2567	09/20/10	15:46	13.2569	09/22/10	13:02	13.26	09/22/10	14:49	13.2560	09/22/10	14:49	[illegible]	0.1	
TDM1003	TD 010WC	20	C	13.3242	09/20/10	15:46	13.3247	09/22/10	13:02	13.3248	09/22/10	14:49	13.3248	09/22/10	14:49	[illegible]	0.0	
TDM1004	1246-C1	20	1	13.2824	09/20/10	15:47	13.3142	09/22/10	13:04	13.3142	09/22/10	14:50	13.3138	09/22/10	14:51	0	0.4	
TDM1005	1246-C2	20	2	13.2629	09/20/10	15:47	13.264	09/22/10	13:04	13.2677	09/22/10	14:50	13.2677	09/22/10	14:51	-0.0005	0.0	
TDM1006	1246-C2D	20	3	13.2959	09/20/10	15:48	13.3038	09/22/10	13:05	13.3034	09/22/10	14:51	13.3034	09/22/10	14:51	-0.0004	0.0	
TDM1007	1246-03	20	4	13.2371	09/20/10	15:48	13.2479	09/22/10	13:05	13.2476	09/22/10	14:52	13.2482	09/22/10	14:52	0	0.3	
TDM1008	1246-04	20	5	13.2612	09/20/10	15:49	13.2877	09/22/10	13:05	13.2873	09/22/10	14:52	13.2877	09/22/10	14:52	-0.0004	0.4	
TDM1009	1246-05	20	6	13.1761	09/20/10	15:49	13.1922	09/22/10	13:06	13.1926	09/22/10	14:53	13.1922	09/22/10	14:53	0.0004	0.4	
TDM1010	1246-06	20	7	13.2630	09/20/10	15:50	13.3339	09/22/10	13:06	13.3343	09/22/10	14:53	13.3339	09/22/10	14:53	0.0004	0.4	
TDM1011	1246-07	20	8	13.2348	09/20/10	15:50	13.3068	09/22/10	13:07	13.3068	09/22/10	14:54	13.3067	09/22/10	14:54	0	0.1	

9-22-10 [illegible]

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/20/10 15:44	PASSED
100	99.9947	9/20/10 15:45	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/22/10 15:52	PASSED
100	99.9941	9/22/10 15:53	PASSED

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/22/10 12:56	PASSED
100	99.9937	9/22/10 12:56	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/22/10 14:54	PASSED
100	99.9935	9/22/10 14:55	PASSED

Acceptance Criteria: 0.1% OR 0.05 mg whichever is greater

LCS Conc 1000 mg/L MDL 5 mg/L RL 10 mg/L Initial Rdg by PP [illegible] Final Rdg by PP [illegible] Reviewed by: [illegible]

Date: 9/24/10

Remarks

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI010 | Start Date/Time: 09/20/10 15:45 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/22/10 16:29 | Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI01001	TDI010WB	100	73.79	73.79		ND	
TDI01002	TDI010WL	20	13.2397	13.2599	20.2000	1010	101
TDI01003	TDI010WC	20	13.3042	13.3248	20.6000	1030	103
TDI01004	I240-01	20	13.2824	13.3138	31.4000	1570	
TDI01005	I246-02	20	13.2509	13.2677	16.8000	840	
TDI01006	I246-02D	20	13.2669	13.3034	16.5000	825	
TDI01007	I246 03	20	13.2221	13.2462	26.1000	1310	
TDI01008	I246-04	20	13.2612	13.2877	26.5000	1320	
TDI01009	I246-05	20	13.1281	13.1922	64.1000	3200	
TDI01010	I246-06	20	13.26	13.3339	73.9000	3700	
TDI01011	I246-07	20	13.2348	13.3067	71.9000	3590	

9-22-10 PP / MM

LCS Concentration: 1000 mg/L | MDL(mg/L): 5 | Initial Reading by: PP / MM

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: PP / MM

Remarks:

Reviewed by: MM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/20/10 9:11	200.04	9/20/10 9:13	200.04	9/20/10 9:13	199.8	200.2	200g Check Passed
10203192	31116	100	100.02	9/20/10 9:12	100.02	9/20/10 9:13	100.02	9/20/10 9:13	99.9	100.1	100g Check Passed
10203192	31116	50	50.01	9/20/10 9:12	50.01	9/20/10 9:13	50.01	9/20/10 9:14	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/20/10 9:12	30	9/20/10 9:13	30	9/20/10 9:14	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/20/10 9:12	1	9/20/10 9:13	1	9/20/10 9:14	0.999	1.001	1g Check Passed
10304418	31116	200	200.01	9/20/10 9:16	200	9/20/10 9:17	200	9/20/10 9:18	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/20/10 9:17	100	9/20/10 9:17	99.99	9/20/10 9:18	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/20/10 9:17	50	9/20/10 9:17	50	9/20/10 9:18	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/20/10 9:17	30	9/20/10 9:17	30	9/20/10 9:18	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/20/10 9:17	1	9/20/10 9:17	1	9/20/10 9:18	0.999	1.001	1g Check Passed
40706360	31116	150	149.9917	9/20/10 9:23	149.9918	9/20/10 9:25	149.9918	9/20/10 9:26	149.85	150.15	150g Check Passed
40706360	31116	100	99.9946	9/20/10 9:24	99.9944	9/20/10 9:25	99.9944	9/20/10 9:26	99.9	100.1	100g Check Passed
40706360	31116	50	49.9973	9/20/10 9:24	49.9972	9/20/10 9:25	49.9972	9/20/10 9:26	49.95	50.05	50g Check Passed
40706360	31116	30	29.9982	9/20/10 9:24	29.9982	9/20/10 9:25	29.9982	9/20/10 9:27	29.97	30.03	30g Check Passed
40706360	31116	1	0.9997	9/20/10 9:24	0.9998	9/20/10 9:26	0.9996	9/20/10 9:27	0.999	1.001	1g Check Passed
10601202	31116	200	199.997	9/20/10 9:20	199.994	9/20/10 9:21	199.994	9/20/10 9:21	199.8	200.2	200g Check Passed
10601202	31116	100	99.999	9/20/10 9:20	99.998	9/20/10 9:21	99.998	9/20/10 9:21	99.9	100.1	100g Check Passed
10601202	31116	50	49.999	9/20/10 9:20	49.998	9/20/10 9:21	49.997	9/20/10 9:21	49.95	50.05	50g Check Passed
10601202	31116	30	30	9/20/10 9:20	30	9/20/10 9:21	29.999	9/20/10 9:22	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/20/10 9:20	1.001	9/20/10 9:21	1.001	9/20/10 9:22	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/20/10

Comment. All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00=200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/20/10

Acceptance Limit: ± 0.1%

Bal. Checked by: JF

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.04	9/22/10 8:45	200.03	9/22/10 8:46	200.06	9/22/10 8:47	199.8	200.2	200g Check Passed
10203192	31116	100	100	9/22/10 8:45	100.01	9/22/10 8:46	100.02	9/22/10 8:47	99.9	100.1	100g Check Passed
10203192	31116	50	49.99	9/22/10 8:45	50	9/22/10 8:46	49.99	9/22/10 8:47	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/22/10 8:45	29.99	9/22/10 8:46	30	9/22/10 8:47	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/22/10 8:46	1	9/22/10 8:47	1	9/22/10 8:47	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/22/10 8:49	200	9/22/10 8:49	200	9/22/10 8:50	199.8	200.2	200g Check Passed
10304418	31116	100	100.01	9/22/10 8:49	100	9/22/10 8:49	100	9/22/10 8:50	99.9	100.1	100g Check Passed
10304418	31116	50	50.02	9/22/10 8:49	50	9/22/10 8:49	50	9/22/10 8:50	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/22/10 8:49	29.99	9/22/10 8:49	30	9/22/10 8:50	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/22/10 8:49	1	9/22/10 8:50	1	9/22/10 8:50	0.999	1.001	1g Check Passed
40706360	31116	150	149.9913	9/22/10 8:51	149.9912	9/22/10 8:52	149.9912	9/22/10 8:53	149.85	150.15	150g Check Passed
40706360	31116	100	99.9941	9/22/10 8:51	99.9941	9/22/10 8:52	99.9941	9/22/10 8:54	99.9	100.1	100g Check Passed
40706360	31116	50	49.997	9/22/10 8:52	49.997	9/22/10 8:53	49.997	9/22/10 8:54	49.95	50.05	50g Check Passed
40706360	31116	30	29.9981	9/22/10 8:52	29.9982	9/22/10 8:53	29.9981	9/22/10 8:54	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/22/10 8:52	0.9998	9/22/10 8:53	0.9998	9/22/10 8:54	0.999	1.001	1g Check Passed
10601202	31116	200	199.994	9/22/10 8:55	199.993	9/22/10 8:56	199.993	9/22/10 8:57	199.8	200.2	200g Check Passed
10601202	31116	100	99.998	9/22/10 8:56	99.997	9/22/10 8:56	99.996	9/22/10 8:57	99.9	100.1	100g Check Passed
10601202	31116	50	49.999	9/22/10 8:55	49.998	9/22/10 8:56	49.997	9/22/10 8:57	49.95	50.05	50g Check Passed
10601202	31116	30	29.999	9/22/10 8:56	30	9/22/10 8:56	30	9/22/10 8:57	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/22/10 8:56	1	9/22/10 8:56	1	9/22/10 8:57	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/22/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00=200 or 200.0010=200.001)

Reviewed by: MAW

Date 9/27/10

Acceptance Limit :± 0.1%

Bal. Checked by: JF

0129

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of six (6) water samples were received on 09/16/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 101246

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HS1003W0	ND	1	NA	1.00	0.400	09/17/1016:19	NA	HS100301	NA	HS1003W	NA	NA
MW-70-PMW09-A10	1246-02	ND	1	NA	1.00	0.400	09/17/1017:30	NA	HS100308	NA	HS1003W	09/15/1011:50	09/16/10
MW-70-PMW09-A10DUP	1246-02D	ND	1	NA	1.00	0.400	09/17/1017:45	NA	HS100309	NA	HS1003W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	ND	1	NA	1.00	0.400	09/17/1017:54	NA	HS100310	NA	HS1003W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	ND	1	NA	1.00	0.400	09/17/1018:05	NA	HS100311	NA	HS1003W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	ND	1	NA	1.00	0.400	09/17/1018:18	NA	HS100312	NA	HS1003W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	ND	1	NA	1.00	0.400	09/17/1018:28	NA	HS100313	NA	HS1003W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	ND	1	NA	1.00	0.400	09/17/1018:37	NA	HS100314	NA	HS1003W	09/16/1010:45	09/16/10

EMAX QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: INSIGHT SEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
METHOD: METHOD 4500F
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 101246 DATE RECEIVED: 09/16/10
SAMPLE ID: [illegible]-70-[illegible]09-A10DUP DATE EXTRACTED: NA
CONTROL NO.: 1246-02D DATE ANALYZED: 09/17/10 17:45

ACCESSION:

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Hydrogen Sulfide	ND	ND	0	20

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HSI003 Book #: ASD-026 Page: 27

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titrant V_t (ml)	Analysis Date mm/dd/yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag J	Unit
HSI0031	HSI003WB	100	5	4.93	09/17/10	16:19:31	0.2	ND		mg/L
HSI0032	HSI003WL	100	5	3.73	09/17/10	16:28:44	5.08	5.08		mg/L
HSI0033	HSI003WC	100	5	3.68	09/17/10	16:37:24	5.28	5.28		mg/L
HSI0034	I242-03	100	5	5	09/17/10	16:47:54	0	ND		mg/L
HSI0035	I242-04	100	5	5	09/17/10	17:00:47	0	ND		mg/L
HSI0036	I249-02	100	5	5	09/17/10	17:12:02	0	ND		mg/L
HSI0037	I249-03	100	5	5	09/17/10	17:23:11	0	ND		mg/L
HSI0038	I246-02	100	5	4.92	09/17/10	17:30:25	0.32	ND		mg/L
HSI00399	I246-020	100	5	4.9	09/17/10	17:45:31	0.4	ND		mg/L
HSI00310	I246-03	100	5	4.88	09/17/10	17:54:59	0.48	0.48	0.48J	mg/L
HSI00311	I246-04	100	5	4.86	09/17/10	18:05:03	0.56	0.56	999999999	mg/L
HSI00312	I246-05	100	5	4.94	09/17/10	18:18:26	0.24	ND		mg/L
HSI00313	I246-06	100	5	4.94	09/17/10	18:28:12	0.24	ND		mg/L
HSI00314	I246-07	100	5	4.9	09/17/10	18:37:27	0.4	ND		mg/L
HSI00315	I269-03	100	5	5	09/17/10	18:52:02	0	ND		mg/L
HSI00316	I269-03D	100	5	5	09/17/10	18:53:51	0	ND		mg/L
HSI00317	I269-04	100	5	4.96	09/17/10	19:03:37	0.16	ND		mg/L

9/17/10

STANDARDIZATION				
V_s (ml)	V_{water} (ml)	DATE	TIME	Titrant $Na_2S_2O_3$ (N)
Average Normality of Iodine (NI)=				0.025

☑ Standard Purchased as Certified Solution

$$N_I = \frac{(N * V)_{Na_2S_2O_3}}{V_I}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER/SOIL]	5.95	444	mg/L / mg/Kg
MDL [WATER/SOIL]	0.4	10	mg/L / mg/Kg
RL	2	20	mg/L / mg/Kg

$$S(mg/L) = \frac{[(V_I * N_I) - (V_t * N_t)](16{,}000)}{V_S}$$

MS/MSD	TV=	5.95	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments

Analyzed By: CJS

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Analytical Batch: HS1003

Method SM4500-S2-H

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10031	HS1003WB	ND	mg/L	9/17/10 16:19				ND	mg/L	
HS10032	HS1003WL	5.08	mg/L	9/17/10 16:28				#VALUE!	mg/L	
HS10033	HS1003WC	5.28	mg/L	9/17/10 16:37				#VALUE!	mg/L	
HS10034	I242-03	ND	mg/L	9/17/10 16:47	24.9	8.05	3480	ND	mg/L	
HS10035	I242-04	ND	mg/L	9/17/10 17:00	24.9	7.97	4280	ND	mg/L	
HS10036	I249-02	ND	mg/L	9/17/10 17:12	24.9	8	4550	ND	mg/L	
HS10037	I249-03	ND	mg/L	9/17/10 17:23	25	7.74	5280	ND	mg/L	
HS10038	I246-02	ND	mg/L	9/17/10 17:30	25	7.87	1272	ND	mg/L	
HS10039	I246-02D	ND	mg/L	9/17/10 17:43	25	7.84	1294	ND	mg/L	
HS100310	I246-03	0.48	mg/L	9/17/10 17:54	25	7.7	1869	0.07	mg/L	
HS100311	I246-04	0.56	mg/L	9/17/10 18:05	25	7.7	1814	0.08	mg/L	
HS100312	I246-05	ND	mg/L	9/17/10 18:18	25.1	7.32	4930	ND	mg/L	
HS100313	I246-06	ND	mg/L	9/17/10 18:28	25	6.88	5380	ND	mg/L	
HS100314	I246-07	ND	mg/L	9/17/10 18:37	25	6.88	5360	ND	mg/L	
HS100315	I269-03	ND	mg/L	9/17/10 18:52	25	7.91	4590	ND	mg/L	
HS100316	I269-03D	ND	mg/L	9/17/10 18:58	24.8	7.92	4550	ND	mg/L	
HS100317	I269-04	ND	mg/L	9/17/10 19:05	24.9	8.57	4130	ND	mg/L	

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-3}\,Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m}$$

$$H^+ = 10^{-pH+pf_m}$$

$$H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

Analyzed by: [illegible]

Reviewed by: [illegible]

Date: 9/17/10

Where: T(°K) = T(°C)+273.15 pK1=dissociation constant for zero ionic strength A= Debye-Huckel Parameter I= Ionic Strength pf=negative logarithm of the monovalent ion activity coefficient K'1= conditional ionization constant H+=Hydrogen ion concentration S_T=Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I246

METHOD SM5310B
TOC

A total of seven (7) water samples were received on 09/16/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI010WL/C were all within QC limits.
Percent recoveries for TCI012WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I246-02M/S were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SW5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, TR SITE 70.
Batch No. : 101246

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TC1012W6	ND	1	NA	1.00	0.500	09/28/1014:44	NA	TC1008-05	TC1008-02	TC1012W	NA	NA
LCS1W	TC1012WL	26.3	1	NA	1.00	0.500	09/28/1014:57	NA	TC1008-06	TC1008-02	TC1012W	NA	NA
LCD1W	TC1012WC	25.8	1	NA	1.00	0.500	09/28/1015:09	NA	TC1008-07	TC1008-02	TC1012W	NA	NA
DW-70-SHB13-A10	1246-01	110	4	NA	4.00	2.00	09/28/1017:55	NA	TC1008-09	TC1008-02	TC1012W	09/15/1010:41	09/16/10
MBLK2W	TC1010W8	ND	1	NA	1.00	0.500	09/24/1013:53	NA	TC1007-05	TC1007-02	TC1010W	NA	NA
LCS2W	TC1010WL	26.0	1	NA	1.00	0.500	09/24/1014:06	NA	TC1007-06	TC1007-02	TC1010W	NA	NA
LCD2W	TC1010WC	26.1	1	NA	1.00	0.500	09/24/1014:19	NA	TC1007-07	TC1007-02	TC1010W	NA	NA
MW-70-PMW09-A10	1246-02	1.05	1	NA	1.00	0.500	09/24/1023:04	NA	TC1007-29	TC1007-26	TC1010W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MS	1246-02M	27.0	1	NA	1.00	0.500	09/24/1023:16	NA	TC1007-30	TC1007-26	TC1010W	09/15/1011:50	09/16/10
MW-70-PMW09-A10MSD	1246-02S	27.0	1	NA	1.00	0.500	09/24/1023:29	NA	TC1007-31	TC1007-26	TC1010W	09/15/1011:50	09/16/10
MW-70-PMW10-A10	1246-03	1.20	1	NA	1.00	0.500	09/24/1023:40	NA	TC1007-32	TC1007-26	TC1010W	09/15/1012:35	09/16/10
MW-70-PMW10-A10-D	1246-04	1.32	1	NA	1.00	0.500	09/24/1023:51	NA	TC1007-33	TC1007-26	TC1010W	09/15/1012:40	09/16/10
MW-70-PMW12A-A10	1246-05	1.32	1	NA	1.00	0.500	09/25/1000:05	NA	TC1007-34	TC1007-26	TC1010W	09/16/1009:35	09/16/10
MW-70-PMW12B-A10-D	1246-06	2.47	1	NA	1.00	0.500	09/25/1000:15	NA	TC1007-35	TC1007-26	TC1010W	09/16/1010:52	09/16/10
MW-70-PMW12B-A10	1246-07	2.39	1	NA	1.00	0.500	09/25/1000:28	NA	TC1007-36	TC1007-26	TC1010W	09/16/1010:45	09/16/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: TC1010WB TC1010WL TC1010WC
LAB FILE ID: TC1007-05 TC1007-06 TC1007-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/24/1013:53 09/24/1014:06 09/24/1014:19 DATE RECEIVED: NA
PREP. BATCH: TC1010W TC1010W TC1010W
CALIB. REF: TC1007-02 TC1007-02 TC1007-02

ACCESSION:

PARAMETER	BLK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	26.0	104	25.0	26.1	104	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10246
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: TC1012WB TC1012WL TC1012WC
LAB FILE ID: TC1008-05 TC1008-06 TC1008-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/28/1014:44 09/28/1014:57 09/28/1015:09 DATE RECEIVED: NA
PREP. BATCH: TC1012W TC1012W TC1012W
CALIB. REF: TC1008-02 TC1008-02 TC1008-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	26.3	105	25.0	25.8	103	2	85-115	20

EHAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101246
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MW-70-PMWC9-A10
LAB SAMP ID: 1246-02 1246-02M 1246-02S
LAB FILE ID: TC1007-29 TC1007-30 TC1007-31
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/15/10 11:50
DATE ANALYZED: 09/24/1023:04 09/24/1023:16 09/24/1023:29 DATE RECEIVED: 09/16/10
PREP. BATCH: TC1010W TC1010W TC1010W
CALIB. REF: TC1007-26 TC1007-26 TC1007-26

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	1.35	25.0	27.0	104	25.0	27.0	104	0	75-125	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/24/10 12:11
end (date & time) 9/25/10 06:32

TCI060W / TCI011W:
WI 240-09
WI 270-02 → 04, 07, 09
WI 285-02 → 04, 06 → 09
WI 296-01 → 07
WI 244-02 → 05
WI 241-03, 04
WI 269-03 → 05
WI 249-02, 03
WI 307-01, 03, 05, 06, 07, 08

Dispette: SW3-01-24
SW3-01-33
3314-01-4

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI007
Method File:	TCI007
Analytical Batch:	TCI060W / TCI011W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW103-04-002	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW103-04-003	25
CCV	SW103-04-004	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ TOC	9/27/10
☐	

Analyzed By: AM

Date: 9/24/10

	Type	Analysi	Sample Name	Sample ID	ObjectID	Origin	Diluti	Result	Comment
1	Standard	NPOC	ICAL	TCI007-01	0A-123456	C:\Progr	1.00		
2	Control	NPOC	ICV	TCI007-02	0A-123456	C:\Progr	1.00	NPOC:25.52 mg/L	
3	Unknown	NPOC	ICB	TCI007-03	0A-123456	C:\Progr	1.00	NPOC:0.09126 mg	
4	Unknown	NPOC	HCO3\CO3	TCI007-04	0A-123456	C:\Progr	1.00	NPOC:0.3917 mg/L	
5	Unknown	NPOC	TCI010WB	TCI007-05	0A-123456	C:\Progr	1.00	NPOC:0.08437 mg	
6	Unknown	NPOC	TCI010WL	TCI007-06	0A-123456	C:\Progr	1.00	NPOC:25.99 mg/L	
7	Unknown	NPOC	TCI010WC	TCI007-07	0A-123456	C:\Progr	1.00	NPOC:26.11 mg/L	
8	Unknown	NPOC	10I240-09	TCI007-08	0A-123456	C:\Progr	1.00	NPOC:14.03 mg/L	PH<2
9	Unknown	NPOC	10I270-02	TCI007-09	0A-123456	C:\Progr	1.00	NPOC:10.93 mg/L	PH<2
10	Unknown	NPOC	10I270-03	TCI007-10	0A-123456	C:\Progr	1.00	NPOC:2.062 mg/L	PH<2
11	Unknown	NPOC	10I270-04	TCI007-11	0A-123456	C:\Progr	1.00	NPOC:1.555 mg/L	PH<2
12	Unknown	NPOC	10I270-07	TCI007-12	0A-123456	C:\Progr	1.00	NPOC:2.879 mg/L	PH<2
13	Unknown	NPOC	10I270-08	TCI007-13	0A-123456	C:\Progr	1.00	NPOC:2.593 mg/L	PH<2
14	Control	NPOC	CCV1	TCI007-14	0A-123456	C:\Progr	1.00	NPOC:24.48 mg/L	
15	Unknown	NPOC	CCB1	TCI007-15	0A-123456	C:\Progr	1.00	NPOC:0.08703 mg	
16	Unknown	NPOC	10I285-02	TCI007-16	0A-123456	C:\Progr	1.00	NPOC:0.9044 mg/L	PH<2
17	Unknown	NPOC	10I285-02D	TCI007-17	0A-123456	C:\Progr	1.00	NPOC:1.193 mg/L	
18	Unknown	NPOC	10I285-02M	TCI007-18	0A-123456	C:\Progr	1.00	NPOC:27.40 mg/L	
19	Unknown	NPOC	10I285-02S	TCI007-19	0A-123456	C:\Progr	1.00	NPOC:27.75 mg/L	
20	Unknown	NPOC	10I285-03	TCI007-20	0A-123456	C:\Progr	1.00	NPOC:6.896 mg/L	PH<2
21	Unknown	NPOC	10I285-04	TCI007-21	0A-123456	C:\Progr	1.00	NPOC:95.29 mg/L	PH<2 over
22	Unknown	NPOC	10I285-06	TCI007-22	0A-123456	C:\Progr	1.00	NPOC:1.500 mg/L	PH<2 Am 9/28/10
23	Unknown	NPOC	10I285-07	TCI007-23	0A-123456	C:\Progr	1.00	NPOC:2.279 mg/L	PH<2
24	Unknown	NPOC	10I285-08	TCI007-24	0A-123456	C:\Progr	1.00	NPOC:1.333 mg/L	PH<2
25	Unknown	NPOC	10I285-09	TCI007-25	0A-123456	C:\Progr	1.00	NPOC:1.981 mg/L	PH<2
26	Control	NPOC	CCV2	TCI007-26	0A-123456	C:\Progr	1.00	NPOC:24.70 mg/L	
27	Unknown	NPOC	CCB2	TCI007-27	0A-123456	C:\Progr	1.00	NPOC:0.08407 mg	
28	Unknown	NPOC	10I246-01	TCI007-28	0A-123456	C:\Progr	1.00	NPOC:114.7 mg/L	PH<2 over
29	Unknown	NPOC	10I246-02	TCI007-29	0A-123456	C:\Progr	1.00	NPOC:1.047 mg/L	PH<2 Am 9/28/10
30	Unknown	NPOC	10I246-02M	TCI007-30	0A-123456	C:\Progr	1.00	NPOC:27.03 mg/L	
31	Unknown	NPOC	10I246-02S	TCI007-31	0A-123456	C:\Progr	1.00	NPOC:27.00 mg/L	
32	Unknown	NPOC	10I246-03	TCI007-32	0A-123456	C:\Progr	1.00	NPOC:1.198 mg/L	PH<2
33	Unknown	NPOC	10I246-04	TCI007-33	0A-123456	C:\Progr	1.00	NPOC:1.320 mg/L	PH<2
34	Unknown	NPOC	10I246-05	TCI007-34	0A-123456	C:\Progr	1.00	NPOC:1.315 mg/L	PH<2
35	Unknown	NPOC	10I246-06	TCI007-35	0A-123456	C:\Progr	1.00	NPOC:2.477 mg/L	PH<2
36	Unknown	NPOC	10I246-07	TCI007-36	0A-123456	C:\Progr	1.00	NPOC:2.393 mg/L	PH<2
37	Control	NPOC	CCV3	TCI007-37	0A-123456	C:\Progr	1.00	NPOC:25.12 mg/L	
38	Unknown	NPOC	CCB3	TCI007-38	0A-123456	C:\Progr	1.00	NPOC:0.3624 mg/L	
39	Unknown	NPOC	TCI011WL	TCI007-39	0A-123456	C:\Progr	1.00	NPOC:26.47 mg/L	
40	Unknown	NPOC	TCI011WC	TCI007-40	0A-123456	C:\Progr	1.00	NPOC:26.29 mg/L	
41	Unknown	NPOC	TCI011WB	TCI007-41	0A-123456	C:\Progr	1.00	NPOC:0.05635 mg	
42	Unknown	NPOC	10I244-02	TCI007-42	0A-123456	C:\Progr	1.00	NPOC:4.756 mg/L	PH<2
43	Unknown	NPOC	10I244-03	TCI007-43	0A-123456	C:\Progr	1.00	NPOC:0.9833 mg/L	PH<2
44	Unknown	NPOC	10I244-04	TCI007-44	0A-123456	C:\Progr	1.00	NPOC:14.90 mg/L	PH<2
45	Unknown	NPOC	10I244-05	TCI007-45	0A-123456	C:\Progr	1.00	NPOC:1.671 mg/L	PH<2
46	Unknown	NPOC	10I242-03	TCI007-46	0A-123456	C:\Progr	4.00	NPOC:2.980 mg/L	PH<2 DF=4
47	Unknown	NPOC	10I242-04	TCI007-47	0A-123456	C:\Progr	4.00	NPOC:~~4.777 mg/L~~ [illegible] mg/L	PH<2 DF=4 Am 9/28/10
48	Control	NPOC	CCV4	TCI007-48	0A-123456	C:\Progr	1.00	NPOC:25.27 mg/L	
49	Unknown	NPOC	CCB4	TCI007-49	0A-123456	C:\Progr	1.00	NPOC:0.3328 mg/L	
50	Unknown	NPOC	10I269-03	TCI007-50	0A-123456	C:\Progr	4.00	NPOC:3.639 mg/L	PH<2 DF=4
51	Unknown	NPOC	10I269-03M	TCI007-51	0A-123456	C:\Progr	4.00	NPOC:106.5 mg/L	DF=4
52	Unknown	NPOC	10I269-03S	TCI007-52	0A-123456	C:\Progr	4.00	NPOC:109.1 mg/L	DF=4
53	Unknown	NPOC	10I269-04	TCI007-53	0A-123456	C:\Progr	4.00	NPOC:2.845 mg/L	PH<2 DF=4
54	Unknown	NPOC	10I269-05	TCI007-54	0A-123456	C:\Progr	1.00	NPOC:4.175 mg/L	PH<2
55	Unknown	NPOC	10I249-02	TCI007-55	0A-123456	C:\Progr	4.00	NPOC:2.651 mg/L	PH<2 DF=4
56	Unknown	NPOC	10I249-03	TCI007-56	0A-123456	C:\Progr	4.00	NPOC:2.896 mg/L	PH<2 DF=4
57	Control	NPOC	CCV5	TCI007-57	0A-123456	C:\Progr	1.00	NPOC:25.32 mg/L	
58	Unknown	NPOC	CCB5	TCI007-58	0A-123456	C:\Progr	1.00	NPOC:0.08136 mg	
59	Unknown	NPOC	10I307-02	TCI007-59	0A-123456	C:\Progr	4.00	NPOC:471.5 mg/L	PH<2 DF=4 over
60	Unknown	NPOC	10I307-03	TCI007-60	0A-123456	C:\Progr	20.0	NPOC:3962 mg/L	PH<2 DF=20 over
61	Unknown	NPOC	10I307-05	TCI007-61	0A-123456	C:\Progr	4.00	NPOC:430.1 mg/L	PH<2 DF=4 over
62	Unknown	NPOC	10I307-06	TCI007-62	0A-123456	C:\Progr	1.00	NPOC:9.631 mg/L	PH<2
63	Unknown	NPOC	10I307-07	TCI007-63	0A-123456	C:\Progr	1.00	NPOC:2.847 mg/L	PH<2
64	Unknown	NPOC	10I307-08	TCI007-64	0A-123456	C:\Progr	1.00	NPOC:2.454 mg/L	PH<2
65	Control	NPOC	CCV6	TCI007-65	0A-123456	C:\Progr	1.00	NPOC:25.16 mg/L	
66	Unknown	NPOC	CCB6	TCI007-66	0A-123456	C:\Progr	1.00	NPOC:0.1719 mg/L	
67									

Am 9/28/10

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

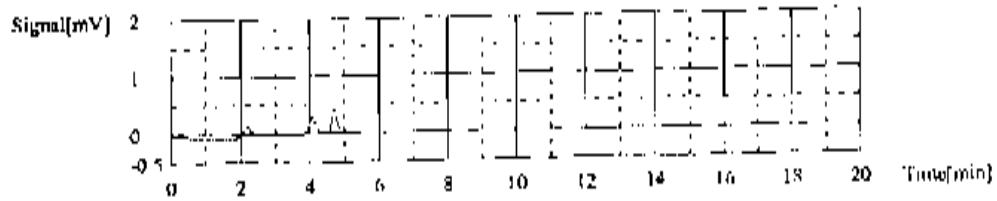
Sample Name:	ICAL
Sample ID:	TCI007.01
Cal. Curve	TCI007.2010_09_24_12_03_24.cal

Type	Anal.
Standard	NPOC

Conc: 0.000 mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1*	0.000	50uL	1	******		09/24/10 12:11:34 PM
2	0.000	50uL	1	******		09/24/10 12:13:37 PM
3	0.2602	50uL	1	******		09/24/10 12:14:24 PM
4	0.3727	50uL	1	******		09/24/10 12:15:10 PM

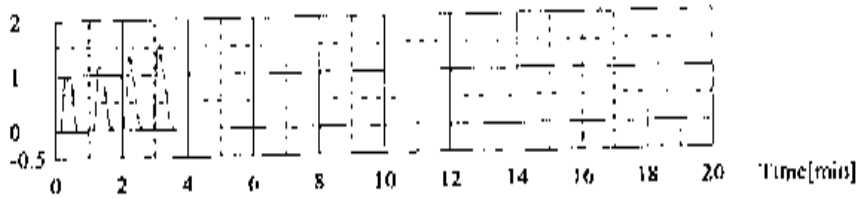
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.1603



Conc: 1.000 mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.111	50uL	10	******		09/24/10 12:23:19 PM
2	2.124	50uL	10	******		09/24/10 12:24:23 PM
3	2.1[illegible]	50uL	10	******		09/24/10 12:25:28 PM
4	2.79[illegible]	50uL	10	******		09/24/10 12:26:33 PM

Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.303



Conc: 5.000 mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.3[illegible]	50uL	2	******		09/24/10 12:32:48 PM
2	10.1[illegible]	50uL	2	******		09/24/10 12:33:57 PM
3	10.2[illegible]	50uL	2	******		09/24/10 12:35:06 PM
4	10.75	50uL	2	******		09/24/10 12:36:16 PM

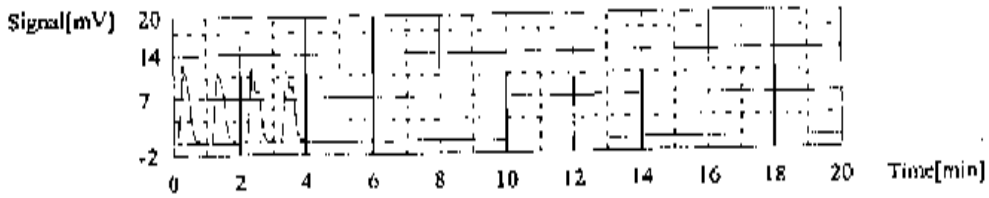
2171

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.35

Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	20.52	50uL	1			09/24/10 12:41:49 PM
2	20.10	50uL	1			09/24/10 12:43:01 PM
3	21.14	50uL	1			09/24/10 12:44:13 PM
4	21.11	50uL	1			09/24/10 12:45:24 PM

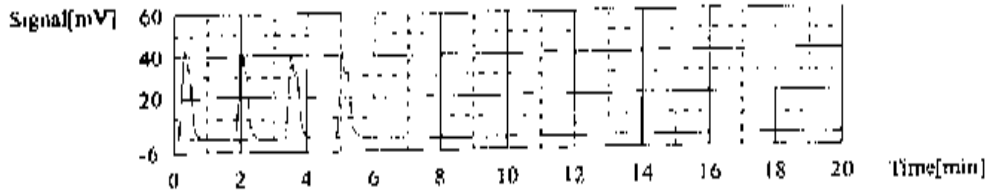
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 21.04



Conc: 40.00 mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	78.[illegible]	50uL	2			09/24/10 12:54:16 PM
2	79.11	50uL	2			09/24/10 12:55:55 PM
3	75.[illegible]	50uL	2			09/24/10 12:57:37 PM
4	74.52	50uL	2			09/24/10 12:59:21 PM

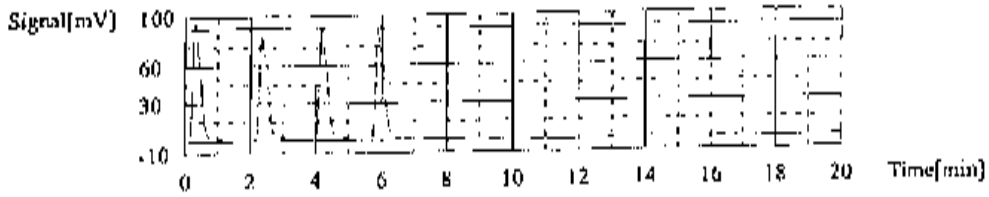
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 79.22



Conc: 80.00 mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	160.[illegible]	50uL	1			09/24/10 01:05:54 PM
2	158.3	50uL	1			09/24/10 01:07:04 PM
3	16[illegible]	50uL	1			09/24/10 01:09:46 PM
4	160.[illegible]	50uL	1			09/24/10 01:11:36 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 159.7



Slope: [illegible]
Intercept 0.00[illegible]
r^2 0.99[illegible]

Control Sample

Sample Name: ICV
Sample ID: 7CI007.02
Method: TCI007.tpl
Chk. Result: Control value: 25.52 / Control exceeds range!

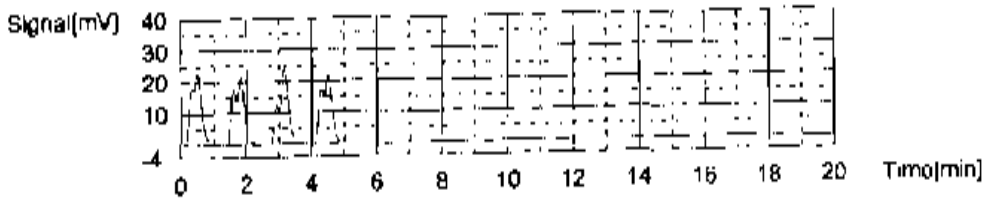
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC 25.52 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	49.[illegible]	25.06mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:19:35 PM
2	50.[illegible]	25.[illegible]mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:21:06 PM
3	50.96	25.[illegible]mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:22:36 PM
4	51.01	25.96mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:24:04 PM

Mean Area: 50.73
Mean Conc: 25.52mg/L



Sample

Sample Name: ICB
Sample ID: TCI007.03
Origin: TCI007.cal
Chk. Result:

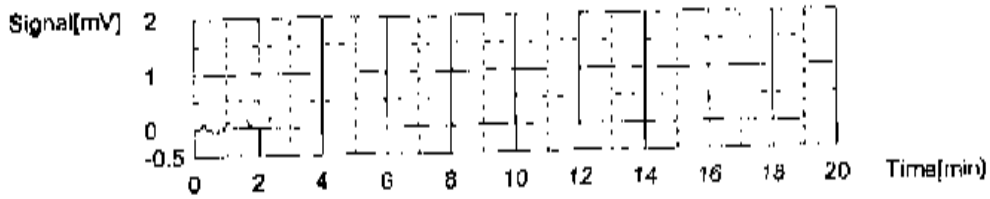
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC 0.09126 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.14[illegible]	0.0710mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:31:17 PM
2	0.1[illegible]	0.0761mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:32:04 PM
3	0.1[illegible]	0.09[illegible]mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:32:59 PM
4	0.5[illegible]	0.1202mg/L	50uL	1		TCI007.2010_09_24_12_03_24.cal	09/24/10 01:33:45 PM

Mean Area: 0.1014
Mean Conc: 0.09126mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/28/10 1305

end (date & time) 9/29/10 05:29

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI008
Method File:	TCI008
Analytical Batch:	TCI012W TCI013W

TCI012W / TCI013W:

10I285-04

10I302-02,03,05,06

10I246-01

10I305-01,02

10I299-01

10I264-01→10

10I376-01

10I375-02

10I329-02→05

10I373-02

10I348-02→06

10I304-03,04

10I284-03→05, 01

10I342-02→06

10I265-01,08

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-04-002	1
S2		5
S3		10
S4		40
S5		80
S6		—
ICV/LCS	SW10B-04-005	25
CCV	SW10B-04-006	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Pipette: SW3-01-24

SW3-01-33

SJ1A-01-4

Analyzed By: AM

Date: 9/28/10

	Type	Analysl	Sample Name	Sample ID	ObjectID	Origin	Dilut	Result	Comment
1	Standard	NPOC	ICAL	TCI008-01	0A-123456	C:\Progr	1.00		
2	Control	NPOC	ICV	TCI008-02	0A-123456	C:\Progr	1.00	NPOC:25.93 mg/L	
3	Unknown	NPOC	ICB	TCI008-03	0A-123456	C:\Progr	1.00	NPOC:0.1202 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI008-04	0A-123456	C:\Progr	1.00	NPOC:0.3803 mg/L	
5	Unknown	NPOC	TCI012WR	TCI008-05	0A-123456	C:\Progr	1.00	NPOC:0.08960 mg	
6	Unknown	NPOC	TCI012WL	TCI008-06	0A-123456	C:\Progr	1.00	NPOC:26.32 mg/L	
7	Unknown	NPOC	TCI012WC	TCI008-07	0A-123456	C:\Progr	1.00	NPOC:25.79 mg/L	
8	Unknown	NPOC	10I285-04T	TCI008-08	0A-123456	C:\Progr	4.00	NPOC:92.24 mg/L	DF=4
9	Unknown	NPOC	10I246-01T	TCI008-09	0A-123456	C:\Progr	4.00	NPOC:110.2 mg/L	DF=4
10	Unknown	NPOC	10I307-02T	TCI008-10	0A-123456	C:\Progr	20.0	NPOC:455.9 mg/L	DF=20
11	Unknown	NPOC	10I307-03T	TCI008-11	0A-123456	C:\Progr	200.	NPOC:3647 mg/L	DF=200
12	Unknown	NPOC	10I307-05T	TCI008-12	0A-123456	C:\Progr	20.0	NPOC:406.6 mg/L	DF=20
13	Unknown	NPOC	10I307-06R	TCI008-13	0A-123456	C:\Progr	1.00	NPOC:9.446 mg/L	
14	Control	NPOC	CCV1	TCI008-14	0A-123456	C:\Progr	1.00	NPOC:25.48 mg/L	
15	Unknown	NPOC	CCB1	TCI008-15	0A-123456	C:\Progr	1.00	NPOC:0.1009 mg/L	
16	Unknown	NPOC	10I305-01	TCI008-16	0A-123456	C:\Progr	1.00	NPOC:146.5 mg/L	PH<2
17	Unknown	NPOC	10I305-02	TCI008-17	0A-123456	C:\Progr	1.00	NPOC:3.497 mg/L	PH<2
18	Unknown	NPOC	10I305-02D	TCI008-18	0A-123456	C:\Progr	1.00	NPOC:3.520 mg/L	
19	Unknown	NPOC	10I305-02M	TCI008-19	0A-123456	C:\Progr	1.00	NPOC:29.74 mg/L	
20	Unknown	NPOC	10I305-02S	TCI008-20	0A-123456	C:\Progr	1.00	NPOC:29.94 mg/L	
21	Unknown	NPOC	10I349-01	TCI008-21	0A-123456	C:\Progr	1.00	NPOC:1.448 mg/L	PH<2
22	Unknown	NPOC	10I264-07	TCI008-22	0A-123456	C:\Progr	1.00	NPOC:10.79 mg/L	PH<2
23	Unknown	NPOC	10I264-08	TCI008-23	0A-123456	C:\Progr	1.00	NPOC:10.38 mg/L	PH<2
24	Unknown	NPOC	10I264-09	TCI008-24	0A-123456	C:\Progr	1.00	NPOC:9.130 mg/L	PH<2
25	Unknown	NPOC	10I264-10	TCI008-25	0A-123456	C:\Progr	1.00	NPOC:10.09 mg/L	PH<2
26	Control	NPOC	CCV2	TCI008-26	0A-123456	C:\Progr	1.00	NPOC:26.09 mg/L	
27	Unknown	NPOC	CCB2	TCI008-27	0A-123456	C:\Progr	1.00	NPOC:~~0.5275 mg/L~~	0.2211 mg/L Am 9/14/10
28	Unknown	NPOC	10I376-01	TCI008-28	0A-123456	C:\Progr	1.00	NPOC:2.524 mg/L	PH<2
29	Unknown	NPOC	10I375-02	TCI008-29	0A-123456	C:\Progr	1.00	NPOC:3.733 mg/L	PH<2
30	Unknown	NPOC	10I329-02	TCI008-30	0A-123456	C:\Progr	1.00	NPOC:1.184 mg/L	PH<2
31	Unknown	NPOC	10I329-03	TCI008-31	0A-123456	C:\Progr	1.00	NPOC:1.180 mg/L	PH<2
32	Unknown	NPOC	10I329-04	TCI008-32	0A-123456	C:\Progr	1.00	NPOC:1.036 mg/L	PH<2
33	Unknown	NPOC	10I329-05	TCI008-33	0A-123456	C:\Progr	1.00	NPOC:1.547 mg/L	PH<2
34	Unknown	NPOC	10I373-02	TCI008-34	0A-123456	C:\Progr	1.00	NPOC:1.060 mg/L	PH<2
35	Unknown	NPOC	TCI013WL	TCI008-35	0A-123456	C:\Progr	1.00	NPOC:26.09 mg/L	
36	Unknown	NPOC	TCI013WC	TCI008-36	0A-123456	C:\Progr	1.00	NPOC:26.20 mg/L	
37	Unknown	NPOC	TCI013WR	TCI008-37	0A-123456	C:\Progr	1.00	NPOC:0.2617 mg/L	
38	Control	NPOC	CCV3	TCI008-38	0A-123456	C:\Progr	1.00	NPOC:25.51 mg/L	
39	Unknown	NPOC	CCB3	TCI008-39	0A-123456	C:\Progr	1.00	NPOC:0.1595 mg/L	
40	Unknown	NPOC	10I348-02	TCI008-40	0A-123456	C:\Progr	1.00	NPOC:1.734 mg/L	PH<2
41	Unknown	NPOC	10I348-02D	TCI008-41	0A-123456	C:\Progr	1.00	NPOC:1.759 mg/L	
42	Unknown	NPOC	10I348-02M	TCI008-42	0A-123456	C:\Progr	1.00	NPOC:28.06 mg/L	
43	Unknown	NPOC	10I348-02S	TCI008-43	0A-123456	C:\Progr	1.00	NPOC:27.92 mg/L	
44	Unknown	NPOC	10I348-03	TCI008-44	0A-123456	C:\Progr	1.00	NPOC:1.334 mg/L	PH<2
45	Unknown	NPOC	10I348-04	TCI008-45	0A-123456	C:\Progr	1.00	NPOC:6.192 mg/L	PH<2
46	Unknown	NPOC	10I348-05	TCI008-46	0A-123456	C:\Progr	1.00	NPOC:2.433 mg/L	PH<2
47	Unknown	NPOC	10I348-06	TCI008-47	0A-123456	C:\Progr	1.00	NPOC:7.352 mg/L	PH<2
48	Unknown	NPOC	10I304-03	TCI008-48	0A-123456	C:\Progr	4.00	NPOC:3.176 mg/L	PH<2 DF=4
49	Unknown	NPOC	10I304-04	TCI008-49	0A-123456	C:\Progr	4.00	NPOC:4.262 mg/L	PH<2 DF=4
50	Control	NPOC	CCV4	TCI008-50	0A-123456	C:\Progr	1.00	NPOC:25.72 mg/L	
51	Unknown	NPOC	CCB4	TCI008-51	0A-123456	C:\Progr	1.00	NPOC:0.05648 mg	
52	Unknown	NPOC	10I284-03	TCI008-52	0A-123456	C:\Progr	4.00	NPOC:3.095 mg/L	PH<2 DF=4
53	Unknown	NPOC	10I284-04	TCI008-53	0A-123456	C:\Progr	4.00	NPOC:4.053 mg/L	PH<2 DF=4
54	Unknown	NPOC	10I284-05	TCI008-54	0A-123456	C:\Progr	4.00	NPOC:3.470 mg/L	PH<2 DF=4
55	Unknown	NPOC	10I284-07	TCI008-55	0A-123456	C:\Progr	4.00	NPOC:4.168 mg/L	PH<2 DF=4
56	Unknown	NPOC	10I347-02	TCI008-56	0A-123456	C:\Progr	1.00	NPOC:~~1.617 mg/L~~	1.167 mg/L PH<2 Am 9/14/10
57	Unknown	NPOC	10I347-03	TCI008-57	0A-123456	C:\Progr	1.00	NPOC:2.839 mg/L	PH<2
58	Unknown	NPOC	10I347-04	TCI008-58	0A-123456	C:\Progr	1.00	NPOC:1.257 mg/L	PH<2
59	Unknown	NPOC	10I347-05	TCI008-59	0A-123456	C:\Progr	1.00	NPOC:28.95 mg/L	PH<2
60	Unknown	NPOC	10I347-06	TCI008-60	0A-123456	C:\Progr	1.00	NPOC:1.859 mg/L	PH<2
61	Control	NPOC	CCV5	TCI008-61	0A-123456	C:\Progr	1.00	NPOC:25.01 mg/L	
62	Unknown	NPOC	CCB5	TCI008-62	0A-123456	C:\Progr	1.00	NPOC:0.2074 mg/L	
63	Unknown	NPOC	10I265-07	TCI008-63	0A-123456	C:\Progr	1.00	NPOC:11.78 mg/L	PH<2 DF=10
64	Unknown	NPOC	10I265-08	TCI008-64	0A-123456	C:\Progr	1.00	NPOC:0.2581 mg/L	PH<2
65	Control	NPOC	CCV6	TCI008-65	0A-123456	C:\Progr	1.00	NPOC:25.79 mg/L	FINAL
66	Unknown	NPOC	CCB6	TCI008-66	0A-123456	C:\Progr	1.00	NPOC:0.07371 mg	
67									

Am 9/27/10

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

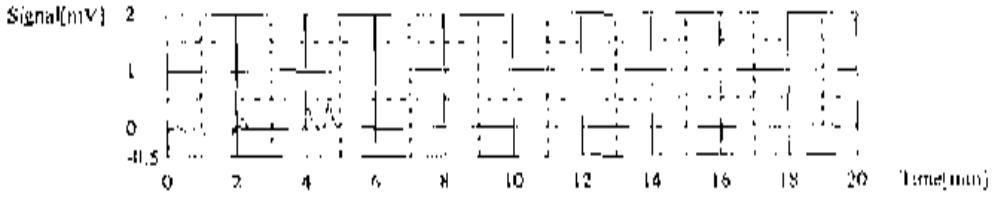
Sample Name	IGAL
Sample ID	TC1008-01
Cal. Curve:	TC1008.2010_09_28_12_54_49.cal

Type	Anal.
Standard	NPOC

Conc. 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	******		09/28/10 01:03:00 PM
2	0.000	50uL	1	******		09/28/10 01:05:04 PM
3	0.3522	50uL	1	******		09/28/10 01:05:50 PM
4	0.4407	50uL	1	******		09/28/10 01:06:37 PM

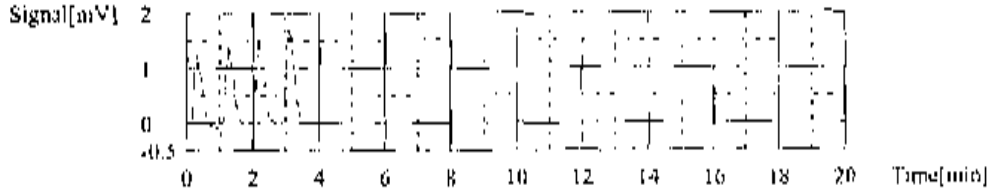
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.1982



Conc. 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.108	50uL	10	******		09/28/10 01:14:45 PM
2	2.245	50uL	10	******		09/28/10 01:15:50 PM
3	2.306	50uL	10	******		09/28/10 01:16:46 PM
4	2.358	50uL	10	******		09/28/10 01:18:01 PM

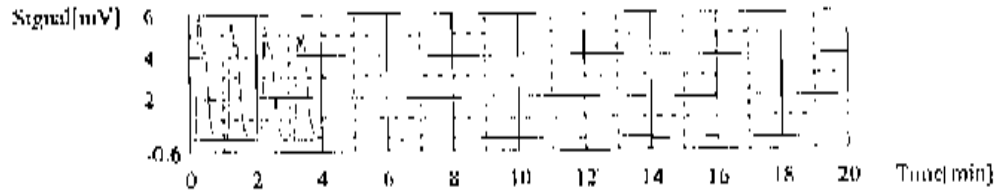
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.339



Conc. 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.55	50uL	2	******		09/28/10 01:24:14 PM
2	10.64	50uL	2	******		09/28/10 01:25:25 PM
3	10.66	50uL	2	******		09/28/10 01:26:36 PM
4	11.13	50uL	2	******		09/28/10 01:27:51 PM

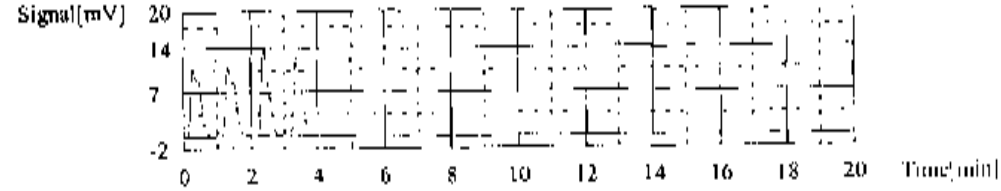
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 19.75



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Adj Dil	Rem.	Ex.	Date / Time
1	20.78	50uL	1			09/28/10 01:33:25 PM
2	21.43	50uL	1			09/28/10 01:34:46 PM
3	21.51	50uL	1			09/28/10 01:35:47 PM
4	21.48	50uL	1			09/28/10 01:36:57 PM

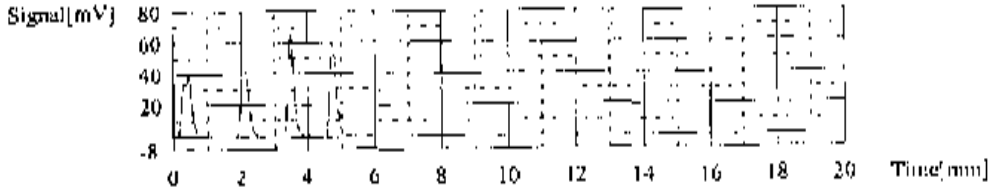
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.39



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Adj Dil	Rem.	Ex.	Date / Time
1	79.03	50uL	2			09/28/10 01:45:02 PM
2	80.60	50uL	2			09/28/10 01:47:28 PM
3	80.52	50uL	2			09/28/10 01:48:53 PM
4	82.06	50uL	2			09/28/10 01:50:22 PM

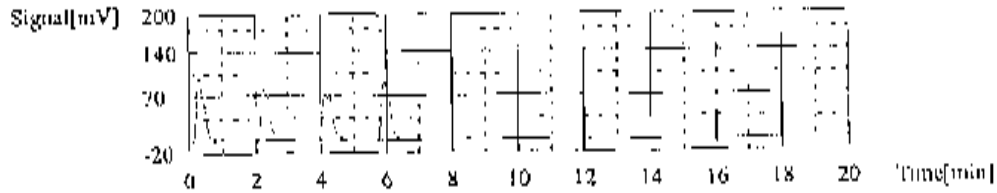
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 80.56



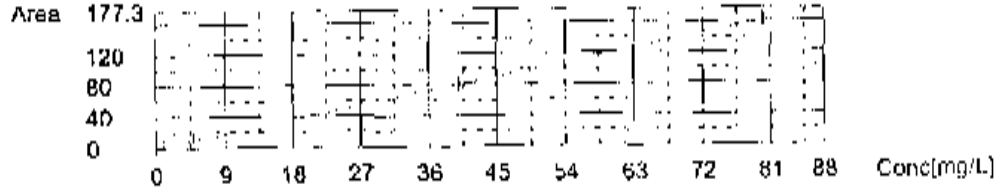
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Adj. Dil	Rem.	Ex.	Date / Time
1	161.9	50uL	1			09/28/10 01:56:50 PM
2	161.8	50uL	1			09/28/10 01:58:54 PM
3	160.0	50uL	1			09/28/10 02:00:51 PM
4	162.8	50uL	1			09/28/10 02:02:44 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 161.9



Slope. 2.015
Intercept 0.000
r^2 0.999950



Control Sample

Sample Name: ICV
Sample ID: TCI008-02
Method: TCI008.tpl
Chk. Result: Control value: 25.93 / Control exceeds range!

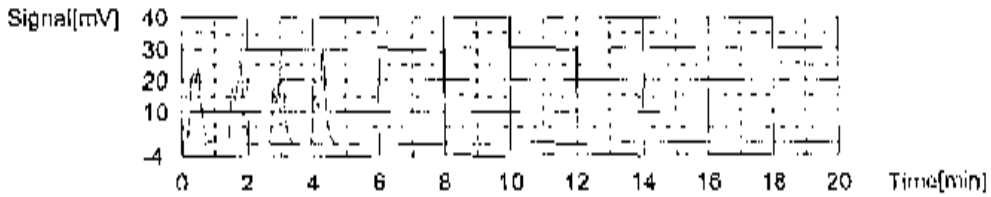
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC 25.93 mg/L

1. Det

Anal : NPOC

No	Area	Conc.	Inj. Vol	Add. Dil.	Ex.	Cal. Curve	Date / Time
1	51.34	25.48mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:10:42 PM
2	52.23	25.92mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:12:08 PM
3	52.38	26.00mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:13:34 PM
4	52.59	26.30mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:15:00 PM

Mean Area: 52.24
Mean Conc.: 25.93mg/L



Sample

Sample Name: ICB
Sample ID: TCI008-03
Origin: TCI008.cal
Chk. Result:

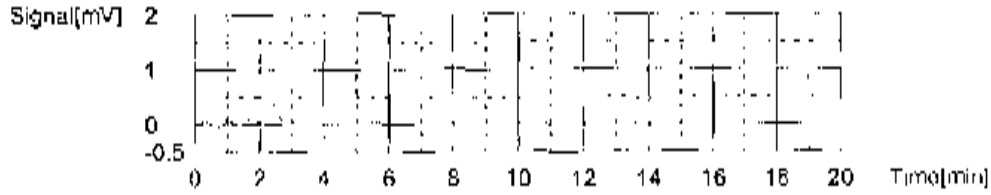
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC 0.1202 mg/L

1. Det

Anal.: NPOC

No	Area	Conc.	Inj. Vol.	Add. Dil.	Ex.	Cal. Curve	Date / Time
1	0.1618	0.0803mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:22:13 PM
2	0.1590	0.07882mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:23:06 PM
3	0.1890	0.09381mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:23:59 PM
4	0.4588	0.2277mg/L	50uL	1		TCI008.2010_09_28_12_54_49.cal	09/28/10 02:24:56 PM

Mean Area: 0.2422
Mean Conc.: 0.1202mg/L



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CLIENT: INSIGHT EEC, INC.

PROJECT: NWS SEAL BEACH, IR SITE 70.

SDG: 10I266

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GC/MS-SVOA	**	3000 --
GC-VOA	**	4000 –
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-07-2010
EMAX Batch No.: 101266

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/17/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-PDC01-A10	I266-01	09/17/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-55-A10	I266-02	09/17/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-23-A10	I266-03	09/17/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-16-A10	I266-04	09/17/10	WATER	VOLATILE ORGANICS BY GC/MS
TRIP BLANK-TB-9/17/10	I266-05	09/17/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for

Casper J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

IN10801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO.* 10I266
PROJECT CODE: 4-14114

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714-678-6700 FAX: 714-678-6711 EMAIL: NWEINBERGER@IEECI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT EEC INC.
ADDRESS: 13010 E MIRALOMA AVE
ANAHEIM, CA 92806
EMAX PM: YE MYINT

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil Sediment; WI=Wipe; PP=Pure Products; AIR=Air; O=
PRESERVATIVE CODE: IC=Ice; HC=HCl; HN=HNO3; SH=NaOH; ST=Na2S2O3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	COMMENTS
1	MW-70-POC01-A10	IR 70	0910	9/17/10	3	40mL	VOA	GW	III	X	
2	MW-70-35-A10	↓	1000	↓	3	40mL	VOA	↓	↓	X	
3	MW-70-23-A10	↓	1100	↓	3	40mL	VOA	↓	↓	X	
4	MW-70-16-A10	↓	1210	↓	3	40mL	VOA	↓	↓	X	
A											
B											
5 C	TRIP BLANK-TB9/17/10	IR 70	0700	9/17/10	3	40mL	VOA	GW	III	X	TRIP BLANK
D											
E											
F											

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.6	

SAMPLER: ANDREW ESPINOZA

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
	9/17/10	1830	
	9/17/10	1330	

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

10I266

Type of Delivery	Delivered By/Airbill	
☐ EMAX Courier	SEE G.C.	ECN 10I266 V. 9/17
☐ Client Delivery		Receipt L-LUNA
☐ Third Party		Date 9-17-10
		Time 1530

COC Inspection

☐ Client Name	☐ PM/FC	☐ Sampler Name	☐ Sampling Date/Time/Location	☐ Sample ID	☐ Matrix
☐ Address	☐ Tel # / Fax #	☐ Courier Signature	☐ Analysis Required	☐ Preservative (If any)	☐ DWT

Safety Issues ☐ None ☐ High concentration expected ☐ Superfund Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container	☐ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☐ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Sufficient	☐ _____
Temperature (Cool, 55 °C but not frozen)	B ☐ Cooler 1 3.6 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Thermometer: *A - S/N 101541371* *B - S/N 101541382*

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling _____ Date 9/17/10

SRF _____ Date 9/20/10

PM LP for YG Date 9/21/10

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vs. & vs. label	D3	Date and/or time is inconsistent in COC vs. & vs. label	R3	Refer to attached instructions
A4	_____	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	_____
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	_____
B3	Sample ID is inconsistent in COC vs. & vs. label	F2	Bubble (≥ 6 mm)		
B4	_____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	_____		
C4	_____	H2	_____		

1002

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I266

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I266

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of five (5) water samples were received on 09/17/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO06I25L/C were all within QC limits.
Percent recoveries for VO06I26L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 101266
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : F-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006125O	1	NA	09/27/1011:59	09/27/1011:59	R1W496	R1W064	V006125	Method Blank
LCS1W	V006125L	1	NA	09/27/1009:50	09/27/1009:50	R1W492	R1W064	V006125	Lab Control Sample (LCS)
LCD1W	V006125C	1	NA	09/27/1010:22	09/27/1010:22	R1W493	R1W064	V006125	LCS Duplicate
TRIP BLANK-TB-9/17/10	1266-05	1	NA	09/27/1020:30	09/27/1020:30	R1W512	R1W064	V006125	Field Sample
MBLK2W	V006126B	1	NA	09/28/1010:02	09/28/1010:02	R1W519	R1W064	V006126	Method Blank
LCS2W	V006126L	1	NA	09/28/1008:27	09/28/1008:27	R1W516	R1W064	V006126	Lab Control Sample (LCS)
LCD2W	V006126C	1	NA	09/28/1008:58	09/28/1008:58	R1W517	R1W064	V006126	LCS Duplicate
MW-70-PDC01-A10	1266-01	1	NA	09/28/1015:17	09/28/1015:17	R1W529	R1W064	V006126	Field Sample
MW-70-35-A10	1266-02	1	NA	09/28/1015:48	09/28/1015:48	R1W530	R1W064	V006126	Field Sample
MW-70-23-A10	1266-03	1	NA	09/28/1016:20	09/28/1016:20	R1W531	R1W064	V006126	Field Sample
MW-70-16-A10	1266-04	1	NA	09/28/1016:51	09/28/1016:51	R1W532	R1W064	V006126	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/17/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/17/10
Batch No.	: 10I266	Date Extracted:	09/28/10 15:17
Sample ID:	MW-70-P0C01-A10	Date Analyzed:	09/28/10 15:17
Lab Samp ID:	I266-01	Dilution Factor:	1
Lab File ID:	RIW529	Matrix	: WATER
Ext Btch ID:	V0D6I26	% Moisture	: NA
Calib. Ref.:	A1W064	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	Rt (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2 HEXANONE	ND	10	5.0
2,2 DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	93	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/17/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/17/10
Batch No.	: 101266	Date Extracted:	09/28/10 15:48
Sample ID:	MW-70-35-A10	Date Analyzed:	09/28/10 15:48
Lab Samp ID:	1266-02	Dilution Factor:	1
Lab File ID:	RJW530	Matrix	: WATER
Ext Btch ID:	VD061266	% Moisture	: NA
Calib. Ref.:	RJW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.52J	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.6	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P XYLENES	ND	1.0	0.50
O XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/17/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/17/10
Batch No.	: 101266	Date Extracted:	09/28/10 16:20
Sample ID:	MW-70-23-A10	Date Analyzed:	09/28/10 16:20
Lab Samp ID:	I266-03	Dilution Factor:	1
Lab File ID:	R1W551	Matrix	: WATER
Ext Btch ID:	V0061Z6	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.50
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.50
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.50
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.50
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/17/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/17/10
Batch No.	: 101266	Date Extracted:	09/28/10 16:51
Sample ID:	MW-70-16-A10	Date Analyzed:	09/28/10 16:51
Lab Samp ID:	1266-04	Dilution Factor:	1
Lab File ID:	R1W032	Matrix	: WATER
Ext Btch ID:	V006126	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1 TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/17/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/17/10
Batch No.	: 101266	Date Extracted:	09/27/10 20:30
Sample ID:	TRIP BLANK-TB-9/17/10	Date Analyzed:	09/27/10 20:30
Lab Samp ID:	1266-05	Dilution Factor:	1
Lab File ID:	R1W512	Matrix	: WATER
Ext Btch ID:	V0061125	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument Id	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.70J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	95	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/27/10
Batch No.	: 101266	Date Extracted:	09/27/10 11:59
Sample ID:	MBLKIW	Date Analyzed:	09/27/10 11:59
Lab Samp ID:	V0061250	Dilution Factor:	1
Lab File ID:	RIW496	Matrix	: WATER
Ext Batch ID:	V0061125	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: 1-D06

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101266
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLKTW
LAB SAMP ID: V0061250
LAB FILE ID: RIW496
DATE EXTRACTED: 09/27/1011:59
DATE ANALYZED: 09/27/1011:59
PREP. BATCH: V006125
CALIB. REF: RIW064

1
V0061250
RIW492
09/27/1009:50
09/27/1009:50
V006125
RIW064

1
V0061250
RIW493
09/27/1010:22
09/27/1010:22
V006125
RIW064

% MOISTURE: NA

DATE COLLECTED: NA
DATE RECEIVED: 09/27/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.74	97	10.0	9.12	91	7	60-130	30
Benzene	ND	10.0	9.38	94	10.0	9.23	92	2	70-130	30
Chlorobenzene	ND	10.0	10.2	102	10.0	10.0	100	2	70-130	30
Toluene	ND	10.0	9.81	98	10.0	9.61	96	2	70-130	30
Trichloroethene	ND	10.0	9.34	93	10.0	9.16	92	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.2	102	10.0	10.2	102	70-140
4-Bromofluorobenzene	10.0	9.39	94	10.0	9.45	94	70-130
Toluene-d8	10.0	9.58	96	10.0	9.57	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101266	Date Extracted:	09/28/10 10:02
Sample ID:	MBLK2W	Date Analyzed:	09/28/10 10:02
Lab Samp ID:	V0061268	Dilution Factor:	1
Lab File ID:	R1W519	Matrix	: WATER
Ext.Btch ID:	V0061266	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	0.22J	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101266
METHOD: SW 5030B/8260B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK2W		
LAB SAMP ID:	V006126B	V006126L	V006126C
LAB FILE ID:	RIW519	RIW516	RIW517
DATE EXTRACTED:	09/28/1010:02	09/28/1008:27	09/28/1008:58
DATE ANALYZED:	09/28/1010:02	09/28/1008:27	09/28/1008:58
PREP. BATCH:	V006126	V006126	V006126
CALIB. REF:	RIW064	RIW064	RIW064

DATE COLLECTED: NA
DATE RECEIVED: 09/28/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.95	100	10.0	9.30	93	7	60-130	30
Benzene	ND	10.0	9.69	97	10.0	9.39	94	3	70-130	30
Chlorobenzene	ND	10.0	10.9	109	10.0	10.4	104	4	70-120	30
Toluene	ND	10.0	10.2	102	10.0	9.87	99	4	70-130	30
Trichloroethene	ND	10.0	9.97	100	10.0	9.66	97	3	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.93	99	10.0	9.86	99	70-140
4-Bromofluorobenzene	10.0	9.23	92	10.0	9.54	95	70-130
Toluene-d8	10.0	9.79	98	10.0	9.73	97	70-130

INITIAL CALIBRATIONS

2013

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW058
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101266
BFB Injection Date : 09/02/10
BFB Injection Time : 17:36
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.24
75	30.0 - 60.0% of mass 95	43.63
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.40
175	5.0 - 9.0% of mass 174	6.87(7.9)1
176	95.0 - 101.0% of mass 174	83.81(97.0)1
177	5.0 - 9.0% of mass 176	5.57(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V0061021	RIW059	09/02/10	18:08
2	VSTD0.5	V0061022	RIW060	09/02/10	18:39
3	VSTD01	V0061023	RIW061	09/02/10	19:12
4	VSTD02	V0061024	RIW062	09/02/10	19:45
5	VSTD05	V0061025	RIW063	09/02/10	20:18
6	VSTD010	V0061026	RIW064	09/02/10	20:49
7	VSTD020	V0061027	RIW065	09/02/10	21:22
8	VSTD030	V0061028	RIW066	09/02/10	21:54
9	VSTD040	V0061029	RIW067	09/02/10	22:26
10	VSTD050	V0061010	RIW068	09/02/10	22:57
11	VSTD100	V0061011	RIW069	09/02/10	23:29

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW199
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10266
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.12
175	5.0 - 9.0% of mass 174	5.99(7.5)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV0061 0203	RIW200	09/09/10	10:05

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TOC6
Beginning DateTime :09/02/10 18:08
Spike Units :PPB
IC File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :4006102

M	IDX	Parameters	.5 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	0.236	0.295	0.295	0.308	0.330	0.314	0.315	0.349	0.318	0.301	0.323	0.308	9.31	1.9159
	3	Chloromethane	0.361	0.325	0.355	0.393	0.407	0.406	0.426	0.461	0.438	0.416	0.431	0.402	10.04	2.1753
	4	Vinyl chloride	0.276	0.327	0.367	0.384	0.386	0.359	0.297	0.272	------	------	------	0.334	14.14	2.3165
	5	Bromomethane	------	0.216	0.245	0.277	0.259	0.264	0.272	0.286	0.279	0.272	0.283	0.265	8.02	2.8413
	6	Chloroethane	0.185	0.199	0.251	0.252	0.247	0.245	0.241	0.255	0.247	0.239	0.246	0.237	9.68	2.9386
	7	Dichlorofluoromethane	0.538	0.545	0.592	0.515	0.577	0.586	0.582	0.580	0.576	0.556	0.574	0.565	4.25	2.9818
	8	Trichlorofluoromethane	------	0.325	0.339	0.379	0.400	0.384	0.388	0.426	0.398	0.377	0.399	0.382	7.81	3.2500
5	9	Acrolein	------	------	------	0.004	0.005	0.005	0.006	0.007	0.006	0.006	------	0.006	15.72	3.7679
5	10	Acetone	------	------	------	0.031	0.034	0.030	0.029	0.035	0.028	0.028	0.030	0.031	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.185	0.172	0.175	0.159	0.18[illegible]	0.182	0.182	0.190	0.182	0.174	0.187	0.179	4.84	3.8019
	12	1,1-Dichloroethene	0.411	0.415	0.451	0.428	0.457	0.457	0.459	0.471	0.456	0.429	0.453	0.444	4.48	4.0194
5	13	tert-Butyl alcohol	------	0.013	0.020	0.015	0.017	0.017	0.017	0.018	0.016	0.015	0.017	0.017	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	0.452	0.480	0.508	0.490	0.525	0.539	0.549	0.539	0.550	0.528	0.564	0.521	6.57	4.4247
	17	Methylene chloride	------	0.464	0.427	0.384	0.389	0.386	0.382	0.372	0.360	0.341	0.353	0.386	9.34	4.6529
5	18	Acrylonitrile	0.046	0.043	0.061	0.046	0.057	0.049	0.050	0.061	0.048	0.047	0.052	0.051	12.28	4.8138
	19	Carbon disulfide	------	0.933	1.162	1.089	1.197	1.140	1.180	1.292	1.259	1.202	1.254	1.171	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	0.393	0.391	0.435	0.390	0.446	0.428	0.429	0.471	0.441	0.42[illegible]	0.473	0.429	6.81	4.8476
	21	trans-1,2-Dichloroethene	0.412	0.424	0.467	0.439	0.466	0.470	0.469	0.462	0.463	0.436	0.454	0.451	4.49	5.0407
	22	Isopropyl ether (DIPE)	0.994	0.940	1.015	0.984	1.039	1.086	1.099	1.008	1.054	0.997	1.036	1.023	4.51	5.4663
	23	Vinyl acetate	------	0.265	0.314	0.269	0.305	0.282	0.283	0.337	0.282	0.266	0.288	0.289	8.03	5.6277
	24	1,1-Dichloroethane	0.527	0.499	0.515	0.512	0.546	0.560	0.565	0.541	0.554	0.52[illegible]	0.543	0.535	4.03	5.6284
5	25	2-Butanol	------	------	------	0.011	0.012	0.010	0.011	0.014	0.011	0.011	0.013	0.011	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	0.499	0.513	0.524	0.517	0.553	0.573	0.593	0.584	0.599	0.587	0.641	0.562	7.91	6.0364
5	27	2-Butanone	------	------	0.079	0.061	0.073	0.062	0.064	0.079	0.062	0.060	0.067	0.067	11.17	6.2094
	28	2,2-Dichloropropane	0.276	0.284	0.285	0.262	0.291	0.269	0.275	0.277	0.263	0.242	0.251	0.271	5.57	6.4147
	29	cis-1,2-Dichloroethene	0.357	0.370	0.355	0.341	0.360	0.364	0.366	0.353	0.356	0.342	0.355	0.356	2.52	6.4863
	30	Chloroform	0.469	0.464	0.488	0.470	0.491	0.510	0.512	0.484	0.498	0.472	0.492	0.486	3.36	6.7106
	31	Bromochloromethane	0.205	0.207	0.229	0.205	0.230	0.229	0.227	0.234	0.220	0.268	0.219	0.219	5.17	6.9597
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	0.299	0.307	0.314	0.325	0.325	0.329	0.314	0.316	0.316	3.23	7.0218
	34	1,1,1-Trichloroethane	0.343	0.321	0.355	0.342	0.380	0.385	0.393	0.388	0.388	0.365	0.389	0.368	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	0.073	0.080	0.081	0.087	0.092	0.099	0.102	0.099	0.098	0.110	0.092	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	0.220	0.235	0.217	0.222	0.243	------	------	------	0.228	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	0.142	0.161	0.179	0.164	0.185	0.180	0.186	0.189	0.189	0.177	0.196	0.177	8.90	7.5266
	40	Carbon tetrachloride	0.284	0.295	0.326	0.324	0.370	0.369	0.376	0.387	0.389	0.364	0.404	0.353	11.28	7.6766
	41	1,2-Dichloroethane	0.273	0.260	0.311	0.266	0.303	0.285	0.286	0.302	0.275	0.259	0.284	0.282	6.24	7.9376
	42	Benzene	1.457	1.429	1.438	1.402	1.476	1.451	1.470	1.419	1.459	1.374	1.465	1.440	2.19	7.9319
	43	Trichloroethene	0.392	0.368	0.389	0.389	0.411	0.419	0.430	0.419	0.433	0.411	0.450	0.410	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	0.314	0.327	0.336	0.325	0.346	0.355	0.361	0.346	0.355	0.336	0.362	0.342	4.68	9.1505
	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	0.297	0.307	0.339	0.328	0.369	0.377	0.400	0.391	0.398	0.381	0.425	0.365	11.32	9.5288
	48	Dibromomethane	0.141	0.128	0.150	0.138	0.168	0.149	0.157	0.171	0.153	0.146	0.164	0.15[illegible]	8.67	9.6193

See 5/7/10

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	0.214	0.158	0.203	0.172	0.176	0.215	0.173	0.170	0.194	0.186	11.18	10.0683
51	cis-1,3-Dichloropropene	0.374	0.362	0.394	0.396	0.453	0.468	0.487	0.486	0.488	0.468	0.517	0.445	12.05	10.4218
52	Toluene-d8	------	------	------	1.327	1.355	1.327	1.381	1.363	1.418	1.333	1.357	1.357	2.27	10.8262
53	Toluene	1.433	1.393	1.451	1.412	1.507	1.514	1.528	1.456	1.532	1.417	1.499	1.465	3.22	10.9636
54	Ethyl methacrylate	------	0.199	0.249	0.219	0.283	0.255	0.266	0.300	0.269	0.260	0.303	0.260	12.58	11.2526
55	trans-1,3-Dichloropropene	------	0.234	0.284	0.262	0.321	0.325	0.343	0.355	0.343	0.327	0.368	0.316	13.56	11.2750
5 56	2-Hexanone	------	------	0.128	0.102	0.131	0.112	0.114	0.141	0.113	0.110	0.128	0.120	10.54	11.5527
57	1,1,2-Trichloroethane	0.185	0.175	0.222	0.191	0.226	0.207	0.209	0.224	0.204	0.194	0.218	0.205	8.34	11.5445
58	1,3-Dichloropropane	0.343	0.345	0.412	0.352	0.416	0.387	0.394	0.422	0.390	0.367	0.412	0.386	7.66	11.9890
59	Tetrachloroethene	0.293	0.279	0.290	0.295	0.329	0.329	0.329	0.323	0.327	0.304	0.326	0.311	6.14	12.1011
60	Dibromochloromethane	------	0.179	0.199	0.187	0.230	0.234	0.255	0.267	0.257	0.246	------	0.228	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	0.188	0.178	0.201	0.184	0.223	0.206	0.212	0.237	0.213	0.203	0.234	0.207	9.33	12.8198
63	1-Chlorohexane	0.479	0.476	0.533	0.528	0.633	0.619	0.629	0.628	0.608	0.558	0.588	0.571	10.42	13.1089
64	Chlorobenzene	0.901	0.876	0.905	0.889	0.948	0.969	0.989	0.943	0.973	0.917	0.977	0.935	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	0.245	0.228	0.243	0.258	0.283	0.295	0.307	0.288	0.303	0.288	0.315	0.278	10.51	13.6574
66	Ethylbenzene	1.487	1.479	1.530	1.536	1.652	1.668	1.683	1.599	1.605	1.476	1.507	1.566	5.01	13.6764
2 67	m-Xylene & p-Xylene	1.123	1.113	1.118	1.155	1.221	1.240	1.246	1.182	1.207	1.120	1.132	1.169	4.46	13.8142
68	o-Xylene	1.080	1.125	1.116	1.153	1.241	1.277	1.300	1.229	1.257	1.165	1.220	1.197	6.07	14.6315
69	Styrene	------	0.634	0.693	0.727	0.844	0.888	0.940	0.908	0.947	0.901	0.975	0.846	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	16.6791
71	Isopropylbenzene	3.643	3.663	3.630	3.826	4.317	4.248	4.363	4.083	4.255	3.982	4.046	4.005	6.95	15.3124
72	Bromoform	------	0.189	0.278	0.242	0.312	0.290	0.325	0.371	0.353	0.345	------	0.301	19.34	15.3411
73	1,1,2,2-Tetrachloroethane	0.556	0.564	0.737	0.581	0.729	0.626	0.646	0.742	0.659	0.637	0.722	0.654	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	1.104	1.145	1.111	1.181	1.149	1.225	1.168	1.166	1.156	3.35	15.7898
75	1,2,3-Trichloropropane	------	0.141	0.203	0.150	0.186	0.159	0.162	0.191	0.167	0.162	0.184	0.170	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	0.132	0.093	0.127	0.169	0.125	0.141	0.129	0.127	0.137	0.124	11.87	15.4051
77	n-Propylbenzene	4.415	4.440	4.487	4.702	5.440	5.343	5.425	5.084	5.189	4.817	4.891	4.930	7.94	16.0839
78	Bromobenzene	0.840	0.836	0.903	0.936	0.958	0.946	0.972	0.937	0.991	0.948	0.992	0.930	5.77	16.1649
79	1,3,5-Trimethylbenzene	2.733	2.618	2.724	2.910	3.290	3.349	3.356	3.071	3.188	2.978	3.123	3.031	8.60	16.3878
80	2-Chlorotoluene	3.082	2.995	3.010	3.079	3.434	3.404	3.224	3.156	3.121	3.136	3.143	3.162	4.50	16.4230
81	4-Chlorotoluene	2.653	2.511	2.503	2.580	2.651	2.672	2.945	2.555	2.950	2.530	2.641	2.654	5.92	16.5148
82	tert-Butylbenzene	0.644	0.648	0.654	0.696	0.852	0.831	0.843	0.783	0.799	0.751	0.824	0.755	10.65	17.0822
83	1,2,4-Trimethylbenzene	2.726	2.675	2.697	2.846	3.171	3.229	3.277	2.971	3.083	2.898	3.023	2.963	7.25	17.1566
84	sec-Butylbenzene	3.641	3.537	3.562	3.833	4.660	4.627	4.609	4.304	4.279	4.019	4.338	4.127	10.46	17.4997
85	p-Isopropyltoluene	------	2.648	2.625	2.882	3.500	3.579	3.595	3.277	3.318	3.121	3.389	3.193	11.38	17.7692
86	1,3-Dichlorobenzene	1.719	1.655	1.673	1.664	1.843	1.884	1.927	1.775	1.868	1.770	1.846	1.784	5.40	17.9401
87	1,4-Dichlorobenzene	1.681	1.580	1.566	1.623	1.785	1.830	1.851	1.722	1.804	1.700	1.790	1.721	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	2.188	2.245	2.533	3.156	3.333	3.294	3.015	2.989	2.828	3.020	2.859	14.28	18.4736
90	1,2-Dichlorobenzene	1.405	1.323	1.377	1.383	1.525	1.540	1.573	1.472	1.522	1.443	1.533	1.463	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	0.068	0.063	0.087	0.074	0.387	0.108	0.093	0.093	------	0.084	17.73	19.8122
92	1,2,4-Trichlorobenzene	------	0.607	0.631	0.654	0.803	0.893	0.907	0.843	0.850	0.807	0.875	0.787	14.39	20.9153
93	Hexachlorobutadiene	------	0.386	0.386	0.451	0.538	0.575	0.553	0.496	0.544	0.529	0.591	0.505	14.67	21.0907
94	Naphthalene	------	------	0.927	0.827	1.105	1.067	1.146	1.351	1.170	1.158	1.265	1.115	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	0.442	0.473	0.473	0.583	0.640	0.656	0.644	0.622	0.609	0.656	0.580	14.53	21.5870

Spike Amount = Nominal Amount * M

Ave_%RSD : 8.6 Max_%RSD : 19.3

Use Least Square Linear Regression with weighting factor of inverse concentration for compo with %_RSD > 15

Resp_Ratio = xo + x1 * Amt_Ratio

	Parameter	x0	x1	CCF
10	Acrolein	-0.00260	0.00637	0.9952
8	Bromoform	-0.01112	0.34910	0.9982
91	1,2-Dibromo-3-chloropropane	-0.00473	0.09553	0.9953

INITIAL CALIBRATION - RELATIVE RESPONSE FACTOR(%REC)

Instrument ID :T006
Beginning DateTime :09/02/10 18:08
Spike Units :PPB
IC File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V0061102

M	IDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	AvORec	% RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	77	96	96	100	107	102	102	113	103	98	106	6.1	9.31	1.9159
	3	Chloromethane	90	81	88	98	101	107	106	115	109	103	107	7.8	10.04	2.1753
	4	Vinyl chloride	83	98	110	115	116	107	89	81	------	------	------	12.1	14.14	2.3165
	5	Bromomethane	------	82	92	105	98	100	103	108	105	103	107	5.8	8.92	2.8413
	6	Chloroethane	78	84	106	106	104	103	102	108	104	101	104	6.9	9.68	2.9386
	7	Dichlorofluoromethane	95	96	105	91	102	104	103	103	102	98	102	3.5	4.25	2.9818
	8	Trichlorofluoromethane	------	85	89	99	105	107	102	112	104	99	104	5.5	7.81	3.2500
5	9	Acrolein	------	------	------	108	100	97	91	115	96	100	------	6.4	8.9	3.7679
5	10	Acetone	------	------	------	100	110	97	94	113	90	90	97	6.9	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	103	96	98	89	101	102	102	106	102	97	104	3.7	4.84	3.8019
	12	1,1-Dichloroethene	93	93	102	96	103	103	103	106	103	97	102	3.9	4.48	4.0194
5	13	tert-Butyl alcohol	------	76	118	88	100	100	100	106	94	88	100	7.6	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	87	92	98	94	101	103	105	103	106	101	108	5.3	6.57	4.4247
	17	Methylene chloride	------	120	111	99	101	100	99	96	93	88	91	6.4	9.34	4.6529
5	18	Acrylonitrile	90	84	120	90	112	95	98	120	94	92	102	9.8	12.28	4.8138
	19	Carbon disulfide	------	80	99	93	102	97	101	110	108	103	107	6.1	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	92	91	101	91	104	100	100	110	103	98	110	5.1	6.81	4.8476
	21	trans-1,2-Dichloroethene	91	94	104	97	103	104	104	102	103	97	101	3.8	4.49	5.0407
	22	Isopropyl ether (DIPE)	97	92	99	96	102	106	107	99	103	97	107	3.5	4.51	5.4663
	23	Vinyl acetate	------	92	109	93	106	98	98	117	98	92	100	6.1	8.03	5.6277
	24	1,1-Dichloroethane	99	93	96	96	102	105	106	101	104	97	101	3.4	4.03	5.6284
5	25	2-Butanol	------	------	------	100	109	91	103	127	100	100	118	8	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	89	91	93	92	98	102	106	104	107	104	114	6.6	7.91	6.0364
5	27	2-Butanone	------	------	116	91	109	93	96	118	93	90	100	9.1	11.17	6.2094
	28	2,2-Dichloropropane	102	105	105	97	107	99	101	102	97	89	93	4.4	5.57	6.4147
	29	cis-1,2-Dichloroethene	100	104	100	96	101	102	103	99	101	96	100	1.9	2.52	6.4863
	30	Chloroform	97	95	100	97	101	105	105	100	102	97	101	2.7	3.36	6.7106
	31	Bromochloromethane	94	95	105	94	105	105	104	107	100	95	100	4.4	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	95	97	99	103	103	104	99	100	2.4	3.23	7.3218
	34	1,1,1-Trichloroethane	93	87	96	93	103	105	107	105	105	99	106	5.7	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	79	87	88	95	100	108	111	108	107	120	10.3	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	96	103	95	97	107	------	------	------	4.1	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	80	91	101	93	105	102	105	107	107	100	111	6.6	8.90	7.5266
	40	Carbon tetrachloride	80	84	92	92	105	105	107	110	110	103	114	9.6	11.28	7.6766
	41	1,2-Dichloroethane	97	92	110	94	107	101	101	107	98	92	101	5	6.24	7.9076
	42	Benzene	101	99	100	97	102	101	102	99	101	95	102	1.7	2.19	7.9319
	43	Trichloroethene	96	90	95	95	100	102	105	102	106	100	110	4.5	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	92	96	98	95	101	104	106	101	104	98	106	3.9	4.68	9.1505
	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	81	84	93	90	101	103	110	107	109	104	116	9.3	11.32	9.5288
	48	Dibromomethane	93	85	99	91	111	99	104	113	101	97	109	6.7	8.67	9.6193

See 9/7/10

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	115	85	109	92	95	116	93	91	104	9.7	11.18	10.0683
51	cis-1,3-Dichloropropene	84	81	89	89	102	105	109	109	110	105	116	10.3	12.05	10.4218
52	Toluene-d8	------	------	------	98	100	98	102	100	104	98	100	1.6	2.27	10.8262
53	Toluene	98	95	99	96	103	103	104	99	103	97	102	2.8	3.22	10.9636
54	Ethyl methacrylate	------	77	96	84	109	98	102	115	103	100	117	9.2	12.58	11.2526
55	trans-1,3-Dichloropropene	------	74	90	83	102	103	109	112	109	103	116	10.7	13.56	11.2750
5 56	2-Hexanone	------	------	107	85	109	93	95	118	94	92	107	9	10.54	11.5527
57	1,1,2-Trichloroethane	90	85	108	93	110	101	102	109	100	95	106	6.7	8.34	11.5445
58	1,3-Dichloropropane	89	89	107	91	108	100	102	109	101	95	107	6.3	7.66	11.9890
59	Tetrachloroethene	94	90	93	95	106	106	106	104	105	98	105	5.6	6.14	12.1011
60	Dibromochloromethane	------	79	87	82	101	103	112	117	113	108	------	11.7	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	91	86	97	89	108	100	102	114	103	98	113	7.3	9.33	12.8198
63	1-Chlorohexane	84	83	93	92	111	108	110	110	106	98	103	8.9	10.42	13.1089
64	Chlorobenzene	96	94	97	95	101	104	106	101	104	98	104	3.7	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	88	82	87	93	102	106	110	104	109	104	113	8.9	10.51	13.6574
66	Ethylbenzene	95	94	98	98	105	107	107	102	102	94	96	4.4	5.01	13.6764
2 67	m-Xylene & p-Xylene	96	95	96	99	104	106	107	101	103	96	97	3.9	4.46	13.8142
68	o-Xylene	90	94	93	96	104	107	109	103	105	97	102	5.2	6.07	14.6315
69	Styrene	------	75	82	86	100	105	111	107	112	107	115	11.5	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	91	91	91	96	108	106	109	102	106	99	101	5.8	6.95	15.3124
72	Bromoform	------	118	112	85	96	86	95	107	102	109	------	8.6	11	15.3411
73	1,1,2,2-Tetrachloroethane	85	86	113	89	111	96	99	113	101	97	110	8.8	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	96	99	96	102	99	106	101	101	2.5	3.35	15.7898
75	1,2,3-Trichloropropane	------	83	119	88	109	94	95	112	98	95	108	9.6	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	106	75	102	88	101	114	104	102	110	8.6	11.87	15.4051
77	n-Propylbenzene	90	90	91	95	110	108	110	103	105	98	99	6.7	7.94	16.0839
78	Bromobenzene	90	90	97	97	103	102	105	101	107	102	107	4.6	5.77	16.1649
79	1,3,5-Trimethylbenzene	90	86	90	96	109	110	111	101	105	98	103	7.1	8.60	16.3878
80	2-Chlorotoluene	97	95	95	97	109	108	102	100	99	99	99	3.3	4.50	16.4230
81	4-Chlorotoluene	100	95	94	97	110	101	111	96	111	95	100	4.2	5.92	16.5148
82	tert-Butylbenzene	85	86	87	92	110	110	112	104	106	99	109	9.2	10.65	17.0822
83	1,2,4-Trimethylbenzene	92	90	91	96	107	109	111	100	104	98	102	6	7.25	17.1566
84	sec-Butylbenzene	88	86	86	93	113	112	112	104	103	97	105	9	10.46	17.4997
85	p-Isopropyltoluene	------	83	82	90	110	112	113	103	104	98	106	9.4	11.38	17.7692
86	1,3-Dichlorobenzene	96	93	94	93	103	106	108	99	105	99	103	4.6	5.40	17.9401
87	1,4-Dichlorobenzene	98	92	91	94	104	106	108	100	105	99	104	4.8	5.62	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	77	79	89	110	117	115	105	104	99	106	11.5	14.28	18.4736
90	1,2-Dichlorobenzene	96	90	94	95	104	105	108	101	104	99	105	4.8	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	121	91	131	83	93	115	99	98	------	9.1	12.5	19.8122
92	1,2,4-Trichlorobenzene	------	77	80	83	102	113	115	107	108	103	111	11.9	14.39	20.9153
93	Hexachlorobutadiene	------	76	76	89	107	114	110	98	108	105	117	11.9	14.67	21.0907
94	Naphthalene	------	------	83	74	99	96	103	121	105	104	115	10.7	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	76	82	82	101	110	113	111	107	105	113	12.1	14.53	21.5870

Sc-
9/7/19

2019

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T006
IC_Beginning DateTime :09/02/10 18:08
Spike Amount :10 PPB
CC/CV File :R1W200
IC File :R1W064

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :09/02/10 23:29
MPCTem Method :V006102
Date_Time :09/09/10 10:05

W	IDX	Parameters	CC_Con	CC%_D	CC_Resp	CCRRF	AVRRF	CC_Rtm	AVRtm	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1276501	1	1	8.344	8.356	0				
	2	Dichlorodifluoromethane	10.71	7.1	420652	0.330	0.308	1.909	1.916	9.31				
	3	Chloromethane	9.249	-7.5	474307	0.372	0.402	2.176	2.175	10.04				
	4	Vinyl chloride	10.778	7.8	458968	0.360	0.334	2.310	2.316	14.14				
	5	Bromomethane	9.135	-8.6	309347	0.242	0.265	2.830	2.841	8.02				
	6	Chloroethane	9.723	-2.8	294152	0.230	0.237	2.934	2.939	9.68				
	7	Dichlorofluoromethane	10.345	3.5	746703	0.585	0.565	2.979	2.982	4.25				
	8	Trichlorofluoromethane	10.524	5.2	512537	0.402	0.382	3.246	3.250	7.81				
5	9	Acrolein	48.933	-2.1	36473	0.006	0.006	3.766	3.768	15.72	-0.0026	0.0064		0.9952
5	10	Acetone	53.988	8.0	210863	0.033	0.031	3.841	3.847	9.41				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.936	19.4	272582	0.214	0.179	3.796	3.802	4.84				
	12	1,1-Dichloroethene	10.423	4.2	591035	0.463	0.444	4.019	4.019	4.48				
5	13	tert-Butyl alcohol	45.927	-6.1	98962	0.016	0.017	4.123	4.121	11.42				
	14	Acetonitrile												
	15	Methyl acetate												
	16	Iodomethane	9.290	-7.1	617362	0.484	0.521	4.420	4.425	6.57				
	17	Methylene chloride	9.781	-2.2	481705	0.377	0.386	4.643	4.653	9.34				
6	18	Acrylonitrile	57.362	-4.4	372689	0.049	0.051	4.807	4.814	12.28				
	19	Carbon disulfide	8.546	-14.5	1277288	1.001	1.171	4.658	4.668	8.80				
	20	tert-Butyl methyl ether (MTBE)	9.485	-5.2	519217	0.407	0.429	4.837	4.848	6.81				
	21	trans-1,2-Dichloroethene	9.439	-5.6	543555	0.426	0.451	5.030	5.041	4.49				
	22	Isopropyl ether (DIPE)	9.163	-8.4	1196615	0.937	1.023	5.461	5.466	4.51				
	23	Vinyl acetate	9.625	-3.8	355365	0.278	0.289	5.624	5.628	8.03				
	24	1,1-Dichloroethane	10.413	4.1	710875	0.557	0.535	5.624	5.628	4.03				
5	25	2-Butanol	41.021	-18.0	60186	0.009	0.011	5.921	5.928	12.64				
	26	tert-Butyl ethyl ether (ETBE)	8.780	-12.2	629847	0.493	0.562	6.025	6.036	7.91				
5	27	2-Butanone	50.479	1.0	433704	0.068	0.067	6.204	6.209	11.17				
	28	2,2-Dichloropropane	12.306	23.1	424970	0.333	0.271	6.412	6.415	5.57				
	29	cis-1,2-Dichloroethene	9.414	-5.9	428327	0.336	0.356	6.471	6.486	2.52				
	30	Chloroform	10.527	5.3	653630	0.512	0.486	6.694	6.711	3.36				
	31	Bromochloromethane	10.138	1.1	283018	0.222	0.219	6.947	6.950	5.17				
	32	Tetrahydrofuran												
	33	Dibromofluoromethane	9.395	-6.0	378840	0.297	0.316	7.021	7.022	3.23				
	34	1,1,1-Trichloroethane	10.939	9.4	513845	0.403	0.368	7.289	7.293	6.68				
	35	Cyclohexane												
	36	tert-Amyl methyl ether (TAME)	8.873	-11.3	104265	0.082	0.092	7.675	7.692	12.51				
	37	1,2-Dichloroethane-d4	9.688	-3.1	281379	0.220	0.228	7.749	7.763	5.01				
	38	CHLOROBENZENE-D5	10.000	0	1110030	1	1	13.500	13.509	0				
	39	1,1-Dichloropropene	10.305	3.1	202633	0.183	0.177	7.511	7.527	8.90				
	40	Carbon tetrachloride	11.157	11.6	437728	0.394	0.353	7.660	7.677	11.28				
	41	1,2-Dichloroethane	10.375	3.8	325071	0.293	0.282	7.898	7.908	6.24				
	42	Benzene	9.527	-4.7	1522974	1.372	1.440	7.928	7.932	2.19				
	43	Trichloroethene	9.861	-1.4	448973	0.404	0.410	8.864	8.872	5.77				
	44	Methylcyclohexane												
	45	1,2-Dichloropropane	9.968	-0.3	378539	0.341	0.342	9.146	9.151	4.68				
20	46	1,4-Dioxane												
	47	Bromodichloromethane	9.941	-0.6	402525	0.363	0.365	9.518	9.529	11.32				
	48	Dibromomethane	10.103	1.0	169809	0.153	0.151	9.607	9.619	8.67				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	48.673	-2.7	1005280	0.181	0.186	10.053	10.068	11.18				
	51	cis-1,3-Dichloropropene	10.220	2.2	504647	0.455	0.445	10.409	10.422	12.05				
	52	Toluene-d8	9.702	-3.0	1461977	1.317	1.357	10.825	10.826	2.27				
	53	Toluene	9.806	-1.9	1594327	1.436	1.465	10.959	10.964	3.22				
	54	Ethyl methacrylate	8.886	-11.1	256827	0.231	0.260	11.242	11.253	12.58				
	55	trans-1,3-Dichloropropene	10.695	6.9	375396	0.338	0.316	11.256	11.275	13.56				
5	56	2-Hexanone	47.918	-4.2	636964	0.115	0.120	11.539	11.553	10.54				
	57	1,1,2-Trichloroethane	10.232	2.3	232957	0.210	0.205	11.539	11.545	8.34				
	58	1,3-Dichloropropane	10.202	2.0	436670	0.393	0.386	11.985	11.989	7.66				
	59	Tetrachloroethene	10.116	1.2	349639	0.315	0.311	12.089	12.101	6.14				
	60	Dibromochloromethane	10.018	0.2	253819	0.229	0.228	12.445	12.461	14.12				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.128	1.3	232783	0.210	0.207	12.802	12.820	9.33				
	63	1-Chlorohexane	9.686	-3.1	613630	0.553	0.571	13.099	13.109	10.42				
	64	Chlorobenzene	9.978	-0.2	1035740	0.933	0.935	13.560	13.578	4.23				

See circle

65	1,1,1,2-Tetrachloroethane	10.188	1.9	313941	0.283	0.278	13.649	13.657	10.51				
66	Ethylbenzene	10.326	3.3	1794864	1.617	1.566	13.664	13.675	5.01				
Z 67	m-Xylene & p-Xylene	20.006	0.0	2595918	1.169	1.169	13.798	13.814	4.46				
68	o-Xylene	9.862	-1.4	1309965	1.180	1.197	14.635	14.632	6.07				
69	Styrene	9.168	-8.3	860779	0.775	0.846	14.689	14.699	14.04				
70	1,2-DICHLOROBENZENE-D4	10.000	0	412452	1	1	18.672	18.679	0				
71	Isopropylbenzene	10.626	6.3	1755477	4.256	4.005	15.299	15.312	6.95				
72	Bromoform	9.045	-9.5	125664	0.305	0.301	15.328	15.341	19.34	-0.0111	0.3491		0.9982
73	1,1,2,2-Tetrachloroethane	10.056	0.6	271430	0.658	0.654	15.626	15.645	10.71				
74	4-Bromofluorobenzene	9.501	-5.0	453055	1.098	1.156	15.774	15.790	3.35				
75	1,2,3-Trichloropropane	10.028	0.3	70472	0.171	0.170	15.923	15.925	11.54				
76	trans-1,4-Dichloro-2-butene	9.174	-8.3	47035	0.114	0.124	15.403	15.405	11.87				
77	n-Propylbenzene	10.194	1.9	2073104	5.026	4.930	16.071	16.084	7.94				
78	Bromobenzene	9.771	-2.3	374777	0.909	0.930	16.146	16.165	5.77				
79	1,3,5-Trimethylbenzene	10.127	1.3	1266090	3.070	3.031	16.369	16.388	8.60				
80	2-Chlorotoluene	10.037	0.4	1399162	3.174	3.162	16.413	16.423	4.50				
81	4-Chlorotoluene	9.589	-4.1	1049657	2.545	2.654	16.502	16.515	5.92				
82	tert-Butylbenzene	10.647	6.5	331575	0.804	0.755	17.067	17.082	10.65				
83	1,2,4-Trimethylbenzene	9.952	-0.5	1216215	2.949	2.963	17.141	17.157	7.25				
84	sec-Butylbenzene	10.645	6.5	1812107	4.393	4.127	17.483	17.500	10.46				
85	p-Isopropyltoluene	10.460	4.6	1377824	3.341	3.193	17.751	17.769	11.38				
86	1,3-Dichlorobenzene	9.786	-2.1	720076	1.746	1.784	17.929	17.940	5.40				
87	1,4-Dichlorobenzene	9.606	-1.9	696056	1.688	1.721	18.122	18.127	5.82				
88	Benzyl chloride												
89	n-Butylbenzene	10.492	4.9	1237312	3.000	2.659	18.464	18.474	14.28				
90	1,2-Dichlorobenzene	9.826	-1.7	593011	1.438	1.463	18.717	18.721	5.61				
91	1,2-Dibromo-3-chloropropane	8.652	-13.5	32142	0.078	0.084	19.802	19.812	17.73	-0.0047	0.0955		0.9953
92	1,2,4-Trichlorobenzene	9.763	-2.4	316910	0.768	0.787	20.901	20.915	14.39				
93	Hexachlorobutadiene	9.703	-3.0	202088	0.490	0.505	21.080	21.091	14.67				
94	Naphthalene	8.556	-14.4	393534	0.954	1.115	21.243	21.259	14.56				
95	1,2,3-Trichlorobenzene	9.044	-9.6	216231	0.524	0.580	21.570	21.587	14.53				

Spike Amount = Nominal Amount * M

2022

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW490
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101265
BFB Injection Date : 09/27/10
BFB Injection Time : 08:40
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.43
75	30.0 - 60.0% of mass 95	45.90
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.58
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	76.54
175	5.0 - 9.0% of mass 174	5.61(7.3)1
176	95.0 - 101.0% of mass 174	73.68(96.0)1
177	5.0 - 9.0% of mass 176	4.78(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VST0010	CV00610220	RIW491	09/27/10	09:12
2	MBLK1W	V0061250	RIW496	09/27/10	11:55
3	LCS1W	V0061251	RIW492	09/27/10	09:50
4	LCD1W	V0061252	RIW495	09/27/10	10:27
5	TRIP BLANK-1R-9/17/10	1266-05	RIW512	09/27/10	20:30

FORM V VOA DLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIW064
Instrument ID: TOO6
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101266
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1203967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2407934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	601984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1249054	8.30	1133234	13.44	444345	18.61
2	MBLK1W	1450170	8.30	1288030	13.43	492100	18.62
3	LCS1W	1299097	8.30	1176250	13.44	463271	18.61
4	LCD1W	1415321	8.31	1275972	13.44	499331	18.61
5	TRIP BLANK-TB-9/17/10	1594074	8.31	1267727	13.44	468371	18.63

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	10.000	10.224	-2.2	87	0.00
3	P,T	Chloromethane	10.000	9.579	4.2	82	0.02
4	C,T	Vinyl chloride	10.000	9.679	3.2	78	0.00
5	T	Bromomethane	10.000	9.727	2.7	85	0.00
6	T	Chloroethane	10.000	10.289	-2.9	86	0.00
7	T	Dichlorofluoromethane	10.000	10.202	-2.0	85	0.02
8	T	Trichlorofluoromethane	10.000	12.028	-20.3#	103	0.00
9	T	Acrolein	50.000	34.707	30.6#	64	0.00
10	T	Acetone	50.000	50.287	-0.6	89	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.399	6.0	80	0.02
12	CMT	1,1-Dichloroethene	10.000	9.929	0.7	84	0.00
13	T	tert-Butyl alcohol	50.000	49.670	0.7	85	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	8.081	19.2	68	0.02
17	T	Methylene chloride	10.000	9.487	5.1	82	0.00
18	T	Acrylonitrile	50.000	44.231	11.5	79	0.00
19	T	Carbon disulfide	10.000	9.395	6.1	84	0.02
20	T	tert-Butyl methyl ether (MT	10.000	9.668	3.3	84	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.808	1.9	81	0.00
22	T	Isopropyl ether (DIPE)	10.000	10.758	-7.6	88	0.00
23	T	Vinyl acetate	10.000	10.351	-3.5	92	0.00
24	P,T	1,1-Dichloroethane	10.000	11.021	-10.2	91	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	10.325	-3.2	88	0.00
27	T	2-Butanone	50.000	43.076	13.8	80	0.00
28	T	2,2-Dichloropropane	10.000	10.129	-1.3	88	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.898	1.0	84	0.00
30	C,T	Chloroform	10.000	11.314	-13.1	93	0.00
31	T	Bromochloromethane	10.000	10.419	-4.2	87	0.00
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.267	-2.7	90	0.00
34	T	1,1,1-Trichloroethane	10.000	10.811	-8.1	90	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	9.912	0.9	86	0.00
37	S	1,2-Dichloroethane-d4	10.000	10.311	-3.1	94	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	88	0.02
39	T	1,1-Dichloropropene	10.000	9.391	6.1	82	0.00
40	T	Carbon tetrachloride	10.000	10.907	-9.1	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.625	-6.3	93	0.00
42	TM	Benzene	10.000	9.575	4.3	84	0.00
43	TM	Trichloroethene	10.000	9.627	3.7	83	0.00
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.671	-6.7	91	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.638	-16.4	100	0.00
48	T	Dibromomethane	10.000	9.724	2.8	87	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	41.734	16.5	80	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.122	-11.2	93	0.02
52	S	Toluene-d8	10.000	9.608	3.9	87	0.00
53	CMT	Toluene	10.000	10.153	-1.5	87	0.00
54	T	Ethyl methacrylate	10.000	9.122	8.8	82	0.00
55	T	trans-1,3-Dichloropropene	10.000	10.833	-8.3	93	0.00
56	T	2-Hexanone	50.000	41.780	16.4	79	0.00
57	T	1,1,2-Trichloroethane	10.000	9.960	0.4	87	0.00
58	T	1,3-Dichloropropane	10.000	10.014	-0.1	88	0.00
59	T	Tetrachloroethene	10.000	9.802	2.0	82	0.00
60	T	Dibromochloromethane	10.000	11.140	-11.4	96	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	9.691	3.1	86	0.00
63	T	1-Chlorohexane	10.000	10.821	-8.2	88	0.02
64	PM	Chlorobenzene	10.000	10.211	-2.1	87	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	11.403	-14.0	95	0.02
66	C,T	Ethylbenzene	10.000	10.613	-6.1	88	0.02
67	T	m-Xylene & p-Xylene	20.000	21.325	-6.6	89	0.00
68	T	o-Xylene	10.000	10.946	-9.5	91	0.00
69	T	Styrene	10.000	10.248	-2.5	86	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	92	0.00
71	T	Isopropylbenzene	10.000	10.367	-3.7	90	0.02
72	P,T	Bromoform	10.000	9.301	7.0	100	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	9.163	8.4	89	0.00
74	S	4-Bromofluorobenzene	10.000	9.392	6.1	90	0.00
75	T	1,2,3-Trichloropropane	10.000	8.659	13.4	86	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	7.851	21.5#	83	0.00
77	T	n-Propylbenzene	10.000	10.633	-6.3	91	0.00
78	T	Bromobenzene	10.000	9.682	3.2	88	0.02
79	T	1,3,5-Trimethylbenzene	10.000	10.664	-6.6	89	0.00
80	T	2-Chlorotoluene	10.000	10.192	-1.9	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.538	-5.4	97	0.00
82	T	tert-Butylbenzene	10.000	10.982	-9.8	92	0.02
83	T	1,2,4-Trimethylbenzene	10.000	10.865	-8.7	92	0.00
84	T	sec-Butylbenzene	10.000	11.443	-14.4	94	0.02
85	T	p-Isopropyltoluene	10.000	11.362	-13.6	94	0.00
86	T	1,3-Dichlorobenzene	10.000	10.522	-5.2	92	0.00
87	T	1,4-Dichlorobenzene	10.000	10.437	-4.4	91	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	12.033	-20.3#	95	0.00
90	T	1,2-Dichlorobenzene	10.000	10.540	-5.4	93	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	8.637	13.6	97	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.487	-4.9	85	0.02
93	T	Hexachlorobutadiene	10.000	12.711	-27.1#	103	0.00
94	T	Naphthalene	10.000	8.263	17.4	80	0.00
95	T	1,2,3-Trichlorobenzene	10.000	10.277	-2.8	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.308	0.315	-2.3	87	0.00
3	P,T	Chloromethane	0.402	0.385	4.2	82	0.02
4	C,T	Vinyl chloride	0.334	0.323	3.3	78	0.00
5	T	Bromomethane	0.265	0.258	2.6	85	0.00
6	T	Chloroethane	0.237	0.244	-3.0	86	0.00
7	T	Dichlorofluoromethane	0.565	0.577	-2.1	85	0.02
8	T	Trichlorofluoromethane	0.382	0.459	-20.2#	103	0.00
9	T	Acrolein	0.006	0.004	33.3#	64	0.00
10	T	Acetone	0.031	0.031	0.0	89	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.168	6.1	80	0.02
12	CMT	1,1-Dichloroethene	0.444	0.441	0.7	84	0.00
13	T	tert-Butyl alcohol	0.017	0.016	5.9	85	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.421	19.2	68	0.02
17	T	Methylene chloride	0.386	0.366	5.2	82	0.00
18	T	Acrylonitrile	0.051	0.045	11.8	79	0.00
19	T	Carbon disulfide	1.171	1.100	6.1	84	0.02
20	T	tert-Butyl methyl ether (MT	0.429	0.415	3.3	84	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.442	2.0	81	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.100	-7.5	88	0.00
23	T	Vinyl acetate	0.289	0.299	-3.5	92	0.00
24	P,T	1,1-Dichloroethane	0.535	0.589	-10.1	91	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.580	-3.2	88	0.00
27	T	2-Butanone	0.067	0.058	13.4	80	0.00
28	T	2,2-Dichloropropane	0.271	0.274	-1.1	88	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.353	0.8	84	0.00
30	C,T	Chloroform	0.486	0.550	-13.2	93	0.00
31	T	Bromochloromethane	0.219	0.229	-4.6	87	0.00
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.324	-2.5	90	0.00
34	T	1,1,1-Trichloroethane	0.368	0.398	-8.2	90	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.091	1.1	86	0.00
37	S	1,2-Dichloroethane-d4	0.228	0.235	-3.1	94	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	0.02
39	T	1,1-Dichloropropene	0.177	0.166	6.2	82	0.00
40	T	Carbon tetrachloride	0.353	0.385	-9.1	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.300	-6.4	93	0.00
42	TM	Benzene	1.440	1.379	4.2	84	0.00
43	TM	Trichloroethene	0.410	0.395	3.7	83	0.00
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.365	-6.7	91	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.425	-16.4	100	0.00
48	T	Dibromomethane	0.151	0.147	2.6	87	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.155	16.7	80	0.00
51	T	cis-1,3-Dichloropropene	0.445	0.495	-11.2	93	0.02
52	S	Toluene-d8	1.357	1.304	3.9	87	0.00
53	CMT	Toluene	1.465	1.487	-1.5	87	0.00
54	T	Ethyl methacrylate	0.260	0.237	8.8	82	0.00
55	T	trans-1,3-Dichloropropene	0.316	0.343	-8.5	93	0.00
56	T	2-Hexanone	0.120	0.100	16.7	79	0.00
57	T	1,1,2-Trichloroethane	0.205	0.204	0.5	87	0.00
58	T	1,3-Dichloropropane	0.386	0.386	0.0	88	0.00
59	T	Tetrachloroethene	0.311	0.305	1.9	82	0.00
60	T	Dibromochloromethane	0.228	0.254	-11.4	96	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.201	2.9	86	0.00
63	T	1-Chlorohexane	0.571	0.618	-8.2	88	0.02
64	PM	Chlorobenzene	0.935	0.955	-2.1	87	0.00
65	T	1,1,1,2-Tetrachloroethane	0.278	0.317	-14.0	95	0.02
66	C,T	Ethylbenzene	1.566	1.662	-6.1	88	0.02
67	T	m-Xylene & p-Xylene	1.169	1.246	-6.6	89	0.00
68	T	o-Xylene	1.197	1.310	-9.4	91	0.00
69	T	Styrene	0.846	0.867	-2.5	86	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	92	0.00
71	T	Isopropylbenzene	4.005	4.152	-3.7	90	0.02
72	P,T	Bromoform	0.301	0.314	-4.3	100	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.600	8.3	89	0.00
74	S	4-Bromofluorobenzene	1.156	1.086	6.1	90	0.00
75	T	1,2,3-Trichloropropane	0.170	0.148	12.9	86	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.098	21.0#	83	0.00
77	T	n-Propylbenzene	4.930	5.242	-6.3	91	0.00
78	T	Bromobenzene	0.930	0.900	3.2	88	0.02
79	T	1,3,5-Trimethylbenzene	3.031	3.232	-6.6	89	0.00
80	T	2-Chlorotoluene	3.162	3.223	-1.9	87	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I27\RIW491.D Vial: 2
Acq On : 27 Sep 2010 9:12 am Operator: SD
Sample : CVO06I0220 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.797	-5.4	97	0.00
82	T	tert-Butylbenzene	0.755	0.829	-9.8	92	0.02
83	T	1,2,4-Trimethylbenzene	2.963	3.219	-8.6	92	0.00
84	T	sec-Butylbenzene	4.127	4.723	-14.4	94	0.02
85	T	p-Isopropyltoluene	3.193	3.628	-13.6	94	0.00
86	T	1,3-Dichlorobenzene	1.784	1.877	-5.2	92	0.00
87	T	1,4-Dichlorobenzene	1.721	1.796	-4.4	91	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.440	-20.3#	95	0.00
90	T	1,2-Dichlorobenzene	1.463	1.542	-5.4	93	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.078	7.1	97	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.825	-4.8	85	0.02
93	T	Hexachlorobutadiene	0.505	0.642	-27.1#	103	0.00
94	T	Naphthalene	1.115	0.921	17.4	80	0.00
95	T	1,2,3-Trichlorobenzene	0.580	0.596	-2.8	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW514
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101264
BFB Injection Date : 09/28/10
BFB Injection Time : 07:15
Heated Purge: (Y/N) N

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.59
75	30.0 - 60.0% of mass 95	45.54
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.85
173	Less than 2.0% of mass 174	0.00(0.01)
174	Greater than 50% of mass 95	79.47
175	5.0 - 9.0% of mass 174	5.73(7.21)
176	95.0 - 101.0% of mass 174	77.57(97.63)
177	5.0 - 9.0% of mass 176	5.00(6.43)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV00610221	RIW515	09/28/10	07:48
2	MBLKZW	V006I26B	RIW519	09/28/10	10:02
3	LCS2W	V006I26L	RIW516	09/28/10	08:27
4	LCD2W	V006I26C	RIW517	09/28/10	08:58
5	MW-70-POC01-A10	1266-01	RIW529	09/28/10	15:17
6	MW-70-35-A10	1266-02	RIW530	09/28/10	15:48
7	MW-70-23-A10	1266-03	RIW531	09/28/10	16:20
8	MW-70-16-A10	1266-04	RIW532	09/28/10	16:51

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIW064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101266
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
SAMPLE ID						
1 VSTD010	1243427	8.30	1118924	13.43	461270	18.60
2 MBLK2W	1343279	8.30	1218099	13.42	466851	18.61
3 LCS2W	1235423	8.30	1095000	13.43	444193	18.60
4 LCD2W	1315254	8.30	1162310	13.42	452131	18.61
5 MW-70-POC01-A10	1302472	8.31	1191906	13.44	460926	18.61
6 MW-70-35-A10	1304730	8.31	1193745	13.44	451243	18.61
7 MW-70-23-A10	1295492	8.30	1172779	13.43	439017	18.62
8 MW-70-16-A10	1294337	8.31	1175181	13.44	442736	18.61

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	86	0.01
2	T	Dichlorodifluoromethane	10.000	10.821	-8.2	91	0.00
3	P,T	Chloromethane	10.000	9.690	3.1	83	0.03
4	C,T	Vinyl chloride	10.000	9.837	1.6	79	0.01
5	T	Bromomethane	10.000	10.105	-1.1	88	0.01
6	T	Chloroethane	10.000	10.188	-1.9	85	0.01
7	T	Dichlorofluoromethane	10.000	9.983	0.2	83	0.03
8	T	Trichlorofluoromethane	10.000	11.990	-19.9	103	0.01
9	T	Acrolein	50.000	37.909	24.2#	71	0.01
10	T	Acetone	50.000	51.224	-2.4	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.030	-0.3	85	0.01
12	CMT	1,1-Dichloroethene	10.000	9.734	2.7	82	0.00
13	T	tert-Butyl alcohol	50.000	49.935	0.1	85	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	7.683	23.2#	64	0.00
17	T	Methylene chloride	10.000	9.642	3.6	83	0.00
18	T	Acrylonitrile	50.000	44.875	10.3	80	0.01
19	T	Carbon disulfide	10.000	10.588	-5.9	94	0.01
20	T	tert-Butyl methyl ether (MT	10.000	10.639	-6.4	92	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.152	8.5	76	0.01
22	T	Isopropyl ether (DIPE)	10.000	10.608	-6.1	86	0.01
23	T	Vinyl acetate	10.000	9.960	0.4	88	0.01
24	P,T	1,1-Dichloroethane	10.000	10.482	-4.8	86	0.01
25	T	2-Butanol	50.000	53.880	-7.8	111	-0.03
26	T	tert-Butyl ethyl ether (ETB	10.000	11.315	-13.1	96	0.01
27	T	2-Butanone	50.000	45.429	9.1	85	0.01
28	T	2,2-Dichloropropane	10.000	9.733	2.7	84	0.01
29	T	cis-1,2-Dichloroethene	10.000	9.764	2.4	82	0.01
30	C,T	Chloroform	10.000	10.817	-8.2	89	0.01
31	T	Bromochloromethane	10.000	10.340	-3.4	86	0.01
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.302	-3.0	89	0.01
34	T	1,1,1-Trichloroethane	10.000	10.273	-2.7	85	0.01
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	11.134	-11.3	96	0.01
37	S	1,2-Dichloroethane-d4	10.000	10.178	-1.8	92	0.01
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	87	0.01
39	T	1,1-Dichloropropene	10.000	9.597	4.0	82	0.01
40	T	Carbon tetrachloride	10.000	10.721	-7.2	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.365	-3.7	90	0.00
42	TM	Benzene	10.000	9.453	5.5	82	0.01
43	TM	Trichloroethene	10.000	9.618	3.8	82	0.01
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.277	-2.8	86	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.475	-14.7	97	0.01
48	T	Dibromomethane	10.000	10.196	-2.0	90	0.01
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	45.919	8.2	87	0.01
51	T	cis-1,3-Dichloropropene	10.000	10.908	-9.1	90	0.01
52	S	Toluene-d8	10.000	9.750	2.5	87	0.01
53	CMT	Toluene	10.000	9.972	0.3	84	0.01
54	T	Ethyl methacrylate	10.000	9.820	1.8	87	0.01
55	T	trans-1,3-Dichloropropene	10.000	10.721	-7.2	91	0.00
56	T	2-Hexanone	50.000	47.258	5.5	88	0.01
57	T	1,1,2-Trichloroethane	10.000	10.232	-2.3	88	0.01
58	T	1,3-Dichloropropane	10.000	10.152	-1.5	88	0.00
59	T	Tetrachloroethene	10.000	10.184	-1.8	84	0.01
60	T	Dibromochloromethane	10.000	11.740	-17.4	100	0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.290	-2.9	90	0.01
63	T	1-Chlorohexane	10.000	11.108	-11.1	89	0.01
64	PM	Chlorobenzene	10.000	10.297	-3.0	87	0.01
65	T	1,1,1,2-Tetrachloroethane	10.000	11.382	-13.8	93	0.01
66	C,T	Ethylbenzene	10.000	10.627	-6.3	87	0.01
67	T	m-Xylene & p-Xylene	20.000	20.968	-4.8	86	0.01
68	T	o-Xylene	10.000	10.676	-6.8	87	0.00
69	T	Styrene	10.000	10.996	-10.0	91	0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	97	0.00
71	T	Isopropylbenzene	10.000	9.717	2.8	88	0.01
72	P,T	Bromoform	10.000	9.804	2.0	110	0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	9.324	6.8	94	0.00
74	S	4-Bromofluorobenzene	10.000	9.000	10.0	90	0.00
75	T	1,2,3-Trichloropropane	10.000	8.888	11.1	92	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	8.543	14.6	94	0.00
77	T	n-Propylbenzene	10.000	9.956	0.4	89	0.01
78	T	Bromobenzene	10.000	9.438	5.6	90	0.01
79	T	1,3,5-Trimethylbenzene	10.000	9.810	1.9	86	0.00
80	T	2-Chlorotoluene	10.000	9.953	0.5	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	9.439	5.6	91	0.01
82	T	tert-Butylbenzene	10.000	10.486	-4.9	92	0.01
83	T	1,2,4-Trimethylbenzene	10.000	10.225	-2.2	91	0.01
84	T	sec-Butylbenzene	10.000	10.734	-7.3	92	0.01
85	T	p-Isopropyltoluene	10.000	10.412	-4.1	90	0.00
86	T	1,3-Dichlorobenzene	10.000	10.263	-2.6	94	0.01
87	T	1,4-Dichlorobenzene	10.000	10.208	-2.1	93	0.01
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	11.042	-10.4	91	0.01
90	T	1,2-Dichlorobenzene	10.000	10.427	-4.3	96	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.477	5.2	111	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.750	-7.5	91	0.01
93	T	Hexachlorobutadiene	10.000	12.940	-29.4#	110	0.01
94	T	Naphthalene	10.000	8.673	13.3	87	0.01
95	T	1,2,3-Trichlorobenzene	10.000	10.816	-8.2	95	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	86	0.01
2	T	Dichlorodifluoromethane	0.308	0.333	-8.1	91	0.00
3	P,T	Chloromethane	0.402	0.389	3.2	83	0.03
4	C,T	Vinyl chloride	0.334	0.328	1.8	79	0.01
5	T	Bromomethane	0.265	0.268	-1.1	88	0.01
6	T	Chloroethane	0.237	0.241	-1.7	85	0.01
7	T	Dichlorofluoromethane	0.565	0.564	0.2	83	0.03
8	T	Trichlorofluoromethane	0.382	0.457	-19.6	103	0.01
9	T	Acrolein	0.006	0.004	33.3#	71	0.01
10	T	Acetone	0.031	0.031	0.0	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.179	0.0	85	0.01
12	CMT	1,1-Dichloroethene	0.444	0.432	2.7	82	0.00
13	T	tert-Butyl alcohol	0.017	0.016	5.9	85	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.400	23.2#	64	0.00
17	T	Methylene chloride	0.386	0.372	3.6	83	0.00
18	T	Acrylonitrile	0.051	0.046	9.8	80	0.01
19	T	Carbon disulfide	1.171	1.240	-5.9	94	0.01
20	T	tert-Butyl methyl ether (MT	0.429	0.456	-6.3	92	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.413	8.4	76	0.01
22	T	Isopropyl ether (DIPE)	1.023	1.085	-6.1	86	0.01
23	T	Vinyl acetate	0.289	0.288	0.3	88	0.01
24	P,T	1,1-Dichloroethane	0.535	0.561	-4.9	86	0.01
25	T	2-Butanol	0.011	0.012	-9.1	111	-0.03
26	T	tert-Butyl ethyl ether (ETB	0.562	0.636	-13.2	96	0.01
27	T	2-Butanone	0.067	0.061	9.0	85	0.01
28	T	2,2-Dichloropropane	0.271	0.263	3.0	84	0.01
29	T	cis-1,2-Dichloroethene	0.356	0.348	2.2	82	0.01
30	C,T	Chloroform	0.486	0.526	-8.2	89	0.01
31	T	Bromochloromethane	0.219	0.227	-3.7	86	0.01
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.325	-2.8	89	0.01
34	T	1,1,1-Trichloroethane	0.368	0.378	-2.7	85	0.01
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.102	-10.9	96	0.01
37	S	1,2-Dichloroethane-d4	0.228	0.232	-1.8	92	0.01
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	87	0.01
39	T	1,1-Dichloropropene	0.177	0.170	4.0	82	0.01
40	T	Carbon tetrachloride	0.353	0.379	-7.4	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.293	-3.9	90	0.00
42	TM	Benzene	1.440	1.361	5.5	82	0.01
43	TM	Trichloroethene	0.410	0.394	3.9	82	0.01
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.352	-2.9	86	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.419	-14.8	97	0.01
48	T	Dibromomethane	0.151	0.154	-2.0	90	0.01
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.171	8.1	87	0.01
51	T	cis-1,3-Dichloropropene	0.445	0.485	-9.0	90	0.01
52	S	Toluene-d8	1.357	1.323	2.5	87	0.01
53	CMT	Toluene	1.465	1.461	0.3	84	0.01
54	T	Ethyl methacrylate	0.260	0.256	1.5	87	0.01
55	T	trans-1,3-Dichloropropene	0.316	0.339	-7.3	91	0.00
56	T	2-Hexanone	0.120	0.113	5.8	88	0.01
57	T	1,1,2-Trichloroethane	0.205	0.210	-2.4	88	0.01
58	T	1,3-Dichloropropane	0.386	0.391	-1.3	88	0.00
59	T	Tetrachloroethene	0.311	0.317	-1.9	84	0.01
60	T	Dibromochloromethane	0.228	0.268	-17.5	100	0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.213	-2.9	90	0.01
63	T	1-Chlorohexane	0.571	0.634	-11.0	89	0.01
64	PM	Chlorobenzene	0.935	0.963	-3.0	87	0.01
65	T	1,1,1,2-Tetrachloroethane	0.278	0.316	-13.7	93	0.01
66	C,T	Ethylbenzene	1.566	1.664	-6.3	87	0.01
67	T	m-Xylene & p-Xylene	1.169	1.225	-4.8	86	0.01
68	T	o-Xylene	1.197	1.278	-6.8	87	0.00
69	T	Styrene	0.846	0.930	-9.9	91	0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	97	0.00
71	T	Isopropylbenzene	4.005	3.892	2.8	88	0.01
72	P,T	Bromoform	0.301	0.331	-10.0	110	0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.610	6.7	94	0.00
74	S	4-Bromofluorobenzene	1.156	1.041	9.9	90	0.00
75	T	1,2,3-Trichloropropane	0.170	0.151	11.2	92	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.106	14.5	94	0.00
77	T	n-Propylbenzene	4.930	4.908	0.4	89	0.01
78	T	Bromobenzene	0.930	0.878	5.6	90	0.01
79	T	1,3,5-Trimethylbenzene	3.031	2.973	1.9	86	0.00
80	T	2-Chlorotoluene	3.162	3.147	0.5	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.505	5.6	91	0.01
82	T	tert-Butylbenzene	0.755	0.792	-4.9	92	0.01
83	T	1,2,4-Trimethylbenzene	2.963	3.029	-2.2	91	0.01
84	T	sec-Butylbenzene	4.127	4.430	-7.3	92	0.01
85	T	p-Isopropyltoluene	3.193	3.325	-4.1	90	0.00
86	T	1,3-Dichlorobenzene	1.784	1.831	-2.6	94	0.01
87	T	1,4-Dichlorobenzene	1.721	1.757	-2.1	93	0.01
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.157	-10.4	91	0.01
90	T	1,2-Dichlorobenzene	1.463	1.526	-4.3	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.086	-2.4	111	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.846	-7.5	91	0.01
93	T	Hexachlorobutadiene	0.505	0.653	-29.3#	110	0.01
94	T	Naphthalene	1.115	0.967	13.3	87	0.01
95	T	1,2,3-Trichlorobenzene	0.580	0.627	-8.1	95	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No. 0 ☐

Start Date: 9/27/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06-045

BATCH V006202-0

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RIB490	BFB06225	5mL					5:40a
02	491	CV006202-20	5ml/mL					
03	492	V006202-52	5ml/mL					
04	493	↓ C	↓					
05	494	RIB8	25mL					
06	495	V006202-B	↓					
07	496	↓ Q	↓					
08	497	102329-01	↓	1.0	✓	✓		
09	498	102264-06T	1.0mL	25	✓	✓		
10	499	-07T	↓	↓	✓	✓		
11	500	-04T	↓	↓	✓	✓		
12	501	-08T	2.5mL	10	✓	✓		
13	502	-08T	↓	↓	✓	✓		
14	503	↓ -10T	↓	↓	✓	✓		
15	504	102307-05T	↓	↓	✓	✓		
16	505	102347-01R	25mL	1.0	✓	✓		
17	506	-02R	↓	↓	✓	✓		
18	507	-03R	↓	↓	✓	✓		
19	508	-04R	↓	↓	✓	✓		
20	509	-04T	0.5mL	10	✓	✓		
21	510	-05R	25mL	1.0	✓	✓		
22	511	↓ -06R	↓	↓	✓	✓		
23	512	102266-05	↓	↓	✓	✓		8:00pm
24	↓ 513	RIB8						Power outage 10/1/10
25			12/9/2010					

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006202

STANDARDS

NAME	ID	CONC. (ng/L)
DCC	V01-16-134-2	
DCC	-21-3 -24-3	
DCC	-28-2	
BFB	-26-2	50/250
IS/SURR	-39-2	100/1250
LCS	↓ -25-3	
LCS	V01-15-100-1	
LCS	V01-16-36-1	
SOLVENT	ID	
METHANOL		
DATA FILE	102347	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: gd

Date Disposal: 9/28/10

Disposed By: GY

2031

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/28/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -045

BATCH CV0-06T02-21

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RW05-14		RFB06T26	5ml					7:17am
02		515	CV006T622/	5ml/1ml					
03		516	V006T26R	5ml/1.25					
04		517	↓ C	↓					
05		518	RA05	25ml					
06		519	V006T26B						
07		520	102308-07		1.0	✓	✓		
08		521	102346-02			✓	✓		
09		522	102308-01			✓	✓		
10		523	-05			✓	✓		
11		524	-02			✓	✓		
12		525	-03			✓	✓		10% DCE
13		526	-04			✓	✓		
14		527	↓ -06			✓	✓		
15		528	102305-03			✓	✓		
16		529	102266-01			✓	✓		
17		530	-02			✓	✓		
18		531	-03			✓	✓		
19		532	↓ -04			✓	✓		
20		533	102305-01			✓	✓		
21		534	-02			✓	✓		
22		535	-02M			✓	✓		too rec. low
23		536	↓ -02S	↓	↓	✓	✓		6:56 pm
24		537-539	RA05						
25						✓	9/28/10		

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006T02

STANDARDS		
NAME	ID	CONC. (ug/L)
DCC	CV1-16-34-2	
DCC	-34-3	
DCC	-20-2	
BFB	-19-1	
IS/SURR.	-26-2	50/200
LCS	-33-1	100/200
LCS	-25-3	
LCS	CV1-15-100-1	
LCS	CV1-16-35-3	
	CV1-13-38-0	

SOLVENT	ID
METHANOL	
DATA FILE	10228

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/29/10

Disposed By: [illegible]

ANALYSIS LOG FOR VOLATILES

[redacted] Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

[redacted] 5-mlPurge ☑ 25-ml Purge

Book # A06 -044

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl_2	Matrix S	Notes
01	RDW058	RFB06I04	25mL	N/A	N/A	N/A		5:36pm
02	059	V006I021	[illegible]					SURROGATE/RST-A-A(N)-TEA-2AA 0.3 / 1.5 mb
03	060	2	[illegible]					0.5 / 2.5
04	061	3	[illegible]					1.0 / 5.0
05	062	4	[illegible]					2.0 / 10
06	063	5	[illegible]					5.0 / 25
07	064	6	[illegible]					10 / 50
08	065	7	[illegible]					20 / 100
09	066	8	[illegible]					30 / 150
10	067	9	[illegible]					40 / 200
11	068	10	[illegible]					50 / 250
12	069	11	[illegible]					100 / 500
13	070	MB/SS						
14	071	V006I04B						
15	072	V006I025/	[illegible]	N/A	N/A	N/A		SURROGATE/RST-A-A(N) 10 / 50 / 60 mb
16	073	RINSE						11:37am
17	074	TEST						
18	075							
19								
20								
21								
22								
23								
24								
25								9/3/10

BATCH

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006I02

STANDARDS

NAME	ID	CONC. (ng/L)
DCC RST-A-A(N)	8V1-16-34-2	250
DCC 8260 Mix CS2	-21-3 -27-1	50/250 250
DCC GASES 2-BA	-21-1 -31-3	250 1250
BFB	-26-2	50
IS/SURR. IS SS	-36-3 -31-3/14/2/1	250 250
LCS RST-A-A(N)	-25-3	250
LCS 8260 Mix(1)	-23-2	50/250
LCS GASES 2-BA	-35-3 8V1-12-35-0	250 1000
SOLVENT	ID	
METHANOL		
DATA FILE	10I02	

Electronic Data Archival

Location	Date
HPCHEM_VOA\TOD	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/3/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH: V0062702

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O_2	Matrix S	Notes
01	Rnd199	RP06211	5ml					9:08am
02	200	IV0062202 03**	[illegible]					
03	201	CV0062202 07	[illegible]					
04	202	V0062111L	[illegible]					
05	203	↓ C	↓					
06	204	RIDE	25ml					
07	205	V0062118						
08	206	↓ Q	↓					
09	207	102066-01I	0.1ml	250	22	25		
10	208	-02I	↓	↓	22	25		
11	209	-03T	0.25ml	100	22	25		
12	210	-04T	0.5ml	50	22	25		
13	211	-05T	0.25ml	100	22	25		
14	212	↓ -06R	25ml	1.0	22	25		
15	213	RIDE						
16	214	102093-06	25ml	1.0	22	25		
17	215	-07T	0.5ml	50	22	25		
18	216	-01	25ml	1.0	22	25		
19	217	-02	↓	↓	22	25		
20	218	-03	↓	↓	22	25		
21	219	-04	↓	↓	22	25		
22	220	↓ -05	↓	↓	22	25		
23	221	RIDE						9:26pm
24	222	102093-07	25ml	1.0	22	25		9:56pm
25	223-226	RIDE						end 9/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V0062702
STANDARDS	
NAME	ID	CONC. (ug/L)
[illegible]	[illegible]	250
DCE	[illegible]	50/250 250
DCC 2-BA	[illegible]	250 1250
BFB	[illegible]	50
IS/SURR	-38-1	250
LCS KET-A-ACN	-35-1 ICV only -35-3 LCS only	250 250
LCS [illegible] ACN	V11-15-100-1	50/250
[illegible]	V11-16-35-3	250
LCS 2-BA	V11-12-32-0	1000
SOLVENT	ID
METHANOL	
DATA FILE	10709
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments: **Not valid for projects requiring verification of 2,2-Dichloropropane at +/-20%

Analyzed By: [illegible]

Date Disposed: 9/10/10

Disposed By: [illegible]

TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I305**

SECTION		PAGE
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GC/MS-VOA	METHOD 5030B/8260B	2000 – 2045
GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4030
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	METHOD 3010A/6010B	7000 – 7044
WET	METHOD 300.0	8000 – 8045
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	METHOD SM5310B	8106 – 8121
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W 205th Street
Torrance, CA 90501
Tel: (310) 618 8889
Fax: (310) 618-0818

Date: 10-18-2010
EMAX Batch No.: 101305

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/21/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SSB109-A10	I305-01	09/20/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
MW-70-PMW14A-A10	I305-02	09/20/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-09/20/10	I305-03	09/20/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-PMW14A-A10MS	I305-02M	09/20/10	WATER	ANIONS BY IC
				DISSOLVED GAS

Sample ID	Control #	Col Date	Matrix	Analysis
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
MW-70-PMW14A-A10MSD	1305-025	09/20/10	WATER	DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				TOTAL ORGANIC CARBON
MW-70-PMW14A-A10DUP	1305-020	09/20/10	WATER	ANIONS BY IC
				ORGANIC ACIDS BY IC
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE:
EMAX CONTROL NO. * 10I805
PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC INC
PROJECT: NWS SEAL BEACH IR SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714 678 6700 FAX: 714 678 6711 EMAIL: NWEINBERGER@
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT ECC, INC
ADDRESS: 3010 E MIRALOMA AVE. ANAHEIM, CA 92806
EMAX PM: YE MINTS

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC=Ice
GW=Ground Water	HC=HCl
WW=Waste Water	SN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes FP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOCs (8260B); TDS GROSS (E5K 175); PH/TDS/TSS (PH: USEPA 150.1 25°C, TDS: SM 2540C, TSS: EPA 160.2); TOC (5310B); DISS. H2S (4500F); DISSMETALS (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HC	NP	HC	NP	HN			COMMENTS
1	IN-70-SSB109-A10	IR 70	9/20/10	1030	8	[illegible]	[illegible]	GW	III	X	X	X	X					
2	MW-70-PMW14A-A10	IR 70	9/20/10	1140	3	[illegible]	[illegible]	GW	III	X	X	X	X	X	X			MS/MSD
3	~~MW-70-PMW14B-A10~~																	
4	~~MW-70-PMW14B-A100~~																	~~DUPLICATE~~
5																		
6																		
7																		
8																		
9																		
3	TB-09/20/10	IR 70	9/20/10	0700	2	40mL	VOA	GW	III	X								TRIP BLANK

Instructions

Cooler #	Temp. (°C)	Sample #s
1	4.2	

SAMPLER: [illegible]
COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY
[illegible]	[illegible]	1023	Keith Stout
Keith Stout	9/21/10	1456	[illegible]

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received on discrepancies after 1500 hrs, TAT will start at 0830 hrs the next business day. Disclosure of prior knowledge of sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by EPA Title 22 as non-hazardous is $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☒ EMAX Courier	See Co	RCN 10T505
☐ Client Delivery		Receipient Y-LUNA
☐ Third Party		Date 9-21-10
		Time 1456

COC Inspection

☒ Client Name	☒ Client PM/PC	☒ Sampler Name	☒ Sampling Date/Time/Location	☒ Sample ID	☒ Matrix
☒ Address	☒ Tel # / Fax #	☒ Courier Signature	☒ Analyses Required	☒ Preservative (if any)	☒ TAT
Safety Issues	☒ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☒ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☒ Sufficient	☐
Temperatures (Cool, < 6 °C but not frozen)	A ☐ Cooler 1 4.2 °C	☐ Cooler 2 °C	☐ Cooler 3 °C	☐ Cooler 4 °C	☐ Cooler 5 °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 °C
Thermometer:	*A - S/N 101541371*	*B - S/N 101541382*			

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Labeling: [signature] Date 9/21/10

SKF: [signature] Date 9/21/10

PM: [signature] Date 9/23/10

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s): wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4	____	E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	____
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	____
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble is > 6mm		
B4	____	G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20 % solid particle		
C3	Leaking container	H1	____		
C4	____	H2	____		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I305

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of three (3) water samples were received on 09/21/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO06I26L/C were all within QC limits.
Percent recoveries for VO06I30L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries for I305-02U/V were within project QC limits.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 10305
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006126B	1	NA	09/28/1010:02	09/28/1010:02	RIW519	RIW064	V006126	Method Blank
LCS1W	V006126L	1	NA	09/28/1008:27	09/28/1008:27	RIW516	RIW064	V006126	Lab Contro. Sample (LCS)
LCD1W	V006126C	1	NA	09/28/1008:58	09/28/1008:58	RIW517	RIW064	V006126	LCS Duplicate
TB-09/20/10	I305-03	1	NA	09/28/1014:46	09/28/1014:46	RIW528	RIW064	V006126	Field Sample
IW-70-SS8109-A10	I305-01	1	NA	09/28/1017:23	09/28/1017:23	RIW533	RIW064	V006126	Field Sample
MBLK2W	V006130B	1	NA	09/30/1017:14	09/30/1017:14	RIW620	RIW064	V006130	Method Blank
LCS2W	V006130L	1	NA	09/30/1015:09	09/30/1015:09	RIW616	RIW064	V006130	Lab Control Sample (LCS)
LCD2W	V006130C	1	NA	09/30/1015:40	09/30/1015:40	RIW617	RIW064	V006130	LCS Duplicate
MW-70-PMW14A-A10DL	I305-02T	50	NA	09/30/1022:56	09/30/1022:56	RIW631	RIW064	V006130	Diluted Sample
MW-70-PMW14A-A10	I305-02R	1	NA	09/30/1023:27	09/30/1023:27	RIW632	RIW064	V006130	Field Sample
MW-70-PMW14A-A10MS	I305-02U	1	NA	09/30/1023:58	09/30/1023:58	RIW633	RIW064	V006130	Matrix Spike Sample (MS)
MW-70-PMW14A-A10MSD	I305-02V	1	NA	10/01/1000:29	10/01/1000:29	RIW634	RIW064	V006130	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/20/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/21/10
Batch No.	: 10I305	Date Extracted:	09/28/10 17:23
Sample ID:	IW-70-SSB109-A10	Date Analyzed:	09/28/10 17:23
Lab Samp ID:	I305-01	Dilution Factor:	1
Lab File ID:	RIW533	Matrix :	WATER
Ext Btch ID:	V006I26	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	27	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	8.1J	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	32	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	240	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.77J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.41J	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	1.4	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.5	1.0	0.20
TRICHLOROETHENE	0.40J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.3	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	115	70-140
4-BROMOFLUOROBENZENE	89	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/20/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/21/10
Batch No.	: 10I305	Date Extracted:	09/30/10 23:27
Sample ID:	MW-70-PMW14A-A10	Date Analyzed:	09/30/10 23:27
Lab Samp ID:	I305-02R	Dilution Factor:	1
Lab File ID:	RIW632	Matrix	: WATER
Ext Btch ID:	VOO6I30	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.45J	1.0	0.20
1,1-DICHLOROETHENE	1.9	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	470E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	61	1.0	0.20
TRICHLOROETHENE	14	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	320E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/20/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/21/10
Batch No.	: 101305	Date Extracted:	09/30/10 22:56
Sample ID:	MW-70-PMW14A-A10DL	Date Analyzed:	09/30/10 22:56
Lab Samp ID:	I305-02T	Dilution Factor:	50
Lab File ID:	RIW631	Matrix :	WATER
Ext Btch ID:	V0061130	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	630	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	64	50	10
TRICHLOROETHENE	15J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	340	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	94	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/20/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/21/10
Batch No.	: 10I305	Date Extracted:	09/28/10 14:46
Sample ID:	TB-09/20/10	Date Analyzed:	09/28/10 14:46
Lab Samp ID:	I305-03	Dilution Factor:	1
Lab File ID:	RIW528	Matrix	: WATER
Ext Btch ID:	V006I26	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.77J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	97	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 10I305	Date Extracted:	09/28/10 10:02
Sample ID:	MBLK1W	Date Analyzed:	09/28/10 10:02
Lab Samp ID:	V0061268	Dilution Factor:	1
Lab File ID:	R1W519	Matrix	: WATER
Ext Btch ID:	V0061126	% Moisture	: NA
Calib. Ref.:	R1W064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	0.22J	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.50
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	92	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V0061268	V0061261	V0061260		
LAB FILE ID:	R1W519	R1W516	R1W517		
DATE EXTRACTED:	09/28/1010:02	09/28/1008:27	09/28/1008:58	DATE COLLECTED:	NA
DATE ANALYZED:	09/28/1010:02	09/28/1008:27	09/28/1008:58	DATE RECEIVED:	09/28/10
PREP. BATCH:	V006126	V006126	V006126		
CALIB. REF:	R1W064	R1W064	R1W064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.95	100	10.0	9.30	93	7	60-130	30
Benzene	ND	10.0	9.69	97	10.0	9.39	94	3	70-130	30
Chlorobenzene	ND	10.0	10.9	109	10.0	10.4	104	4	70-120	30
Toluene	ND	10.0	10.2	102	10.0	9.87	99	4	70-130	30
Trichloroethene	ND	10.0	9.97	100	10.0	9.66	97	3	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.93	99	10.0	9.86	99	70-140
4-Bromofluorobenzene	10.0	9.23	92	10.0	9.52	95	70-130
Toluene-d8	10.0	9.79	98	10.0	9.73	97	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 10I305	Date Extracted:	09/30/10 17:14
Sample ID:	MBLK2W	Date Analyzed:	09/30/10 17:14
Lab Samp ID:	V006I30Q	Dilution Factor:	1
Lab File ID:	RIW620	Matrix :	WATER
Ext Btch ID:	V006I30	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT FEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V0061300	V0061300L	V0061300C		
LAB FILE ID:	RIW620	RIW616	RIW617		
DATE EXTRACTED:	09/30/1017:14	09/30/1015:09	09/30/1015:40	DATE COLLECTED:	NA
DATE ANALYZED:	09/30/1017:14	09/30/1015:09	09/30/1015:40	DATE RECEIVED:	09/30/10
PREP. BATCH:	V0061300	V0061300	V0061300		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.99	100	10.0	9.43	94	6	60-130	30
Benzene	ND	10.0	10.4	104	10.0	10.3	103	1	70-130	30
Chlorobenzene	ND	10.0	11.3	113	10.0	11.3	113	0	70-120	30
Toluene	ND	10.0	10.9	109	10.0	10.7	107	1	70-130	30
Trichloroethene	ND	10.0	10.8	108	10.0	10.7	107	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	8.88	89	10.0	9.41	94	70-140
4-Bromofluorobenzene	10.0	10.1	101	10.0	9.79	98	70-130
Toluene-d8	10.0	9.79	98	10.0	9.68	97	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: SW 5030B/8260B

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MW-70-PMW14A-A10		
LAB SAMP ID:	1305-02R	1305-02U	1305-02V
LAB FILE ID:	RIW632	RIW633	RIW634
DATE EXTRACTED:	09/30/1023:27	09/30/1023:58	10/01/1000:29
DATE ANALYZED:	09/30/1023:27	09/30/1023:58	10/01/1000:29
PREP. BATCH:	V006130	V006130	V006130
CALIB. REF:	RIW064	RIW064	RIW064

DATE COLLECTED: 09/20/10
DATE RECEIVED: 09/21/10

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	1.89	10.0	10.4	85	10.0	10.6	87	1	60-140	30
Benzene	ND	10.0	9.46	95	10.0	9.94	99	5	60-140	30
Chlorobenzene	ND	10.0	10.5	105	10.0	11.0	110	4	63-132	30
Toluene	ND	10.0	9.79	98	10.0	10.2	102	4	70-140	30
Trichloroethene	14.0	10.0	23.4	94	10.0	22.6	85	4	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.92	99	10.0	9.80	98	70-140
4-Bromofluorobenzene	10.0	9.60	96	10.0	9.63	96	70-130
Toluene-d8	10.0	9.40	94	10.0	9.53	95	70-140

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW058
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101305
BFB Injection Date : 09/02/10
BFB Injection Time : 17:36
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.24
75	30.0 - 60.0% of mass 95	43.63
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.40
175	5.0 - 9.0% of mass 174	6.87(7.9)1
176	95.0 - 101.0% of mass 174	83.81(97.0)1
177	5.0 - 9.0% of mass 176	5.57(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V0061021	RIW059	09/02/10	18:08
2	VSTD0.5	V0061022	RIW060	09/02/10	18:39
3	VSTD01	V0061023	RIW061	09/02/10	19:12
4	VSTD02	V0061024	RIW062	09/02/10	19:45
5	VSTD05	V0061025	RIW063	09/02/10	20:18
6	VSTD010	V0061026	RIW064	09/02/10	20:49
7	VSTD020	V0061027	RIW065	09/02/10	21:22
8	VSTD030	V0061028	RIW066	09/02/10	21:54
9	VSTD040	V0061029	RIW067	09/02/10	22:26
10	VSTD050	V0061030	RIW068	09/02/10	22:57
11	VSTD100	V0061031	RIW069	09/02/10	23:29

FORM V VOA DLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW199
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101305
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.15
175	5.0 - 9.0% of mass 174	5.90(7.5)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV0610203	RIW200	09/09/10	10:05

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

strument ID :I006
ginning DateTime :09/02/10 18:08
ike Units :PPB
File :R1W064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V006:D2

IDX	Parameters	.3 18:08 R1W059	.5 18:39 R1W060	1 19:12 R1W061	2 19:45 R1W062	5 20:18 R1W063	10 20:49 R1W064	20 21:22 R1W065	30 21:54 R1W066	40 22:26 R1W067	50 22:57 R1W068	100 23:29 R1W069	Av_RRF	%_RSD	Av_Rt_M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
2	Dichlorodifluoromethane	0.236	0.295	0.295	0.308	0.330	0.314	0.315	0.349	0.318	0.301	0.323	0.308	9.31	1.9159
3	Chloromethane	0.361	0.325	0.355	0.393	0.407	0.406	0.426	0.461	0.438	0.416	0.431	0.402	10.04	2.1753
4	Vinyl chloride	0.276	0.327	0.367	0.384	0.386	0.359	0.297	0.272	------	------	------	0.334	14.14	2.3165
5	Bromomethane	------	0.216	0.245	0.277	0.259	0.264	0.272	0.286	0.279	0.272	0.283	0.265	8.02	2.8413
6	Chloroethane	0.185	0.199	0.251	0.252	0.247	0.245	0.241	0.255	0.247	0.239	0.246	0.237	9.68	2.9386
7	Dichlorofluoromethane	0.538	0.545	0.592	0.515	0.577	0.586	0.582	0.580	0.576	0.556	0.574	0.565	4.25	2.9818
8	Trichlorofluoromethane	------	0.325	0.339	0.379	0.400	0.384	0.388	0.426	0.398	0.377	0.399	0.382	7.81	3.2500
9	Acrolein	------	------	------	0.004	0.005	0.005	0.006	0.007	0.006	0.006	------	0.006	15.72	3.7679
10	Acetone	------	------	------	0.031	0.034	0.030	0.029	0.035	0.028	0.028	0.030	0.031	9.41	3.8471
11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.185	0.172	0.175	0.159	0.181	0.182	0.182	0.190	0.182	0.174	0.187	0.179	4.84	3.8019
12	1,1-Dichloroethene	0.411	0.415	0.451	0.428	0.457	0.457	0.459	0.471	0.456	0.429	0.453	0.444	4.48	4.0194
13	tert-Butyl alcohol	------	0.013	0.020	0.015	0.017	0.017	0.017	0.018	0.016	0.015	0.017	0.017	11.42	4.1208
14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	0.452	0.480	0.508	0.490	0.525	0.539	0.549	0.539	0.550	0.528	0.564	0.521	6.57	4.4247
17	Methylene chloride	------	0.464	0.427	0.384	0.389	0.386	0.382	0.372	0.360	0.341	0.353	0.386	9.34	4.6529
18	Acrylonitrile	0.046	0.043	0.061	0.046	0.057	0.049	0.050	0.061	0.048	0.047	0.052	0.051	12.28	4.8138
19	Carbon disulfide	------	0.933	1.162	1.089	1.197	1.140	1.180	1.292	1.259	1.202	1.254	1.171	8.80	4.6677
20	tert-Butyl methyl ether (MTBE)	0.393	0.391	0.435	0.390	0.446	0.428	0.429	0.471	0.441	0.421	0.473	0.429	6.81	4.8476
21	trans-1,2-Dichloroethene	0.412	0.424	0.467	0.439	0.466	0.470	0.469	0.462	0.463	0.436	0.454	0.451	4.49	5.0407
22	Isopropyl ether (DIPE)	0.994	0.940	1.015	0.984	1.039	1.086	1.099	1.008	1.054	0.997	1.036	1.023	4.51	5.4663
23	Vinyl acetate	------	0.265	0.314	0.269	0.305	0.282	0.283	0.337	0.282	0.266	0.288	0.289	8.03	5.6277
24	1,1-Dichloroethane	0.527	0.499	0.515	0.512	0.546	0.560	0.565	0.541	0.554	0.521	0.543	0.535	4.03	5.6284
25	2-Butanol	------	------	------	0.011	0.012	0.010	0.011	0.014	0.011	0.011	0.013	0.011	12.64	5.9276
26	tert-Butyl ethyl ether (ETBE)	0.499	0.513	0.524	0.517	0.553	0.573	0.593	0.584	0.599	0.587	0.641	0.562	7.91	6.0364
27	2-Butanone	------	------	0.078	0.061	0.073	0.062	0.064	0.079	0.062	0.060	0.067	0.067	11.17	6.2094
28	2,2-Dichloropropane	0.276	0.284	0.285	0.262	0.291	0.269	0.275	0.277	0.263	0.242	0.251	0.271	5.57	6.4147
29	cis-1,2-Dichloroethene	0.357	0.370	0.355	0.341	0.360	0.364	0.366	0.353	0.358	0.342	0.355	0.356	2.52	6.4863
30	Chloroform	0.469	0.464	0.488	0.470	0.491	0.510	0.512	0.484	0.498	0.472	0.492	0.486	3.36	6.7106
31	Bromochloromethane	0.205	0.207	0.229	0.205	0.230	0.229	0.227	0.234	0.220	0.208	0.219	0.219	5.17	6.9497
32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
33	Dibromofluoromethane	------	------	------	0.299	0.307	0.314	0.325	0.325	0.329	0.314	0.316	0.316	3.23	7.0218
34	1,1,1-Trichloroethane	0.343	0.321	0.355	0.342	0.380	0.385	0.393	0.388	0.388	0.365	0.389	0.368	6.68	7.2929
35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	tert-Amyl methyl ether (TAME)	------	0.073	0.080	0.081	0.087	0.092	0.099	0.102	0.099	0.098	0.113	0.092	12.51	7.6920
37	1,2-Dichloroethane-d4	------	------	------	0.220	0.235	0.217	0.222	0.243	------	------	------	0.228	5.01	7.7631
38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
39	1,1-Dichloropropene	0.142	0.161	0.179	0.164	0.185	0.180	0.186	0.189	0.189	0.177	0.196	0.177	8.93	7.5266
40	Carbon tetrachloride	0.284	0.295	0.326	0.324	0.370	0.369	0.376	0.387	0.389	0.364	0.404	0.353	11.28	7.6766
41	1,2-Dichloroethane	0.273	0.260	0.311	0.256	0.303	0.285	0.286	0.302	0.275	0.259	0.284	0.282	6.24	7.9076
42	Benzene	1.457	1.429	1.438	1.402	1.476	1.451	1.470	1.419	1.459	1.374	1.465	1.440	2.19	7.9319
43	Trichloroethene	0.392	0.368	0.389	0.389	0.411	0.419	0.430	0.419	0.433	0.411	0.450	0.416	5.77	8.8722
44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
45	1,2-Dichloropropane	0.314	0.327	0.336	0.325	0.346	0.355	0.361	0.346	0.355	0.336	0.362	0.342	4.68	9.1505
46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
47	Bromodichloromethane	0.297	0.307	0.339	0.328	0.369	0.377	0.400	0.391	0.398	0.381	0.425	0.365	11.32	9.5268
48	Dibromomethane	0.141	0.128	0.150	0.138	0.168	0.149	0.157	0.171	0.153	0.146	0.164	0.151	8.67	9.6193

	49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	50	4-Methyl-2-pentanone	------	------	0.214	0.158	0.203	0.172	0.176	0.215	0.173	0.170	0.194	0.186	11.18	10.0683
	51	cis-1,3-Dichloropropene	0.374	0.362	0.394	0.396	0.453	0.468	0.487	0.486	0.488	0.468	0.517	0.445	12.05	10.4218
	52	Toluene-d8	------	------	------	1.327	1.355	1.327	1.381	1.363	1.418	1.333	1.357	1.357	2.27	10.8262
	53	Toluene	1.433	1.393	1.451	1.412	1.507	1.514	1.528	1.456	1.502	1.417	1.499	1.465	3.22	10.9636
	54	Ethyl methacrylate	------	0.199	0.249	0.219	0.283	0.255	0.266	0.300	0.269	0.260	0.303	0.260	12.58	11.2526
	55	trans-1,3-Dichloropropene	------	0.234	0.284	0.262	0.321	0.325	0.343	0.355	0.343	0.327	0.368	0.316	13.56	11.2750
5	56	2-Hexanone	------	------	0.128	0.102	0.131	0.112	0.114	0.141	0.113	0.110	0.128	0.120	10.54	11.5527
	57	1,1,2-Trichloroethane	0.185	0.175	0.222	0.191	0.226	0.207	0.209	0.224	0.204	0.194	0.218	0.205	8.34	11.5445
	58	1,3-Dichloropropane	0.343	0.345	0.412	0.352	0.416	0.387	0.394	0.422	0.390	0.367	0.412	0.386	7.66	11.9890
	59	Tetrachloroethene	0.293	0.279	0.290	0.295	0.329	0.329	0.329	0.323	0.327	0.304	0.326	0.311	6.14	12.1011
	60	Dibromochloromethane	------	0.179	0.199	0.187	0.230	0.234	0.255	0.267	0.257	0.246	------	0.228	14.12	12.4614
	61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	62	1,2-Dibromoethane	0.188	0.178	0.201	0.184	0.223	0.206	0.212	0.237	0.213	0.203	0.234	0.207	9.33	12.8198
	63	1-Chlorohexane	0.479	0.476	0.533	0.528	0.633	0.619	0.629	0.628	0.608	0.558	0.588	0.571	10.42	13.1089
	64	Chlorobenzene	0.901	0.876	0.905	0.889	0.948	0.969	0.989	0.943	0.973	0.917	0.977	0.935	4.23	13.5777
	65	1,1,1,2-Tetrachloroethane	0.245	0.228	0.243	0.258	0.283	0.295	0.307	0.288	0.303	0.288	0.315	0.278	10.51	13.6574
	66	Ethylbenzene	1.487	1.479	1.530	1.536	1.652	1.668	1.683	1.599	1.605	1.476	1.507	1.566	5.01	13.6764
2	67	m-Xylene & p-Xylene	1.123	1.113	1.118	1.155	1.221	1.240	1.246	1.182	1.207	1.120	1.132	1.169	4.46	13.8142
	68	o-Xylene	1.080	1.125	1.116	1.153	1.241	1.277	1.300	1.229	1.257	1.165	1.220	1.197	6.07	14.6315
	69	Styrene	------	0.634	0.693	0.727	0.844	0.888	0.940	0.908	0.947	0.901	0.975	0.846	14.04	14.6989
	70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
	71	Isopropylbenzene	3.643	3.663	3.630	3.826	4.317	4.248	4.363	4.083	4.255	3.982	4.046	4.005	6.95	15.3124
	72	Bromoform	------	0.189	0.278	0.242	0.312	0.290	0.325	0.371	0.353	0.345	------	0.301	19.34	15.3411
	73	1,1,2,2-Tetrachloroethane	0.556	0.564	0.737	0.581	0.729	0.626	0.646	0.742	0.659	0.637	0.722	0.654	10.71	15.6448
	74	4-Bromofluorobenzene	------	------	------	1.104	1.145	1.111	1.181	1.149	1.225	1.168	1.166	1.156	3.35	15.7898
	75	1,2,3-Trichloropropane	------	0.141	0.203	0.150	0.186	0.159	0.162	0.191	0.167	0.162	0.184	0.170	11.54	15.9250
	76	trans-1,4-Dichloro-2-butene	------	------	0.132	0.093	0.127	0.109	0.125	0.141	0.129	0.127	0.137	0.124	11.87	15.4051
	77	n-Propylbenzene	4.415	4.440	4.487	4.702	5.440	5.343	5.425	5.084	5.189	4.817	4.891	4.930	7.94	16.0839
	78	Bromobenzene	0.840	0.836	0.903	0.906	0.958	0.946	0.972	0.937	0.991	0.948	0.992	0.930	5.77	16.1649
	79	1,3,5-Trimethylbenzene	2.733	2.618	2.724	2.910	3.290	3.349	3.356	3.071	3.188	2.978	3.123	3.031	8.60	16.3878
	80	2-Chlorotoluene	3.082	2.995	3.010	3.079	3.434	3.404	3.224	3.156	3.121	3.136	3.143	3.162	4.50	16.4230
	81	4-Chlorotoluene	2.653	2.511	2.503	2.580	2.651	2.672	2.945	2.555	2.950	2.530	2.641	2.654	5.92	16.5148
	82	tert-Butylbenzene	0.644	0.648	0.654	0.696	0.832	0.831	0.843	0.783	0.799	0.751	0.824	0.755	10.65	17.0822
	83	1,2,4-Trimethylbenzene	2.726	2.675	2.691	2.846	3.171	3.229	3.277	2.971	3.083	2.898	3.023	2.963	7.25	17.1566
	84	sec-Butylbenzene	3.641	3.537	3.562	3.833	4.660	4.627	4.609	4.304	4.270	4.019	4.338	4.127	10.46	17.4997
	85	p-Isopropyltoluene	------	2.648	2.625	2.882	3.500	3.579	3.595	3.277	3.318	3.121	3.389	3.193	11.38	17.7692
	86	1,3-Dichlorobenzene	1.719	1.655	1.673	1.664	1.843	1.884	1.927	1.775	1.868	1.770	1.846	1.784	5.40	17.9401
	87	1,4-Dichlorobenzene	1.681	1.580	1.566	1.623	1.785	1.830	1.851	1.722	1.804	1.700	1.790	1.721	5.82	18.1266
	88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	89	n-Butylbenzene	------	2.188	2.245	2.533	3.156	3.333	3.294	3.015	2.980	2.828	3.020	2.859	14.28	18.4736
	90	1,2-Dichlorobenzene	1.405	1.323	1.377	1.383	1.525	1.540	1.573	1.472	1.522	1.443	1.533	1.463	5.61	18.7210
	91	1,2-Dibromo-3-chloropropane	------	------	0.068	0.063	0.087	0.074	0.087	0.108	0.093	0.093	------	0.084	17.73	19.8122
	92	1,2,4-Trichlorobenzene	------	0.607	0.631	0.654	0.803	0.893	0.907	0.843	0.850	0.807	0.875	0.787	14.39	20.9153
	93	Hexachlorobutadiene	------	0.386	0.386	0.451	0.538	0.575	0.553	0.496	0.544	0.529	0.591	0.505	14.67	21.0907
	94	Naphthalene	------	------	0.927	0.827	1.105	1.067	1.146	1.351	1.170	1.158	1.285	1.115	14.56	21.2587
	95	1,2,3-Trichlorobenzene	------	0.442	0.473	0.473	0.583	0.640	0.656	0.644	0.622	0.609	0.656	0.580	14.53	21.5870

Spike Amount = Nominal Amount * M

Ave_%RSD : 8.6 Max_%RSD : 19.3

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = xo + x1 * Amt_Ratio

SC – 9/7/10

DX	Parameter	x0	x1	CCF
9	Acrolein	-0.00260	0.00637	0.9952
72	Bromoform	-0.01112	0.34910	0.9982
91	1,2-Dibromo-3-chloropropane	-0.00473	0.09553	0.9953

INITIAL CALIBRATION - RELATIVE RESPONSE FACTOR(%REC)

nstrument ID :T006
eginning DateTime :09/02/10 18:08
pike Units :PPB
C File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V006102

	IDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	AvgRec	% RSD	Av Rt N
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	77	96	96	100	107	102	102	113	103	98	105	6.1	9.31	1.9159
	3	Chloromethane	90	83	88	98	101	101	106	115	109	103	107	7.8	10.04	2.1753
	4	Vinyl chloride	83	98	110	115	116	107	89	81	------	------	------	12.1	14.14	2.3165
	5	Bromomethane	------	82	92	105	98	100	103	108	105	103	107	5.8	8.02	2.8413
	6	Chloroethane	78	84	106	106	104	103	102	108	104	101	104	6.9	9.68	2.9386
	7	Dichlorofluoromethane	95	96	105	91	102	104	103	103	102	98	102	3.5	4.25	2.9818
	8	Trichlorofluoromethane	------	85	89	99	105	101	102	112	104	99	104	5.5	7.81	3.2500
5	9	Acrolein	------	------	------	108	100	91	91	115	96	100	------	6.4	8.9	3.7679
5	10	Acetone	------	------	------	100	110	97	94	113	90	90	97	6.9	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	103	96	98	89	101	102	102	106	102	97	104	3.7	4.84	3.8019
	12	1,1-Dichloroethene	93	93	102	96	103	103	103	106	103	97	102	3.9	4.48	4.0194
5	13	tert-Butyl alcohol	------	76	118	88	100	100	100	106	94	88	100	7.6	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	87	92	98	94	101	103	105	103	106	101	108	5.3	6.57	4.4247
	17	Methylene chloride	------	120	111	99	101	100	99	96	93	88	91	6.4	9.34	4.6529
5	18	Acrylonitrile	90	84	120	90	112	96	98	120	94	92	102	9.8	12.28	4.8138
	19	Carbon disulfide	------	80	99	93	102	97	101	110	108	103	107	6.1	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	92	91	101	91	104	100	100	110	103	98	110	5.1	6.81	4.8476
	21	trans-1,2-Dichloroethene	91	94	104	97	103	104	104	102	103	97	101	3.8	4.49	5.0407
	22	Isopropyl ether (DIPE)	97	92	99	96	102	106	107	99	103	97	101	3.5	4.51	5.4663
	23	Vinyl acetate	------	92	109	93	106	98	98	117	98	92	100	6.1	8.03	5.6277
	24	1,1-Dichloroethane	99	93	96	96	102	105	106	101	104	97	101	3.4	4.03	5.6284
5	25	2-Butanol	------	------	------	100	109	91	100	127	100	100	118	8	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	89	91	93	92	98	102	106	104	107	104	114	6.6	7.91	6.0364
5	27	2-Butanone	------	------	116	91	109	93	96	118	93	90	100	9.1	11.17	6.2094
	28	2,2-Dichloropropane	102	105	105	97	107	99	101	102	97	89	93	4.4	5.57	6.4147
	29	cis-1,2-Dichloroethene	100	104	100	96	101	102	103	99	101	96	100	1.9	2.52	6.4863
	30	Chloroform	97	95	100	97	101	105	105	100	102	97	101	2.7	3.36	6.7106
	31	Bromochloromethane	94	95	105	94	105	105	104	107	100	95	100	4.4	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	95	97	99	103	103	104	99	100	2.4	3.23	7.0218
	34	1,1,1-Trichloroethane	93	87	96	93	103	105	107	105	105	99	106	5.7	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	79	87	88	95	100	108	111	108	107	120	10.3	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	96	103	95	97	107	------	------	------	4.1	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	80	91	101	93	105	102	105	107	107	100	111	6.6	8.90	7.5266
	40	Carbon tetrachloride	80	84	92	92	105	105	107	110	110	103	114	9.6	11.28	7.6766
	41	1,2-Dichloroethane	97	92	110	94	107	101	101	107	98	92	101	5	6.24	7.9076
	42	Benzene	101	99	100	97	102	101	102	99	101	95	102	1.7	2.19	7.9319
	43	Trichloroethene	96	90	95	95	100	102	105	102	106	100	110	4.5	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	92	96	98	95	101	104	106	101	104	98	106	3.9	4.68	9.1535
0	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	81	84	93	90	101	103	110	107	109	104	116	9.3	11.32	9.5288
	48	Dibromomethane	93	85	99	91	111	99	104	113	101	97	109	6.7	8.67	9.6193

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	115	85	109	92	95	116	93	91	104	9.7	11.18	10.0683
51	cis-1,3-Dichloropropene	84	81	89	89	102	105	109	109	110	105	116	10.3	12.05	10.4218
52	Toluene-d8	------	------	------	98	100	98	102	100	104	98	100	1.6	2.27	10.8262
53	Toluene	98	95	99	96	103	103	104	99	103	97	102	2.8	3.22	10.9636
54	Ethyl methacrylate	------	77	96	84	109	98	102	115	103	100	117	9.2	12.58	11.2526
55	trans-1,3-Dichloropropene	------	74	90	83	102	103	109	112	109	103	116	10.7	13.56	11.2750
5 56	2-Hexanone	------	------	107	85	109	93	95	118	94	92	107	9	10.54	11.5527
57	1,1,2-Trichloroethane	90	85	108	93	110	101	102	109	100	95	106	6.7	8.34	11.5445
58	1,3-Dichloropropane	89	89	107	91	108	100	102	109	101	95	107	6.3	7.66	11.9890
59	Tetrachloroethene	94	90	93	95	106	106	106	104	105	98	105	5.6	6.14	12.1011
60	Dibromochloromethane	------	79	87	82	101	103	112	117	113	108	------	11.7	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	91	86	97	89	108	100	102	114	103	98	113	7.3	9.33	12.8198
63	1-Chlorohexane	84	83	93	92	111	108	110	110	106	98	103	8.9	10.42	13.1089
64	Chlorobenzene	96	94	97	95	101	104	106	101	104	98	104	3.7	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	88	82	87	93	102	106	110	104	109	104	113	8.9	10.51	13.6574
66	Ethylbenzene	95	94	98	98	105	107	107	102	102	94	96	4.4	5.01	13.6764
2 67	m-Xylene & p-Xylene	96	95	96	99	104	106	107	101	103	96	97	3.9	4.46	13.8142
68	o-Xylene	90	94	93	96	104	107	109	103	105	97	102	5.2	6.07	14.6315
69	Styrene	------	75	82	86	100	105	111	107	112	107	115	11.5	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	91	91	91	96	108	106	109	102	106	99	101	5.8	6.95	15.3124
72	Bromoform	------	118	112	85	96	86	95	107	102	100	------	8.6	11	15.3411
73	1,1,2,2-Tetrachloroethane	85	86	113	89	111	96	99	113	101	97	110	8.8	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	96	99	96	102	99	106	101	101	2.5	3.35	15.7898
75	1,2,3-Trichloropropane	------	83	119	88	109	94	95	112	98	95	108	9.6	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	106	75	102	88	101	114	104	102	110	8.6	11.87	15.4051
77	n-Propylbenzene	90	90	91	95	110	108	110	103	105	98	99	6.7	7.94	16.0839
78	Bromobenzene	90	90	97	97	103	102	105	101	107	102	107	4.6	5.77	16.1649
79	1,3,5-Trimethylbenzene	90	86	90	96	109	110	111	101	105	98	103	7.1	8.60	16.3878
80	2-Chlorotoluene	97	95	95	97	109	108	102	100	99	99	99	3.3	4.50	16.4230
81	4-Chlorotoluene	100	95	94	97	100	101	111	96	111	95	100	4.2	5.92	16.5148
82	tert-Butylbenzene	85	86	87	92	110	110	112	104	106	99	109	9.2	10.65	17.0822
83	1,2,4-Trimethylbenzene	92	90	91	96	107	109	111	100	104	98	102	6	7.25	17.1566
84	sec-Butylbenzene	88	86	86	93	113	112	112	104	103	97	105	9	10.46	17.4997
85	p-Isopropyltoluene	------	83	82	90	110	112	113	103	104	98	106	9.4	11.38	17.7692
86	1,3-Dichlorobenzene	96	93	94	93	103	106	108	99	105	99	103	4.6	5.40	17.9401
87	1,4-Dichlorobenzene	98	92	91	94	104	106	108	100	105	99	104	4.8	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	77	79	89	110	117	115	105	104	99	106	11.5	14.28	18.4736
90	1,2-Dichlorobenzene	96	90	94	95	104	105	108	101	104	99	105	4.8	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	121	91	101	83	93	115	99	98	------	9.1	12.5	19.8122
92	1,2,4-Trichlorobenzene	------	77	80	83	102	113	115	107	108	103	111	11.9	14.39	20.9153
93	Hexachlorobutadiene	------	76	76	89	107	114	110	98	108	105	117	11.9	14.67	21.0907
94	Naphthalene	------	------	83	74	99	96	103	121	105	104	115	10.7	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	76	82	82	101	110	113	111	107	105	113	12.1	14.53	21.5870

Sw
9/7/10

02020

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T006
IC_Beginning DateTime :09/02/10 18:08
Spike Amount :10 PPB
CC/CV File :RIW200
IC File :RI4064

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :09/02/10 23:29
HPChem Method :V006102
Date_Time :09/09/10 10:05

M	IDX	Parameters	CC_Con	CC%_D	CC_Resp	CORRF	AvRRF	CC_Rtm	AvRtm	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1276501	1	1	8.344	8.356	0				
	2	Dichlorodifluoromethane	10.711	7.1	420652	0.330	0.308	1.909	1.916	9.31				
	3	Chloromethane	9.249	-7.5	474307	0.372	0.402	2.176	2.175	10.04				
	4	Vinyl chloride	10.778	7.8	458988	0.360	0.334	2.310	2.316	14.14				
	5	Bromomethane	9.135	-8.6	309347	0.242	0.265	2.830	2.841	8.02				
	6	Chloroethane	9.723	-2.8	294152	0.230	0.237	2.934	2.939	9.68				
	7	Dichlorofluoromethane	10.345	3.5	746703	0.585	0.565	2.979	2.982	4.25				
	8	Trichlorofluoromethane	10.524	5.2	512537	0.402	0.382	3.246	3.250	7.81				
5	9	Acrolein	48.933	-2.1	36473	0.006	0.006	3.766	3.768	15.72	-0.0026	0.0064		0.9952
5	10	Acetone	53.988	8.0	210863	0.033	0.031	3.841	3.847	9.41				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.936	19.4	272582	0.214	0.179	3.796	3.802	4.84				
	12	1,1-Dichloroethene	10.423	4.2	591035	0.463	0.444	4.019	4.019	4.48				
5	13	tert-Butyl alcohol	46.927	-6.1	98962	0.016	0.017	4.123	4.121	11.42				
	14	Acetonitrile												
	15	Methyl acetate												
	16	Iodomethane	9.290	-7.1	617362	0.484	0.521	4.420	4.425	6.57				
	17	Methylene chloride	9.781	-2.2	481705	0.377	0.386	4.643	4.653	9.34				
6	18	Acrylonitrile	57.362	-4.4	372689	0.049	0.051	4.807	4.814	12.28				
	19	Carbon disulfide	8.546	-14.5	1277288	1.001	1.171	4.658	4.668	8.80				
	20	tert-Butyl methyl ether (MTBE)	9.485	-5.2	519217	0.407	0.429	4.837	4.848	6.81				
	21	trans-1,2-Dichloroethene	9.439	-5.6	543555	0.426	0.451	5.030	5.041	4.49				
	22	Isopropyl ether (DIPE)	9.163	-8.4	1196615	0.937	1.023	5.461	5.466	4.51				
	23	Vinyl acetate	9.625	-3.8	355365	0.278	0.289	5.624	5.628	8.03				
	24	1,1-Dichloroethane	10.413	4.1	710875	0.557	0.535	5.624	5.628	4.03				
5	25	2-Butanol	41.021	-18.0	60186	0.009	0.011	5.921	5.928	12.64				
	26	tert-Butyl ethyl ether (ETBE)	8.780	-12.2	629847	0.493	0.562	6.025	6.036	7.91				
5	27	2-Butanone	50.479	1.0	433704	0.068	0.067	6.204	6.209	11.17				
	28	2,2-Dichloropropane	12.306	23.1	424970	0.333	0.271	6.412	6.415	5.57				
	29	cis-1,2-Dichloroethene	9.414	-5.9	428327	0.336	0.356	6.471	6.486	2.52				
	30	Chloroform	10.527	5.3	653630	0.512	0.486	6.694	6.711	3.36				
	31	Bromochloromethane	10.108	1.1	283018	0.222	0.219	6.947	6.950	5.17				
	32	Tetrahydrofuran												
	33	Dibromofluoromethane	9.395	-6.0	378840	0.297	0.316	7.021	7.022	3.23				
	34	1,1,1-Trichloroethane	10.939	9.4	513845	0.403	0.368	7.289	7.293	6.68				
	35	Cyclohexane												
	36	tert-Amyl methyl ether (TAME)	8.873	-11.3	104265	0.082	0.092	7.675	7.692	12.51				
	37	1,2-Dichloroethane-d4	9.688	-3.1	281379	0.220	0.228	7.749	7.763	5.01				
	38	CHLOROBENZENE-D5	10.000	0	1110030	1	1	13.500	13.509	0				
	39	1,1-Dichloropropene	10.305	3.1	202633	0.183	0.177	7.511	7.527	8.90				
	40	Carbon tetrachloride	11.157	11.6	437728	0.394	0.353	7.660	7.677	11.28				
	41	1,2-Dichloroethane	10.375	3.8	325071	0.293	0.282	7.898	7.908	6.24				
	42	Benzene	9.527	-4.7	1522974	1.372	1.440	7.928	7.932	2.19				
	43	Trichloroethene	9.861	-1.4	448973	0.404	0.410	8.864	8.872	5.77				
	44	Methylcyclohexane												
	45	1,2-Dichloropropane	9.968	-0.3	378539	0.341	0.342	9.146	9.151	4.68				
20	46	1,4-Dioxane												
	47	Bromodichloromethane	9.941	-0.6	402525	0.363	0.365	9.518	9.529	11.32				
	48	Dibromomethane	10.103	1.0	169809	0.153	0.151	9.607	9.619	8.67				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	48.673	-2.7	1005280	0.181	0.186	10.053	10.068	11.18				
	51	cis-1,3-Dichloropropene	10.220	2.2	504647	0.455	0.445	10.409	10.422	12.05				
	52	Toluene-d8	9.702	-3.0	1461977	1.317	1.357	10.825	10.826	2.27				
	53	Toluene	9.806	-1.9	1594327	1.436	1.465	10.959	10.964	3.22				
	54	Ethyl methacrylate	8.886	-11.1	256827	0.231	0.260	11.242	11.253	12.58				
	55	trans-1,3-Dichloropropene	10.695	6.9	375396	0.338	0.316	11.256	11.275	13.56				
5	56	2-Hexanone	47.918	-4.2	636964	0.115	0.120	11.539	11.553	10.54				
	57	1,1,2-Trichloroethane	10.232	2.3	232957	0.210	0.205	11.539	11.545	8.34				
	58	1,3-Dichloropropane	10.202	2.0	436670	0.393	0.386	11.985	11.989	7.66				
	59	Tetrachloroethene	10.116	1.2	349639	0.315	0.311	12.089	12.101	6.14				
	60	Dibromochloromethane	10.018	0.2	253819	0.229	0.228	12.445	12.461	14.12				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.128	1.3	232783	0.210	0.207	12.802	12.820	9.33				
	63	1-Chlorohexane	9.686	-3.1	613630	0.553	0.571	13.099	13.109	10.42				
	64	Chlorobenzene	9.978	-0.2	1035740	0.933	0.935	13.560	13.578	4.23				

5-
CVRF||C

	65	1,1,1,2-Tetrachloroethane	10.188	1.9	313941	0.283	0.278	13.649	13.657	10.51				
	66	Ethylbenzene	10.326	3.3	1794864	1.617	1.566	13.664	13.676	5.01				
2	67	m-Xylene & p-Xylene	20.006	0.0	2595918	1.169	1.169	13.798	13.814	4.46				
	68	o-Xylene	9.862	-1.4	1309965	1.180	1.197	14.615	14.632	6.07				
	69	Styrene	9.168	-8.3	860779	0.775	0.846	14.689	14.699	14.04				
	70	1,2-DICHLOROBENZENE-D4	10.000	0	412452	1	1	18.672	18.679	0				
	71	Isopropylbenzene	10.626	6.3	1755477	4.256	4.005	15.299	15.312	6.95				
	72	Bromoform	9.045	-9.5	125664	0.305	0.301	15.328	15.341	19.34	-0.0111	0.3491		0.9982
	73	1,1,2,2-Tetrachloroethane	10.056	0.6	271430	0.658	0.654	15.626	15.645	10.71				
	74	4-Bromofluorobenzene	9.501	-5.0	453055	1.098	1.156	15.774	15.790	3.35				
	75	1,2,3-Trichloropropane	10.028	0.3	70472	0.171	0.170	15.923	15.925	11.54				
	76	trans-1,4-Dichloro-2-butene	9.174	-8.3	47035	0.114	0.124	15.403	15.405	11.87				
	77	n-Propylbenzene	10.194	1.9	2073104	5.026	4.930	16.071	16.084	7.94				
	78	Bromobenzene	9.771	-2.3	374777	0.909	0.930	16.146	16.165	5.77				
	79	1,3,5-Trimethylbenzene	10.127	1.3	1266090	3.070	3.031	16.369	16.388	8.60				
	80	2-Chlorotoluene	10.037	0.4	1309162	3.174	3.162	16.413	16.423	4.50				
	81	4-Chlorotoluene	9.589	-4.1	1049657	2.545	2.654	16.502	16.515	5.92				
	82	tert-Butylbenzene	10.647	6.5	331575	0.804	0.755	17.067	17.082	10.65				
	83	1,2,4-Trimethylbenzene	9.952	-0.5	1216215	2.949	2.963	17.141	17.157	7.25				
	84	sec-Butylbenzene	10.645	6.5	1812107	4.393	4.127	17.483	17.500	10.46				
	85	p-Isopropyltoluene	10.460	4.6	1377824	3.341	3.193	17.751	17.769	11.38				
	86	1,3-Dichlorobenzene	9.786	-2.1	720076	1.746	1.784	17.929	17.940	5.40				
	87	1,4-Dichlorobenzene	9.806	-1.9	696056	1.688	1.721	18.122	18.127	5.82				
	88	Benzyl chloride												
	89	n-Butylbenzene	10.492	4.9	1237312	3.000	2.859	18.464	18.474	14.28				
	90	1,2-Dichlorobenzene	9.826	-1.7	593011	1.438	1.463	18.717	18.721	5.61				
	91	1,2-Dibromo-3-chloropropane	8.652	-13.5	32142	0.078	0.084	19.802	19.812	17.73	-0.0047	0.0955		0.9953
	92	1,2,4-Trichlorobenzene	9.763	-2.4	316910	0.768	0.787	20.901	20.915	14.39				
	93	Hexachlorobutadiene	9.703	-3.0	202088	0.490	0.505	21.080	21.091	14.67				
	94	Naphthalene	8.556	-14.4	393534	0.954	1.115	21.243	21.259	14.56				
	95	1,2,3-Trichlorobenzene	9.044	-9.6	216231	0.524	0.580	21.570	21.587	14.53				

Spike Amount = Nominal Amount * M

2202

DAILY CALIBRATIONS

2024

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW514
Instrument ID: T006
GC Column:RTX502.21D:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101305
BFB Injection Date : 09/28/10
BFB Injection Time : 07:15
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.59
75	30.0 - 60.0% of mass 95	45.54
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.85
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.47
175	5.0 - 9.0% of mass 174	5.73(7.2)1
176	95.0 - 101.0% of mass 174	77.57(97.6)1
177	5.0 - 9.0% of mass 176	5.00(6.4)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VST0010	CV0061D221	RIW515	09/28/10	07:48
2	MBLK1W	V0061268	RIW519	09/28/10	10:02
3	LCS1W	V0061261	RIW516	09/28/10	08:27
4	LCD1W	V0061260	RIW517	09/28/10	08:58
5	TB-09/20/10	I305-03	RIW528	09/28/10	14:46
6	IW-70-SSB109-A10	I305-01	RIW533	09/28/10	17:23

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIW064
Instrument ID: TOD6
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10I305
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(DCB) AREA #	IS3(DCB) RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1243427	8.30	1118924	13.43	464270	18.60
2	MBLK1W	1345279	8.30	1218099	13.42	466831	18.61
3	LCS1W	1235423	8.30	1095000	13.43	444193	18.60
4	LCD1W	1315254	8.30	1162310	13.42	452131	18.61
5	TB-09/20/10	1384212	8.30	1250063	13.43	473373	18.62
6	IW-70-SSB109-A10	944315	8.31	867961	13.44	360840	18.61

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	86	0.01
2	T	Dichlorodifluoromethane	10.000	10.821	-8.2	91	0.00
3	P,T	Chloromethane	10.000	9.690	3.1	83	0.03
4	C,T	Vinyl chloride	10.000	9.837	1.6	79	0.01
5	T	Bromomethane	10.000	10.105	-1.1	88	0.01
6	T	Chloroethane	10.000	10.188	-1.9	85	0.01
7	T	Dichlorofluoromethane	10.000	9.983	0.2	83	0.03
8	T	Trichlorofluoromethane	10.000	11.990	-19.9	103	0.01
9	T	Acrolein	50.000	37.909	24.2#	71	0.01
10	T	Acetone	50.000	51.224	-2.4	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.030	-0.3	85	0.01
12	CMT	1,1-Dichloroethene	10.000	9.734	2.7	82	0.00
13	T	tert-Butyl alcohol	50.000	49.935	0.1	85	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	7.683	23.2#	64	0.00
17	T	Methylene chloride	10.000	9.642	3.6	83	0.00
18	T	Acrylonitrile	50.000	44.875	10.3	80	0.01
19	T	Carbon disulfide	10.000	10.588	-5.9	94	0.01
20	T	tert-Butyl methyl ether (MT	10.000	10.639	-6.4	92	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.152	8.5	76	0.01
22	T	Isopropyl ether (DIPE)	10.000	10.608	-6.1	86	0.01
23	T	Vinyl acetate	10.000	9.960	0.4	88	0.01
24	P,T	1,1-Dichloroethane	10.000	10.482	-4.8	86	0.01
25	T	2-Butanol	50.000	53.880	-7.8	111	-0.03
26	T	tert-Butyl ethyl ether (ETB	10.000	11.315	-13.1	96	0.01
27	T	2-Butanone	50.000	45.429	9.1	85	0.01
28	T	2,2-Dichloropropane	10.000	9.733	2.7	84	0.01
29	T	cis-1,2-Dichloroethene	10.000	9.764	2.4	82	0.01
30	C,T	Chloroform	10.000	10.817	-8.2	89	0.01
31	T	Bromochloromethane	10.000	10.340	-3.4	86	0.01
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.302	-3.0	89	0.01
34	T	1,1,1-Trichloroethane	10.000	10.273	-2.7	85	0.01
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	11.134	-11.3	96	0.01
37	S	1,2-Dichloroethane-d4	10.000	10.178	-1.8	92	0.01
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	87	0.01
39	T	1,1-Dichloropropene	10.000	9.597	4.0	82	0.01
40	T	Carbon tetrachloride	10.000	10.721	-7.2	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.365	-3.7	90	0.00
42	TM	Benzene	10.000	9.453	5.5	82	0.01
43	TM	Trichloroethene	10.000	9.618	3.8	82	0.01
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.277	-2.8	86	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.475	-14.7	97	0.01
48	T	Dibromomethane	10.000	10.196	-2.0	90	0.01
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	45.919	8.2	87	0.01
51	T	cis-1,3-Dichloropropene	10.000	10.908	-9.1	90	0.01
52	S	Toluene-d8	10.000	9.750	2.5	87	0.01
53	CMT	Toluene	10.000	9.972	0.3	84	0.01
54	T	Ethyl methacrylate	10.000	9.820	1.8	87	0.01
55	T	trans-1,3-Dichloropropene	10.000	10.721	-7.2	91	0.00
56	T	2-Hexanone	50.000	47.258	5.5	88	0.01
57	T	1,1,2-Trichloroethane	10.000	10.232	-2.3	88	0.01
58	T	1,3-Dichloropropane	10.000	10.152	-1.5	88	0.00
59	T	Tetrachloroethene	10.000	10.184	-1.8	84	0.01
60	T	Dibromochloromethane	10.000	11.740	-17.4	100	0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.290	-2.9	90	0.01
63	T	1-Chlorohexane	10.000	11.108	-11.1	89	0.01
64	PM	Chlorobenzene	10.000	10.297	-3.0	87	0.01
65	T	1,1,1,2-Tetrachloroethane	10.000	11.382	-13.8	93	0.01
66	C,T	Ethylbenzene	10.000	10.627	-6.3	87	0.01
67	T	m-Xylene & p-Xylene	20.000	20.968	-4.8	86	0.01
68	T	o-Xylene	10.000	10.676	-6.8	87	0.00
69	T	Styrene	10.000	10.996	-10.0	91	0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	97	0.00
71	T	Isopropylbenzene	10.000	9.717	2.8	88	0.01
72	P,T	Bromoform	10.000	9.804	2.0	110	0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	9.324	6.8	94	0.00
74	S	4-Bromofluorobenzene	10.000	9.000	10.0	90	0.00
75	T	1,2,3-Trichloropropane	10.000	8.888	11.1	92	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	8.543	14.6	94	0.00
77	T	n-Propylbenzene	10.000	9.956	0.4	89	0.01
78	T	Bromobenzene	10.000	9.438	5.6	90	0.01
79	T	1,3,5-Trimethylbenzene	10.000	9.810	1.9	86	0.00
80	T	2-Chlorotoluene	10.000	9.953	0.5	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	9.439	5.6	91	0.01
82	T	tert-Butylbenzene	10.000	10.486	-4.9	92	0.01
83	T	1,2,4-Trimethylbenzene	10.000	10.225	-2.2	91	0.01
84	T	sec-Butylbenzene	10.000	10.734	-7.3	92	0.01
85	T	p-Isopropyltoluene	10.000	10.412	-4.1	90	0.00
86	T	1,3-Dichlorobenzene	10.000	10.263	-2.6	94	0.01
87	T	1,4-Dichlorobenzene	10.000	10.208	-2.1	93	0.01
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	11.042	-10.4	91	0.01
90	T	1,2-Dichlorobenzene	10.000	10.427	-4.3	96	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.477	5.2	111	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.750	-7.5	91	0.01
93	T	Hexachlorobutadiene	10.000	12.940	-29.4#	110	0.01
94	T	Naphthalene	10.000	8.673	13.3	87	0.01
95	T	1,2,3-Trichlorobenzene	10.000	10.816	-8.2	95	0.01

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D Vial: 2
Acq On : 28 Sep 2010 7:48 am Operator: SD
Sample : CVO06I0221 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	86	0.01
2	T	Dichlorodifluoromethane	0.308	0.333	-8.1	91	0.00
3	P,T	Chloromethane	0.402	0.389	3.2	83	0.03
4	C,T	Vinyl chloride	0.334	0.328	1.8	79	0.01
5	T	Bromomethane	0.265	0.268	-1.1	88	0.01
6	T	Chloroethane	0.237	0.241	-1.7	85	0.01
7	T	Dichlorofluoromethane	0.565	0.564	0.2	83	0.03
8	T	Trichlorofluoromethane	0.382	0.457	-19.6	103	0.01
9	T	Acrolein	0.006	0.004	33.3#	71	0.01
10	T	Acetone	0.031	0.031	0.0	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.179	0.0	85	0.01
12	CMT	1,1-Dichloroethene	0.444	0.432	2.7	82	0.00
13	T	tert-Butyl alcohol	0.017	0.016	5.9	85	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.400	23.2#	64	0.00
17	T	Methylene chloride	0.386	0.372	3.6	83	0.00
18	T	Acrylonitrile	0.051	0.046	9.8	80	0.01
19	T	Carbon disulfide	1.171	1.240	-5.9	94	0.01
20	T	tert-Butyl methyl ether (MT	0.429	0.456	-6.3	92	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.413	8.4	76	0.01
22	T	Isopropyl ether (DIPE)	1.023	1.085	-6.1	86	0.01
23	T	Vinyl acetate	0.289	0.288	0.3	88	0.01
24	P,T	1,1-Dichloroethane	0.535	0.561	-4.9	86	0.01
25	T	2-Butanol	0.011	0.012	-9.1	111	-0.03
26	T	tert-Butyl ethyl ether (ETB	0.562	0.636	-13.2	96	0.01
27	T	2-Butanone	0.067	0.061	9.0	85	0.01
28	T	2,2-Dichloropropane	0.271	0.263	3.0	84	0.01
29	T	cis-1,2-Dichloroethene	0.356	0.348	2.2	82	0.01
30	C,T	Chloroform	0.486	0.526	-8.2	89	0.01
31	T	Bromochloromethane	0.219	0.227	-3.7	86	0.01
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.325	-2.8	89	0.01
34	T	1,1,1-Trichloroethane	0.368	0.378	-2.7	85	0.01
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.102	-10.9	96	0.01
37	S	1,2-Dichloroethane-d4	0.228	0.232	-1.8	92	0.01
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	87	0.01
39	T	1,1-Dichloropropene	0.177	0.170	4.0	82	0.01
40	T	Carbon tetrachloride	0.353	0.379	-7.4	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D
Acq On : 28 Sep 2010 7:48 am
Sample : CVO06I0221
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.293	-3.9	90	0.00
42	TM	Benzene	1.440	1.361	5.5	82	0.01
43	TM	Trichloroethene	0.410	0.394	3.9	82	0.01
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.352	-2.9	86	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.419	-14.8	97	0.01
48	T	Dibromomethane	0.151	0.154	-2.0	90	0.01
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.171	8.1	87	0.01
51	T	cis-1,3-Dichloropropene	0.445	0.485	-9.0	90	0.01
52	S	Toluene-d8	1.357	1.323	2.5	87	0.01
53	CMT	Toluene	1.465	1.461	0.3	84	0.01
54	T	Ethyl methacrylate	0.260	0.256	1.5	87	0.01
55	T	trans-1,3-Dichloropropene	0.316	0.339	-7.3	91	0.00
56	T	2-Hexanone	0.120	0.113	5.8	88	0.01
57	T	1,1,2-Trichloroethane	0.205	0.210	-2.4	88	0.01
58	T	1,3-Dichloropropane	0.386	0.391	-1.3	88	0.00
59	T	Tetrachloroethene	0.311	0.317	-1.9	84	0.01
60	T	Dibromochloromethane	0.228	0.268	-17.5	100	0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.213	-2.9	90	0.01
63	T	1-Chlorohexane	0.571	0.634	-11.0	89	0.01
64	PM	Chlorobenzene	0.935	0.963	-3.0	87	0.01
65	T	1,1,1,2-Tetrachloroethane	0.278	0.316	-13.7	93	0.01
66	C,T	Ethylbenzene	1.566	1.664	-6.3	87	0.01
67	T	m-Xylene & p-Xylene	1.169	1.225	-4.8	86	0.01
68	T	o-Xylene	1.197	1.278	-6.8	87	0.00
69	T	Styrene	0.846	0.930	-9.9	91	0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	97	0.00
71	T	Isopropylbenzene	4.005	3.892	2.8	88	0.01
72	P,T	Bromoform	0.301	0.331	-10.0	110	0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.610	6.7	94	0.00
74	S	4-Bromofluorobenzene	1.156	1.041	9.9	90	0.00
75	T	1,2,3-Trichloropropane	0.170	0.151	11.2	92	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.106	14.5	94	0.00
77	T	n-Propylbenzene	4.930	4.908	0.4	89	0.01
78	T	Bromobenzene	0.930	0.878	5.6	90	0.01
79	T	1,3,5-Trimethylbenzene	3.031	2.973	1.9	86	0.00
80	T	2-Chlorotoluene	3.162	3.147	0.5	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW515.D
Acq On : 28 Sep 2010 7:48 am
Sample : CVO06I0221
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.505	5.6	91	0.01
82	T	tert-Butylbenzene	0.755	0.792	-4.9	92	0.01
83	T	1,2,4-Trimethylbenzene	2.963	3.029	-2.2	91	0.01
84	T	sec-Butylbenzene	4.127	4.430	-7.3	92	0.01
85	T	p-Isopropyltoluene	3.193	3.325	-4.1	90	0.00
86	T	1,3-Dichlorobenzene	1.784	1.831	-2.6	94	0.01
87	T	1,4-Dichlorobenzene	1.721	1.757	-2.1	93	0.01
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.157	-10.4	91	0.01
90	T	1,2-Dichlorobenzene	1.463	1.526	-4.3	96	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.086	-2.4	111	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.846	-7.5	91	0.01
93	T	Hexachlorobutadiene	0.505	0.653	-29.3#	110	0.01
94	T	Naphthalene	1.115	0.967	13.3	87	0.01
95	T	1,2,3-Trichlorobenzene	0.580	0.627	-8.1	95	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW614
Instrument ID: TQ06
GC Column:RTX502.210:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70,
SAS No.: SDG No.: 101305
BFB Injection Date : 09/30/10
BFB Injection Time : 12:58
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.11
75	30.0 - 60.0% of mass 95	41.76
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	83.20
175	5.0 - 9.0% of mass 174	5.99(7.2)1
176	95.0 - 101.0% of mass 174	80.40(96.6)1
177	5.0 - 9.0% of mass 176	5.45(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV00610225	RIW615	09/30/10	14:25
2	MBLK2W	VQ06130Q	RIW620	09/30/10	17:14
3	LCS2W	VQ06130L	RIW616	09/30/10	15:09
4	LCD2W	VQ06130C	RIW617	09/30/10	15:40
5	MW-70-PMW14A-A10DL	I305-02T	RIW631	09/30/10	22:56
6	MW-70-PMW14A-A10	I305-02R	RIW632	09/30/10	23:27
7	MW-70-PMW14A-A10MS	I305-02U	RIW633	09/30/10	23:58
8	MW 70 PMW14A-A10MSD	I305-02V	RIW634	10/01/10	00:29

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1W064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101305
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
SAMPLE ID						
1 VSTQ010	1363196	8.30	1176997	13.43	410547	18.62
2 MBLK2W	1420296	8.30	1218211	13.43	433778	18.62
3 LCS2W	1358109	8.31	1163549	13.44	399095	18.61
4 LCD2W	1392184	8.31	1217092	13.44	432416	18.61
5 MW-70-PMW14A-A10DL	1435635	8.30	1248545	13.42	445645	18.61
6 MW-70-PMW14A-A10	1359592	8.30	1188900	13.43	418397	18.60
7 MW-70-PMW14A-A10MS	1329211	8.30	1208037	13.43	449821	18.60
8 MW-70-PMW14A-A10MSD	1263700	8.30	1135343	13.42	417860	18.61

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	95	0.01
2	T	Dichlorodifluoromethane	10.000	9.864	1.4	91	0.00
3	P,T	Chloromethane	10.000	9.535	4.6	89	0.01
4	C,T	Vinyl chloride	10.000	10.618	-6.2	93	0.01
5	T	Bromomethane	10.000	10.115	-1.2	96	0.01
6	T	Chloroethane	10.000	10.397	-4.0	95	0.01
7	T	Dichlorofluoromethane	10.000	10.253	-2.5	93	0.01
8	T	Trichlorofluoromethane	10.000	11.076	-10.8	104	0.00
9	T	Acrolein	50.000	31.834	36.3#	64	0.01
10	T	Acetone	50.000	48.808	2.4	95	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.626	-6.3	99	0.03
12	CMT	1,1-Dichloroethene	10.000	10.104	-1.0	93	0.00
13	T	tert-Butyl alcohol	50.000	38.104	23.8#	71	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	8.881	11.2	81	0.01
17	T	Methylene chloride	10.000	9.806	1.9	93	0.00
18	T	Acrylonitrile	50.000	45.622	8.8	89	0.01
19	T	Carbon disulfide	10.000	10.235	-2.3	99	0.01
20	T	tert-Butyl methyl ether (MT	10.000	10.828	-8.3	103	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.716	2.8	88	0.01
22	T	Isopropyl ether (DIPE)	10.000	10.932	-9.3	97	0.01
23	T	Vinyl acetate	10.000	9.731	2.7	94	0.01
24	P,T	1,1-Dichloroethane	10.000	10.914	-9.1	98	0.01
25	T	2-Butanol	50.000	38.768	22.5#	88	-0.03
26	T	tert-Butyl ethyl ether (ETB	10.000	11.365	-13.7	105	0.01
27	T	2-Butanone	50.000	42.905	14.2	87	0.01
28	T	2,2-Dichloropropane	10.000	9.598	4.0	91	0.01
29	T	cis-1,2-Dichloroethene	10.000	10.352	-3.5	96	0.01
30	C,T	Chloroform	10.000	11.002	-10.0	99	0.01
31	T	Bromochloromethane	10.000	10.246	-2.5	93	0.01
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	9.694	3.1	92	0.01
34	T	1,1,1-Trichloroethane	10.000	10.394	-3.9	94	0.01
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	10.814	-8.1	102	0.01
37	S	1,2-Dichloroethane-d4	10.000	8.622	13.8	86	0.01
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	92	0.01
39	T	1,1-Dichloropropene	10.000	10.853	-8.5	98	0.01
40	T	Carbon tetrachloride	10.000	11.225	-12.2	99	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.125	-1.3	92	0.00
42	TM	Benzene	10.000	10.374	-3.7	94	0.01
43	TM	Trichloroethene	10.000	10.921	-9.2	98	0.01
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	11.201	-12.0	99	0.01
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.854	-18.5	105	0.01
48	T	Dibromomethane	10.000	10.386	-3.9	97	0.01
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	45.271	9.5	90	0.01
51	T	cis-1,3-Dichloropropene	10.000	11.492	-14.9	100	0.01
52	S	Toluene-d8	10.000	9.717	2.8	91	0.01
53	CMT	Toluene	10.000	10.789	-7.9	96	0.01
54	T	Ethyl methacrylate	10.000	9.493	5.1	89	0.01
55	T	trans-1,3-Dichloropropene	10.000	10.977	-9.8	98	0.01
56	T	2-Hexanone	50.000	45.110	9.8	89	0.01
57	T	1,1,2-Trichloroethane	10.000	10.855	-8.6	99	0.01
58	T	1,3-Dichloropropane	10.000	10.568	-5.7	97	0.01
59	T	Tetrachloroethene	10.000	10.965	-9.6	95	0.01
60	T	Dibromochloromethane	10.000	11.662	-16.6	104	0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.404	-4.0	96	0.01
63	T	1-Chlorohexane	10.000	11.717	-17.2	99	0.03
64	PM	Chlorobenzene	10.000	10.950	-9.5	97	0.01
65	T	1,1,1,2-Tetrachloroethane	10.000	11.867	-18.7	102	0.01
66	C,T	Ethylbenzene	10.000	11.129	-11.3	96	0.03
67	T	m-Xylene & p-Xylene	20.000	21.959	-9.8	95	0.01
68	T	o-Xylene	10.000	11.154	-11.5	96	0.01
69	T	Styrene	10.000	10.642	-6.4	93	0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	85	0.01
71	T	Isopropylbenzene	10.000	11.926	-19.3	96	0.03
72	P,T	Bromoform	10.000	10.894	-8.9	109	0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.862	-8.6	97	0.01
74	S	4-Bromofluorobenzene	10.000	10.001	-0.0	89	0.01
75	T	1,2,3-Trichloropropane	10.000	10.190	-1.9	93	0.01
76	T	trans-1,4-Dichloro-2-butene	10.000	9.801	2.0	96	0.01
77	T	n-Propylbenzene	10.000	11.908	-19.1	94	0.01
78	T	Bromobenzene	10.000	11.364	-13.6	95	0.03
79	T	1,3,5-Trimethylbenzene	10.000	11.756	-17.6	91	0.01
80	T	2-Chlorotoluene	10.000	11.341	-13.4	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	11.681	-16.8	99	0.01
82	T	tert-Butylbenzene	10.000	12.260	-22.6#	95	0.03
83	T	1,2,4-Trimethylbenzene	10.000	11.619	-16.2	91	0.01
84	T	sec-Butylbenzene	10.000	12.194	-21.9#	93	0.01
85	T	p-Isopropyltoluene	10.000	11.845	-18.5	90	0.01
86	T	1,3-Dichlorobenzene	10.000	11.508	-15.1	93	0.01
87	T	1,4-Dichlorobenzene	10.000	11.283	-12.8	91	0.01
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	11.924	-19.2	87	0.01
90	T	1,2-Dichlorobenzene	10.000	11.326	-13.3	92	0.01
91	T	1,2-Dibromo-3-chloropropane	10.000	9.866	1.3	103	0.01
92	T	1,2,4-Trichlorobenzene	10.000	10.618	-6.2	80	0.01
93	T	Hexachlorobutadiene	10.000	12.761	-27.6#	96	0.01
94	T	Naphthalene	10.000	10.057	-0.6	90	0.01
95	T	1,2,3-Trichlorobenzene	10.000	10.838	-8.4	84	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	95	0.01
2	T	Dichlorodifluoromethane	0.308	0.303	1.6	91	0.00
3	P,T	Chloromethane	0.402	0.383	4.7	89	0.01
4	C,T	Vinyl chloride	0.334	0.354	-6.0	93	0.01
5	T	Bromomethane	0.265	0.268	-1.1	96	0.01
6	T	Chloroethane	0.237	0.246	-3.8	95	0.01
7	T	Dichlorofluoromethane	0.565	0.580	-2.7	93	0.01
8	T	Trichlorofluoromethane	0.382	0.423	-10.7	104	0.00
9	T	Acrolein	0.006	0.004	33.3#	64	0.01
10	T	Acetone	0.031	0.030	3.2	95	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.190	-6.1	99	0.03
12	CMT	1,1-Dichloroethene	0.444	0.449	-1.1	93	0.00
13	T	tert-Butyl alcohol	0.017	0.013	23.5#	71	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.462	11.3	81	0.01
17	T	Methylene chloride	0.386	0.378	2.1	93	0.00
18	T	Acrylonitrile	0.051	0.046	9.8	89	0.01
19	T	Carbon disulfide	1.171	1.198	-2.3	99	0.01
20	T	tert-Butyl methyl ether (MT	0.429	0.464	-8.2	103	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.438	2.9	88	0.01
22	T	Isopropyl ether (DIPE)	1.023	1.118	-9.3	97	0.01
23	T	Vinyl acetate	0.289	0.281	2.8	94	0.01
24	P,T	1,1-Dichloroethane	0.535	0.584	-9.2	98	0.01
25	T	2-Butanol	0.011	0.009	18.2	88	-0.03
26	T	tert-Butyl ethyl ether (ETB	0.562	0.639	-13.7	105	0.01
27	T	2-Butanone	0.067	0.058	13.4	87	0.01
28	T	2,2-Dichloropropane	0.271	0.260	4.1	91	0.01
29	T	cis-1,2-Dichloroethene	0.356	0.369	-3.7	96	0.01
30	C,T	Chloroform	0.486	0.535	-10.1	99	0.01
31	T	Bromochloromethane	0.219	0.225	-2.7	93	0.01
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.306	3.2	92	0.01
34	T	1,1,1-Trichloroethane	0.368	0.382	-3.8	94	0.01
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.100	-8.7	102	0.01
37	S	1,2-Dichloroethane-d4	0.228	0.196	14.0	86	0.01
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	92	0.01
39	T	1,1-Dichloropropene	0.177	0.192	-8.5	98	0.01
40	T	Carbon tetrachloride	0.353	0.397	-12.5	99	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.286	-1.4	92	0.00
42	TM	Benzene	1.440	1.494	-3.8	94	0.01
43	TM	Trichloroethene	0.410	0.448	-9.3	98	0.01
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.383	-12.0	99	0.01
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.432	-18.4	105	0.01
48	T	Dibromomethane	0.151	0.157	-4.0	97	0.01
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.168	9.7	90	0.01
51	T	cis-1,3-Dichloropropene	0.445	0.511	-14.8	100	0.01
52	S	Toluene-d8	1.357	1.319	2.8	91	0.01
53	CMT	Toluene	1.465	1.580	-7.8	96	0.01
54	T	Ethyl methacrylate	0.260	0.247	5.0	89	0.01
55	T	trans-1,3-Dichloropropene	0.316	0.347	-9.8	98	0.01
56	T	2-Hexanone	0.120	0.108	10.0	89	0.01
57	T	1,1,2-Trichloroethane	0.205	0.223	-8.8	99	0.01
58	T	1,3-Dichloropropane	0.386	0.407	-5.4	97	0.01
59	T	Tetrachloroethene	0.311	0.341	-9.6	95	0.01
60	T	Dibromochloromethane	0.228	0.266	-16.7	104	0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.215	-3.9	96	0.01
63	T	1-Chlorohexane	0.571	0.669	-17.2	99	0.03
64	PM	Chlorobenzene	0.935	1.024	-9.5	97	0.01
65	T	1,1,1,2-Tetrachloroethane	0.278	0.329	-18.3	102	0.01
66	C,T	Ethylbenzene	1.566	1.743	-11.3	96	0.03
67	T	m-Xylene & p-Xylene	1.169	1.283	-9.8	95	0.01
68	T	o-Xylene	1.197	1.335	-11.5	96	0.01
69	T	Styrene	0.846	0.900	-6.4	93	0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	85	0.01
71	T	Isopropylbenzene	4.005	4.776	-19.3	96	0.03
72	P,T	Bromoform	0.301	0.369	-22.6#	109	0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.711	-8.7	97	0.01
74	S	4-Bromofluorobenzene	1.156	1.156	0.0	89	0.01
75	T	1,2,3-Trichloropropane	0.170	0.174	-2.4	93	0.01
76	T	trans-1,4-Dichloro-2-butene	0.124	0.122	1.6	96	0.01
77	T	n-Propylbenzene	4.930	5.871	-19.1	94	0.01
78	T	Bromobenzene	0.930	1.057	-13.7	95	0.03
79	T	1,3,5-Trimethylbenzene	3.031	3.563	-17.6	91	0.01
80	T	2-Chlorotoluene	3.162	3.586	-13.4	90	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I30\RIW615.D
Acq On : 30 Sep 2010 2:25 pm
Sample : CVO06I0225
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA-2BA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	3.100	-16.8	99	0.01
82	T	tert-Butylbenzene	0.755	0.926	-22.6#	95	0.03
83	T	1,2,4-Trimethylbenzene	2.963	3.442	-16.2	91	0.01
84	T	sec-Butylbenzene	4.127	5.033	-22.0#	93	0.01
85	T	p-Isopropyltoluene	3.193	3.782	-18.4	90	0.01
86	T	1,3-Dichlorobenzene	1.784	2.053	-15.1	93	0.01
87	T	1,4-Dichlorobenzene	1.721	1.942	-12.8	91	0.01
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.409	-19.2	87	0.01
90	T	1,2-Dichlorobenzene	1.463	1.657	-13.3	92	0.01
91	T	1,2-Dibromo-3-chloropropane	0.084	0.090	-7.1	103	0.01
92	T	1,2,4-Trichlorobenzene	0.787	0.836	-6.2	80	0.01
93	T	Hexachlorobutadiene	0.505	0.644	-27.5#	96	0.01
94	T	Naphthalene	1.115	1.121	-0.5	90	0.01
95	T	1,2,3-Trichlorobenzene	0.580	0.628	-8.3	84	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/28/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06 -045

BATCH CV06Z02.21

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <1ppm	Matrix S	Notes
01	R105514	RFB06Z26	5mL					7:17am
02	515	CV006Z022	5ml/1ml					
03	516	V006Z26K	5ml/1.25ml					
04	517	↓ C	↓					
05	518	RASE	25mL					
06	519	V006Z26B						
07	522	102308-07		1.0	✓	✓		
08	521	102346-02			✓	✓		
09	522	102308-01			✓	✓		
10	523	-05			✓	✓		
11	524	-02			✓	✓		
12	525	-03			✓	✓		10X pce
13	526	-04			✓	✓		
14	527	↓ -06			✓	✓		
15	528	102305-03			✓	✓		
16	529	102266-01			✓	✓		
17	530	-02			✓	✓		
18	531	-03			✓	✓		
19	532	↓ -04			✓	✓		
20	533	102305-01			✓	✓		
21	534	-02			✓	✓		
22	535	-02M			✓	✓		tea rec. low.
23	536	↓ -02S	↓	↓	✓	✓		6:56 pm
24	537-539	RASE						
25						9/29/10		

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006Z02

STANDARDS		
NAME	ID	CONC. (ug/L)
DCC	CV1-16-34-2	
DCC	-34-3	
DCC	-20-2	
BFB	-26-2	50/250
IS/SURR.	-33-1	1000/1250
LCS	↓ -25-3	
LCS	CV1-15-100-1	
LCS	CV1-16-35-3 CV1-13-280	

SOLVENT	ID
METHANOL	
DATA FILE	102528

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/29/10

Disposed By: [illegible]

[redacted] OR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 3 ☐ [redacted] ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/30/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -045

BATCH CV006702.25

	Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	R1361	4	RFB06200	5ml					12:55pm
02		615	CV006702225	5ml					
03		616	V006230L	5ml					
04		617	↓ C	↓					
05		618	R1365	25ml					
06		619	V006230Q						
07		620	↓ Q						
08		621	105396-09		1.0	<2	<5		TB-02-04-40 RR forward
09		622	↓ -19			<2	<5		TB-02-04-40 ↓
10		623	105612-08			<2	<5		TB-02-05-46
11		624	-09			<2	<5		TB-02-05-46
12		625	-17			<2	<5		TB-02-05-46
13		626	-03R			<2	<5		
14		627	-05R			<2	<5		
15		628	↓ -02R	↓	↓	<2	<5		
16		629	R1365						
17		630	102612-02T	0.50ml	50	<2	<5		
18		631	102365-02T	↓	↓	<2	<5		
19		632	-02R	25ml	1.0	<2	<5		
20		633	-02O			<2	<5		
21		634	↓ -02V	↓	↓	<2	<5		12:29pm
22		635-636	R1365						
23									
24									
25									10/1/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	7/2/10
ICAL ID	V006202

STANDARDS

NAME	ID	CONC. (ug/L)
DCC	GV1-16-94-2	
DCC	-21-2 -24-2	
DCC	-20-2 -19-1	
BFB	-26-2	25/250
IS/SURR	-39-2	1000/1250
LCS	↓ -25-2	
LCS	GV1-15-100-1	
LCS	GV1-16-96-1 GV1-12-250	

SOLVENT	ID
METHANOL	
DATA FILE	10230

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: [illegible]

Date Disposed: 10/1/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/2/12 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl_2	Matrix S	Notes
01		RFC005	RFB6IC4	2ml	N/A	N/A	N/A		5:36pm
02		059	VC06I021	[illegible]					[illegible] ACT-A-ACN-TBA-2M 6.3 / 15 PMB
03		060	2	[illegible]					2.5 / 2.5
04		061	3	[illegible]					1.0 / 5.0
05		062	4	[illegible]					2.0 / 10
06		063	5	[illegible]					5.0 / 25
07		064	6	[illegible]					10 / 50
08		065	7	[illegible]					20 / 100
09		066	8	[illegible]					30 / 150
10		067	9	[illegible]					40 / 200
11		068	10	[illegible]					50 / 250
12		069	11	[illegible]					100 / 500
13		070	N/SS						
14		071	VC06IC4B						
15		072	VC06I022	[illegible]	N/A	N/A	N/A		[illegible] ACT-TBA-2M-ACN 10 / 50 / 60 PMB
16		073	RINSE						1:37pm
17		074	TEST						
18		075							
19									
20									
21									
22									
23									
24									
25									9/3/12

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/12
ICAL ID	VC06IC2

STANDARDS

NAME	ID	CONC. (ug/L)
DCC RPT. A-ACN	511-16-34-2	[illegible]
DCC 524.2 MIX CO	-21-3 / -21-1	[illegible]
DCC GASES 2-BA	-21-1 / -31-3	[illegible]
BFB	-26-2	[illegible]
IS/SURR. IS SS	-30-3 / -31-2	[illegible]
LCS RPT. A-ACN	-25-3	[illegible]
LCS 524.2 MIX (CO)	-23-2	[illegible]
LCS GASES 2-BA	-35-3 / 511-12-3506	[illegible]
SOLVENT	ID	
METHANOL		
DATA FILE	1C2C2	

Electronic Data Archival

Location	Date
HPCHEM_VOA/T005	9/6/12

Comments:

Analyzed By: [illegible]

Date Disposed: 9/3/12

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W CL	Matrix S	Notes
01	Rd194	BrPC6211	5mL					9:34am
02	200	IV006702 03**	5ml/1.25gal					
03	201	CV006202 07	5ml/25gal					
04	202	V006211L	5ml/25gal					
05	203	↓ C	↓					
06	204	R/DB	25mL					
07	205	V006211B	↓					
08	206	↓ Q	↓					
09	207	102066-01I	0.1mL	250	<2	<5		
10	208	-02I	↓	↓	<2	<5		
11	209	-03T	0.25mL	100	<2	<5		
12	210	-04T	0.5mL	50	<2	<5		
13	211	-05T	0.25mL	100	<2	<5		
14	212	-06R	25mL	1.0	<2	<5		
15	213	R/DB						
16	214	102093-06	25mL	1.0	<2	<5		
17	215	-07T	0.5mL	50	<2	<5		
18	216	-01	25mL	1.0	<2	<5		
19	217	-02	↓	↓	<2	<5		
20	218	-03	↓	↓	<2	<5		
21	219	-04	↓	↓	<2	<5		
22	220	↓ -05	↓	↓	<2	<5		
23	221	R/DB						9:26pm
24	222	102093-07	25mL	1.0	<2	<5		9:57pm
25	↓ 223-226	R/DB						9/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V06-202

STANDARDS

NAME	ID	Conc mg/L
DCC A-ACN (KET-)	CV1-16-31-2	250
DCC 2-EtOH/ACN, CS2	-21-3 -27-1	50/250 250
DCC GASES 2-BA	-21-1 -31-3	250 250
BFB	-26-2	50
IS/SURR	-33-1	250
LCS A-ACN (KET-)	-35-1 ICV only -25-3 ACS only	250 250
LCS 2-EtOH/ACN	CV1-15-100-1	50/250
LCS GASES 2-BA	CV1-16-36-3 CV1-12-34-0	250 100
SOLVENT	ID	
METHANOL		
DATAFILE	10709	

Electronic Data Archival

Location	Date
HI/CHEM_VOA/TOIS	9/13/10

Comments: **Not valid for projects requiring verification of 2,2-Dichloropropane at 1-20%

Analyzed By: [illegible]

Date Disposed: 9/10/10

Disposed By: [illegible]

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I305

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD RSK-175
DISSOLVED GASES

A total of two (2) water samples were received on 09/21/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGI023L/C were all within QC limits.

Matrix QC Sample
A set of MS/MSD was analyzed with the samples in this SDG.
Percent recoveries were within project QC limits except for results qualified with [*] in I305-02 M/S summary form, most likely due to matrix interference. Check QC summary form for details.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC. SDG NO. : 1D13C5
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGI023B	1	NA	09/30/1010:58	09/30/1009:30	F130003A	F130002A	DGI023W	Method Blank
LCS1W	DGI023L	1	NA	09/30/1011:09	09/30/1009:30	F130004A	F130002A	DGI023W	Lab Control Sample (LCS)
LCD1W	DGI023C	1	NA	09/30/1011:22	09/30/1009:30	F130005A	F130002A	DGI023W	LCS Duplicate
IW-70-SS3109-A10	I305-0'	1	NA	09/30/1015:30	09/30/1009:30	F130024A	F130013A	DGI023W	Field Sample
IW-70-SS3109-A10DL	I305-0'T	500	NA	09/30/1016:18	09/30/1009:30	F130028A	F130013A	DGI023W	Diluted Sample
MW-70-PMW14A-A10	I305-02	1	NA	09/30/1015:43	09/30/1009:30	F130025A	F130013A	DGI023W	Field Sample
MW-70-PMW14A-A10DL	I305-02T	250	NA	09/30/1016:30	09/30/1009:30	F130029A	F130013A	DGI023W	Diluted Sample
MW-70-PMW14A-A10MS	I305-02M	1	NA	09/30/1015:55	09/30/1009:30	F130026A	F130013A	DGI023W	Matrix Spike Sample (MS)
MW-70-PMW14A-A10MSD	I305-02S	1	NA	09/30/1016:07	09/30/1009:30	F130027A	F130013A	DGI023W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT FEC, INC.	Date Collected: 09/20/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/21/10
Batch No. : 101305	Date Extracted: 09/30/10 09:30
Sample ID: IW-70-SSB109-A10	Date Analyzed: 09/30/10 15:30
Lab Samp ID: 1305-01	Dilution Factor: 1
Lab File ID: F130D24A	Matrix : WATER
Ext Btch ID: DG1023W	% Moisture : NA
Calib. Ref.: F150013A	Instrument ID : GC1D10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.76J	2.0	0.60
ETHENE	1.4J	2.0	0.60
METHANE	470E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305
Sample ID: IW-70-SS8109-A100L
Lab Samp ID: I305-01I
Lab File ID: FI30028A
Ext Btch ID: DGI025W
Calib. Ref.: FI30015A

Date Collected: 09/20/10
Date Received: 09/21/10
Date Extracted: 09/30/10 09:30
Date Analyzed: 09/30/10 16:18
Dilution Factor: 500
Matrix : WATER
% Moisture : NA
Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	16000	1000	300

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT ENG, INC.	Date Collected: 09/20/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/21/10
Batch No. : 101305	Date Extracted: 09/30/10 09:30
Sample ID: MW-70-PMW14A-A10	Date Analyzed: 09/30/10 15:43
Lab Samp ID: I305-02	Dilution Factor: 1
Lab File ID: FI30025A	Matrix : WATER
Ext Btch ID: DGI023W	% Moisture : NA
Calib. Ref.: FI30013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	8.4	2.0	0.60
METHANE	270E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/20/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/21/10
Batch No. : 101305	Date Extracted: 09/30/10 09:30
Sample ID: MW-70-PMW14A-A100L	Date Analyzed: 09/30/10 16:30
Lab Samp ID: 1305-02I	Dilution Factor: 250
Lab File ID: FI30029A	Matrix : WATER
Ext Btch ID: DGI023W	% Moisture : NA
Calib. Ref.: FI30013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	500	150
ETHENE	ND	500	150
METHANE	3300	500	150

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101305	Date Extracted:	09/30/10 09:30
Sample ID:	MBLK1W	Date Analyzed:	09/30/10 10:58
Lab Samp ID:	DGI023B	Dilution Factor:	1
Lab File ID:	F130003A	Matrix	: WATER
Ext Btch ID:	DGI023W	% Moisture	: NA
Calib. Ref.:	F130002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT FFC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DG1023B	DG1023L	DG1023C		
LAB FILE ID:	F130003A	F130004A	F130005A		
DATE EXTRACTED:	09/30/1009:30	09/30/1009:30	09/30/1009:30	DATE COLLECTED:	NA
DATE ANALYZED:	09/30/1010:58	09/30/1011:09	09/30/1011:22	DATE RECEIVED:	09/30/10
PREP. BATCH:	DG1023W	DG1023W	DG1023W		
CALIB. REF:	F130002A	F130002A	F130002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	28.7	113	25.4	25.5	100	12	70-140	30
Ethene	ND	23.7	26.6	112	23.7	23.5	99	12	70-140	30
Methane	ND	13.6	14.3	105	13.6	12.6	93	12	70-130	30

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD RSK-175

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MW-70-PMW14A-A10				
LAB SAMP ID:	1305-02	1305-02M	1305-02S		
LAB FILE ID:	F130025A	F130026A	F130027A		
DATE EXTRACTED:	09/30/1009:30	09/30/1009:30	09/30/1009:30	DATE COLLECTED:	09/20/10
DATE ANALYZED:	09/30/1015:43	09/30/1015:55	09/30/1016:07	DATE RECEIVED:	09/21/10
PREP. BATCH:	DG1023W	DG1023W	DG1023W		
CALIB. REF:	F130013A	F130013A	F130013A		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	26.3	103	25.4	26.1	103	1	60-140	30
Ethene	8.40	23.7	32.1	100	23.7	32.2	101	0	20-160	30
Methane	273E	13.6	270E	-23*	13.6	271E	-15*	0	10-160	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : CMAX Inc
Instrument ID : GCI010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	34588	25487	26923	23299	26364	25746	26984.4	14.5
Ethylene	0.59	18195	14654	16354	14507	16520	15806	16006.0	8.5
Ethane	0.64	25427	21095	23864	20941	24224	23278	23138.2	7.7
Propane	0.93	25561	20961	25981	22347	25211	24182	24040.3	8.3

DG10127.MET

RS
9/29/10

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX INC
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column Size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12

COMPOUND	RT OF STANDARDS (MIN) 2.0X	10.0X	25.0X	40.0X	75.0X	100.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
Methane	1.108	1.108	1.108	1.100	1.100	1.100	1.104	1.075	1.133	0.029
Ethylene	2.692	2.692	2.692	2.675	2.675	2.683	2.685	2.634	2.756	0.051
Ethane	3.125	3.125	3.125	3.108	3.108	3.117	3.118	3.068	3.168	0.050
Propane	6.053	6.042	6.050	6.017	6.017	6.017	6.029	5.942	6.116	0.087

DG10127.MET

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: F127008A 09/27/2010 13:43
Conc Cont LFID & Datetime: F127011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.930	6.104	37.5	24040.3	864724	35.97	-4		15

DG10127.MET

9/30/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI30002A 09/30/2010 10:47
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	409648	15.18	12		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	430350	26.89	13		15
Ethane	3.125	3.075	3.175	25.4	23138.2	668805	28.91	14		15
Propane	6.025	5.938	6.112	37.3	24040.3	1000498	41.62	12		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI30013A 09/30/2010 13:14
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.157	13.6	26984.4	390062	14.45	7		15
Ethylene	2.700	2.649	2.751	23.7	16006.0	417041	26.06	10		15
Ethane	3.133	3.083	3.183	25.4	23138.2	650635	28.12	11		15
Propane	6.033	5.946	6.120	37.3	24040.3	987540	41.08	10		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCY010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI30030A 09/30/2010 16:41
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	385969	14.30	5		15
Ethylene	2.667	2.616	2.718	23.7	16006.0	413171	25.81	9		15
Ethane	3.108	3.058	3.158	25.4	23138.2	645243	27.89	10		15
Propane	5.992	5.905	6.079	37.3	24040.3	1006692	41.88	12		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

	std added		He added
1)	0.08 mL	+	3.92 mL
2)	0.4 mL	+	3.6 mL
3)	1.0 mL	+	3.0 mL
4)	1.6 mL	+	2.4 mL
5)	3.6 mL	+	1.0 mL
6)	4.0 mL	+	0.0 mL

Book #: A10-021

Instrument No.: 10

Analytical Sequence: F127

Method File: DG101127

Analytical Batch: DG101127001

SOP #	Rev. #
☑ EMAX-RSK175	1
☑ EMAX-RSK175M (SOP 127/10)	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL SCOTTY SSSA-05-01-1	500 ppm
DGAS ICAL (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 9/27/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Mult.	Description
1	IB10I359	dg10F08.met	FI27.001	1	
2	CDG10F08359	dg10F08.met	FI27.002	1	1
3	CDG10F08359	dg10F08.met	FI27.003	1	(2)DOES NOT PASS , NEED ICAL
4	CDG10F08359	dg10F08.met	FI27.004	1	3
5	DG10I27001	hods\dg10i27.met	FI27.005	1	DGAS ICAL
6	DG10I27002	hods\dg10i27.met	FI27.006	1	DGAS ICAL
7	DG10I27003	hods\dg10i27.met	FI27.007	1	DGAS ICAL
8	DG10I27004	hods\dg10i27.met	FI27.008	1	DGAS ICAL
9	DG10I27005	hods\dg10i27.met	FI27.009	1	DGAS ICAL
10	DG10I27006	hods\dg10i27.met	FI27.010	1	DGAS ICAL
11	IDG10I27001	hods\dg10i27.met	FI27.011	1	DGAS ICV 2nd SOURCE
12	OGI019B	hods\dg10i27.met	FI27.012	1	
13	OGI019L	hods\dg10i27.met	FI27.013	1	
14	OGI019C	hods\dg10i27.met	FI27.014	1	
15	OGI020L	hods\dg10i27.met	FI27.015	1	
16	OGI020C	hods\dg10i27.met	FI27.016	1	
17	10I246-01	hods\dg10i27.met	FI27.017	1	
18	10I246-02	hods\dg10i27.met	FI27.018	1	
19	10I246-01T DF=10	hods\dg10i27.met	FI27.019	10	
20	10I246-02M	hods\dg10i27.met	FI27.020	1	
21	10I246-02S	hods\dg10i27.met	FI27.021	1	
22	10I246-03	hods\dg10i27.met	FI27.022	1	
23	10I246-04	hods\dg10i27.met	FI27.023	1	
24	10I246-05	hods\dg10i27.met	FI27.024	1	
25	10I246-06	hods\dg10i27.met	FI27.025	1	
26	TEST	hods\dg10i27.met	FI27.026	1	TEST FROM EARLIER PREP STD
27	TEST	hods\dg10i27.met	FI27.027	1	TEST FROM EARLIER PREP STD
28	TEST	hods\dg10i27.met	FI27.028	1	TEST FROM EARLIER PREP STD
29	CHANGE SEPTA	hods\dg10i27.met	FI27.029	1	
30	CDG10I27002	hods\dg10i27.met	FI27.030	1	Not automated
31	CDG10I27002 ✓	hods\dg10i27.met	FI27.031	1	NEW DCC
32	10I246-02N	hods\dg10i27.met	FI27.032	1	CONF ONLY
33	10I246-01I DF=200	hods\dg10i27.met	FI27.033	200	
34	10I246-01J DF=500	hods\dg10i27.met	FI27.034	500	Not automated over range
35	10I246-01J DF=1000	hods\dg10i27.met	FI27.035	1000	✓

FINAL

Start | EZChrom Chromatography | Method: Dg10i27.met - Ba... | untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010 6:25 AM

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: Ni27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Mult.	Description
36	101246-05T DF=1000	hods\dg10i27.met	FI27.036	1000	✓
37	101246-06T DF=1000	hods\dg10i27.met	FI27.037	1000	
38	CDG10127003	hods\dg10i27.met	FI27.038	1	
39	BB	hods\dg10i27.met	FI27.039	1	
40	BB	hods\dg10i27.met	FI27.040	1	
41	BB	hods\dg10i27.met	FI27.041	1	
42	BB	hods\dg10i27.met	FI27.042	1	
43	BB	hods\dg10i27.met	FI27.043	1	
44	BB	hods\dg10i27.met	FI27.044	1	
45	BB	hods\dg10i27.met	FI27.045	1	
46	BB	hods\dg10i27.met	FI27.046	1	
47	BB	hods\dg10i27.met	FI27.047	1	
48	BB	hods\dg10i27.met	FI27.048	1	
49	BB	hods\dg10i27.met	FI27.049	1	
50	BB	hods\dg10i27.met	FI27.050	1	
51	BB	hods\dg10i27.met	FI27.051	1	
52	BB	hods\dg10i27.met	FI27.052	1	
53	BB	hods\dg10i27.met	FI27.053	1	
54	BB	hods\dg10i27.met	FI27.054	1	
55	BB	hods\dg10i27.met	FI27.055	1	
56	BB	hods\dg10i27.met	FI27.056	1	
57	BB	hods\dg10i27.met	FI27.057	1	
58	BB	hods\dg10i27.met	FI27.058	1	
59	BB	hods\dg10i27.met	FI27.059	1	
60	BB	hods\dg10i27.met	FI27.060	1	
61	BB	hods\dg10i27.met	FI27.061	1	
62	BB	dg10F08.met	FI27.062	1	
63	BB	dg10F08.met	FI27.063	1	
64	BB	dg10F08.met	FI27.064	1	
65	BB	dg10F08.met	FI27.065	1	
66	BB	dg10F08.met	FI27.066	1	
67	BB	dg10F08.met	FI27.067	1	
68	BB	dg10F08.met	FI27.068	1	
69	BB	dg10F08.met	FI27.069	1	
70	BB	dg10F08.met	FI27.070	1	

Start | EZChrom Chromatography | Method Dg1027.met - Ba... | Untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F130
Method File:	DG10127
Analytical Batch:	CDG10127014

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS DCC 5538-06-43-3	200
Temperature (°C) 22.	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC 9 DGAS	

Analyzed By: SD

Date: 9/30/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fi30.seq Data: Fi30.036 - [Batch: fi30.seq]

Run	Sample ID	Method	Filename	Mult.	Description
1	IB10I014	dg10i27.met	FI30.001	1	
2	CDG10I27014	dg10i27.met	FI30.002	1	
3	DGI023B	dg10i27.met	FI30.003	1	
4	DGI023L	dg10i27.met	FI30.004	1	
5	DGI023C	dg10i27.met	FI30.005	1	
6	10I269-03	dg10i27.met	FI30.006	1	
7	10I269-03M	dg10i27.met	FI30.007	1	
8	10I269-03S	dg10i27.met	FI30.008	1	
9	10I269-03M	dg10i27.met	FI30.009	1	
10	10I269-04	dg10i27.met	FI30.010	1	
11	10I269-05	dg10i27.met	FI30.011	1	
12	CHK-TEST	dg10i27.met	FI30.012	1	
13	CDG10I27015	dg10i27.met	FI30.013	1	
14	10I284-03	dg10i27.met	FI30.014	1	
15	10I284-04	dg10i27.met	FI30.015	1	
16	10I284-04T DF=10	dg10i27.met	FI30.016	10	
17	10I284-05	dg10i27.met	FI30.017	1	
18	10I284-07	dg10i27.met	FI30.018	1	
19	10I284-07T DF=20	dg10i27.met	FI30.019	20	
20	10I284-07I DF=100	dg10i27.met	FI30.020	100	
21	10I269-03G	dg10i27.met	FI30.021	1	
22	10I269-03H	dg10i27.met	FI30.022	1	
23	10I269-03W	dg10i27.met	FI30.023	1	
24	10I305-01	dg10i27.met	FI30.024	1	
25	10I305-02	dg10i27.met	FI30.025	1	
26	10I305-02M	dg10i27.met	FI30.026	1	
27	10I305-02S	dg10i27.met	FI30.027	1	
28	10I305-01T DF=500	dg10i27.met	FI30.028	500	
29	10I305-02T DF=250	dg10i27.met	FI30.029	250	
30	CDG10I27016	dg10i27.met	FI30.030	1	
31	10I285-06	dg10i27.met	FI30.031	1	
32	10I285-07	dg10i27.met	FI30.032	1	
33	10I285-08	dg10i27.met	FI30.033	1	
34	10I285-09	dg10i27.met	FI30.034	1	
35	CDG10I27017	dg10i27.met	FI30.035	1	

Start | EZChrom Chromatogra... | Method: Dg10i27.... | Thursday, September 30, 2011

EXTRACTION LOGS

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/27/10 Time: 9:30 End Date: 9/27/10 Time: 12:30

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (ml)	pH	Notes
01	DG10327-001	39	4	N/A	
02	DG10327-002				
03	DG10327-003				DGAS ICAL
04	DG10327-004				
05	DG10327-005				
06	DG10327-006				
07	DDG10327001				DGAS ICV
08					
09					
10					
11					
12					
13					
14					
15					
16					
17			50 ul 9/10		
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS 50%	SS9A-09-01-5	100

Reagent	Lot# / ID
H_2O	Organic free
He	Ultra
ICAL DGAS STD	SS9A-09-01-1 (Security)
ICAL DGAS STD	SS9A-09-01-5 (Mallinckrodt)

SDG #	Extract Location

Comments:

1) 0.05 mL ICAL standard + 3.95 mL He
2) 0.4 mL + 3.6 mL
3) 1.0 mL + 3.0 mL
4) 1.6 mL + 2.4 mL
5) 3.0 mL + 1.0 mL
6) 4.0 mL + 0.0 mL

Prepared By: SD

Standard Added By: SD

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): Book # EDG-022

Start Date: 9/27/10 Time: 12:30 End Date: 9/27/10 Time: 15:30

Sample Prep ID	Lab Sample ID	Sample Amount (g)	Extract Volume (ml)	pH	Notes
01	DG1 019 WB	30	4	NA	
02	WL				
03	WC				
04	DG1020 WB				
05	WL				
06	WC				
07	102246-01			02	
08	-02				
09	-03				
10	-04				
11	-05				
12	-06				
13	-07				
14	-08				
15	-09				
16	-10				
17	-02M				
18	-02S				
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSSA-05-07-5	100

Reagent	Lot#/ID
H_2O	Organic free
He	Air liquide/ Alphagaz.

SDG #	Extract Location

Comments:

Prepared By: SD

Standard Added By: SD

PREPARATION BATCH - 10/09/2010

EDG-022

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/30/10 Time: 9:30 End Date: 9/30/10 Time: 10:30

PREPARATION BATCH # XE3025

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG3023 B	37	4	NA	
02	L			NA	
03	C			NA	
04	10I269 -03			<2	
05	-03M			<2	
06	-03S			<2	
07	-04			<2	
08	-05			<2	
09	10I284 -03			<2	
10	-04			<2	
11	-05			<2	
12	-07			<2	
13	10I365 -01			<2	
14	-02			<2	
15	-02M			<2	
16	-02S			<2	
17	10I285 -06			<2	
18	-07			<2	
19	-08			<2	
20	-09			<2	
21					
22			SP 9/30/10		
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	555A-05-01-5	1600
DCC	555A-05-01-1	1600

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquid / Alphagas

SDG #	Extract Location

Comments:

Prepared By: SD

Standard Added By: SD

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I305

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

One (1) water sample was received on 09/21/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
The sample was analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPI097WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I305-02M/S were within project QC limits.
In addition, analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
The sample was analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client : INSIGHT ECO, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO : 101096
Instrument ID : T-108

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis Date/Time	Extraction Date/Time	Sample Data FN	Calibration Data FN	Prep Batch	Notes
MBLK1W	IP1097WB	1	NA	10/01/1001:28	09/29/1010:30	ID81031090	ID81031088	IP1097W	Method Blank
LCS1W	IP1097WL	1	NA	10/01/1001:33	09/29/1010:30	ID81031091	ID81031088	IP1097W	Lab Control Sample (LCS)
LCD1W	IP1097WL	1	NA	10/01/1001:38	09/29/1010:30	ID81031092	ID81031088	IP1097W	LCS Duplicate
129694-0276AS	1245-05A	1	NA	10/01/1001:43	09/29/1010:30	ID81031093	ID81031088	IP1097W	Analytical Spike Sample
129694-0276	1245-05	1	NA	10/01/1001:52	09/29/1010:30	ID81031094	ID81031088	IP1097W	Field Sample
129694-0276DL	1245-05J	5	NA	10/01/1001:57	09/29/1010:30	ID81031095	ID81031088	IP1097W	Diluted Sample
MW-70-MW14A-A10	1305-02	1	NA	10/01/1004:34	09/29/1010:30	ID81031122	ID81031120	IP1097W	Field Sample
MW-70-MW14A-A10MS	1305-02M	1	NA	10/01/1004:40	09/29/1010:30	ID81031123	ID81031120	IP1097W	Matrix Spike Sample (MS)
MW-70-MW14A-A10MSD	1305-02S	1	NA	10/01/1004:45	09/29/1010:30	ID81031124	ID81031120	IP1097W	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT LLC. INC.	Date Collected	09/20/10 11:40
Project	: NWS SEAL BEACH IR SITE 70.	Date Received:	09/21/10
SDG NO	: 10I305	Date Extracted:	09/29/10 10 30
Sample ID	: MW 70 PMW14A A10	Date Analyzed:	10/01/10 04 34
Lab Samp ID	I305 02	Dilution Factor	1
Lab File ID	I08IC31122	Matrix	WATER
Ext Btch ID	IP109/W	% Moisture	NA
Calib. Ref..	I08I031120	Instrument ID	. IMAXI08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	0.00516J	0.200	0.00500
Iron	3.94	0.200	0.0400
Manganese	0.609	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	INSIGHT ITC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received	09/29/10
SDG NO	: 101306	Date Extracted:	09/29/10 10:30
Sample ID:	MBLKIW	Date Analyzed.	10/01/10 01 28
Lab Samp ID.	IP109WB	Dilution Factor:	1
Lab File ID.	ID81031090	Matrix :	WATER
Ext Batch ID.	IP109W	% Moisture :	NA
Calib Ref.	IDB1031088	Instrument ID	(MAXT)08

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0 200	0 00500
Iron	ND	0 200	0.0400
Manganese	ND	0 200	0 00300

7004

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT LEG. INC.
PROJECT: NWS SLAL BEACH. IR SITE 70.
SDG NO.: 101305
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MBLKIW
CONTROL NO: IP109/WB | IP109/WC | IP109/WC
LAB FILE ID: ID81031090 | ID81031091 | ID81031092
DATIME EXTRCTD: 09/29/1010:30 | 09/29/1010:30 | 09/29/1010:30 | DATE COLLECTED: NA
DATIME ANALYZD: 10/01/1001:28 | 10/01/1001:33 | 10/01/1001:38 | DATE RECEIVED: 09/29/10
PREP. BATCH: IP109/W | IP109/W | IP109/W
CALIB. REF: ID81031088 | ID81031088 | ID81031088

ACCESSION

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	5	.57	114	5	.557	111	3	80-120	20
Iron	ND	5	5.42	108	5	5.3	106	2	80-120	20
Manganese	ND	.5	.517	107	5	.504	101	2	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT ELC. INC
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101305
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR	1	1	1
SAMPLE ID.	MW-70 PMW14A A10		
CONTROL NO.	1305 07	1305 02M	1305-02S
LAB FILE ID.	ID81031122	ID81031123	ID81031124
DATTIME EXTRCTD:	09/29/1010.30	09/29/1010:30	09/29/1010.30
DATTIME ANALYZD:	10/01/1004:34	10/01/1004:40	10/01/1004.46
PREP BATCH	IPI09/W	IPI09/W	IPI09/W
CALIB REF.	ID81031120	ID81031120	ID81031120

DATE COLLECTED: 09/20/10 11 40
DATE RECEIVED: 09/21/10

ACCESSION:

PARAMETER	SMPL RSLT mg/l	SPIKE AMT mg/l	MS RSLT mg/l	MS % REC	SPIKE AMT mg/l	MSD RSLT mg/l	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	.00616J	.5	.63	120	.5	.633	120	4	75-125	20
Iron	3.94	.5	9.25	106	.5	9.38	97	5	75-125	20
Manganese	.609	.5	1.11	101	.5	1.08	94	3	75-125	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70
BATCH NO.: 101305
METHOD: METHOD 3010A/6010B

MATRIX: WATER | % MOISTURE: NA

DILUTION FACTOR:	1	5
SAMPLE ID	129894 0276	129894 0276DI
EMAX SAMP ID.	1245 05	1245 05J
LAB FILE ID:	D081031094	D081031095
DATE EXTRACTED	09/29/1010:30	09/29/1010:30
DATE ANALYZED:	10/01/1001:52	10/01/1001:57
PREP. BATCH	IP109/W	IP109/W
CALIB. REF.	D081031088	D081031088

DATE COLLECTED: 09/15/10 09:35
DATE RECEIVED: 09/16/10

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	ND	ND	0	10
Manganese	0.0761J	0.0767J	NA	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT ELC. INC
PROJECT: NWS SEAL BEACH, IR SITE 70
SDG NO.: 101305
METHOD: METHOD 3010A/60108

MATRIX WATER % MOISTURE: NA
DILTN FACTR. 1 1
SAMPLE ID. 129894 0276
CONTROL NO.: 1245-05 1245-05A
LAB FILE ID: ID8I031094 ID8I031093
DATTIME EXTRCTD. 09/29/1010:30 09/29/1010:30 DATE COLLECTED 09/16/10 09:35
DATTIME ANALYZD. 10/01/1001:52 10/01/1001:43 DATE RECEIVED 09/16/10
PREP BATCH IP1097W IP1097W
CALIB REF ID8IC31088 ID8IU31088

ACCESSION.

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT %
Arsenic	ND	.5	.589	118	75-125
Iron	ND	5	5.31	106	75-125
Manganese	.0761	5	5.77	100	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 9/30/10 17:08

End Date: 10/1/10 18:39

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:

Torch cleaned and autoaligned.
IEC updated. see attached.
Update for As, Cd, Pb, Mo, K, Cu
MRL I1301 Zn Recovery 123%
ICSA1, per DOD 4.1, Se 7LOD.
~~IP1090~~ TH 10/1/10
IP1093 WL TA1
I194-01A10 TA1 recovery
CCV5 TA1 1mg
CCV6 1mg
CCV7 TA1 1mg
CCV8 1mg
CCV9 1mg
CCV10 1mg
TH 10/1/10 ~~CCV11 CCV12 - CCV16 TBa~~
TH 9/1/10 ~~IP1094~~ IP1094WB Cr 7MDL
I270-03, 04, 05, 08 Na 7LDR
CCV11 TZn
CCV12 - CCV16 TBa TZn

Book #: AD8-016
Instrument No.: D8
Analytical Batch: 1D8J031
Analytical Sequence: S_1OJ6010(V44)
Method File: 1OJ6010(V44)
Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SM1B14-0501	S30	SM1B1407-03
S1	MA	S31	-02-04
S2		ICV	SM1B12 9402
S3		CCV	SM1B1405-02
S4		ICSA	07-01
S5		ICSAB	03-03
S6		CRI/MRL	MA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B12-8121
S10		MRL2	8401
S11			
S12			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	-01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12-100-02		
S27	100-03		
S28	SM1B14-02-01		
S29	0202		

Analyzed By: TH
Date: 9/30/10

7012

SEQUENCE FILE : ID8I031

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
ID8I031001	Blank	17:08	09/30/10	1.000
ID8I031002	S20	17:13	09/30/10	1.000
ID8I031003	S21	17:18	09/30/10	1.000
ID8I031004	S22	17:23	09/30/10	1.000
ID8I031005	S23	17:28	09/30/10	1.000
ID8I031006	S24	17:34	09/30/10	1.000
ID8I031007	S25	17:39	09/30/10	1.000
ID8I031008	S26	17:44	09/30/10	1.000
ID8I031009	S27	17:49	09/30/10	1.000
ID8I031010	S28	17:54	09/30/10	1.000
ID8I031011	S29	17:59	09/30/10	1.000
ID8I031012	S30	18:04	09/30/10	1.000
ID8I031013	S31	18:09	09/30/10	1.000
ID8I031014	ICV	18:14	09/30/10	1.000
ID8I031015	ICB	18:19	09/30/10	1.000
ID8I031016	MRLI3101	18:25	09/30/10	1.000
ID8I031017	MRLI3102	18:30	09/30/10	1.000
ID8I031018	ZZZZ	18:35	09/30/10	1.000
ID8I031019	ICSA1	18:42	09/30/10	1.000
ID8I031020	ICSAB1	18:47	09/30/10	1.000
ID8I031021	CCV1	18:56	09/30/10	1.000
ID8I031022	CCB1	19:01	09/30/10	1.000
ID8I031023	I176-02I	19:06	09/30/10	5.000
ID8I031024	I176-04I	19:12	09/30/10	5.000
ID8I031025	I176-06I	19:17	09/30/10	5.000
ID8I031026	I176-08W	19:22	09/30/10	1.000
ID8I031027	I176-10I	19:27	09/30/10	5.000
ID8I031028	I176-12I	19:32	09/30/10	5.000
ID8I031029	I176-14W	19:37	09/30/10	1.000
ID8I031030	I176-16I	19:43	09/30/10	5.000
ID8I031031	I176-18I	19:48	09/30/10	5.000
ID8I031032	CCV2	19:57	09/30/10	1.000
ID8I031033	CCB2	20:02	09/30/10	1.000
ID8I031034	IPI093WB	20:07	09/30/10	1.000
ID8I031035	IPI093WL	20:12	09/30/10	1.000
ID8I031036	IPI093WC	20:17	09/30/10	1.000
ID8I031037	I194-01A	20:22	09/30/10	1.000
ID8I031038	I194-01	20:27	09/30/10	1.000
ID8I031039	I194-01J	20:32	09/30/10	5.000
ID8I031040	I194-02	20:37	09/30/10	1.000
ID8I031041	I194-03	20:42	09/30/10	1.000
ID8I031042	I194-04	20:48	09/30/10	1.000
ID8I031043	I177-01T	20:53	09/30/10	5.000
ID8I031044	CCV3	21:02	09/30/10	1.000
ID8I031045	CCB3	21:07	09/30/10	1.000
ID8I031046	I284-03T	21:12	09/30/10	5.000
ID8I031047	I284-04T	21:18	09/30/10	5.000
ID8I031048	I284-05T	21:23	09/30/10	5.000
ID8I031049	I284-07T	21:28	09/30/10	5.000
ID8I031050	I284-03	21:33	09/30/10	1.000
ID8I031051	I284-04	21:39	09/30/10	1.000
ID8I031052	I284-05	21:44	09/30/10	1.000
ID8I031053	I284-07	21:49	09/30/10	1.000
ID8I031054	CCV4	22:01	09/30/10	1.000

ID8I031055	CCB4	22:08	09/30/10	1.000
ID8I031056	IPI094WB	22:13	09/30/10	1.000
ID8I031057	IPI094WL	22:18	09/30/10	1.000
ID8I031058	IPI094WC	22:23	09/30/10	1.000
ID8I031059	I246-02A	22:27	09/30/10	1.000
ID8I031060	I246-02	22:36	09/30/10	1.000
ID8I031061	I246-02J	22:42	09/30/10	5.000
ID8I031062	I246-02M	22:47	09/30/10	1.000
ID8I031063	I246-02S	22:52	09/30/10	1.000
ID8I031064	I246-03	22:57	09/30/10	1.000
ID8I031065	I246-04	23:02	09/30/10	1.000
ID8I031066	CCV5	23:12	09/30/10	1.000
ID8I031067	CCB5	23:19	09/30/10	1.000
ID8I031068	I246-05	23:24	09/30/10	1.000
ID8I031069	I246-06	23:29	09/30/10	1.000
ID8I031070	I246-07	23:35	09/30/10	1.000
ID8I031071	I230-01	23:40	09/30/10	1.000
ID8I031072	I230-02	23:45	09/30/10	1.000
ID8I031073	I230-03	23:50	09/30/10	1.000
ID8I031074	I230-04	23:55	09/30/10	1.000
ID8I031075	I230-05	00:00	10/01/10	1.000
ID8I031076	CCV6	00:09	10/01/10	1.000
ID8I031077	CCB6	00:16	10/01/10	1.000
ID8I031078	I230-01	00:21	10/01/10	1.000
ID8I031079	I230-02	00:26	10/01/10	1.000
ID8I031080	I230-03	00:31	10/01/10	1.000
ID8I031081	I230-04	00:36	10/01/10	1.000
ID8I031082	I230-05	00:41	10/01/10	1.000
ID8I031083	I338-01	00:47	10/01/10	1.000
ID8I031084	I188-02	00:52	10/01/10	1.000
ID8I031085	I509-01A	00:57	10/01/10	10.00
ID8I031086	I509-01I	01:02	10/01/10	10.00
ID8I031087	I509-01J	01:07	10/01/10	50.00
ID8I031088	CCV7	01:16	10/01/10	1.000
ID8I031089	CCB7	01:23	10/01/10	1.000
ID8I031090	IPI097WB	01:28	10/01/10	1.000
ID8I031091	IPI097WL	01:33	10/01/10	1.000
ID8I031092	IPI097WC	01:38	10/01/10	1.000
ID8I031093	I245-05A	01:43	10/01/10	1.000
ID8I031094	I245-05	01:52	10/01/10	1.000
ID8I031095	I245-05J	01:57	10/01/10	5.000
ID8I031096	I245-05M	02:02	10/01/10	1.000
ID8I031097	I245-05S	02:07	10/01/10	1.000
ID8I031098	I245-01	02:12	10/01/10	1.000
ID8I031099	I245-02	02:18	10/01/10	1.000
ID8I031100	CCV8	02:27	10/01/10	1.000
ID8I031101	CCB8	02:34	10/01/10	1.000
ID8I031102	I245-03	02:39	10/01/10	1.000
ID8I031103	I245-04	02:44	10/01/10	1.000
ID8I031104	I270-02	02:49	10/01/10	1.000
ID8I031105	I270-03	02:54	10/01/10	1.000
ID8I031106	I270-04	03:00	10/01/10	1.000
ID8I031107	I270-05	03:05	10/01/10	1.000
ID8I031108	I270-07	03:10	10/01/10	1.000
ID8I031109	I270-08	03:16	10/01/10	1.000
ID8I031110	CCV9	03:25	10/01/10	1.000
ID8I031111	CCB9	03:32	10/01/10	1.000

ID8I031112	I255-01	03:37	10/01/10	1.000
ID8I031113	I255-01M	03:42	10/01/10	1.000
ID8I031114	I255-01S	03:48	10/01/10	1.000
ID8I031115	I255-02	03:53	10/01/10	1.000
ID8I031116	I255-01	03:58	10/01/10	1.000
ID8I031117	I255-01M	04:03	10/01/10	1.000
ID8I031118	I255-01S	04:08	10/01/10	1.000
ID8I031119	I255-02	04:13	10/01/10	1.000
ID8I031120	CCV10	04:22	10/01/10	1.000
ID8I031121	CCB10	04:29	10/01/10	1.000
ID8I031122	I305-02	04:34	10/01/10	1.000
ID8I031123	I305-02M	04:40	10/01/10	1.000
ID8I031124	I305-02S	04:45	10/01/10	1.000
ID8I031125	I304-03T	04:51	10/01/10	5.000
ID8I031126	I304-04T	04:56	10/01/10	5.000
ID8I031127	I304-03	05:01	10/01/10	1.000
ID8I031128	I304-04	05:07	10/01/10	1.000
ID8I031129	ICSA2	05:16	10/01/10	1.000
ID8I031130	ICSAB2	05:21	10/01/10	1.000
ID8I031131	CCV11	05:30	10/01/10	1.000
ID8I031132	CCB11	05:37	10/01/10	1.000
ID8I031133	IPI098WQ	05:42	10/01/10	1.000
ID8I031134	IPI098WX	05:47	10/01/10	1.000
ID8I031135	IPI098WY	05:52	10/01/10	1.000
ID8I031136	I487-13A	05:57	10/01/10	1.000
ID8I031137	I487-13W	06:06	10/01/10	1.000
ID8I031138	I487-13J	06:11	10/01/10	5.000
ID8I031139	I487-07A	06:16	10/01/10	1.000
ID8I031140	I487-07W	06:25	10/01/10	1.000
ID8I031141	I487-07J	06:31	10/01/10	1.000
ID8I031142	CCV12	06:40	10/01/10	1.000
ID8I031143	CCB12	06:47	10/01/10	1.000
ID8I031144	I487-05T	06:52	10/01/10	5.000
ID8I031145	I487-07T	06:57	10/01/10	5.000
ID8I031146	I487-37T	07:02	10/01/10	5.000
ID8I031147	I487-18T	07:07	10/01/10	10.00
ID8I031148	I487-34T	07:12	10/01/10	10.00
ID8I031149	I144-05T	07:17	10/01/10	10.00
ID8I031150	I144-10T	07:22	10/01/10	5.000
ID8I031151	I144-11T	07:27	10/01/10	5.000
ID8I031152	CCV13	07:36	10/01/10	1.000
ID8I031153	CCB13	07:41	10/01/10	1.000
ID8I031154	IPI095WB	07:46	10/01/10	1.000
ID8I031155	IPI095WL	07:51	10/01/10	1.000
ID8I031156	IPI095WC	07:56	10/01/10	1.000
ID8I031157	TXI008SB	08:01	10/01/10	1.000
ID8I031158	I785-01A	08:06	10/01/10	1.000
ID8I031159	I785-01	08:12	10/01/10	1.000
ID8I031160	I785-01J	08:17	10/01/10	5.000
ID8I031161	I785-01M	08:22	10/01/10	1.000
ID8I031162	I785-01S	08:27	10/01/10	1.000
ID8I031163	I518-02	08:32	10/01/10	1.000
ID8I031164	CCV14	08:41	10/01/10	1.000
ID8I031165	CCB14	08:46	10/01/10	1.000
ID8I031166	H209-02	08:51	10/01/10	1.000
ID8I031167	I785-01A	08:56	10/01/10	5.000
ID8I031168	I785-01T	09:01	10/01/10	5.000

ID8I031169	I785-01J	09:07	10/01/10	25.00
ID8I031170	ICSA3	09:16	10/01/10	1.000
ID8I031171	ICSAB3	09:21	10/01/10	1.000
ID8I031172	CCV15	09:30	10/01/10	1.000
ID8I031173	CCB15	09:35	10/01/10	1.000
ID8I031174	IPI092SB	09:40	10/01/10	1.000
IDBI031175	IPI092SL	09:45	10/01/10	1.000
ID8I031176	IPI092SC	09:50	10/01/10	1.000
ID8I031177	I222-05A	09:55	10/01/10	1.000
ID8I031178	I222-05	10:00	10/01/10	1.000
ID8I031179	I222-05J	10:05	10/01/10	5.000
ID8I031180	I222-05M	10:10	10/01/10	1.000
ID8I031181	I222-05S	10:15	10/01/10	1.000
ID8I031182	I384-01	10:20	10/01/10	1.000
ID8I031183	I384-02	10:25	10/01/10	1.000
ID8I031184	CCV16	10:34	10/01/10	1.000
ID8I031185	CCB16	10:39	10/01/10	1.000

VERSION 104 UNIT : 8 SUMMARY of ICV and CCV [illegible] DATE : [illegible] INST : [illegible]

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
104	108	101	101	102	102	99	105	102	100	96	103	96	97	104	94	96	101	102	100	102	99	104	97	96	101	100	99	107
106	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB_13101	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MB_13102	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	97	----	----	----	----	----	----	96	----	----	----	92	----	----	94	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	98	113	106	106	96	96	103	95	94	90	103	92	93	105	94	92	102	95	106	106	107	111	97	88	96	96	97	104
[illegible]	102	101	102	102	102	100	105	103	101	94	103	96	96	104	94	97	101	102	101	103	99	104	98	96	101	99	99	107
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

2281	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1094B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1094A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1094C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-124	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-021	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-02M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-025	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2295	111*	102	104	105	99	101	104	100	102	95	105	95	95	109	89*	95	102	102	105	105	103	108	101	98	100	95	100	105
2285	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I246-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2296	112	101	102	106	102	102	105	99	99	96	104	94	97	109	88*	93	103	103	104	103	103	107	102	98	101	93	95	105
2286	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I230-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I185-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I185-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I309-014	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I309-011	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I309-010	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2297	111*	102	102	105	99	102	104	103	100	95	105	95	97	109	89*	93	102	102	105	104	109	105	102	99	105	98	99	105
2287	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1097B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1097A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
IP1097C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-05A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-051	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2292	109	102	104	106	99	102	105	99	101	95	115	96	97	109	88*	93	103	103	105	105	102	109	102	98	102	98	100	105
2288	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I245-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
I270-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2299	107	101	104	107	99	101	105	101	101	95	103	96	97	110	89*	93	103	103	107	105	101	110	100	98	100	95	99	107
2289	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

1265-01	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1265-01S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1265-03	....	....	....	....	....	....	....	....	....	....	.. .	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1265-03*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.	....	....	....	....	....	....	....	....	....	....	....	....
1265-03S	....	....	....	....	. .	. .	..	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1265-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03*10	104	108	103	106	98	100	105	107	101	94	103	96	98	109	89*	93	101	102	106	104	99	109	99	96	99	97	99	107
03610	....	....	....	....	....	. .	..	. .	. ..	.	.	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1205-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1215-02*	....	....	....	....	....	....	....	....	....	....	....	....	. ..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1215-02S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.. .	....
1214-03*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....
1214-04*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.. .	....	....	....	....	....	....	....	....	....	....	....	....
1214-03	....	....	....	....	....	....	....	....	....	. ..	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1214-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....
1C542	93	....	....	....	....	....	....	92	....	....	....	98	....	....	83	....	....	....	....	....	....	....	....	....	....	....	....	....
1C5AB2	94	108	105	111	92	97	105	92	93	91	102	96	91	114	89	88	103	99	112	106	104	115	99	98	96	95	95	105
1C-11	103	112	106	110	98	102	108	113	105	97	103	99	98	111*	89*	95	105	105	111*	108	102	113*	103	99	101	99	102	111*
1C511	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1C95A2	....	....	....	....	. ..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1P1C95A4	....	....	....	....	. ..	....	....	....	....	....	....	...	. ..	.	.	. .	.	....	....	....	....	....	....	....	....	....	....	....
1P1C95A7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134	....	....	....	.. .	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134D	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134F	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134J	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134K	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134N	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134O	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134P	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134Q	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134R	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134U	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134V	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134W	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134AD	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AE	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AF	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AG	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AH	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AI	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AJ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AK	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AM	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AN	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AO	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AP	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134AR	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AT	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AU	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AV	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AW	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AX	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AY	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134AZ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BA	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BD	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BE	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134BP	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BQ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134BR	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134BX	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134CA	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CD	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CE	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CF	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CG	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CH	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CI	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CJ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CK	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CM	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CN	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CO	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CP	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CQ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CR	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CT	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CU	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CV	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CW	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CX	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CY	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134CZ	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134DA	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134DB	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134DC	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134DD	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134DE	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134DP	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134EH	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1C134EK	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134EL	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C134EM	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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[785-010	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[CSA9	94	....	....	....	....	....	....	94	....	....	....	91	....	....	95	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[CSA38	93	99	107	114	99	103	104	92	93	91	103	90	91	106	87	89	103	96	115	105	105	107	101	97	94	94	95	105
CCW15	103	102	109	112*	99	103	107	103	106	95	103	99	95	110*	89*	94	105	104	112*	109	104	114*	104	100	100	98	102	110
CCB15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[P109213	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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[222-051	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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[222-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[384-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[384-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CCW16	104	102	105	113*	99	102	107	103	105	96	102	99	98	110*	99	94	105	104	112*	107	103	113*	103	99	101	99	103	110
CCB16	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

CC limit of each parameter are listed in a table attached next to all the CCP check forms
* . Out of CC limit

VERSION : 10A UNIT : UG/L SUMMARY of CALIBRATION BLANKS [DBID2] (WATER) DATE : 15/05/12 INST : SMAX

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
520	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
521	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
522	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
523	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
524	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
525	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
526	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
527	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
528	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
529	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
530	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
531	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
532	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB	4.52	12.9	-.131	-.148	-.030	1.66	.301	42.7	113	.656	201	2.62	.135	.330	-.051	.273	1.34	.121	23.4	.119	-.122	21.8	-.323	.533	.190	.731	.646	1.54
MBL[3131]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MBL[3132]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSA1	----	2.41	1.69	.323	-.139	-4.67	.540	----	-.642	-1.27	1.95	----	-.273	-7.67	----	1.13	-1.50	-.242	.931	-5.29	.050	67.8	.549	-1.63	1.34	1.38	-.463	1.35
ICSAB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
[illegible]	.520	6.07	-.255	-.353	-.043	1.36	-.170	64.1	103	.523	290	1.71	.211	-.253	2.21	.361	1.26	.039	27.7	-.443	.056	24.2	.141	.909	.203	.752	-.041	2.75
[illegible]	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

0284	-1.28	3.45	.170	-.120	-.053	.960	.110	37.5	3.89	.070	.430	.920	.093	.160	-4.22	.963	.530	.313	.141	.130	-.080	.253	-.043	.420	.380	.291	-.050	1.27
IP1094W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1094W1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1094W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-024	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-020	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-02*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0295	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0285	-.660	6.65	-1.57	-.161	-.340	.863	-.060	35.4	.963	.063	.350	1.11	-.221	.230	2.07	.120	.713	-.060	92.1	-.180	.153	.128	-.030	.491	.363	.330	.321	1.41
1266-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1246-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1230-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1230-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1230-13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1230-14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1230-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0295	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0295	-.320	4.50	-1.16	-.210	-.140	.750	-.070	34.6	.370	.360	.481	12.2	.360	.271	6.67	.190	.640	-.370	61.3	-.660	.310	.140	-.010	.420	.470	.210	.130	1.44
1203-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1207-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1207-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1207-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1200-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1198-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1198-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-01C	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1199-01D	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0297	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0287	.771	4.10	.280	-.181	.001	2.88	.170	37.8	.161	.091	.390	.431	.311	.160	5.45	.241	.641	.130	85.8	.811	.092	81.5	.130	.841	.711	.850	.712	1.29
IP1097W3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1097W1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IP1097W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-054	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-061	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-159*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-155	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0245	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0285	-1.95	6.11	-.433	-.213	-.150	1.49	-.013	36.0	.191	.361	.673	3.23	.281	.391	1.46	.110	.591	.981	98.6	.650	-.261	.122	.023	-.140	-.340	.569	.121	1.39
1245-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1245-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1270-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0249	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
0249	-4.06	3.54	-.660	-.191	-.051	1.25	-.150	35.4	.023	-.023	.326	1.02	.233	.170	.120	-.011	.460	-.031	99.4	-.010	.039	.096	.301	.232	.250	.510	.010	1.39

1255-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-01M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-01S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-02V	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-02S	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1255-12

[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	1.63	-3.05	.370	-.093	6.44	1.85	....	-.060	-1.26	7.43	....	-1.69	-7.24	....	5.89	-1.71	-.040	67.3	-2.92	1.038	.273	1.81	-2.04	1.70	3.62	-.793	1.91
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	-6.22	7.85	.130	-.243	-.080	1.50	-.030	6.20	-.063	.050	.110	1.20	.460	.430	5.26	.103	1.76	.370	71.5	-.383	.038	.115	-.391	1.16	-.223	.685	-.113	.283
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[illegible]	.190	9.43	-.333	-.163	-.028	1.41	-.128	7.75	.063	.038	.130	2.71	.450	.370	.680	.203	1.44	.140	31.5	-.123	.003	33.3	-.310	.863	.250	1.65	.149	.230

[illegible] of each parameter are listed in a table attached next to all the [illegible] check forms
* Out of [illegible] limit

VERSION 10A UNIT : UG/L SUMMARY of CALIBRATION BLANKS (SOIL) DATE : 19/30/10 INST : EVAA

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7Q1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10B	4.50	12.0	-.130	-.140	-.031	1.65	.013	42.7	.110	.061	.200	2.62	.100	.033	-.033	.070	1.34	.035	21.4	.102	-.020	21.8	-.020	.000	.193	.120	.040	1.94
MSL1301	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MSL1302	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2122	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1034	----	2.41	1.99	.030	-.130	-4.67	.043	----	-.540	-1.27	1.96	----	-.370	-7.67	----	1.13	-1.50	-.243	.335	-5.20	.150	67.3	.540	-1.50	1.64	1.18	.450	1.95
1034B2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2141	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1031	.533	8.07	-.250	-.150	-.040	1.35	-.371	64.2	.130	.021	.293	1.70	.210	-.250	2.21	.030	1.26	.320	27.7	-.440	.150	24.2	.540	.530	.200	.791	-.040	-2.75
1176-12I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-14I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-05I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-05A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-13I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-12I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-14A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-16I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1176-19I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2032	7.93	6.66	-.410	.120	-.110	1.35	.330	41.2	.190	.170	.470	3.71	.390	.110	7.79	.190	1.44	.110	53.7	.120	.180	69.1	.110	.110	-.130	.120	.150	1.67
1710-93W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1710-93WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1710-92W2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-11A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-01A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1194-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1177-01T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2183	1.10	7.22	.310	-.120	-.060	1.37	-.191	38.7	.350	-.010	.490	2.43	-.170	.051	-2.85	.111	1.30	.010	58.6	-.170	-.150	.123	.010	.150	.170	.503	.010	1.45
1284-02T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-10T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-15T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-17T	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1284-17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

0284	-1.08	3.46	.170	-.120	-.063	.960	-.110	37.6	3.69	.172	.432	.933	-.090	-.160	-4.22	.060	.530	.310	.141	.030	-.361	.259	-.040	.420	.390	.290	-.080	1.21
[P]094A8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[P]094A1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[P]094A2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-02A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-021	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-02M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-025	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[246-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[246-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0295	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0296	-.650	6.65	-1.57	-.160	-.340	.860	-.060	35.4	.561	.053	.390	1.71	-.200	.233	2.31	.120	.113	-.060	73.1	-.180	-.150	.128	-.020	.490	.360	.330	.322	1.41
1246-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1246-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0296	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0296	-.322	4.62	-1.15	-.210	-.040	.780	-.270	34.6	.373	.250	.480	12.2	.360	.270	6.57	.090	.640	-.020	61.3	-.660	-.220	.140	-.310	.420	.070	.210	-.030	1.44
1230-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1230-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1288-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1288-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1526-01A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1526-01B	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1526-01C	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0297	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0297	.772	4.13	.293	-.780	.001	2.65	-.071	37.8	.150	.093	.393	.190	.310	-.160	5.45	.240	.670	-.031	34.8	.620	-.291	31.1	.032	.640	.110	.350	-.312	1.25
[P]097A3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[P]097A1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
[P]097A2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-15A	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-15[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-05M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-05[illegible]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0298	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0298	-1.95	6.11	-.430	-.220	-.150	1.49	-.170	36.0	.091	.030	.570	1.21	.260	.050	1.46	.110	.660	.030	66.6	-.640	-.210	.122	.027	-.140	-.040	.560	-.122	1.39
1245-13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1245-14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1270-08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0299	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
0299	-4.36	3.54	-.860	-.190	-.190	1.26	-.160	35.4	.120	-.120	.320	1.12	.230	.170	.120	-.010	.460	-.030	99.4	-.310	.130	.260	.030	.220	.280	.110	-.190	1.33

1265-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-02*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-02*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1265-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2202	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2202	-4.25	8.63	-.183	-.190	-.030	1.20	-.042	-11.5	.020	.100	.183	-1.13	.170	.150	1.65	-.010	.591	.353	56.1	-.180	-.063	.165	.030	1.34	.350	.493	-.250	.301
1315-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1315-02*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1315-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1334-037	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1334-347	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1334-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1334-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15542	----	.622	-.390	.060	-.140	.670	1.40	----	6.35	-1.20	1.45	----	-.763	-7.35	----	1.09	-1.13	-.271	.254	-3.91	.099	.871	.391	-2.15	1.36	1.69	-.470	1.46
15542	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2011	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2011	-4.79	4.74	-.610	-.171	-.081	1.41	-.130	4.77	.860	.090	.090	.811	.403	.190	3.25	.092	.550	.070	96.0	-.490	-.060	.211	-.350	.410	.110	.411	-.020	.130
P1195a3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
P1195a2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
P1195a4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-134	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-13a	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-132	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-074	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-07a	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-070	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2012	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2012	-3.19	4.31	-1.56	.110	.150	2.21	-.040	59.1	.230	.321	.263	2.24	.392	.901	1.66	.260	.601	.020	39.9	-.130	-.310	57.5	.060	.440	.100	1.33	-.190	2.35
1487-257	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-277	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-377	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-197	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1487-147	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1111-167	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1111-137	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1111-177	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2013	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2013	-1.23	6.34	-.050	.310	-.120	1.93	.010	24.9	.270	.150	.161	1.55	.110	.610	.741	.020	1.16	.101	31.2	-.370	.130	41.1	-.010	.910	.360	.623	.230	1.21
P1195a8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
P1195a1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
P1195a5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1195a6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1181-312	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1186-31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1186-310	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1186-319	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1195-015	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1616-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2014	-4.09	9.65	-1.63	-.181	-.370	1.97	-.040	16.5	.390	-.020	.130	3.02	.260	.710	.670	.070	1.15	.030	62.0	-1.05	.120	.161	.340	.900	-.020	.681	-.060	.360
4219-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1735-014	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1735-017	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1795-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1C543	....	1.63	-3.08	.073	-.099	5.44	1.85	....	-.360	-1.26	2.43	....	-1.69	-7.24	....	5.63	-1.71	-.040	67.3	-2.92	1.030	.273	1.01	-2.04	1.70	3.62	-.793	1.91
1C543D	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C415	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C815	-5.22	7.65	.133	-.243	-.098	1.30	-.030	6.21	-.383	.060	.110	1.20	.463	.430	5.26	.103	1.26	.072	71.5	-.383	.030	.116	-.361	1.16	-.220	.651	-.113	.263
CP109259	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CP109261	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CP109262	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1222-054	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1222-05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1222-051	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1222-059	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1222-055	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1384-01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1384-02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C416	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2C816	.190	9.40	-.330	-.163	-.028	1.41	-.020	7.75	.390	.050	.090	2.71	.453	.370	.830	.203	1.44	.140	37.5	-.123	.010	33.0	-.310	.960	.250	1.65	.143	.230

CC limit of each parameter are listed in a table attached next to all the ICP check forms
** - Out of CC limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8I031C01			1	☒	unk	---
2	0	0	0	0	Unk	S20		ID8I031C02				☒	unk	---
3	0	0	0	0	Unk	S21		ID8I031C03			1	☒	unk	---
4	0	0	0	0	Unk	S22		ID8I031C04				☒	unk	---
5	0	0	0	0	Unk	S23		ID8I031C05			1	☒	unk	---
6	0	0	0	0	Unk	S24		ID8I031C06			1	☒	unk	---
7	0	0	0	0	Unk	S25		ID8I031C07			1	☒	unk	---
8	0	0	0	0	Unk	S26		ID8I031C08			1	☒	unk	---
9	0	0	0	0	Unk	S27		ID8I031C09			1	☒	unk	---
10	0	0	0	0	Unk	S28		ID8I031C10			1	☒	unk	---
11	0	0	0	0	Unk	S29		ID8I031C11			1	☒	unk	---
12	0	0	0	0	Unk	S30		ID8I031C12			1	☒	unk	---
13	0	0	0	0	Unk	S31		ID8I031C13			1	☒	unk	---
14	1	2	1	1	QC	ICV		ID8I031C14			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8I031C15			1	☒	3XIDL	None
16	3	2	3	1	QC	MRL03101		ID8I031C16			1	☒	EMAX	None
17	4	2	4	1	QC	MRL03102		ID8I031C17			1	☒	AFCEE	None
18	5	2	5	1	QC	ZZZZ		ID8I031C18			1	☒	ICSA-DoD	None
19	5	2	5	1	QC	ICSA1		ID8I031C19			1	☒	ICSA-DoD	None
20	6	2	6	1	QC	ICSAB1		ID8I031C20			1	☒	ICSAB1	None
21	7	2	7	1	QC	CCV1		ID8I031C21			1	☒	CCV	None
22	8	2	8	1	QC	CCB1		ID8I031C22			1	☒	3XIDL	None
23	9	2	9	1	Unk	176-02I	5X	ID8I031C23			1	☒	unk	---
24	10	2	10	1	Unk	176-04I	5X	ID8I031C24			1	☒	unk	---
25	11	2	11	1	Unk	176-06I	5X	ID8I031C25			1	☒	unk	---
26	12	2	12	1	Unk	176-08W		ID8I031C26			1	☒	unk	---
27	13	2	1	2	Unk	176-10I	5X	ID8I031C27			1	☒	unk	---
28	14	2	2	2	Unk	176-12I	5X	ID8I031C28			1	☒	unk	---
29	15	2	3	2	Unk	176-14W		ID8I031C29			1	☒	unk	---
30	16	2	4	2	Unk	176-16I	5X	ID8I031C30			1	☒	unk	---
31	17	2	5	2	Unk	176-18I	5X	ID8I031C31			1	☒	unk	---
32	18	2	6	2	QC	CCV2		ID8I031C32			1	☒	CCV	None
33	19	2	7	2	QC	CCB2		ID8I031C33			1	☒	3XIDL	None
34	20	2	8	2	QC	IPI093WB		ID8I031C34			1	☒	CCB	None
35	21	2	9	2	QC	IPI093WL		ID8I031C35			1	☒	LCS	None
36	22	2	10	2	QC	IPI093WC		ID8I031C36			1	☒	LCS	None
37	23	2	11	2	Unk	I194-01A		ID8I031C37			1	☒	unk	---
38	24	2	12	2	Unk	I194-01		ID8I031C38			1	☒	unk	---
39	25	2	1	3	Unk	I194-01J		ID8I031C39			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
40	26	2	2	3	Unk	I194-02		ID8I031040			1	☒	unk	---
41	27	2	3	3	Unk	I194-03		ID8I031041			1	☒	unk	---
42	28	2	4	3	Unk	I194-04		ID8I031042			1	☒	unk	---
43	29	2	5	3	Unk	I177-01T	SX	ID8I031043			1	☒	unk	---
44	30	2	6	3	QC	CCV3		ID8I031044			1	☒	CCV	None
45	31	2	7	3	QC	CCB3		ID8I031045			1	☒	3XIDL	None
46	32	2	8	3	Unk	I284-03T	SX TOT	ID8I031046			1	☒	unk	---
47	33	2	9	3	Unk	I284-04T	SX TOT	ID8I031047			1	☒	unk	---
48	34	2	10	3	Unk	I284-05T	SX TOT	ID8I031048			1	☒	unk	---
49	35	2	11	3	Unk	I284-07T	SX TOT	ID8I031049			1	☒	unk	---
50	36	2	12	3	Unk	I284-03	DISS	ID8I031050			1	☒	unk	---
51	37	2	1	4	Unk	I284-04	DISS	ID8I031051			1	☒	unk	---
52	38	2	2	4	Unk	I284-05	DISS	ID8I031052			1	☒	unk	---
53	39	2	3	4	Unk	I284-07	DISS	ID8I031053			1	☒	unk	---
54	40	2	4	4	QC	CCV4		ID8I031054			1	☒	CCV	None
55	41	2	5	4	QC	CCB4		ID8I031055			1	☒	3XIDL	None
56	42	2	6	4	QC	IPI094WB		ID8I031056			1	☒	CCB	None
57	43	2	7	4	QC	IPI094WL		ID8I031057			1	☒	LCS	None
58	44	2	8	4	QC	IPI094WC		ID8I031058			1	☒	LCS	None
59	45	2	9	4	Unk	I246-02A		ID8I031059			1	☒	unk	---
60	46	2	10	4	Unk	I246-02		ID8I031060			1	☒	unk	---
61	47	2	11	4	Unk	I246-02J		ID8I031061			1	☒	unk	---
62	48	2	12	4	Unk	I246-02M		ID8I031062			1	☒	unk	---
63	49	2	1	5	Unk	I246-02S		ID8I031063			1	☒	unk	---
64	50	2	2	5	Unk	I246-03		ID8I031064			1	☒	unk	---
65	51	2	3	5	Unk	I246-04		ID8I031065			1	☒	unk	---
66	52	2	4	5	QC	CCV5		ID8I031066			1	☒	CCV	None
67	53	2	5	5	QC	CCB5		ID8I031067			1	☒	3XIDL	None
68	54	2	6	5	Unk	I246-05		ID8I031068			1	☒	unk	---
69	55	2	7	5	Unk	I246-06		ID8I031069			1	☒	unk	---
70	56	2	8	5	Unk	I246-07		ID8I031070			1	☒	unk	---
71	57	2	9	5	Unk	I230-01	TOT	ID8I031071			1	☒	unk	---
72	58	2	10	5	Unk	I230-02	TOT	ID8I031072			1	☒	unk	---
73	59	2	11	5	Unk	I230-03	TOT	ID8I031073			1	☒	unk	---
74	60	2	12	5	Unk	I230-04	TOT	ID8I031074			1	☒	unk	---
75	61	3	1	1	Unk	I230-05	TOT	ID8I031075			1	☒	unk	---
76	62	3	2	1	QC	CCV6		ID8I031076			1	☒	CCV	None
77	63	3	3	1	QC	CCB6		ID8I031077			1	☒	3X DL	None
78	64	3	4	1	Unk	I230-01	DISS	ID8I031078			1	☒	unk	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilu Factor	CorrFact	Check	Check Table	Fail Action
79	65	3	5	1	Unk	I230-02	DISS	ID8I031079			1	☒	unk	---
80	66	3	6	1	Unk	I230-03	DISS	ID8I031080			1	☒	unk	---
81	67	3	7	1	Unk	I230-04	DISS	ID8I031081			1	☒	unk	---
82	68	3	8	1	Unk	I230-05	DISS	ID8I031082			1	☒	unk	---
83	69	3	9	1	Unk	I338-01		ID8I031083			1	☒	unk	---
84	93	3	9	3	Unk	I188-02		ID8I031084			1	☒	unk	---
85	70	3	10	1	Unk	I509-01A	10X TCLP	ID8I031085			1	☒	unk	---
86	71	3	11	1	Unk	I509-01I	10X TCLP	ID8I031086			1	☒	unk	---
87	72	3	12	1	Unk	I509-01J	50X TCLP	ID8I031087			1	☒	unk	---
88	73	3	1	2	QC	CCV7		ID8I031088			1	☒	CCV	None
89	74	3	2	2	QC	CCB7		ID8I031089			1	☒	3XIDL	None
90	75	3	3	2	QC	IPI097WB		ID8I031090			1	☒	CCB	None
91	76	3	4	2	QC	IPI097WL		ID8I031091			1	☒	LCS	None
92	77	3	5	2	QC	IPI097WC		ID8I031092			1	☒	LCS	None
93	78	3	6	2	Unk	I245-05A		ID8I031093			1	☒	unk	---
94	79	3	7	2	Unk	I245-05		ID8I031094			1	☒	unk	---
95	80	3	8	2	Unk	I245-05J		ID8I031095			1	☒	unk	---
96	81	3	9	2	Unk	I245-05M		ID8I031096			1	☒	unk	---
97	82	3	10	2	Unk	I245-05S		ID8I031097			1	☒	unk	---
98	83	3	11	2	Unk	I245-01		ID8I031098			1	☒	unk	---
99	84	3	12	2	Unk	I245-02		ID8I031099			1	☒	unk	---
100	85	3	1	3	QC	CCV8		ID8I031100			1	☒	CCV	None
101	86	3	2	3	QC	CCB8		ID8I031101			1	☒	3XIDL	None
102	87	3	3	3	Unk	I245-03		ID8I031102			1	☒	unk	---
103	88	3	4	3	Unk	I245-04		ID8I031103			1	☒	unk	---
104	89	3	5	3	Unk	I270-02		ID8I031104			1	☒	unk	---
105	90	3	6	3	Unk	I270-03		ID8I031105			1	☒	unk	---
106	91	3	7	3	Unk	I270-04		ID8I031106			1	☒	unk	---
107	92	3	8	3	Unk	I270-05		ID8I031107			1	☒	unk	---
108	94	3	10	3	Unk	I270-07		ID8I031108			1	☒	unk	---
109	95	3	11	3	Unk	I270-08		ID8I031109			1	☒	unk	---
110	96	3	12	3	QC	CCV9		ID8I031110			1	☒	CCV	None
111	97	3	1	4	QC	CCB9		ID8I031111			1	☒	3XIDL	None
112	98	3	2	4	Unk	I255-01	TOT	ID8I031112			1	☒	unk	---
113	99	3	3	4	Unk	I255-01M	TOT	ID8I031113			1	☒	unk	---
114	100	3	4	4	Unk	I255-01S	TOT	ID8I031114			1	☒	unk	---
115	101	3	5	4	Unk	I255-02	TOT	ID8I031115			1	☒	unk	---
116	102	3	6	4	Unk	I255-01	DISS	ID8I031116			1	☒	unk	---
117	103	3	7	4	Unk	I255-01M	DISS	ID8I031117			1	☒	unk	---

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Dilln Factor	CorrFact	Check	Check Table	Fail Action
118	104	3	8	4	Unk	255-01S	DISS	D8I031118			1	☒	unk	---
119	105	3	9	4	Unk	255-02	DISS	D8I031119			1	☒	unk	---
120	106	3	10	4	QC	CCV10		D8I031120			1	☒	CCV	None
121	107	3	11	4	QC	CCB10		D8I031121			1	☒	3XID_	None
122	108	3	12	4	Unk	305-02		D8I031122			1	☒	unk	---
123	109	3	1	5	Unk	305-02M		D8I031123			1	☒	unk	---
124	110	3	2	5	Unk	305-02S		D8I031124			1	☒	unk	---
125	111	3	3	5	Unk	304-03T	5X TOT	D8I031125			1	☒	unk	---
126	112	3	4	5	Unk	304-04T	5X TOT	D8I031126			1	☒	unk	---
127	113	3	5	5	Unk	304-03	DISS	D8I031127			1	☒	unk	---
128	114	3	6	5	Unk	304-04	DISS	D8I031128			1	☒	unk	---
129	115	3	7	5	QC	ICSA2		D8I031129			1	☒	ICSA	None
130	116	3	8	5	QC	ICSAB2		D8I031130			1	☒	ICSAB1	None
131	117	3	9	5	QC	CCV11		D8I031131			1	☒	CCV	None
132	118	3	10	5	QC	CCB1'		D8I031132			1	☒	3XID_	None
133	119	3	11	5	QC	IPI098WO		D8I031133			1	☒	CCB	None
134	120	3	12	5	QC	IPI098WX		D8I031134			1	☒	LCS	None
135	121	4	1	1	QC	IPI098WY		D8I031135			1	☒	LCS	None
136	122	4	2	1	Unk	I487-13A		D8I031136			1	☒	unk	---
137	123	4	3	1	Unk	I487-13W		D8I031137			1	☒	unk	---
138	124	4	4	1	Unk	I487-13J		D8I031138			1	☒	unk	---
139	125	4	5	1	Unk	I487-07A		D8I031139			1	☒	unk	---
140	126	4	6	1	Unk	I487-07W		D8I031140			1	☒	unk	---
141	127	4	7	1	Unk	I487-07J		D8I031141			1	☒	unk	---
142	128	4	8	1	QC	CCV12		D8I031142			1	☒	CCV	None
143	129	4	9	1	QC	CCB12		D8I031143			1	☒	3X DL	None
144	130	4	10	1	Unk	I487-05T	5X Tl	D8I031144			1	☒	unk	---
145	131	4	11	1	Unk	I487-07T	5X Tl	D8I031145			1	☒	unk	---
146	132	4	12	1	Unk	I487-37T	5X Tl	D8I031146			1	☒	unk	---
147	133	4	1	2	Unk	I487-18T	10X Cu	D8I031147			1	☒	unk	---
148	134	4	2	2	Unk	I487-34T	10X Cu Ba	D8I031148			1	☒	unk	---
149	135	4	3	2	Unk	I144-05T	10X Ba	D8I031149			1	☒	unk	---
150	136	4	4	2	Unk	I144-10T	5X	D8I031150			1	☒	unk	---
151	137	4	5	2	Unk	I144-11T	5X	D8I031151			1	☒	unk	---
152	138	4	6	2	QC	CCV13		D8I031152			1	☒	CCV	None
153	139	4	7	2	QC	CCB13		D8I031153			1	☒	3XID_	None
154	140	4	8	2	QC	IPI095WB		D8I031154			1	☒	CCB	None
155	141	4	9	2	QC	IPI095WL		D8I031155			1	☒	LCS	None
156	142	4	10	2	QC	IPI095WC		D8I031156			1	☒	LCS	None

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
157	143	4	1	2	QC	TXI008SB	TCLP	ID8I031157			1	☒	CCB	None
158	144	4	2	2	Unk	I785-01A	TCLP	ID8I031158			1	☒	unk	—
159	145	4	1	3	Unk	I785-01	TCLP	ID8I031159			1	☒	unk	—
160	146	4	2	3	Unk	I785-01J	TCLP	ID8I031160			1	☒	unk	—
161	147	4	3	3	Unk	I785-01M	TCLP	ID8I031161			1	☒	unk	—
162	148	4	4	3	Unk	I785-01S	TCLP	ID8I031162			1	☒	unk	—
163	149	4	5	3	Unk	I518-02	TCLP	ID8I031163			1	☒	unk	—
164	150	4	6	3	QC	CCV14		ID8I031164			1	☒	CCV	None
165	151	4	7	3	QC	CCB14		ID8I031165			1	☒	3XIDL	None
166	152	4	8	3	Unk	H209-02	TCLP	ID8I031166			1	☒	unk	—
167	153	4	9	3	Unk	I785-01A	5X TCLP	ID8I031167			1	☒	unk	—
168	154	4	10	3	Unk	I785-01T	5X TCLP	ID8I031168			1	☒	unk	—
169	155	4	11	3	Unk	I785-01J	25X TCLP	ID8I031169			1	☒	unk	—
170	156	4	12	3	QC	ICSA3		ID8I031170			1	☒	ICSA	None
171	157	4	1	4	QC	ICSAB3		ID8I031171			1	☒	ICSAB	None
172	158	4	2	4	QC	CCV15		ID8I031172			1	☒	CCV	None
173	159	4	3	4	QC	CCB15		ID8I031173			1	☒	3XIDL	None
174	160	4	4	4	QC	IP-092SB		ID8I031174			1	☒	CCB	None
175	161	4	5	4	QC	IP-092SL		ID8I031175			1	☒	LCS	None
176	162	4	6	4	QC	IP-092SC		ID8I031176			1	☒	LCS	None
177	163	4	7	4	Unk	I222-05A		ID8I031177			1	☒	unk	—
178	164	4	8	4	Unk	I222-05		ID8I031178			1	☒	unk	—
179	165	4	9	4	Unk	I222-05J		ID8I031179			1	☒	unk	—
180	166	4	10	4	Unk	I222-05M		ID8I031180			1	☒	unk	—
181	167	4	11	4	Unk	I222-05S		ID8I031181			1	☒	unk	—
182	174	4	6	5	Unk	I384-01		ID8I031182			1	☒	unk	—
183	175	4	7	5	Unk	I384-02		ID8I031183			1	☒	unk	—
184	170	4	2	5	QC	CCV16		ID8I031184			1	☒	CCV	None
185	171	4	3	5	QC	CCB16		ID8I031185			1	☒	3XIDL	None

ID8I031 Section 1 of 3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00011	.00002	-.00001	.00031	.00017	.00012	-.00043	.00048	.00001	-.00083	Blank
2	S20					.86197		2.7209				S20
3	S21					8.1616		24.761				S21
4	S22				.42156						.16164	S22
5	S23				4.1112						1.6837	S23
6	S24						.08857					S24
7	S25						.91970					S25
8	S26	.24904							.96015	.15841		S26
9	S27	8.6553							8.9024	1.4941		S27
10	S28		.00618									S28
11	S29		.06220									S29
12	S30			.00148								S30
13	S31			.00596								S31
14	ICV	108.18	1.5178	1.0132	2.0435	1.5374	2.4845	2.1064	76.717	2.4993	.94765	ICV
15	ICB	.00453	.01198*	-.00013	-.00014	-.00003	.00166	.00000	.04271	.00011	.00006	ICB
16	MRLI3101	.23838	.10643	.01037	.01084	.01043	.01087	.01054	1.0904	.01106	.00964	MRLI3101
17	MRLI3102	.23339	.05266	.00934	.00520	.00406	.09549	.00523	.54782	.01056	.00969	MRLI3102
18	ZZZZ	392.89	.00099	.00119	.00004	-.00010	-.00557	.00128	480.95	-.00059	-.00126	ZZZZ
19	ICSA1	389.26	.00241	.00189	.00003	-.00013	-.00467	.00054	475.75	-.00054	-.00127	ICSA1
20	ICSAB1	392.18	1.0253	1.0508	.53002	.47985	.47355	1.0309	477.13	.47206	.45239	ICSAB1
21	CCV1	107.92	1.5140	1.0250	2.0495	1.5368	2.4974	2.1002	77.301	2.5152	.94500	CCV1
22	CCB1	.00053	.00807*	-.00025	-.00005	-.00004	.00136	-.00007	.06404	.00010	.00002	CCB1
23	I176-02I	.01278	.00238	.00305	.00378	.00007	.08504	.00009	16.718	.00051	.00017	I176-02I
24	I176-04I	.12664	.00108	-.00006	.00751	.00017	.11325	-.00008	17.079	.00079	.00085	I176-04I
25	I176-06I	.03438	.00000	.00062	.00762	-.00002	.10086	-.00006	17.914	.00047	.00069	I176-06I
26	I176-08W	3.0679	.00002	.00503	.02000	.00026	.14579	.00020	10.018	.00397	.00148	I176-08W
27	I176-10I	-.00033	.00009	-.00048	.00877	-.00007	.17480	-.00008	4.7110	.00002	-.00005	I176-10I
28	I176-12I	.03292	-.00074	-.00064	.00856	-.00008	.08779	-.00008	7.6610	.00011	.00028	I176-12I
29	I176-14W	2.4790	-.00076	.00482	.03704	.00004	.49123	.00008	13.783	.00616	.00085	I176-14W
30	I176-16I	.06746	.00004	-.00003	.00859	-.00006	.13457	-.00011	8.5275	.00027	.00016	I176-16I
31	I176-18I	.07425	-.00075	.00135	.00899	.00002	.13730	-.00003	8.8034	.00027	.00031	I176-18I
32	CCV2	109.77	1.5203	1.0239	2.0731	1.5179	2.5052	2.0934	75.800	2.5173	.95041	CCV2
33	CCB2	.00793	.00656*	-.00041	-.00012	-.00001	.00135	.00003	.04019	.00019	.00012	CCB2
34	IPI093WB	.01764	-.00036	.00100	.00018	.00012	.00083	.00018	.01771	.00025	.00020	IPI093WB
35	IPI093WL	6.1603*	2.5857	.54439	.52873	.51114	.51399	.55132	51.508	.52139	.49849	IPI093WL
36	IPI093WC	5.8922	2.5040	.51759	.49797	.48554	.50451	.52172	49.723	.49186	.46906	IPI093WC
37	I194-01A	6.5064	2.7397	.58126	.62448	.53488	.71253	.58695	169.90	.52976	.52380	I194-01A
38	I194-01	.00792	.01964	.00147	.05844	.00000	.16271	.00021	115.61	.00428	.00039	I194-01
39	I194-01J	-.00009	.00827	-.00075	.01179	-.00004	.03225	-.00008	24.259	.00105	.00001	I194-01J
40	I194-02	.00605	.00120	.00240	.08332	-.00010	.16321	.00019	127.55	.00154	-.00046	I194-02
41	I194-03	.00799	.00245	.00154	.04537	-.00004	.12682	.00010	124.26	.02848	.00087	I194-03
42	I194-04	.03677	.00078	.00187	.02566	-.00010	.15675	.00018	118.89	.01022	-.00014	I194-04
43	I177-01T	.14144	.00171	.00132	.02274	.00018	.04819	.00019	19.718	.00418	.00093	I177-01T
44	CCV3	108.79	1.5065	1.0152	2.0914	1.5161	2.5058	2.1024	74.682	2.4656	.95498	CCV3
45	CCB3	.00110	.00722*	.00001	-.00013	-.00006	.00107	-.00009	.03671	.00005	-.00001	CCB3
46	I284-03T	.03331	.18886	-.01850*	.01873	-.00010	.19944	-.00005	13.872	23.104	.00083	I284-03T
47	I284-04T	.00793	.16822	-.01828*	.00967	-.00014	.17036	-.00009	14.584	20.725	.00061	I284-04T
48	I284-05T	.17451	.20048	-.02256*	.00694	-.00006	.20173	.00003	12.047	25.452	.00109	I284-05T
49	I284-07T	.06659	.13405	-.01433*	.00790	-.00008	.18130	-.00001	11.541	17.155	.00049	I284-07T
50	I284-03	.01353	.89808	-.09374*	.09158	-.00046	1.0121	.00016	66.930	97.914*	.00353	I284-03
51	I284-04	.02329	.92502	-.09929*	.05618	-.00048	.98418	.00019	80.567	100.39*	.00317	I284-04
52	I284-05	.00364	1.0407	-.11796*	.02757	-.00052	1.0515	.00014	58.393	110.47*	.00360	I284-05
53	I284-07	.00853	.67448	-.08035*	.03565	-.00041	.99458	.00016	57.450	82.135*	.00271	I284-07
54	CCV4	109.86	1.5373	1.0434	2.1018	1.5007	2.5178	2.0855	75.469	2.5523	.94539	CCV4

55	CCB4	-.00108	.00348	.00017	-.00012	-.00005	.00096	-.00011	.03749	.00389*	.00007	CCB4
56	IPI094WB	.00175	-.00062	.00179	-.00004	-.00006	.00084	.00005	.00537	.00257*	.00008	IPI094WB
57	IPI094WL	6.1583*	2.5708	.54751	.53749	.50573	.51705	.55301	50.986	.51560	.49746	IPI094WL
58	IPI094WC	5.8134	2.4923	.51622	.49558	.47006	.49875	.50738	49.195	.49419	.45705	IPI094WC
59	I246-02A	6.4796	2.6432	.59078	.62546	.51083	.61134	.56749	173.17	.53447	.50579	I246-02A
60	I246-02	.00787	.00784	.00220	.07573	-.00011	.08310	-.00012	126.07	.00119	-.00034	I246-02
61	I246-02J	-.00017	.00594	.00097	.01481	-.00009	.01582	-.00009	25.675	.00113	-.00002	I246-02J
62	I246-02M	6.1256	2.6966	.56028	.59302	.47786	.61096	.53200	177.80	.50897	.47780	I246-02M
63	I246-02S	6.4042	2.8153	.57742	.61352	.49860	.64321	.55709	176.74	.52037	.49753	I246-02S
64	I246-03	.01595	.02341	.00198	.15254	-.00006	.11253	-.00005	222.27	.00088	-.00027	I246-03
65	I246-04	.01289	.00722	.00414	.15386	-.00006	.11180	-.00006	221.91	.00106	-.00035	I246-04
66	CCV5	110.52*	1.5421	1.0410	2.1039	1.4902	2.5189	2.0781	74.979	2.5506	.94864	CCV5
67	CCB5	-.00086	.00665*	-.00157	-.00016	-.00004	.00086	-.00006	.03537	.00056	.00006	CCB5
68	I246-05	.01986	.00159	.00208	.20747	-.00009	.09149	-.00012	424.77	.00102	-.00050	I246-05
69	I246-06	.00820	.00000	.01813	.45099	-.00020	.14347	.00021	554.93	.00073	-.00108	I246-06
70	I246-07	.01153	-.00140	.01821	.44618	-.00010	.14644	.00028	552.67	.00091	-.00092	I246-07
71	I230-01	.11636	-.00007	.00075	.03502	.00030	-.01602*	.00024	3.3558	.00136	.01917	I230-01
72	I230-02	.32483	-.00074	.00250	.08637	.00105	-.00465	.00095	33.490	.00246	.08758	I230-02
73	I230-03	.07675	-.00172	.00160	.05627	.00041	.06909	.00033	3.3489	.00053	.01399	I230-03
74	I230-04	.32152	-.00033	.00200	.08499	.00104	-.00407	.00097	32.903	.00225	.08629	I230-04
75	I230-05	.01591	-.00119	-.00003	.00032	-.00001	.00401	-.00001	.02706	.00038	.00019	I230-05
76	CCV6	110.00*	1.5119	1.0170	2.1187	1.4966	2.5041	2.0998	73.951	2.4697	.95438	CCV6
77	CCB6	-.00032	.00450	-.00115	-.00021	-.00004	.00078	-.00007	.03464	.00037	.00005	CCB6
78	I230-01	.04451	.00026	.00025	.03053	.00057	-.01530*	.00055	3.1253	.00141	.01901	I230-01
79	I230-02	.07579	-.00011	.00050	.08201	.00092	-.00449	.00091	32.802	.00185	.08448	I230-02
80	I230-03	.01902	-.00036	.00026	.04948	.00015	.06550	.00009	3.1308	.00031	.01326	I230-03
81	I230-04	.08403	-.00020	.00136	.08235	.00079	-.00414	.00075	32.397	.00154	.08348	I230-04
82	I230-05	.00572	-.00093	.00127	.00003	.00011	.00432	.00013	.02789	.00023	.00034	I230-05
83	I338-01	.01011	-.00096	.00371	.06857	-.00013	.05399	-.00001	52.947	.00690	-.00027	I338-01
84	I188-02	.00346	-.00101	-.00029	.00018	-.00001	.03021	.00002	.43452	.00008	.00017	I188-02
85	I509-01A	5.9588	2.5263	.58606	.55958	.52271	9.9845	.58963	48.979	.52449	.53521	I509-01A
86	I509-01I	.00802	.00688	.00324	.00314	-.00002	9.0131	-.00018	.10275	.00026	-.00016	I509-01I
87	I509-01J	.00009	.00189	.00038	.00127	-.00008	1.8272	-.00016	.01794	.00001	.00004	I509-01J
88	CCV7	110.62*	1.5236	1.0248	2.1080	1.4918	2.5099	2.0883	74.677	2.5055	.95038	CCV7
89	CCB7	.00077	.00400	.00029	-.00008	.00000	.00255	-.00007	.03777	.00015	.00009	CCB7
90	IPI097WB	-.00121	-.00103	.00074	-.00019	-.00005	.00176	.00008	-.00312	.00002	.00013	IPI097WB
91	IPI097WL	6.4762*	2.5576	.57022	.56078	.51171	.51293	.56566	49.248	.54005	.51309	IPI097WL
92	IPI097WC	6.2395*	2.7318	.55348	.54770	.49807	.52920	.55492	51.510	.53510	.50486	IPI097WC
93	I245-05A	6.5858	2.6829	.58882	.64448	.51281	.95922	.57483	143.87	.53756	.51382	I245-05A
94	I245-05	.00307	.01136	.00277	.08636	-.00004	.44170	.00019	96.489	.00096	-.00030	I245-05
95	I245-05J	-.00072	.00591	.00169	.01680	-.00008	.08385	-.00011	19.289	.00030	-.00003	I245-05J
96	I245-05M	6.2364	2.8314	.56324	.61270	.47899	.97370	.54126	138.04	.50867	.48792	I245-05M
97	I245-05S	6.2692	2.8168	.56205	.61536	.48255	.99191	.54201	143.46	.50888	.48600	I245-05S
98	I245-01	.00382	.02550	.00452	.08511	.00000	.24616	.00012	47.142	.00512	-.00023	I245-01
99	I245-02	.00314	.00891	.00592	.08533	-.00007	.23605	.00007	45.963	.00509	-.00043	I245-02
100	CCV8	108.58	1.5330	1.0372	2.1189	1.4843	2.5111	2.0921	74.366	2.5259	.95375	CCV8
101	CCB8	-.00195	.00611*	-.00043	-.00023	-.00005	.00149	-.00007	.03596	.00009	.00005	CCB8
102	I245-03	.00746	.00270	.00430	.02864	-.00003	.29014	.00002	55.401	.03780	.00061	I245-03
103	I245-04	-.00028	.00071	.00239	.07124	-.00009	.30616	.00000	58.528	.01956	.00117	I245-04
104	I270-02	.00345	.00057	.00954	.02764	-.00011	.78601	-.00003	135.73	.00269	-.00043	I270-02
105	I270-03	.00080	-.00061	.00157	.10638	-.00018	.26941	-.00012	468.13	.00167	-.00076	I270-03
106	I270-04	.00650	-.00047	.00444	.09652	-.00013	.38269	-.00008	266.47	.00072	-.00035	I270-04
107	I270-05	.00078	-.00084	.00699	.18769	-.00013	.34426	-.00004	243.74	.00093	-.00011	I270-05
108	I270-07	.00778	-.00108	.01181	.02446	-.00012	.62935	-.00003	105.16	.00046	.00008	I270-07
109	I270-08	.00111	-.00136	.00520	.07616	-.00012	.38288	-.00001	231.82	.00082	-.00032	I270-08
110	CCV9	106.63	1.5146	1.0392	2.1397	1.4805	2.5174	2.0960	75.070	2.5275	.94986	CCV9
111	CCB9	-.00436	.00354	-.00086	-.00019	-.00009	.00126	-.00006	.03544	.00002	-.00002	CCB9

112	I255-01	.02625	.00025	.00204	.18152	.00005	.00110	.00015	72.633	.00078	.00438	I255-01
113	I255-01M	6.2187	2.6407	.56236	.70684	.48421	.52848	.54298	117.10	.51585	.48882	I255-01M
114	I255-01S	6.2476	2.7025	.56236	.71988	.48776	.54500	.55310	119.02	.51218	.49611	I255-01S
115	I255-02	1.4200	.02862	.00268	.01630	.00020	.00583	.00003	.46168	.00157	.00762	I255-02
116	I255-01	-.00283	.00604	.00237	.13303	-.00006	.00026	.00012	53.961	.00045	.00356	I255-01
117	I255-01M	5.6855	2.4816	.53499	.67171	.44894	.48421	.51344	108.85	.49152	.46516	I255-01M
118	I255-01S	6.2905	2.8294	.58372	.72461	.48995	.55180	.55334	120.86	.53992	.50028	I255-01S
119	I255-02	.02259	.02920	.00082	.01308	.00013	.00626	.00010	.47156	.00010	.00695	I255-02
120	CCV10	103.65	1.5020	1.0319	2.1249	1.4698	2.4937	2.0935	75.533	2.5289	.94035	CCV10
121	CCB10	-.00425	.00850*	-.00018	-.00019	-.00003	.00120	-.00004	-.01150	.00000	.00010	CCB10
122	I305-02	.00198	.00185	.00516	.30294	-.00018	.14824	-.00015	552.46	.00059	-.00065	I305-02
123	I305-02M	6.3924	2.9637	.63034	.87614	.47942	.71208	.56862	601.26	.53873	.50519	I305-02M
124	I305-02S	6.1865	2.8050	.60335	.85451	.47291	.67614	.56584	583.80	.51204	.50078	I305-02S
125	I304-03T	.14689	.13144	-.00972	.00837	.00003	.17113	.00004	15.311	13.252	.00070	I304-03T
126	I304-04T	.07654	.19320	-.01704*	.00823	-.00015	.18718	.00003	10.661	22.101	.00095	I304-04T
127	I304-03	.00822	.60796	-.05639*	.04033	-.00028	1.0012	.00010	73.466	70.394*	.00301	I304-03
128	I304-04	.00809	.95246	-.08444*	.03376	-.00045	.96837	.00021	47.855	99.206*	.00416	I304-04
129	ICSA2	370.16	.00062	-.00009	.00006	-.00014	.00067	.00140	462.46	.00636	-.00120	ICSA2
130	ICSAB2	376.81	.99873	1.0524	.55650	.45877	.48386	1.0467	462.33	.46672	.45668	ICSAB2
131	CCV11	102.95	1.5346	1.0752	2.1979	1.4760	2.5385	2.1516	76.919	2.6303	.96814	CCV11
132	CCB11	-.00479	.00474	-.00061	-.00017	-.00008	.00141	-.00009	.00477	.00086*	.00009	CCB11
133	IPI098WQ	.00446	-.00093	.00127	-.00006	-.00005	.00070	.00011	.00836	.00054	.00022	IPI098WQ
134	IPI098WX	5.8628	2.4902	.57600	.57340	.50994	.50606	.58404	50.918	.55495	.51827	IPI098WX
135	IPI098WY	5.5468	2.6134	.55034	.55355	.49196	.51860	.56936	51.864	.53039	.50763	IPI098WY
136	I487-13A	7.4755	2.6290	.81322	.75437	.65303	8.1151	.77946	54.712	4.4394	.68582	I487-13A
137	I487-13W	.11350	.04048	.00037	.01487	-.00005	7.7355	.00357	4.6062	3.8932	.00023	I487-13W
138	I487-13J	.02441	.01200	-.00034	.00268	-.00009	1.4367	.00060	.92469	.76338	.00015	I487-13J
139	I487-07A	31.092	2.7552	.63345	1.0469	.50074	2.0122	.57799	63.764	2.4987	.62585	I487-07A
140	I487-07W	23.394	.01762	.02438	.50002	.01705	1.4096	.01694	13.189	1.8330	.12457	I487-07W
141	I487-07J	4.2845	.00477	.00523	.09956	.00334	.26441	.00317	2.6236	.33366	.02430	I487-07J
142	CCV12	103.33	1.5376	1.0877	2.2241*	1.4673	2.5571	2.1523	76.950	2.6566	.96705	CCV12
143	CCB12	-.00319	.00401	-.00158	.00001	.00005	.00220	-.00004	.05915	.00020	.00002	CCB12
144	I487-05T	1.0637	.04852	.00172	.14253	-.00003	.00981	.00619	4.1615	.07538	.00946	I487-05T
145	I487-07T	4.5353	.00401	.00613	.10451	.00348	.27655	.00333	2.7574	.35137	.02527	I487-07T
146	I487-37T	.16283	.00048	.00024	.01629	-.00010	.00697	.00069	.54947	.00395	.00039	I487-37T
147	I487-18T	1.6934	.00774	.00132	5.1592	-.00004	.00923	.21693	10.891	.40127	.00994	I487-18T
148	I487-34T	2.8196	.18340	.00208	1.9434	.00003	.06872	.00060	3.6839	.03395	.00272	I487-34T
149	I144-05T	2.6216	.00074	.00084	14.417	-.00004	.00103	-.00009	5.3697	.00169	.00214	I144-05T
150	I144-10T	.35939	.00044	.00306	.00875	.00001	.00375	.00055	.52074	.00674	.00249	I144-10T
151	I144-11T	.36877	-.00069	.00313	.00913	.00003	.00456	.00074	.51621	.00686	.00275	I144-11T
152	CCV13	101.91	1.5134	1.0716	2.2267*	1.4785	2.5601	2.1590	76.904	2.6075	.96285	CCV13
153	CCB13	-.00123	.00634*	-.00008	-.00020	-.00002	.00193	.00000	.02481	.00027	.00006	CCB13
154	IPI095WB	.00055	-.00082	.00100	.00010	.00006	.00142	.00011	.01054	.00020	.00017	IPI095WB
155	IPI095WL	5.5733	2.5387	.56855	.55487	.48310	.51371	.55369	51.803	.54925	.49351	IPI095WL
156	IPI095WC	5.1684	2.3908	.52080	.51240	.44991	.49054	.51437	48.937	.49911	.45585	IPI095WC
157	TXI008SB	-.00109	.01496	.00000	.00177	-.00004	.00939	-.00001	.28121*	.00010	.00009	TXI008SB
158	I785-01A	4.5760	2.0245	.48178	.57129	.38994	.54422	.45314	61.008	.42988	.39919	I785-01A
159	I785-01	.03231	.01696	.00567	.15773	-.00004	.17013	.00062	27.029	.00079	.00124	I785-01
160	I785-01J	.00609	.00592	.00085	.03213	.00001	.03561	.00014	5.6739	.00024	.00034	I785-01J
161	I785-01M	5.5890	2.6554	.57885	.70389	.46786	.71360	.54549	80.395	.51875	.48285	I785-01M
162	I785-01S	5.6873	2.6737	.58809	.73679	.47520	.74834	.55762	82.140	.51366	.49173	I785-01S
163	I518-02	2.0650	.02317	.00098	.09505	-.00005	.27580	.00267	14.559	.00291	.00273	I518-02
164	CCV14	102.57	1.5337	1.0864	2.2407*	1.4634	2.5740	2.1425	76.975	2.6550	.96356	CCV14
165	CCB14	-.00409	.00965*	-.00163	-.00018	-.00007	.00197	-.00004	.01653	.00009	-.00003	CCB14
166	H209-02	.02276	.00438	.00093	.14609	.00006	.17528	.00226	96.055	.00161	.00064	H209-02
167	I785-01A	5.4022	2.5076	.55900	.58664	.48840	.54610	.56143	58.097	.52337	.49412	I785-01A
168	I785-01T	.00746	.01165	.00222	.03135	.00037	.03455	.00045	5.4049	.00067	.00062	I785-01T

TOSH

169	I785-01J	-.00469	.00432	-.00041	.00631	-.00006	.00982	-.00003	1.1400	-.00008	.00009	I785-01J
170	ICSA3	375.56	.00163	-.00308	.00007	-.00009	.00644	.00185	470.69	-.00006	-.00126	ICSA3
171	ICSAB3	373.63	.98947	1.0712	.56945	.45164	.49923	1.0441	459.31	.46734	.45265	ICSAB3
172	CCV15	103.21	1.5303	1.0867	2.2316*	1.4677	2.5693	2.1449	76.929	2.6534	.96461	CCV15
173	CCB15	-.00522	.00785*	.00013	-.00024	-.00008	.00150	-.00003	.00620	-.00008	.00006	CCB15
174	IPI092SB	.01383	.00129	.00001	.00015	.00001	.00101	.00008	.01949	.00003	.00014	IPI092SB
175	IPI092SL	4.4624	2.1681	.46072	.47861	.41382	.42093	.48941	44.853	.45452	.43809	IPI092SL
176	IPI092SC	4.9198	2.3989	.51488	.53046	.45789	.46196	.54361	49.360	.50523	.48618	IPI092SC
177	I222-05A	13.077	2.9272	.56859	.90166	.49672	.47700	.59133	57.345	.83898	.52857	I222-05A
178	I222-05	7.3099	.48192	.00369	.32555	.00046	.00257	.00748	6.8196	.29281	.00650	I222-05
179	I222-05J	1.5206	.10282	.00094	.06517	.00003	.00084	.00139	1.3808	.05777	.00130	I222-05J
180	I222-05M	13.708	2.7416	.51834	.81066	.46357	.45337	.54834	57.930	.76015	.49378	I222-05M
181	I222-05S	14.345	2.6399	.51361	.86094	.45782	.44941	.55201	57.438	.71179	.49272	I222-05S
182	I384-01	103.81	.02549	.02559	.95896	.00413	.05691	.00107	18.515	.27752	.08069	I384-01
183	I384-02	76.995	.00709	.02631	.19026	.00317	.05101	-.00112	6.7280	.31527	.12832	I384-02
184	CCV16	103.54	1.5254	1.0759	2.2152*	1.4750	2.5596	2.1461	77.466	2.6510	.96153	CCV16
185	CCB16	.00019	.00940*	-.00033	-.00016	-.00002	.00141	-.00002	.00775	.00009	.00005	CCB16
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID
1	Blank	.00118	.00002	.00003	-.00002	.00000	.00002	.00011	-.00070	-.00035	.00001	Blank
2	S20			.19653			.10372					S20
3	S21			1.9089			1.0048					S21
4	S22	.38627	.06536									S22
5	S23	3.7445	2.5070									S23
6	S24							.71026				S24
7	S25							7.0579				S25
8	S26								.78924	.27592		S26
9	S27								7.3251	2.7446		S27
10	S28					.10031						S28
11	S29					.41415						S29
12	S30				.02564						.00168	S30
13	S31				.12660						.00669	S31
14	ICV	2.5099	23.989	2.4159	.52181	56.162	2.3926	2.5361	2.5568	60.096	1.0218	ICV
15	ICB	.00020	.00262	.00013	.00033	-.00005	.00007	.00134*	.00003	.02044	.00010	ICB
16	MRLI3101	.01074	.22066	.01073	.01079	.97422	.01094	.01067	.01098	.99426	.01010	MRLI3101
17	MRLI3102	.01041	.10536	.00310	.10067	.20521	.00542	.01015	.01068	.98329	.00954	MRLI3102
18	ZZZZ	.00204	183.53	-.00004	-.00797	190.52	.00111	-.00164	-.00041	.02896	-.00531*	ZZZZ
19	ICSA1	.00195	184.00	-.00037	-.00767	188.56	.00113	-.00150	-.00024	.00033	-.00520	ICSA1
20	ICSAB1	.51627	184.60	.90129	1.0936	187.70	.46061	.99927	.97608	79.804	1.0451	ICSAB1
21	CCV1	2.5066	24.099	2.4116	.52073	56.423	2.4130	2.5266	2.5472	60.495	1.0305	CCV1
22	CCB1	.00029	.00170	.00021	-.00025	.00221	.00008	.00126*	.00002	.02769	-.00044	CCB1
23	I176-02I	.00137	.01360	.00579	.00582	18.704	.01938	.00052	.00134	1.2018	.00087	I176-02I
24	I176-04I	.00157	.00464	.00704	.01776	31.994	.02582	.00005	.00260	1.9277	.00086	I176-04I
25	I176-06I	.00142	-.00027	.00704	.01291	17.233	.03634	.00013	.00440	1.7446	.00510	I176-06I
26	I176-08W	.01110	2.2644	.03656	.00874	2.8339	.08086	.00024	.00884	2.0800	.00308	I176-08W
27	I176-10I	.00224	.00869	.00859	.00176	9.4486	.00048	.00067	.00276	.63324	.00149	I176-10I
28	I176-12I	.00207	-.00291	.00626	.01734	16.494	.02307	-.00004	.00411	1.7899	.00091	I176-12I
29	I176-14W	.00657	3.0064	.03729	.01768	8.8545	.04994	.00137	.00894	5.0070	.00149	I176-14W
30	I176-16I	.00101	.01442	.00641	.02270	20.797	.00650	-.00002	.00402	1.6597	-.00007	I176-16I
31	I176-18I	.00111	.02302	.00670	.02287	21.321	.00696	-.00004	.00395	1.6865	.00031	I176-18I
32	CCV2	2.5759	23.881	2.4134	.53251	54.742	2.3985	2.5601	2.5589	61.429	1.0332	CCV2
33	CCB2	.00047	.00370	.00029	.00010	.00729	.00019	.00144*	.00011	.05867	.00072	CCB2
34	IPI093WB	.00083	.00211	.00034	-.00011	.01083	.00035	.00031	.00057	.02049	-.00087	IPI093WB
35	IPI093WL	.53754	5.2497	.51757	-.00098*	47.719	.50947	.51436	.53990	52.329	.54043	IPI093WL
36	IPI093WC	.50922	4.9585	.49083	-.00117*	46.274	.47985	.49438	.50949	50.527	.51443	IPI093WC
37	I194-01A	.57102	5.3320	.56528	.02360	79.454	.53712	.58604	.60619	56.466	.58276	I194-01A
38	I194-01	.00135	.03195	.02536	.02319	30.162	.01287	.03551	.07612	2.1444	.00640	I194-01
39	I194-01J	.00052	.00717	.00532	.00468	6.1618	.00279	.00715	.01537	.45398	.00107	I194-01J
40	I194-02	.00136	.00298	.02582	.02216	33.638	.00102	.03093	.00300	2.3166	.00678	I194-02
41	I194-03	.00231	.36732	.02641	.01874	34.567	.02045	.04105	.24837	3.0126	.00654	I194-03
42	I194-04	.00180	.11930	.02690	.01932	31.728	.00618	.03579	.03315	2.6565	.00543	I194-04
43	I177-01T	.00370	7.8909	.00600	.01058	11.172	.04580	.00218	.00240	8.4964	.00650	I177-01T
44	CCV3	2.5786	23.455	2.4235	.53599	54.092	2.3850	2.5851	2.5704	61.435	1.0289	CCV3
45	CCB3	.00049	.00243	-.00017	.00005	-.00285	.00011	.00130*	.00001	.06859	-.00017	CCB3
46	I284-03T	.00113	.10227	.00096	.00992	13.572	.00349	.00418	-.00019	7.6880	.00090	I284-03T
47	I284-04T	.00095	.06538	.00027	.00860	14.280	.00516	.00215	-.00034	5.7219	.00064	I284-04T
48	I284-05T	.00115	.28282	.00052	.01026	14.819	.00597	.00201	-.00003	7.4301	.00125	I284-05T
49	I284-07T	.00267	.15934	.00105	.00949	13.215	.00390	.00497	.00002	6.8801	.00122	I284-07T
50	I284-03	.00109	.33753	.00156	.05407	67.356	.01362	.01840	-.00024	41.903	.00117	I284-03
51	I284-04	.00131	.34192	-.00019	.05251	81.906	.02626	.01080	-.00104	35.454	.00206	I284-04
52	I284-05	.00123	.38412	.00004	.05345	75.555	.01141	.01059	-.00152	42.161	.00217	I284-05
53	I284-07	.00131	.26876	.00230	.05367	69.505	.01050	.02386	-.00065	39.887	.00273	I284-07
54	CCV4	2.6010	24.042	2.4120	.54060	54.057	2.3942	2.5515	2.5501	62.530	1.0536	CCV4

55	CCB4	.00043	.00093	-.00009	-.00016	-.00422	.00006	.00053	.00001	.14135	.00003	CCB4
56	IPI094WB	.00045	-.00009	.00021	-.00046	.00496	.00019	.00010	.00043	.06153	-.00065	IPI094WB
57	IPI094WL	.54008	5.1934	.52109	-.00038*	46.956	.50408	.51693	.53993	52.859	.54415	IPI094WL
58	IPI094WC	.50559	4.9521	.47971	-.00081*	45.154	.47244	.48111	.49745	50.730	.51559	IPI094WC
59	I246-02A	.56563	5.7263	.53631	.01424	66.645	.66132	.52678	.51094	59.516	.57583	I246-02A
60	I246-02	.00103	.43286	.01183	.01496	19.918	.15472	.00457	.00006	4.4912	-.00095	I246-02
61	I246-02J	.00074	.08837	.00280	.00316	3.9446	.03102	.00087	.00007	.89299	.00029	I246-02J
62	I246-02M	.53555	5.4806	.50855	.01439	68.900	.63917	.52721	.51676	62.162	.55051	I246-02M
63	I246-02S	.55228	5.6330	.52974	.01437	68.597	.65581	.55911	.53742	61.372	.56601	I246-02S
64	I246-03	.00119	.50533	.01340	.00321	35.558	.26252	.00333	.00058	6.0367	-.00064	I246-03
65	I246-04	.00130	.49395	.01305	.00350	35.304	.26207	.00289	.00084	6.0496	-.00120	I246-04
66	CCV5	2.6287	24.029	2.4034	.54167	53.358*	2.3641	2.5543	2.5525	62.805	1.0521	CCV5
67	CCB5	.00039	.00111	-.00020	.00023	.00207	.00012	.00071	-.00006	.07211	-.00018	CCB5
68	I246-05	.00187	1.9258	.01617	.01821	84.513	.76184	.00131	.00071	9.8224	-.00017	I246-05
69	I246-06	.00184	17.342	.01959	.01547	100.87	.73468	-.00106	.00017	14.134	-.00153	I246-06
70	I246-07	.00224	17.167	.02103	.01529	100.04	.72807	-.00104	.00078	14.155	-.00205	I246-07
71	I230-01	.00698	4.8346	.03046	.07526	1.1693	1.3841	-.00020	.01117	1.8149	.00015	I230-01
72	I230-02	.01182	16.592	.01900	.00506	9.3986	1.7869	-.00023	.05915	1.1565	.00003	I230-02
73	I230-03	.00279	.30909	.00486	.00042	1.6437	.38246	.00002	.00438	.88938	.00004	I230-03
74	I230-04	.01192	16.013	.01931	.00539	9.1444	1.7666	-.00023	.05850	1.1360	.00029	I230-04
75	I230-05	.00151	.01239	.00014	-.00040	.01368	.00145	-.00001	.00026	.04401	-.00049	I230-05
76	CCV6	2.5898	23.533	2.4264	.54399	53.008*	2.3351	2.5772	2.5691	62.323	1.0323	CCV6
77	CCB6	.00048	.01218	.00036	.00027	.00657	.00009	.00064	-.00002	.06134	-.00066	CCB6
78	I230-01	.00373	2.6087	.02814	.07163	1.1252	1.3350	.00018	.01092	1.7115	.00073	I230-01
79	I230-02	.00909	11.444	.01554	.00540	9.1209	1.7309	-.00016	.05704	1.1047	.00072	I230-02
80	I230-03	.00200	.07559	.00391	.00086	1.5375	.35510	-.00004	.00382	.83544	-.00048	I230-03
81	I230-04	.00881	11.993	.01468	.00558	9.0761	1.7165	-.00031	.05645	1.1007	-.00063	I230-04
82	I230-05	.00124	.00595	.00029	.00012	.01105	.00079	.00001	.00031	.02982	-.00049	I230-05
83	I338-01	.00168	.01663	.01833	.02876	10.002	.01644	.00356	.00092	2.0530	.00050	I338-01
84	I188-02	.00082	.00490	.00019	.00001	.08537	.00032	-.00005	.00022	.07270	.00010	I188-02
85	I509-01A	.57387	5.1458	.52960	-.00007	44.680	.49807	.81949	.53491	58.830	.65616	I509-01A
86	I509-01I	.01455	.01009	.00170	.00082	.04437	.00185	.25536	.00034	6.4281	.01668	I509-01I
87	I509-01J	.00340	.00200	.00030	.00037	.00745	.00052	.04741	-.00010	1.3224	.00382	I509-01J
88	CCV7	2.6200	23.749	2.4168	.54584	53.174*	2.3318	2.5677	2.5623	63.029	1.0377	CCV7
89	CCB7	.00039	.00043	.00031	-.00016	.00545	.00024	.00067	-.00003	.03685	.00080	CCB7
90	IPI097WB	.00047	-.00169	.00034	-.00009	.00470	.00010	.00009	.00052	.01787	-.00117	IPI097WB
91	IPI097WL	.57089	5.4205	.53657	-.00098*	44.806	.51211	.50798	.55688	53.089	.56869	IPI097WL
92	IPI097WC	.55441	5.3016	.52216	-.00105*	46.764	.50353	.54665	.54709	55.194	.54834	IPI097WC
93	I245-05A	.57895	5.3057	.55585	.09241	113.29	.57726	.54655	.52706	62.691	.57922	I245-05A
94	I245-05	.00176	-.00829	.02870	.09333	66.931	.07608	.01899	.01031	5.8341	.00042	I245-05
95	I245-05J	.00073	.00000	.00546	.01773	12.895	.01533	.00368	.00204	1.0962	-.00079	I245-05J
96	I245-05M	.55318	5.0007	.53091	.09053	108.50	.54733	.57326	.53543	61.217	.55722	I245-05M
97	I245-05S	.54899	5.0355	.53059	.09330	112.77	.55433	.56704	.53302	62.261	.55518	I245-05S
98	I245-01	.00145	.10258	.03492	.03753	22.607	.00309	.03129	.04065	5.2285	.00827	I245-01
99	I245-02	.00170	.11047	.03282	.03626	22.141	.00356	.03101	.04563	5.0346	.00904	I245-02
100	CCV8	2.6154	23.879	2.4223	.54584	52.684*	2.3231	2.5699	2.5701	63.189	1.0521	CCV8
101	CCB8	.00057	.00323	.00026	.00005	.00146	.00011	.00055	.00008	.06857	-.00065	CCB8
102	I245-03	.00180	.33517	.03130	.03746	32.308	.01832	.02983	.21406	3.9729	.01106	I245-03
103	I245-04	.00234	.89499	.02922	.05511	39.384	.04337	.02906	.49565	4.0469	.01409	I245-04
104	I270-02	.00300	-.00943	.02834	.02805	81.459	.00153	.00282	.00628	15.460	.01333	I270-02
105	I270-03	.00268	-.01426	.02956	.02800	261.88	.00287	.00078	.00090	33.151	.00617	I270-03
106	I270-04	.00237	-.01927	.03236	.05118	137.95	.01598	.00280	.00218	9.1840	.00659	I270-04
107	I270-05	.00139	.01075	.03332	.04146	121.58	.44067	.00332	.00189	6.0254	.00475	I270-05
108	I270-07	.00147	.16290	.02581	.02182	48.554	.19800	.00569	.00135	2.8470	-.00057	I270-07
109	I270-08	.00174	-.02324	.02710	.03783	110.31	.16506	.00299	.00151	5.7455	.00551	I270-08
110	CCV9	2.5684	23.930	2.4207	.54777	53.122*	2.3375	2.5635	2.5627	64.066	1.0483	CCV9
111	CCB9	.00032	.00102	.00023	.00017	.00012	-.00001	.00046	-.00003	.09338	-.00031	CCB9

112	I255-01	.00190	1.1509	.00849	-.00129	39.928	2.2298	-.00017	.00454	.48245	-.00074	I255-01
113	I255-01M	.53851	6.2100	.51186	-.00182	84.564	2.6019	.52086	.52885	55.754	.55118	I255-01M
114	I255-01S	.53810	6.2649	.52196	-.00174	86.275	2.6443	.53995	.53854	56.322	.55455	I255-01S
115	I255-02	.00217	4.7018	.00947	.00320	.74749	.21475	.00065	.00414	.98771	-.00044	I255-02
116	I255-01	.00028	.69818	.00550	-.00081	29.848	1.6125	-.00014	.00352	.34915	-.00106	I255-01
117	I255-01M	.51012	5.6628	.48273	-.00130	78.403	2.3812	.49446	.50288	53.299	.52218	I255-01M
118	I255-01S	.55436	6.2417	.52100	-.00168	86.375	2.5855	.54683	.54143	58.921	.57433	I255-01S
119	I255-02	.00061	.00513	.00343	.00098	.61212	.19499	.00055	.00348	.71516	-.00017	I255-02
120	CCV10	2.5020	23.961	2.4067	.54082	53.496*	2.3272	2.5364	2.5460	63.787	1.0372	CCV10
121	CCB10	.00018	-.00103	.00017	.00045	.00106	-.00001	.00059	.00006	.06605	-.00078	CCB10
122	I305-02	.00134	3.9405	.01542	.01091	107.27	.60869	-.00058	.00057	21.983	-.00163	I305-02
123	I305-02M	.57254	9.2508	.53000	.01178	156.04	1.1115	.57104	.54468	84.026	.61338	I305-02M
124	I305-02S	.55544	8.8059	.52343	.01131	153.78	1.0789	.55719	.53982	82.375	.58892	I305-02S
125	I304-03T	.00067	.20119	.00287	.01046	11.454	.00339	.00200	.00061	6.2294	.00101	I304-03T
126	I304-04T	.00160	.18348	.00060	.01055	11.851	.00320	.00488	.00013	9.3448	.00206	I304-04T
127	I304-03	.00152	.21964	.01536	.06027	63.026	.00372	.00819	.00229	37.736	.00274	I304-03
128	I304-04	.00091	.32761	.00107	.05653	58.125	.00673	.02104	-.00074	50.684	.00126	I304-04
129	ICSA2	.00145	179.44	-.00078	-.00704	176.35	.00109	-.00170	-.00027	.25355	-.00391	ICSA2
130	ICSAB2	.51034	180.20	.91023	1.1376	177.03	.44057	1.0258	.98761	84.298	1.0454	ICSAB2
131	CCV11	2.5626	24.641	2.4609	.55744*	53.530*	2.3671	2.6206	2.6202	66.466*	1.0777	CCV11
132	CCB11	.00006	.00081	.00040	.00019	.00325	.00002	.00055	.00007	.09602	-.00049	CCB11
133	IPI098WQ	-.00004	.00171	.00030	-.00013	.00804	.00012	.00012	.00052	.03684	-.00111	IPI098WQ
134	IPI098WX	.53963	5.5355	.54168	-.00098*	46.026	.51557	.51617	.56568	54.979	.56303	IPI098WX
135	IPI098WY	.51940	5.2749	.52655	-.00107*	46.879	.49469	.55373	.55360	55.940	.53717	IPI098WY
136	I487-13A	.74454	7.1057	.69651	.00268	46.707	.65190	.54914	.69609	64.477	.88298	I487-13A
137	I487-13W	.03987	.11065	.00949	.00329	1.5654	.00235	.00065	.00421	8.0198	.00989	I487-13W
138	I487-13J	.02624	.02219	.00292	.00116	.30173	.00056	.00010	.00093	1.5169	.00174	I487-13J
139	I487-07A	18.091	34.976	.63164	.76994	47.447	3.5181	.53378	.61514	60.697	.58644	I487-07A
140	I487-07W	16.785	28.871	.12448	.74441	2.5894	3.0936	.00957	.10934	5.6489	.00072	I487-07W
141	I487-07J	3.2164	5.3503	.02292	.14617	.51449	.62172	.00176	.02110	1.1315	.00000	I487-07J
142	CCV12	2.5797	24.732	2.4648	.56148*	53.253*	2.3771	2.6321	2.6196	67.115*	1.0911	CCV12
143	CCB12	.00028	.00224	.00032	.00060	.00166	.00026	.00050	.00002	.03992	-.00008	CCB12
144	I487-05T	.14597	5.3798	.17986	.00347	.74421	.06193	.02999	.19792	.62196	.00137	I487-05T
145	I487-07T	3.3792	5.6279	.02410	.15334	.53833	.65111	.00191	.02201	1.1718	-.00017	I487-07T
146	I487-37T	.01227	6.5913	.00747	.00035	.10845	.02541	.00137	.00531	.18034	.00135	I487-37T
147	I487-18T	4.1245	4.0594	.15470	.00259	1.7715	.04882	.01140	.19135	.23554	-.00064	I487-18T
148	I487-34T	4.3719	4.3480	1.0569	.00395	1.4198	.26309	.01359	.02910	3.4890	.00007	I487-34T
149	I144-05T	.01386	3.9540	.00215	.00051	.10932	.00831	.00058	.00046	.57023	.00045	I144-05T
150	I144-10T	.00712	108.32	.00293	.00034	.10599	.01400	.00362	.00778	.32464	-.00034	I144-10T
151	I144-11T	.00688	112.42	.00272	.00044	.10134	.01465	.00380	.00769	.33420	-.00020	I144-11T
152	CCV13	2.5395	24.459	2.4693	.56165*	53.682*	2.3708	2.6267	2.6132	66.676*	1.0733	CCV13
153	CCB13	.00016	.00155	.00011	.00054	.00074	.00002	.00116*	.00013	.03318	-.00087	CCB13
154	IPI095WB	.00023	.00429	.00012	-.00031	.00830	.00028	.00015	.00064	.00883	-.00132	IPI095WB
155	IPI095WL	.52549	5.3528	.51495	-.00119*	45.844	.49780	.51701	.53769	56.609	.55637	IPI095WL
156	IPI095WC	.48079	4.9195	.47875	-.00135*	43.696	.45900	.48609	.49785	53.345	.51262	IPI095WC
157	TXI008SB	.00002	.00346	.00034	.00046	.08892	.00011	.00065	.00096	.22322*	.00153	TXI008SB
158	I785-01A	.45344	4.2088	.40930	-.00017	41.334	.62927	.41520	.40917	53.430	.48024	I785-01A
159	I785-01	.02809	.02259	.00127	.00050	7.2070	.31384	.00405	.00634	9.7153	.00263	I785-01
160	I785-01J	.00589	.00672	.00037	-.00034	1.4997	.06511	.00093	.00160	1.9185	.00006	I785-01J
161	I785-01M	.54596	5.1266	.49610	-.00061	54.840	.78783	.54574	.52870	71.156	.57758	I785-01M
162	I785-01S	.55675	5.0520	.50564	-.00058	54.340	.83434	.55677	.53951	70.973	.58875	I785-01S
163	I518-02	.08966	.30919	.00496	.00517	1.3036	.02037	.00080	.03406	2.2008	.00185	I518-02
164	CCV14	2.5833	24.603	2.4585	.56800*	53.110*	2.3763	2.6271	2.6082	67.783*	1.0865	CCV14
165	CCB14	.00030	.00302	.00026	.00071	.00067	.00007	.00115*	.00009	.06201	-.00108	CCB14
166	H209-02	.04515	.01129	.01482	-.00037	2.8297	.80745	.00090	.01174	2.9184	.00150	H209-02
167	I785-01A	.52271	5.1373	.51226	-.00028	48.350	.54524	.53104	.50494	60.068	.54686	I785-01A
168	I785-01T	.00571	.00895	.00039	-.00019	1.4427	.06249	.00115	.00183	1.8317	.00088	I785-01T

169	I785-01J	.00116	.00146	.00039	.00008	.30569	.01306	.00027	.00035	.39453	.00027	I785-01J
170	ICSA3	.00243	182.93	-.00169	-.00724	175.40	.00580	-.00171	-.00004	.06728	-.00292	ICSA3
171	ICSAB3	.51364	179.43	.90919	1.1612	173.88	.44020	1.0327	.98310	86.289	1.0525	ICSAB3
172	CCV15	2.5768	24.641	2.4582	.56578*	53.145*	2.3617	2.6263	2.6115	67.499*	1.0860	CCV15
173	CCB15	.00011	.00120	.00046	.00043	.00526	.00010	.00126*	.00007	.07145	-.00038	CCB15
174	IPI092SB	.00022	.00953	.00030	-.00050	.00942	.00020	.00023	.00038	.03549	-.00092	IPI092SB
175	IPI092SL	.43992	4.4171	.44585	-.00056*	39.872*	.42087	.49129	.47597	48.737	.44756	IPI092SL
176	IPI092SC	.48938	4.9124	.49443	-.00058*	43.833	.46703	.54031	.52884	53.754	.49940	IPI092SC
177	I222-05A	.59639	22.199	.81021	.00489	46.728	.68822	.55553	.55924	58.813	.54564	I222-05A
178	I222-05	.05613	17.564	.29340	.00572	2.0790	.19152	.00947	.03087	3.0936	.00133	I222-05
179	I222-05J	.01110	3.5557	.05868	.00102	.41578	.03830	.00178	.00604	.63198	-.00026	I222-05J
180	I222-05M	.55772	22.387	.76156	.00521	46.851	.72434	.54776	.55778	57.503	.49415	I222-05M
181	I222-05S	.56042	24.673	.75508	.00543	46.943	.66414	.54280	.55758	57.726	.49422	I222-05S
182	I384-01	.07125	289.06	1.5963	.05081	14.713	2.5485	.00568	.07840	17.596	.00242	I384-01
183	I384-02	.03244	331.69	.09686	.02216	10.042	.84784	.00457	.05568	10.641	.00268	I384-02
184	CCV16	2.5545	24.711	2.4558	.56484*	53.773*	2.3560	2.6139	2.6029	67.278*	1.0741	CCV16
185	CCB16	.00009	.00271	.00045	.00037	.00088	.00020	.00144*	.00014	.03749	-.00012	CCB16
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

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INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID
1	Blank	.00011	.00063	-.00003	-.00024	.00001	-.00001	-.00022	.00075	Blank
2	S20									S20
3	S21									S21
4	S22							.17123		S22
5	S23							1.6675		S23
6	S24		.93714							S24
7	S25		5.5088							S25
8	S26									S26
9	S27									S27
10	S28				.12498					S28
11	S29				1.2028					S29
12	S30	.04808		.12639		.02479	.01454		.59128	S30
13	S31	.23828		.62195		.12093	.07247		5.7179	S31
14	ICV	.49510	62.311	.48585	2.3997	.50324	.49778	1.4811	2.6681	ICV
15	ICB	-.00002	.02181	-.00002	.00093	.00019	.00073	.00004	.00194	ICB
16	MRLI3101	.01043	1.0633	.01049	.01107	.00116	.01072	.01066	.01231*	MRLI3101
17	MRLI3102	.00940	.53531	.01043	.01031	.01024	.01012	.01022	.01094*	MRLI3102
18	ZZZZ	.00017	.06754	.00061	-.00177	.00170	.00119	-.00039	.00125	ZZZZ
19	ICSA1	.00005	.06784	.00054	-.00158	.00154	.00138	-.00046	.00195	ICSA1
20	ICSAB1	1.0657	82.884	.48583	.87844	.96184	.96334	.48270	1.0447	ICSAB1
21	CCV1	.49630	62.563	.48759	2.4000	.50274	.49724	1.4854	2.6827	CCV1
22	CCB1	.00005	.02420	.00004	.00080	.00020	.00079	-.00004	.00275	CCB1
23	I176-02I	-.00008	268.35	.12608	.00005	.00094	.00100	.00076	.00801	I176-02I
24	I176-04I	-.00007	372.02	.09415	-.00030	.00012	.00095	.00012	.00336	I176-04I
25	I176-06I	-.00002	215.04	.08986	-.00027	-.00006	.00071	.00060	.00192	I176-06I
26	I176-08W	-.00003	113.13	.07647	-.00001	.00063	.02766	.00843	.02727	I176-08W
27	I176-10I	-.00008	149.52	.07230	-.00041	.00028	.00011	.00282	.00154	I176-10I
28	I176-12I	.00000	222.19	.04360	-.00044	.00035	.00056	-.00004	.00334	I176-12I
29	I176-14W	.00001	371.67	.12562	-.00060	.00801	.06265	.00899	.01257	I176-14W
30	I176-16I	-.00006	260.07	.03366	-.00025	-.00006	.00076	.00022	.00407	I176-16I
31	I176-18I	-.00002	268.66	.03473	-.00066	.00023	.00069	.00044	.00514	I176-18I
32	CCV2	.50670	63.655	.49498	2.4254	.50156	.49216	1.4891	2.6357	CCV2
33	CCB2	-.00008	.08929	.00001	.00071	-.00013	.00072	.00008	.00167	CCB2
34	IPI093WB	.00007	.05589	.00007	.00104	-.00032	.00026	.00011	.00264	IPI093WB
35	IPI093WL	.53411	54.387	.48512	.52569	.50628	.51177	.52857	.57164	IPI093WL
36	IPI093WC	.51271	52.563	.46688	.49910	.48849	.49480	.49826	.53058	IPI093WC
37	I194-01A	.53171	161.61	1.0404	.54113	.53126	.53423	.54947	.62250	I194-01A
38	I194-01	-.00016	103.31	.51739	-.00014	.00233	.00334	.00757	.03557	I194-01
39	I194-01J	-.00015	20.998	.10718	-.00011	.00032	.00139	.00153	.00731	I194-01J
40	I194-02	-.00015	106.04	.53908	-.00058	.00017	.00355	.00934	.00363	I194-02
41	I194-03	-.00011	136.15	.51877	-.00036	.00024	.00392	.01010	.01303	I194-03
42	I194-04	-.00021	103.46	.46808	-.00083	.00004	.00323	.01085	.00876	I194-04
43	I177-01T	-.00019	798.34*	.10391	-.00456	.00115	.00816	.00341	.01843	I177-01T
44	CCV3	.50012	63.737	.49513	2.4502	.50260	.49359	1.4704	2.6216	CCV3
45	CCB3	-.00006	.12289*	.00001	.00076	.00007	.00050	.00001	.00148	CCB3
46	I284-03T	.00019	227.00	.18043	.00679	-.00051	.00639	.00134	-.00855	I284-03T
47	I284-04T	.00016	218.28	.17493	.00567	-.00011	.00418	.00070	-.00733	I284-04T
48	I284-05T	.00043	228.79	.16073	.00742	-.00018	.00990	.00245	-.00392	I284-05T
49	I284-07T	.00018	207.97	.14467	.00495	.00038	.00676	.00143	-.00088	I284-07T
50	I284-03	.00147	1004.3*	.87122	.03928	-.00214	.02055	.00631	-.05311*	I284-03
51	I284-04	.00134	1094.6*	.98484	.03922	-.00261	.02086	.00521	-.04901*	I284-04
52	I284-05	.00163	1077.3*	.81426	.04532	-.00323	.02331	.00849	-.06375*	I284-05
53	I284-07	.00129	1004.9*	.75380	.03136	-.00251	.01718	.00599	-.04317*	I284-07
54	CCV4	.51233	64.828	.49944	2.4360	.49866	.48987	1.4984	2.6483	CCV4

55	CCB4	-.00008	.25270*	-.00004	.00042	.00038	.00029	-.00005	.00127	CCB4
56	IPI094WB	.00008	.16821*	.00002	.00111	-.00032	.00022	.00004	.00223	IPI094WB
57	IPI094WL	.52927	54.818	.48892	.52791	.50589	.51234	.52472	.57079	IPI094WL
58	IPI094WC	.51295	52.510	.46447	.49031	.47601	.48487	.49544	.52303	IPI094WC
59	I246-02A	.54172	169.18	1.5721	.52849	.50382	.50812	.54229	.57757	I246-02A
60	I246-02	-.00014	115.68	1.1027	.00040	.00151	.00339	-.00022	.00494	I246-02
61	I246-02J	-.00009	23.062	.22105	-.00001	.00102	.00135	-.00016	.00135	I246-02J
62	I246-02M	.55158	174.17	1.5986	.48079	.50677	.50712	.51559	.54117	I246-02M
63	I246-02S	.56671	173.67	1.6127	.50683	.53500	.53794	.53081	.56265	I246-02S
64	I246-03	-.00012	122.80	1.9995	.00018	.00215	.00419	-.00027	.00351	I246-03
65	I246-04	-.00011	122.96	2.0054	.00074	.00028	.00401	-.00034	.00979	I246-04
66	CCV5	.51691	64.784	.50090	2.4390	.49866	.48812	1.5041	2.6294	CCV5
67	CCB5	-.00015	.12771*	-.00003	.00049	.00006	.00030	.00002	.00141	CCB5
68	I246-05	-.00028	440.06	3.9079	-.00015	-.00039	.00174	-.00038	.00446	I246-05
69	I246-06	-.00043	451.84	4.5607	-.00059	.00001	-.00054	-.00051	.00152	I246-06
70	I246-07	-.00025	455.89	4.5721	-.00028	-.00018	-.00069	-.00047	.00328	I246-07
71	I230-01	.00017	15.785	.02336	.00045	-.00012	.00051	.00021	.02559	I230-01
72	I230-02	.00007	8.4790	.11716	.00096	.00115	.00275	.00152	.53821	I230-02
73	I230-03	.00001	8.3303	.02005	.00062	-.00025	.00028	.00028	.01380	I230-03
74	I230-04	.00013	8.4166	.11701	.00103	.00157	.00272	.00132	.53500	I230-04
75	I230-05	.00003	.10408	.00017	-.00032	.04438	.00014	.00001	.00984	I230-05
76	CCV6	.50164	64.468	.49811	2.4502	.50302	.49090	1.4756	2.6214	CCV6
77	CCB6	-.00001	.14000*	-.00001	.00042	.00007	.00011	-.00003	.00144	CCB6
78	I230-01	.00018	15.190	.02202	.00111	.00036	.00053	.00026	.02334	I230-01
79	I230-02	.00028	8.2351	.11435	.00098	.00151	.00161	.00014	.52423	I230-02
80	I230-03	-.00007	8.0800	.01863	.00034	-.00008	.00040	-.00016	.00942	I230-03
81	I230-04	.00023	8.1832	.11391	.00087	.00118	.00159	.00002	.50958	I230-04
82	I230-05	.00007	.09628	.00016	.00020	.00741	.00011	.00019	.00387	I230-05
83	I338-01	.00001	42.751	.63873	-.00058	-.00019	.00262	.00689	.00833	I338-01
84	I188-02	.00003	1.2914	.00128	.00014	.00010	.00027	.00007	.00219	I188-02
85	I509-01A	.48989	100.48	.48710	.52879	.51391	.50676	.53703	.61281	I509-01A
86	I509-01I	-.00009	45.875	.00041	-.01311*	.00405	.00050	.00098	.01811	I509-01I
87	I509-01J	-.00006	9.4871	.00008	-.00316	.00072	.00012	.00008	.00358	I509-01J
88	CCV7	.51071	64.964	.50002	2.4482	.50019	.48877	1.4895	2.6161	CCV7
89	CCB7	-.00009	.08103	.00003	.00084	-.00011	.00035	-.00001	.00129	CCB7
90	IPI097WB	.00017	.03189	.00004	.00097	-.00019	.00008	.00002	.00050	IPI097WB
91	IPI097WL	.56206	54.832	.48948	.54951	.49397	.50224	.54791	.57171	IPI097WL
92	IPI097WC	.55012	57.014	.51833	.53260	.53143	.53227	.54059	.56177	IPI097WC
93	I245-05A	.55350	283.86	1.2117	.52550	.51019	.50976	.56971	.59754	I245-05A
94	I245-05	.00025	230.86	.73027	-.00006	.00218	.00321	.02188	.02187	I245-05
95	I245-05J	-.00009	45.768	.14537	-.00048	.00074	.00105	.00410	.00430	I245-05J
96	I245-05M	.56505	274.04	1.2221	.49817	.53280	.53280	.54036	.56436	I245-05M
97	I245-05S	.56211	279.90	1.2352	.49471	.53119	.52992	.54148	.56763	I245-05S
98	I245-01	-.00002	147.88	.28052	-.00010	.00250	.00275	.02247	.00089	I245-01
99	I245-02	-.00006	145.10	.27023	-.00022	.00043	.00199	.02294	.00168	I245-02
100	CCV8	.51106	65.102	.50160	2.4495	.49973	.48885	1.4941	2.6353	CCV8
101	CCB8	-.00006	.12246*	.00002	-.00004	-.00004	.00056	-.00012	.00138	CCB8
102	I245-03	.00003	209.97	.32257	-.00030	.00032	.00243	.02243	.01172	I245-03
103	I245-04	-.00008	227.45	.37091	.00007	.00029	.00232	.02175	.00663	I245-04
104	I270-02	-.00002	482.55	.85479	-.00099	-.00013	.00346	.05088	.00423	I270-02
105	I270-03	-.00027	853.62*	2.7719	-.00117	-.00033	.00056	.02443	.00271	I270-03
106	I270-04	-.00015	828.98*	1.8705	-.00019	.00028	.00371	.02926	.00922	I270-04
107	I270-05	.00001	787.37*	1.5884	.00018	.00024	.00404	.03671	.01119	I270-05
108	I270-07	-.00005	538.59*	.63711	-.00053	-.00004	.00375	.01773	.00535	I270-07
109	I270-08	-.00007	723.94*	1.2547	-.00086	-.00023	.00369	.04082	.00412	I270-08
110	CCV9	.50450	65.855	.50226	2.4436	.49767	.49068	1.4908	2.6630	CCV9
111	CCB9	.00003	.28601*	.00000	.00023	.00026	.00051	-.00009	.00138	CCB9

112	I255-01	.00019	149.16	.13282	.00060	.00078	.00331	-.00009	.01335	I255-01
113	I255-01M	.54766	195.58	.61878	.50243	.50687	.51022	.52143	.56412	I255-01M
114	I255-01S	.48517	199.06	.63428	.51160	.51299	.52904	.52165	.57181	I255-01S
115	I255-02	.00005	1.4477	.00354	.00068	.00547	.02778	.00380	.00869	I255-02
116	I255-01	.00017	110.72	.09957	.00160	.00103	.00214	-.00008	.01100	I255-01
117	I255-01M	.52001	183.24	.58518	.47628	.47167	.47671	.49429	.54706	I255-01M
118	I255-01S	.57289	201.37	.65477	.51498	.53010	.53495	.54132	.58902	I255-01S
119	I255-02	.00011	1.4648	.00331	.00089	.00273	.00070	.00000	.00868	I255-02
120	CCV10	.49646	65.211	.49702	2.4100	.49569	.48733	1.4840	2.6758	CCV10
121	CCB10	-.00005	.15482*	-.00003	.00104	.00036	.00049	-.00005	-.00033	CCB10
122	I305-02	-.00035	617.61	5.1759	.00026	-.00068	-.00009	-.00037	.00201	I305-02
123	I305-02M	.62389	682.85*	5.8341	.49149	.53854	.53341	.54959	.59429	I305-02M
124	I305-02S	.59489	651.74	5.6033	.48762	.52129	.51717	.52923	.58250	I305-02S
125	I304-03T	.00024	207.06	.20003	.00465	.00035	.00684	.00266	.00336	I304-03T
126	I304-04T	.00021	225.24	.12197	.00680	.00009	.00779	.00294	-.00425	I304-04T
127	I304-03	.00107	1078.1*	1.0774	.02450	-.00225	.01455	.01137	-.02848*	I304-03
128	I304-04	.00157	1032.3*	.58774	.03704	-.00172	.01879	.01345	-.04871*	I304-04
129	ICSA2	.00009	.87082	.00089	-.00215	.00106	.00169	-.00047	.00145	ICSA2
130	ICSAB2	1.0421	86.193	.49696	.89874	.95522	.95053	.47530	1.0469	ICSAB2
131	CCV11	.51212	67.518*	.51567	2.4775	.50404	.49344	1.5342	2.7632*	CCV11
132	CCB11	-.00006	.21101*	-.00005	.00041	.00011	.00041	-.00002	.00013	CCB11
133	IPI098WQ	.00014	.08686	.00004	.00115	-.00059	.00018	-.00010	.00072	IPI098WQ
134	IPI098WX	.54773	55.927	.49253	.54655	.49800	.50490	.55551	.60235*	IPI098WX
135	IPI098WY	.52232	57.039	.51519	.52963	.53221	.53304	.53425	.58292	IPI098WY
136	I487-13A	.68658	380.66	.55855	.67886	.80960	.51180	.71768	1.3729	I487-13A
137	I487-13W	.00016	340.22	.06428	-.00581*	.30674	.00314	.00048	.57764	I487-13W
138	I487-13J	-.00001	68.981	.01254	-.00086	.05995	.00034	.00000	.12143	I487-13J
139	I487-07A	.55363	56.797	3.1307	.50240	.52873	13.145	.67746	4.5460	I487-07A
140	I487-07W	.00498	.69227	2.6599	-.00933*	.03764	12.802	.07991	3.9848	I487-07W
141	I487-07J	.00095	.18878	.52740	-.00214	.00742	2.5278	.01447	.76517	I487-07J
142	CCV12	.51803	68.167*	.51906	2.4900	.50392	.49435	1.5424	2.7673*	CCV12
143	CCB12	-.00001	.08761	.00006	.00044	.00010	.00133	-.00009	.00235	CCB12
144	I487-05T	.00119	4.1157	.03899	-.00080	.01987	.10405	.00739	.46333	I487-05T
145	I487-07T	.00077	.17905	.55189	-.00176	.00736	2.6271	.01515	.80299	I487-07T
146	I487-37T	.00003	.76338	.00245	-.00108	.00682	.01410	.00070	.09428	I487-37T
147	I487-18T	.00335	.92171	.13100	.00020	.43863	.03994	.00113	3.2196	I487-18T
148	I487-34T	.00073	.98500	.04884	-.00055	.04472	.19340	.00769	.64275	I487-34T
149	I144-05T	-.00001	1.8581	.28291	-.00032	.02856	.08243	.00161	.00748	I144-05T
150	I144-10T	.00048	2.3176	.01091	-.00037	.00722	.08884	.10040	.00842	I144-10T
151	I144-11T	.00046	2.3825	.01079	.00021	.00746	.09316	.10221	.00803	I144-11T
152	CCV13	.50654	67.895*	.51490	2.4834	.50299	.49438	1.5220	2.7729*	CCV13
153	CCB13	-.00003	.04167	-.00001	.00097	.00035	.00062	.00000	.00121	CCB13
154	IPI095WB	.00004	.03888	.00010	.00109	-.00020	.00007	.00013	.00243	IPI095WB
155	IPI095WL	.54109	57.746	.49919	.52422	.49523	.49797	.54119	.59062	IPI095WL
156	IPI095WC	.50003	54.287	.46849	.48637	.46950	.47355	.49404	.53810	IPI095WC
157	TXI008SB	.00002	330.80*	.00434*	-.00062	.00069	.00051	.00020	.00083	TXI008SB
158	I785-01A	.41773	289.84	.45502	.40384	.38510	.38955	.43069	.65665	I785-01A
159	I785-01	.00013	314.79	.09113	-.00058	.00070	.00304	.00120	.24254	I785-01
160	I785-01J	-.00001	65.953	.01867	.00028	.00031	.00054	.00030	.04917	I785-01J
161	I785-01M	.54149	379.88	.60194	.48754	.50850	.51340	.51981	.81766	I785-01M
162	I785-01S	.54514	414.13	.61823	.49580	.51305	.51961	.52048	.85891	I785-01S
163	I518-02	.00003	310.89	.08755	-.00144	.00172	.00157	.00013	5.4556	I518-02
164	CCV14	.51875	68.927*	.52105	2.4939	.50052	.49080	1.5372	2.7633*	CCV14
165	CCB14	.00010	.16115*	.00004	.00093	-.00002	.00068	-.00005	.00085	CCB14
166	H209-02	.00000	331.13	.36025	-.00109	.00024	.00377	.00093	.48697	H209-02
167	I785-01A	.48637	123.11	.51145	.51622	.49876	.50254	.52258	.62461	I785-01A
168	I785-01T	.00005	63.087	.01805	.00047	.00032	.00087	.00073	.04762	I785-01T

169	I785-01J	-.00001	13.238	.00369	.00001	.00011	-.00001	.00012	.00980	I785-01J
170	ICSA3	.00100	.27277	.00101	-.00204	.00170	.00362	-.00079	.00191	ICSA3
171	ICSAB3	1.0549	87.898	.50274	.90558	.94116	.93998	.47580	1.0437	ICSAB3
172	CCV15	.51765	68.492*	.51975	2.4918	.50034	.49211	1.5390	2.7614*	CCV15
173	CCB15	.00000	.11495*	-.00006	.00116	-.00022	.00065	-.00011	.00028	CCB15
174	IPI092SB	.00015	.06533	.00008	.00113	.00456	-.00008	.00006	.00211	IPI092SB
175	IPI092SL	.43595	49.931	.44397	.44784	.47279	.44980	.45444	.50846	IPI092SL
176	IPI092SC	.48415	55.113	.48784	.49789	.51361	.49631	.50359	.56642	IPI092SC
177	I222-05A	.49986	57.327	.56372	.53627	.54192	.85262	.57859	9.0768	I222-05A
178	I222-05	-.00008	.40755	.06762	-.00074	.04331	.35318	.02643	8.4642	I222-05
179	I222-05J	-.00004	.12990	.01346	-.00029	.00865	.07392	.00525	1.6650	I222-05J
180	I222-05M	.48365	56.368	.54111	.49117	.52415	.76633	.53150	9.5109	I222-05M
181	I222-05S	.47886	56.419	.53674	.49451	.52138	.74835	.52460	9.4373	I222-05S
182	I384-01	.00169	2.3707	.14023	-.00124	.04244	6.1465	.90836	.33924	I384-01
183	I384-02	.00181	2.0957	.04975	-.00283	.04183	6.8601	1.3718	.11958	I384-02
184	CCV16	.51532	68.354*	.51562	2.4801	.50340	.49546	1.5390	2.7609*	CCV16
185	CCB16	.00000	.03334	-.00001	.00086	.00025	.00185	.00014	.00023	CCB16
INDX	LSID	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	LSID

ID8I031 Section 3 of 3

7943

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (~1 ml)	pH	Extract Volume (ml)
01	IPI097-WB	50	–	50
02	-WL	50	–	50
03	-WC	50	–	50
04	I270-02	50	<2	50
05	-03	50	<2	50
06	-04	50	<2	50
07	-05	50	<2	50
08	-07	50	<2	50
09	-08	50	<2	50
10	I245-01	50	<2	50
11	-02	50	<2	50
12	-03	50	<2	50
13	-04	50	<2	50
14	-05	50	<2	50
15	-05M	50	<2	50
16	-05S	50	<2	50
17	I255-01 TOTAL	50	<2	50
18	-01M	50	<2	50
19	-01S	50	<2	50
20	-02	50	<2	50
21	I255-01 DISS	50	<2	50
22	-01M	50	<2	50
23	-01S	50	<2	50
24	-02	50	<2	50
25	I305-02	50	<2	50
26	-02M	50	<2	50
27	-02S	50	<2	50
28	I304-03 TOTAL	50	<2	50
29	-04	50	<2	50
30	-03 DISS	50	<2	50
31	-04	50	<2	50
32				
33				
34				
35				
36				
37				
38				
39				
40				

9-29-10 mc

Book#: EIP-092
Batch: IPI097-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☒ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	9-29-10	10:30	90 °c
END	9-29-10	14:30	90 °c

Standards	ID	Amount Added (ml)
LCS-1	SMIA-013-01-28	0.25
LCS-2	↓ - ↓ -29	0.25
LCS-3	↓ ↓ - ↓ -30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SWIA-04-253	1.5+1.5
HCl	↓ ↓ - 253	2.5+2.5
H_2O_2	N/A 221	
HNO3(1:1)	↓ mc 9/29/10	
Digestate Location	ICP	
Extract Location		

Comments:

☐ Reagent Water ID: SMSA 02-052

☒ HNO_3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☒ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Digestion Block E
Thermometer ID 80530622

Prepared By: mc

Standard Added By: mc Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 9/29/1

Date endorsed to waste Disposal

Accepted By:

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I305

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 300.0
ANIONS BY IC

A total of two (2) water samples were received on 09/21/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI057WL/C were all within QC limits.
Percent recoveries for ICI059WL/C were all within QC limits.
Percent recoveries for ICI061WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries were out of project QC limits and were qualified with [*] in I305-02 M/S summary form for Nitrite-N, most likely due to matrix interference. Check QC summary form for details.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Both samples were reported from DF5 due to interference from high Chloride level.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10:305

Matrix : WATER
Instrument ID : 110C

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLS	NDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1059WB	ND	1	NA	0.500	0.250	09/21/1021:05	NA	A127-36	A127-34	IC1059W	NA	NA
LCS1W	IC1059WL	5.01	1	NA	0.500	0.250	09/21/1021:21	NA	A127-37	A127-34	IC1059W	NA	NA
LCD1W	IC1059WC	5.01	1	NA	0.500	0.250	09/21/1021:38	NA	A127-38	A127-34	IC1059W	NA	NA
IW-70-SSB109-A10	I305-01	11.9	10	NA	5.00	2.50	09/21/1022:58	NA	A127-43	A127-34	IC1059W	09/20/1010:30	09/21/10
MW-70-PMW14A-A10	I305-02	7.62	5	NA	2.50	1.25	09/22/1000:19	NA	A127-48	A127-46	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	I305-02D	7.33	5	NA	2.50	1.25	09/22/1003:35	NA	A127-49	A127-46	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	I305-02M	32.9	5	NA	2.50	1.25	09/22/1003:52	NA	A127-50	A127-46	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	I305-02S	33.1	5	NA	2.50	1.25	09/22/1001:08	NA	A127-51	A127-46	IC1059W	09/20/1011:40	09/21/10

METHOD 300.0
CHLORIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : C100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1061WB	ND	1	NA	0.200	0.100	09/22/1008:29	NA	A129-03	A129-01	IC1061W	NA	NA
LCS1W	IC1061WL	4.88	1	NA	0.200	0.100	09/22/1008:45	NA	A129-04	A129-01	IC1061W	NA	NA
LCD1W	IC1061WC	4.87	1	NA	0.200	0.100	09/22/1009:01	NA	A129-05	A129-01	IC1061W	NA	NA
IW-70-SS8109-A10	1305-01	4330	500	NA	100	50.0	09/22/1014:46	NA	A129-22	A129-13	IC1061W	09/20/1010:30	09/21/10
MW-70-PMW14A-A10	1305-02	1890	200	NA	40.0	20.0	09/22/1015:34	NA	A129-25	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	1880	200	NA	40.0	20.0	09/22/1015:51	NA	A129-26	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	1305-02M	2790	200	NA	40.0	20.0	09/22/1016:07	NA	A129-27	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	1305-02S	2800	200	NA	40.0	20.0	09/22/1016:23	NA	A129-28	A129-23	IC1061W	09/20/1011:40	09/21/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1057W8	ND	1	NA	0.200	0.0500	09/21/1012:01	NA	A127-03	A127-01	IC1057W	NA	NA
LCS1W	IC1057WL	1.88	1	NA	0.200	0.0500	09/21/1012:17	NA	A127-04	A127-01	IC1057W	NA	NA
LCD1W	IC1057WC	1.89	1	NA	0.200	0.0500	09/21/1012:33	NA	A127-05	A127-01	IC1057W	NA	NA
IW-70-SSB109-A10	1305-01	0.0537J	1	NA	0.200	0.0500	09/21/1018:45	NA	A127-28	A127-25	IC1057W	09/20/1010:30	09/21/10
MBLK2W	IC1059W8	ND	1	NA	0.200	0.0500	09/21/1021:05	NA	A127-36	A127-34	IC1059W	NA	NA
LCS2W	IC1059WL	1.88	1	NA	0.200	0.0500	09/21/1021:21	NA	A127-37	A127-34	IC1059W	NA	NA
LCD2W	IC1059WC	1.89	1	NA	0.200	0.0500	09/21/1021:38	NA	A127-38	A127-34	IC1059W	NA	NA
MW-70-PMW14A-A10	1305-02	ND	1	NA	0.200	0.0500	09/21/1021:54	NA	A127-39	A127-34	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	ND	1	NA	0.200	0.0500	09/21/1022:10	NA	A127-40	A127-34	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	1305-02M	1.91	1	NA	0.200	0.0500	09/21/1022:26	NA	A127-41	A127-34	IC1059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	1305-02S	1.91	1	NA	0.200	0.0500	09/21/1022:42	NA	A127-42	A127-34	IC1059W	09/20/1011:40	09/21/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 100305

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	100059WB	ND	1	NA	0.200	0.0500	09/21/1021:05	NA	A127-36	A127-34	100059W	NA	NA
LCS1W	100059WL	2.00	1	NA	0.200	0.0500	09/21/1021:21	NA	A127-37	A127-34	100059W	NA	NA
LCD1W	100059WC	2.01	1	NA	0.200	0.0500	09/21/1021:38	NA	A127-38	A127-34	100059W	NA	NA
MW-70-PMW14A-A10	1305-02	ND	5	NA	1.00	0.250	09/22/1000:19	NA	A127-48	A127-46	100059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	ND	5	NA	1.00	0.250	09/22/1000:35	NA	A127-49	A127-46	100059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	1305-02M	13.3	5	NA	1.00	0.250	09/22/1000:52	NA	A127-50	A127-46	100059W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	1305-02S	13.2	5	NA	1.00	0.250	09/22/1001:08	NA	A127-51	A127-46	100059W	09/20/1011:40	09/21/10
MBLK2W	101061WB	ND	1	NA	0.200	0.0500	09/22/1008:29	NA	A129-03	A129-01	101061W	NA	NA
LCS2W	101061WL	2.00	1	NA	0.200	0.0500	09/22/1008:45	NA	A129-04	A129-01	101061W	NA	NA
LCD2W	101061WC	2.00	1	NA	0.200	0.0500	09/22/1009:01	NA	A129-05	A129-01	101061W	NA	NA
IW-70-SSB109-A10	1305-01	ND	5	NA	1.00	0.250	09/22/1009:17	NA	A129-06	A129-01	101061W	09/20/1010:30	09/21/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, CR SITE 7C.
Batch No. : 101305

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1057WB	ND	1	NA	0.500	0.250	09/21/1012:01	NA	A127-03	A127-01	IC1057W	NA	NA
LCS1W	IC1057WL	4.75	1	NA	0.500	0.250	09/21/1012:17	NA	A127-04	A127-01	IC1057W	NA	NA
LCD1W	IC1057WC	4.76	1	NA	0.500	0.250	09/21/1012:33	NA	A127-05	A127-01	IC1057W	NA	NA
IW-70-SS8139-A10	1305-01	0.499J	1	NA	0.500	0.250	09/21/1018:45	NA	A127-28	A127-25	IC1057W	09/20/1010:30	09/21/10
MBLK2W	IC1061WB	ND	1	NA	0.500	0.250	09/22/1008:29	NA	A129-03	A129-01	IC1061W	NA	NA
LCS2W	IC1061WL	4.74	1	NA	0.500	0.250	09/22/1008:45	NA	A129-04	A129-01	IC1061W	NA	NA
LCD2W	IC1061WC	4.73	1	NA	0.500	0.250	09/22/1009:01	NA	A129-05	A129-01	IC1061W	NA	NA
MW-70-PMW14A-A10	1305-02	435	200	NA	100	50.0	09/22/1015:34	NA	A129-25	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	437	200	NA	100	50.0	09/22/1015:51	NA	A129-26	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	1305-02M	1360	200	NA	100	50.0	09/22/1016:07	NA	A129-27	A129-23	IC1061W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	1305-02S	1360	200	NA	100	50.0	09/22/1016:23	NA	A129-28	A129-23	IC1061W	09/20/1011:40	09/21/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: W&S SEAL BEACH, IR SITE 7C.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: IC1059WB IC1059WC IC1059WC
LAB FILE ID: A127-36 A127-37 A127-38
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/21/1021:35 09/21/1021:21 09/21/1021:38 DATE RECEIVED: NA
PREP. BATCH: IC1059W IC1059W IC1059W
CALIB. REF: A127-34 A127-34 A127-34

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	5.01	100	5.00	5.01	100	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 5 5 5
SAMPLE ID: MW-70-PMW14A-A10
LAB SAMP ID: I305-02 I305-02M I305-02S
LAB FILE ID: A127-48 A127-50 A127-51
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1000:19 09/22/1000:52 09/22/1001:08 DATE RECEIVED: 09/21/10
PREP. BATCH: IC1059W IC1059W IC1059W
CALIB. REF: A127-46 A127-46 A127-46

ACCESSION:

PARAMETER	SMP. RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	7.62	25.0	32.9	101	25.0	33.1	102	0	80-120	20

ENAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 5 5
SAMPLE ID: MW-70-PMW14A-A13
ENAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: A127-48 A127-49
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1000:19 09/22/1000:35 DATE RECEIVED: 09/21/10
PREP. BATCH: 101059W 101059W
CALIB. REF: A127-46 A127-46

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Bromide	7.62	7.33	4	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1061WB IC1061WC IC1061WD
LAB FILE ID: AI29-03 AI29-04 AI29-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1008:29 09/22/1008:45 09/22/1009:01 DATE RECEIVED: NA
PREP. BATCH: IC1061W IC1061W IC1061W
CALIB. REF: AI29-01 AI29-01 AI29-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.88	98	5.00	4.87	97	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 200 200 200
SAMPLE ID: MW-70-PMW14A-A10
LAB SAMP ID: 1305-02 1305-02M 1305-02S
LAB FILE ID: A129-25 A129-27 A129-28
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1015:34 09/22/1016:07 09/22/1016:23 DATE RECEIVED: 09/21/10
PREP. BATCH: IC1061W IC1061W IC1061W
CALIB. REF: A129-23 A129-23 A129-23

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	1890	1000	2790	90	1000	2800	90	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101335
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 200 200
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: A129-25 A129-26
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1015:34 09/22/1015:51 DATE RECEIVED: 09/21/10
PREP. BATCH: IC10061W IC10061W
CALIB. REF: A129-23 A129-23

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Chloride-Cl	1893	1880	1	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK'W
LAB SAMP ID: IC1057WB IC1057WL IC1057WC
LAB FILE ID: A127-03 A127-04 A127-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/21/1012:01 09/21/1012:17 09/21/1012:33 DATE RECEIVED: NA
PREP. BATCH: IC1057W IC1057W IC1057W
CALIB. REF: A127-01 A127-01 A127-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.88	94	2.00	1.89	94	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSES

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1059WB IC1059WL IC1059WC
LAB FILE ID: A127-36 A127-37 A127-38
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/21/1021:05 09/21/1021:21 09/21/1021:38 DATE RECEIVED: NA
PREP. BATCH: IC1059W IC1059W IC1059W
CALIB. REF: A127-34 A127-34 A127-34

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.88	94	2.00	1.89	94	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MW-70-PNW14A-A1C
LAB SAMP ID: 1305-02 1305-02M 1305-02S
LAB FILE ID: A127-39 A127-41 A127-42
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/21/1021:54 09/21/1022:26 09/21/1022:42 DATE RECEIVED: 09/21/10
PREP. BATCH: ICI059W ICI059W ICI059W
CALIB. REF: A127-34 A127-34 A127-34

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.91	95	2.00	1.91	95	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: A127-39 A127-40
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 1[illegible]:40
DATE ANALYZED: 09/21/1021:54 09/21/1022:10 DATE RECEIVED: 09/21/10
PREP. BATCH: 101059W 101059W
CALIB. REF: A127-34 A127-34

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrate-N	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	IC1059WB	IC1059WL	IC1059WC		
LAB FILE ID:	A127-36	A127-37	A127-38		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/21/1021:05	09/21/1021:21	09/21/1021:38	DATE RECEIVED:	NA
PREP. BATCH:	IC1059W	IC1059W	IC1059W		
CALIB. REF:	A127-34	A127-34	A127-34		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.00	100	2.00	2.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1061WB IC1061WL IC1061WC
LAB FILE ID: A129-03 A129-04 A129-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1008:29 09/22/1008:45 09/22/1009:01 DATE RECEIVED: NA
PREP. BATCH: IC1061W IC1061W IC1061W
CALIB. REF: A129-01 A129-01 A129-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.00	100	2.00	2.00	100	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1C1305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 5 5 5
SAMPLE ID: MW-70-PMW14A-A10
LAB SAMP ID: 1305-02 1305-02M 1305-02S
LAB FILE ID: A127-48 A127-50 A127-51
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1000:19 09/22/1000:52 09/22/1001:08 DATE RECEIVED: 09/21/10
PREP. BATCH: 1C1059W 1C1059W 1C1059W
CALIB. REF: A127-46 A127-46 A127-46

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	10.0	13.3	133*	10.0	13.2	132*	1	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1013305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 5 5
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: A127-48 A127-49
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1000:19 09/22/1000:35 DATE RECEIVED: 09/21/10
PREP. BATCH: IC1059W IC1059W
CALIB. REF: A127-46 A127-46

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Nitrite-N	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1057WB IC1057WL IC1057WC
LAB FILE ID: A127-03 A127-04 A127-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/21/1012:01 09/21/1012:17 09/21/1012:33 DATE RECEIVED: NA
PREP. BATCH: IC1057W IC1057W IC1057W
CALIB. REF: A127-01 A127-01 A127-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.75	95	5.00	4.76	95	0	90-110	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK2W
LAB SAMP ID: IC1061W8 IC1061WL IC1061WC
LAB FILE ID: A129-03 A129-04 A129-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1008:29 09/22/1008:45 09/22/1009:01 DATE RECEIVED: NA
PREP. BATCH: IC1061W IC1061W IC1061W
CALIB. REF: A129-01 A129-01 A129-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	CC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.74	95	5.00	4.73	95	0	90-110	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	200	200	200		
SAMPLE ID:	MW-70-PMW14A-A10				
LAB SAMP ID:	1305-02	1305-02M	1305-02S		
LAB FILE ID:	A129-25	A129-27	A129-28		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	09/20/10 11:40
DATE ANALYZED:	09/22/1015:34	09/22/1016:07	09/22/1016:23	DATE RECEIVED:	09/21/10
PREP. BATCH:	IC1061W	IC1061W	IC1061W		
CALIB. REF:	A129-23	A129-23	A129-23		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	435	1000	1360	92	1000	1360	93	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 200 200
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: A129-25 A129-26
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1015:34 09/22/1015:51 DATE RECEIVED: 09/21/10
PREP. BATCH: IC1061W IC1061W
CALIB. REF: A129-23 A129-23

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Sulfate	435	437	0	20

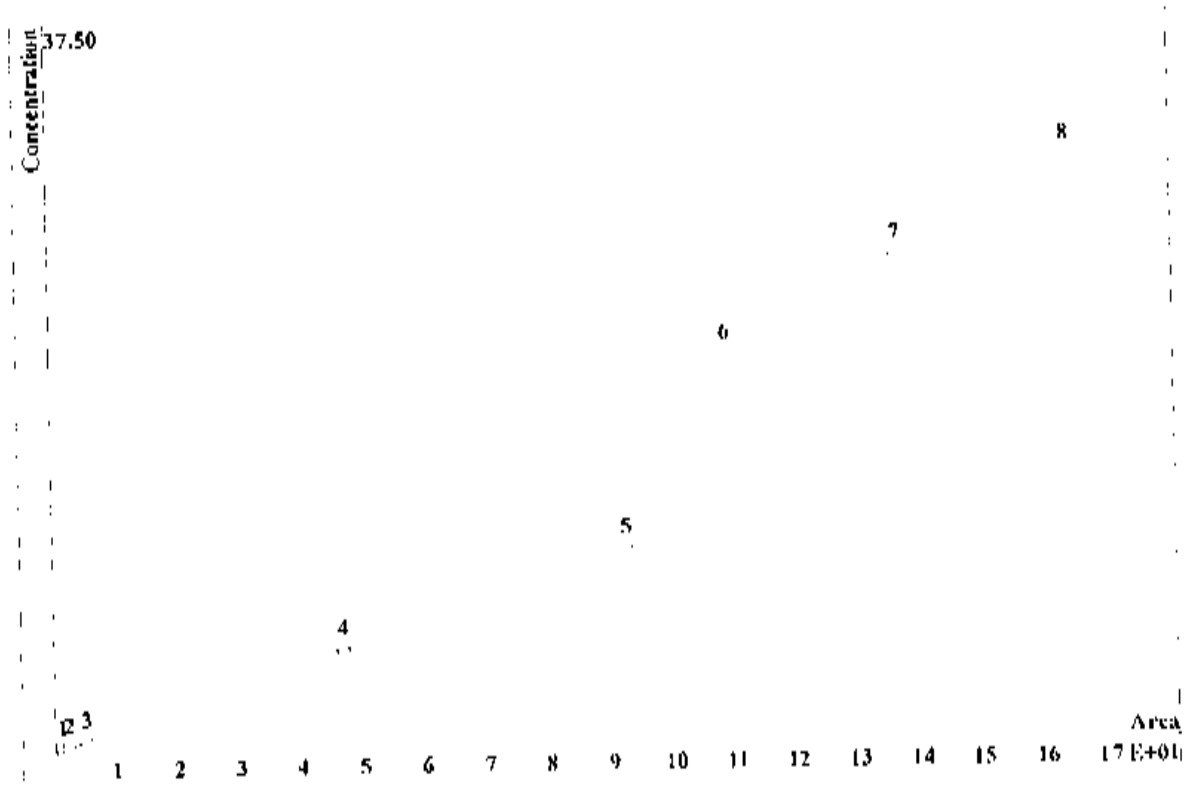
INITIAL CALIBRATION

IC Result Check FormVersion : I01/A101

LFID	LSID	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	sulfate	RawNetID	DF
AI01-01	IB	FCIBNPS	0	0	0	0	0	0	0	u9011506	1
AI01-02	S0	FCIBNPS	0	0	0	0	0	0	0	u9011522	1
AI01-03	S1	FCIBNPS	0.0566427	0.104476	0.0643129	0.0980786	0.0431625	0.120695	0.139318	u9011538	1
AI01-04	S2	FCIBNPS	0.163054	0.20044	0.169521	0.195039	0.142891	0.217759	0.237662	u9011554	1
AI01-05	S3	FCIBNPS	0.488577	0.489737	0.488502	0.490103	0.440234	0.488697	0.525698	u9011610	1
AI01-06	S4	FCIBNPS	5.18977	4.9792	5.1591	5.03262	5.02727	4.94658	4.93293	u9011626	1
AI01-07	S5	FCIBNPS	9.90196	10.0255	9.91856	9.98416	10.1451	10.0263	9.94209	u9011643	1
AI01-08	S6	FCIBNPS	18.29	20.0255	18.3817	11.7608	20.1535	19.9581	19.9782	u9011659	1
AI01-09	S7	FCIBNPS	22.1356	24.9825	22.2135	14.7964	25.0264	24.8267	25.0022	u9011715	1
AI01-10	S8	FCIBNPS	25.7804	29.9926	25.8397	17.768	29.8213	29.7084	30.042	u9011731	1
AI01-11	ICV	FCIBNPS	105%	96.6%	104.1%	95.7%	99.3%	97.3%	96.7%	u9011758	1
AI01-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9011815	1

CALIBRATION OF COMPONENT Bromide

Method: IC100-101.mtw
Equation: Q = 0.108366·A - 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



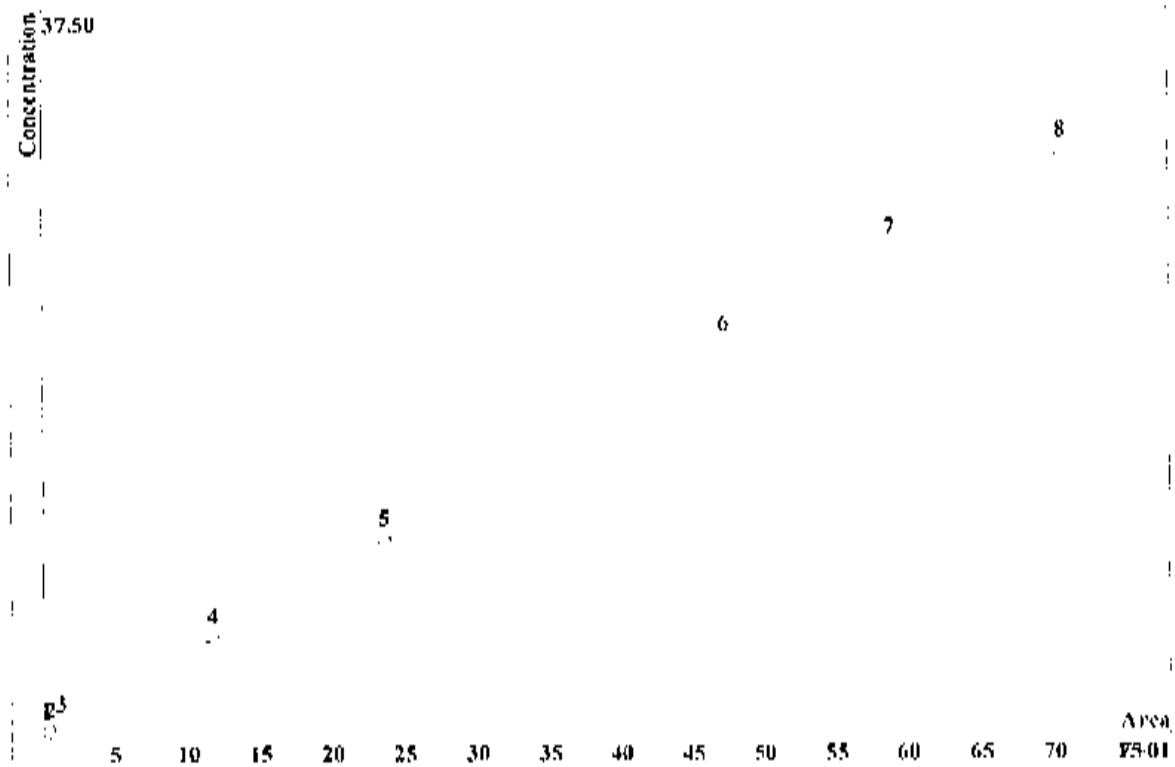
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
1STD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

Qt
9/02/10

CALIBRATION OF COMPONENT chloride

Method: IC100-I01.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



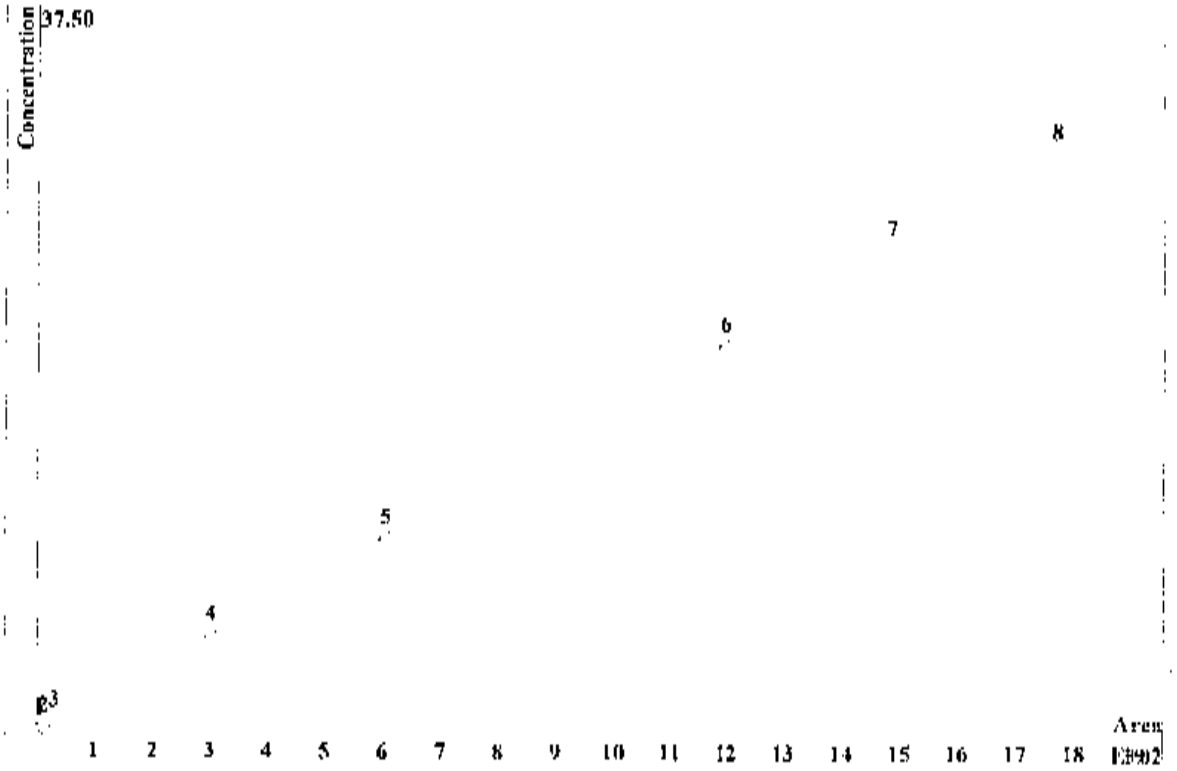
K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

AA
9/01/10

CALIBRATION OF COMPONENT nitrate

Method: IC100-I01.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



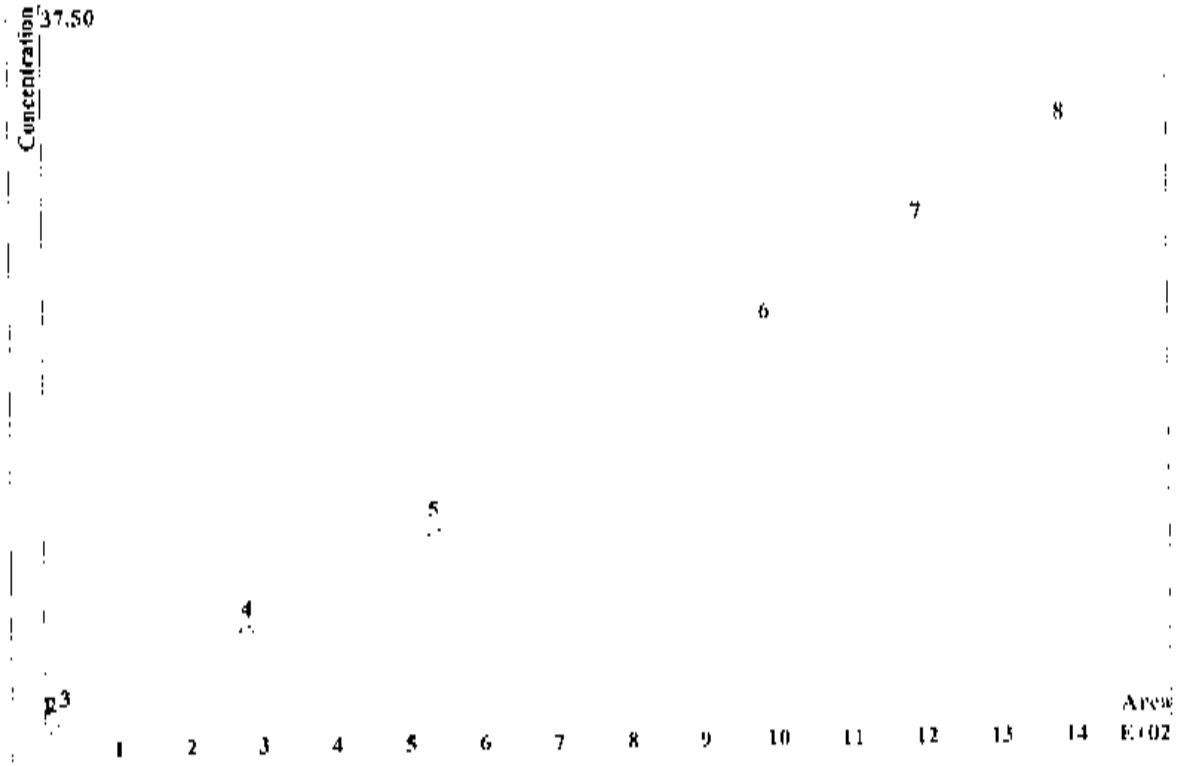
K3 = 0 K2 = 0 K1 = 0.0168581 K0 = -0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

lt
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-T01.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

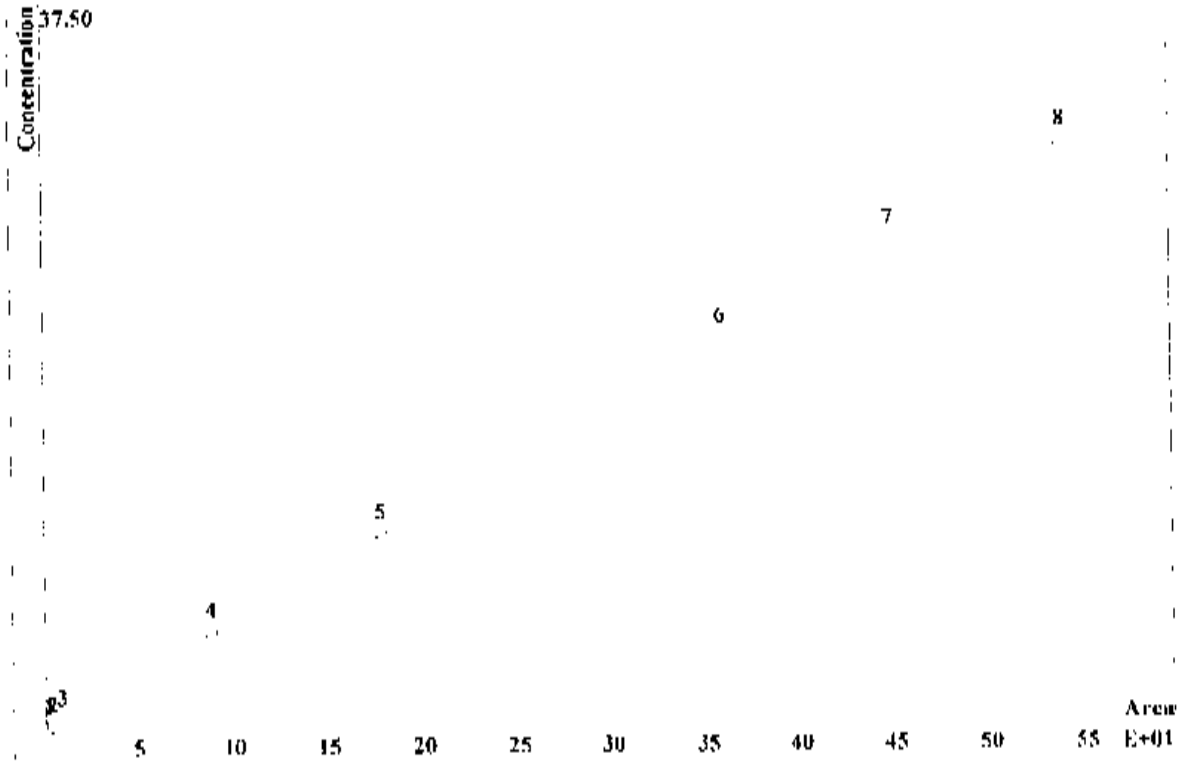
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.87	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

✓

AB
09/02/10

CALIBRATION OF COMPONENT sulfate

Method: IC100-I01.mcw
Equation: Q = 0.0556859*A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3885	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.68	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

AS
9/2/10

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/A101

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
AI01-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
AI01-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.3%	104.1%	97.3%	105%	u9011758	1
AI01-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

9/2/10

DAILY CALIBRATION

IC Result Check FormVersion : I01/A101

LFID	LSID	Selection	sulfate	chloride	phosphate	nitrate	fluoride	nitrite	bromide	RawNetIO	DF
AI27-01	CCV189	SCPNFIB	94.9%	98.4%	101.3%	93%	103.3%	99.4%	101.4%	u9211128	1
AI27-02	CCB189	SCPNFIB	0	0	0	0	0	0	0	u9211145	1
AI27-13	CCV191	SCPNFIB	94.8%	98.2%	99.7%	92.8%	102.6%	99.2%	101.3%	u9211442	1
AI27-14	CCB191	SCPNFIB	0	0	0	0	0	0	0	u9211458	1
AI27-25	CCV193	SCPNFIB	95.2%	98.6%	100.4%	93%	103%	99.4%	101.5%	u9211756	1
AI27-26	CCB193	SCPNFIB	0	0	0	0	0	0	0	u9211812	1
AI27-34	CCV195	SCPNFIB	94.4%	98.6%	102.9%	92.9%	102.7%	99.4%	101.4%	u9212033	1
AI27-35	CCB195	SCPNFIB	0	0	0	0	0	0	0	u9212049	1
AI27-46	CCV197	SCPNFIB	94.6%	99%	105.8%	93.3%	102.9%	99.6%	102.4%	u9212347	1
AI27-47	CCB197	SCPNFIB	0	0	0	0	0	0	0	u9220003	1
AI27-58	CCV199	SCPNFIB	95.5%	98.7%	102.8%	93.1%	102.7%	99.4%	102%	u9220301	1
AI27-59	CCB199	SCPNFIB	0	0	0	0	0	0	0	u9220317	1
AI27-64	CCV201	SCPNFIB	95.6%	98.8%	104.7%	93.4%	103%	99.7%	102.1%	u9220438	1
AI27-65	CCB201	SCPNFIB	0	0	0	0	0	0	0	u9220454	1

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	bromide	chloride	fluoride	nitrite	nitrate	phosphate	sulfate	RawNetID	DF
AI29-01	CCV203	BCFINPS	101.4%	97.7%	102.8%	98.5%	92.8%	104%	94.2%	u9220756	1
AI29-02	CCB203	BCFINPS	0	0	0	0	0	0	0	u9220812	1
AI29-13	CCV205	BCFINPS	101.5%	98.4%	103%	99.1%	92.9%	104.4%	95.6%	u9221209	1
AI29-14	CCB205	BCFINPS	0	0	0	0	0	0	0	u9221225	1
AI29-23	CCV207	BCFINPS	101.2%	98.3%	102.6%	99.1%	93%	103.9%	95%	u9221502	1
AI29-24	CCB207	BCFINPS	0	0	0	0	0	0	0	u9221518	1
AI29-29	CCV209	BCFINPS	101.4%	98.6%	102.9%	99.1%	93.5%	104.2%	95.1%	u9221639	1
AI29-30	CCB209	BCFINPS	0	0	0	0	0	0	0	u9221655	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 5.0 ppm
S5 — 10.0 ppm
S6 — 20.0 ppm
S7 — 25.0 ppm
S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓
Cl^- — 30 ppm
NO_2N — 10 ppm ✓
Br^- — 10 ppm ✓
NO_3N — 30 ppm
PO_4P — 10 ppm ✓
SO_4^{2-} — 30 ppm

IC Eluent:

Stock-01-173 (120mM Na_2CO_3/100mM $NaHCO_3$) 20mL
Stock-01-172 (100mM $NaHCO_3$) 12mL

IC Regenerant

Stock-01-[illegible] (100mM H_2SO_4)

Book #:	A100-025
Instrument No.:	100
Analytical Sequence:	A101
Method File:	IC100-101.mtw
Analytical Batch:	N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-6-2
ICV	SI18-16-6-3
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 4/1/10

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	1		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	2		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	3		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	4		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	5		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	6		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	7		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	8		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-027
Instrument No.:	100
Pipette ID's:	SW3-01-24
	SW8A-02-12
	SW8A-02-13
Balance ID#:	40706360
Analytical Sequence:	AI27
Method File:	IC100 - 340.101.mtw 9/21/16
Analytical Batch:	IC106796 ; IC105996

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI165-15-6-2
ICV	↓ -3
CCV	SI165-15-16-3
LCS	SI165-15-16-1
MS	Refer to Spike Refer to LCS Parent ID

IC Eluent:

SW3-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 ml → 2L

SW3-01-172 (100 mM $NaHCO_3$) 12 ml

IC Regenerant:

SW3-01-160 (1000 mM H_2SO_4)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Analyzed By: JC

Date: 9/21/16

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	[illegible]	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	500.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	10.	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	10	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	10	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	10	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	10	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	10	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	10.	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	10	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	10	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	10	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A100-027

Instrument No.: 100

Pipette ID's: SW3-01-24

SW8A-02-12

SW8A-02-13

Balance ID#: 40706360

Analytical Sequence: AI29

Method File: IC100 - I01.mtw

Analytical Batch: IC1061W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB - 15 - 6 - 2
ICV	↓ -3
CCV	STIB - 15 - 16 - 2
LCS	STIB - 15 - 16 - 3
MS	Acc. Spec. Refer to LCS Prep Log

IC Eluent:

SW4 - 01 - 173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 ml

SW4 - 01 - 172 (100 mM $NaHCO_3$) 12 ml

IC Regenerant:

SW4 - 01 - 170 (1000 mM H_2SO_4)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Analyzed By: JK

Date: 9/22/10

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	IC196-151 [illegible]	4129-01 CCV100	1	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-02 CCB127	2	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-03 IC061W8	3	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-04 IC061W2	4	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-05 IC061W1	5	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-06 I397-67 DF=5	6	1.0	5.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-07 I397-65 DF=2	7	1.0	2.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-08 I397-66 DF=5	8	1.0	5.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-09 I397-63 DF=5	9	1.0	5.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-10 I397-62 DF=5	10	1.0	5.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-11 I397-67	11	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-12 RINSE	12	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-13 CCV200	13	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-14 CCB125	14	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-15 I397-64	15	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-16 I397-52 DF=1.6	16	1.0	500.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-17 I397-54 DF=100	17	1.0	500.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-18 I397-55 DF=1.6	18	1.0	500.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-19 I397-56 DF=1000	19	1.0	1000.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-20 I397-57 DF=200	20	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-21 I397-58 DF=100	21	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-22 I397-59 DF=500	22	1.0	500.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-23 CCV250	23	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-24 CCB250	24	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-25 I361-52 DF=100	25	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-26 I361-52D DF=100	26	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-27 I361-52M DF=100	27	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-28 I361-53S DF=100	28	1.0	200.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-29 CCV100	29	1.0	1.0	1.0	100.0	0		
[illegible]	IC196-151 [illegible]	4129-30 CCB169	30	1.0	1.0	1.0	100.0	0		

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of two (2) water samples were received on 09/21/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI030WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recovery for I305-02M was within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 701305

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1030W9	ND	1	NA	1.00	0.500	09/29/1014:12	NA	H129003	H129001	HC1030W	NA	NA
LCS1W	HC1030WL	20.2	1	NA	1.00	0.500	09/29/1014:33	NA	H129004	H129001	HC1030W	NA	NA
LCD1W	HC1030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	H129005	H129001	HC1030W	NA	NA
IW-70-SS3109-A10	1305-01	15.1	1	NA	1.00	0.500	09/29/1015:17	NA	H129006	H129001	HC1030W	09/20/1010:30	09/21/10
MW-70-PMW14A-A10	1305-02	ND	1	NA	1.00	0.500	09/29/1016:23	NA	H129007	H129001	HC1030W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	ND	1	NA	1.00	0.500	09/29/1017:29	NA	H129008	H129001	HC1030W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	1305-02M	10.3	1	NA	1.00	0.500	09/29/1018:35	NA	H129009	H129001	HC1030W	09/20/1011:40	09/21/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	HI29003	HI29001	HCI030W	NA	NA
LCS1W	HCI030WL	20.2	1	NA	1.00	0.500	09/29/1014:33	NA	HI29004	HI29001	HCI030W	NA	NA
LCD1W	HCI030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	HI29005	HI29001	HCI030W	NA	NA
MW-70-SSB109-A10	I305-01	ND	1	NA	1.00	0.500	09/29/1015:17	NA	HI29006	HI29001	HCI030W	09/20/1010:30	09/21/10
MW-70-PMW14A-A10	I305-02	ND	1	NA	1.00	0.500	09/29/1016:23	NA	HI29007	HI29001	HCI030W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	I305-02D	ND	1	NA	1.00	0.500	09/29/1017:29	NA	HI29008	HI29001	HCI030W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	I305-02M	10.1	1	NA	1.00	0.500	09/29/1018:35	NA	HI29009	HI29001	HCI030W	09/20/1011:40	09/21/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	H129003	H129001	HC1030W	NA	NA
LCS1W	HC1030WL	20.5	1	NA	1.00	0.500	09/29/1014:33	NA	H129004	H129001	HC1030W	NA	NA
LCD1W	HC1030WC	20.5	1	NA	1.00	0.500	09/29/1014:54	NA	H129005	H129001	HC1030W	NA	NA
NW-70-SSB109-A10	1305-01	ND	1	NA	1.00	0.500	09/29/1015:17	NA	H129006	H129001	HC1030W	09/20/1010:30	09/21/10
NW-70-PMW14A-A10	1305-02	ND	1	NA	1.00	0.500	09/29/1016:23	NA	H129007	H129001	HC1030W	09/20/1011:40	09/21/10
NW-70-PMW14A-A10DUP	1305-02D	ND	1	NA	1.00	0.500	09/29/1017:29	NA	H129008	H129001	HC1030W	09/20/1011:40	09/21/10
NW-70-PMW14A-A10MS	1305-02M	10.1	1	NA	1.00	0.500	09/29/1018:35	NA	H129009	H129001	HC1030W	09/20/1011:40	09/21/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 100305

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	H129003	H129001	HC1030W	NA	NA
LCS1W	HC1030WL	20.3	1	NA	1.00	0.500	09/29/1014:33	NA	H129004	H129001	HC1030W	NA	NA
LCD1W	HC1030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	H129005	H129001	HC1030W	NA	NA
IW-70-SSB109-A10	I305-01	7.22	1	NA	1.00	0.500	09/29/1015:17	NA	H129006	H129001	HC1030W	09/20/1010:30	09/2[illegible]/10
MW-70-PMW14A-A10	I305-02	ND	1	NA	1.00	0.500	09/29/1016:23	NA	H129007	H129001	HC1030W	09/20/101[illegible]:40	09/2[illegible]/10
MW-70-PMW14A-A10DUP	I305-02D	ND	1	NA	1.00	0.500	09/29/1017:29	NA	H129008	H129001	HC1030W	09/20/101[illegible]:40	09/2[illegible]/10
MW-70-PMW14A-A10MS	I305-02M	10.0	1	NA	1.00	0.500	09/29/1018:35	NA	H129009	H129001	HC1030W	09/20/101[illegible]:40	09/2[illegible]/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1030MB HC1030WL HC1030WC
LAB FILE ID: H129003 H129004 H129005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1014:12 09/29/1014:33 09/29/1014:54 DATE RECEIVED: NA
PREP. BATCH: HC1030W HC1030W HC1030W
CALIB. REF: H129001 H129001 H129001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW14A-A10
LAB SAMP ID: 1305-32 1305-02M
LAB FILE ID: H029037 H029009
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 09/29/1018:35 DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W HC1030W
CALIB. REF: H029031 H029001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Acetate	ND	10.0	10.3	103	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: H129037 H129008
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 09/29/1017:29 DATE RECEIVED: 09/21/10
PREP. BATCH: HC103DW HC103DW
CALIB. REF: H129031 H129001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Acetate	ND	ND	0	20

EHAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(N)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1030WB	HC1030WL	HC1030WC		
LAB FILE ID:	HI29C03	HI29C04	HI29005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1014:12	09/29/1014:33	09/29/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	HC1030W	HC1030W	HC1030W		
CALIB. REF:	HI29001	HI29001	HI29001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-7C-PMW14A-A10
LAB SAMP ID: I305-02 I305-02M
LAB FILE ID: H129007 H129009
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 09/29/1018:35 DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W HC1030W
CALIB. REF: H129001 H129001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Butyrate	ND	10.0	10.1	101	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, LR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: BW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: H129007 H129008
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 09/29/1017:29 DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W HC1030W
CALIB. REF: H129001 H129001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Butyrate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1030WB HC1030WL HC1030WC
LAB FILE ID: H129003 H129004 H129005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1014:12 09/29/1014:33 09/29/1014:54 DATE RECEIVED: NA
PREP. BATCH: HC1030W HC1030W HC1030W
CALIB. REF: H129001 H129001 H129001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101335
METHOD: METHOD 300.0(M)

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MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	1		
SAMPLE ID:	NW-70-PMW14A-A10			
LAB SAMP ID:	1305-02	1305-02M		
LAB FILE ID:	H129007	H129009		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	09/20/10 11:40
DATE ANALYZED:	09/29/1016:23	09/29/1018:35	DATE RECEIVED:	09/21/10
PREP. BATCH:	HC1030W	HC1030W		
CALIB. REF:	H129001	H129001		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Lactate	ND	10.0	10.1	101	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: KWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

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MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 | 1305-02D
LAB FILE ID: HI29C07 | HI29C08
DATE EXTRACTED: NA | NA | DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 | 09/29/1017:29 | DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W | HC1030W
CALIB. REF: HI29001 | HI29001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Lactate	ND	ND	0	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1030W9	HC1030WL	HC1030WC		
LAB FILE ID:	H129003	H129004	H129005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1014:12	09/29/1014:33	09/29/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	HC1030W	HC1030W	HC1030W		
CALIB. REF:	H129001	H129001	H129001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.3	102	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

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MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: NW-70-PMW14A-A10
LAB SAMP ID: 1305-02 1305-02M
LAB FILE ID: H129007 H129009
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 09/29/1018:35 DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W HC1030W
CALIB. REF: H129031 H129001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	QC LIMIT (%)
Propionate	ND	10.0	10.0	100	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: ENSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 300.0(M)

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: MW-70-PMW14A-A1C
EMAX SAMP ID: 1305-02 | 1305-02D
LAB FILE ID: H129007 | H129008
DATE EXTRACTED: NA | NA | DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:23 | 09/29/1017:29 | DATE RECEIVED: 09/21/10
PREP. BATCH: HC1030W | HC1030W
CALIB. REF: H129001 | H129001

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Propionate	ND	ND	0	20

INITIAL CALIBRATION

IC SEQ FORM/H113 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13001	IB	ABLPY	OA106113	09/13/1014:36	1
HI13002	S-0	ABLPY	OA106113	09/13/1014:57	1
HI13003	S-1	ABLPY	OA106113	09/13/1016:48	1
HI13004	S-2	ABLPY	OA106113	09/13/1017:16	1
HI13005	S-3	ABLPY	OA106113	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106113	09/13/1017:58	1
HI13007	S-5	ABLPY	OA106113	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106113	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106113	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA*	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/10/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.113/113 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.7%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI29001	CCV58	ABLPY	102%	102%	104%	102%	110%	09/29/1013:30	1
HI29002	CCB58	ABLPY	ND	ND	ND	ND	ND	09/29/1013:51	1
HI29003	HCI030WB	ABLPY	ND	ND	ND	ND	ND	09/29/1014:12	1
HI29004	HCI030WL	ABLPY	2.02	2.02	2.05	2.03	2.17	09/29/1014:33	1
HI29005	HCI030WC	ABLPY	2.02	2.02	2.05	2.02	2.16	09/29/1014:54	1
HI29006	I305-01	ABLPY	1.51	ND	ND	.722	ND	09/29/1015:17	1
HI29007	I305-02	ABLPY	.018	ND	ND	ND	ND	09/29/1016:23	1
HI29008	I305-02D	ABLPY	.025	ND	ND	ND	ND	09/29/1017:29	1
HI29009	I305-02M	ABLPY	1.03	1.01	1.01	1	1.06	09/29/1018:35	1
HI29010	I387-01	*BLPY	3.06E	ND	ND	2.79	ND	09/29/1019:41	1
HI29011	I387-02	*BLPY	3.98E	.19	ND	.169	ND	09/29/1020:47	1
HI29012	I387-03	ABLPY	ND	ND	ND	ND	ND	09/29/1021:53	1
HI29013	CCV60	ABLPY	99.1%	102%	100%	99.1%	107%	09/29/1022:58	1
HI29014	CCB60	ABLPY	ND	ND	ND	ND	ND	09/30/1000:01	1
HI29015	I307-02	*BLPY	42.5E	2.26	ND	ND	.691	09/30/1000:22	1
HI29016	I307-03	**L**	57.4E	36E	ND	74.6E	6.14E	09/30/1001:28	1
HI29017	I307-05	*BLPY	43E	ND	ND	ND	ND	09/30/1002:34	1
HI29018	I307-06	ABLPY	ND	ND	ND	ND	ND	09/30/1003:40	1
HI29019	I307-07	ABLPY	.036	ND	ND	ND	ND	09/30/1004:46	1
HI29020	I307-08	ABLPY	ND	ND	ND	ND	ND	09/30/1005:52	1
HI29021	I370-03	ABLPY	.021	ND	ND	ND	ND	09/30/1006:58	1
HI29022	I370-04	ABLPY	ND	ND	ND	ND	ND	09/30/1008:04	1
HI29023	CCV62	ABLPY	99.5%	100%	98.3%	96.5%	100%	09/30/1012:52	1
HI29024	CCB62	ABLPY	ND	ND	ND	ND	ND	09/30/1013:13	1
HI29025	I370-04	ABLPY	.024	ND	ND	ND	ND	09/30/1013:34	1
HI29026	I246-01	ABLPY	20.8	ND	ND	1.71	ND	09/30/1014:40	10
HI29027	CCV64	ABLPY	97.7%	100%	93.6%	97.9%	97.3%	09/30/1015:21	1
HI29028	CCB64	ABLPY	ND	ND	ND	ND	ND	09/30/1015:42	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW7A-09-013 : 02889-7 2L

HCl 050W : 1305 , 1387 , 1387 , 1370 & 1946

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H129
Method File:	OA106T13
Analytical Batch:	HC050W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW12A-09-215	
ICV		216
CCV		219
LCS		220
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: OC

Date: 09/29/10 - 09/30/10

8372

Sequence: HI29
Operator: cmadmin

Printed: 10/1/2010 1:28:05 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3091_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj Vol.	Program	Method	Status	Inj Date/Time	Dil. Factor
1	HI29		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI29		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI29		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI29		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI29		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI29		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI29		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI29		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI29		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI29	001	CCV58	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 1:30:39 PM	1.0000
11	HI29	002	CCB58	Unknown	98	25.0	ORG	OA106I13	Finished	9/29/2010 1:51:38 PM	1.0000
12	HI29	003	HCIG30WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/29/2010 2:12:37 PM	1.0000
13	HI29	004	HCIG30WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/29/2010 2:33:36 PM	1.0000
14	HI29	005	HCIG30WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/29/2010 2:54:34 PM	1.0000
15	HI29	006	I305-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 3:17:36 PM	1.0000
16	HI29	007	I305-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 4:23:30 PM	1.0000
17	HI29	008	I305-02D	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 5:29:24 PM	1.0000
18	HI29	009	I305-02M	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 6:35:19 PM	1.0000
19	HI29	010	I387-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 7:41:13 PM	1.0000
20	HI29	011	I387-02	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 8:47:06 PM	1.0000
21	HI29	012	I387-03	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 9:53:00 PM	1.0000
22	HI29	013	CCV60	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 10:58:54 PM	1.0000
23	HI29	014	CCB60	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 12:01:51 AM	1.0000
24	HI29	015	I307-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 12:22:49 AM	1.0000
25	HI29	016	I307-03	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:28:43 AM	1.0000
26	HI29	017	I307-05	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 2:34:36 AM	1.0000
27	HI29	018	I307-06	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 3:40:30 AM	1.0000

Sequence: HI29
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_loca
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Comment
1	HI29	
2	HI29	
3	HI29	
4	HI29	
5	HI29	
6	HI29	
7	HI29	
8	HI29	
9	HI29	
10	HI29	
11	HI29	
12	HI29	
13	HI29	
14	HI29	
15	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
20	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
21	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
22	HI29	
23	HI29	
24	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Sequence HI29
Operator cmadmin

Title: Temporary sequence for manual data acquisition
Datasource D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53 07 AM by cmadmin
Last Update: 10/1/2010 12:55 45 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI29	019	I307-07	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 4:46.23 AM	1.0000
29	HI29	020	I307-08	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 5:52:17 AM	1.0000
30	HI29	021	I370-03	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 6 58:10 AM	1.0000
31	HI29	022	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Interrupted	9/30/2010 8.04:04 AM	1.0000
32	HI29	023	CCV62	Unknown	99	25.0	ORG	OA106I13	Finished	9/30/2010 12:52:26 PM	1.0000
33	HI29	024	CCB62	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 1:13:25 PM	1.0000
34	HI29	025	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:34:24 PM	1.0000
35	HI29	026	I246-01	Unknown	15	25.0	ORG	OA106I13	Finished	9/30/2010 2:40 17 PM	10.0000
36	HI29	027	CCV64	Unknown	99	25.0	ORG	OA106I13	Finished	9/30/2010 3:21:11 PM	1.0000
37	HI29	028	CCB64	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 3:42.09 PM	1.0000

Sequence: HI29
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Comment
28	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
29	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
30	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI29	
33	HI29	
34	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI29	
37	HI29	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N_04 · SW14-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: HJ13

Method File: 04106J13

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 9/13/10

Sequence HI13
Operator cmadmin

Printed: 9/15/2010 2:41:34 PM

Title Temporary sequence for manual data acquisition
Datasource: D3983Q91 local
Location Organic Acid\2010
Timebase ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos	Inj Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	CC1	IB	Standard	1	25.0	ORG	OA1C6I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	CC2	S-0	Standard	2	25.0	ORG	OA1C6I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	CC3	S-1	Standard	3	25.0	ORG	OA1C6I13	Finished	9/13/2010 4:48:53 PM	1.0000	
4	HI13	CC4	S-2	Standard	4	25.0	ORG	OA1C6I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	CC5	S-3	Standard	5	25.0	ORG	OA1C6I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	CC6	S-4	Standard	6	25.0	ORG	OA1C6I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	CC7	S-5	Standard	7	25.0	ORG	OA1C6I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	CC8	ICV	Standard	8	25.0	ORG	OA1C6I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	CC9	ICB	Unknown	9	25.0	ORG	OA1C6I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 2320B
TOTAL ALKALINITY

A total of two (2) water samples were received on 09/21/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for ALI016WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : E5

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1016WB	ND	1	NA	5.00	1.00	09/29/1015:18	NA	10E5105003	NA	AL1016W	NA	NA
LCS1W	AL1016WL	581	1	NA	5.00	1.00	09/29/1015:28	NA	10E5105004	NA	AL1016W	NA	NA
LCD1W	AL1016WC	581	1	NA	5.00	1.00	09/29/1015:40	NA	10E5105005	NA	AL1016W	NA	NA
IW-70-SSB109-A10	1305-01	693	1	NA	5.00	1.00	09/29/1015:59	NA	10E5105007	NA	AL1016W	09/20/1010:30	09/21/10
MW-70-PMW14A-A10	1305-02	215	1	NA	5.00	1.00	09/29/1016:06	NA	10E5105008	NA	AL1016W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	1305-02D	216	1	NA	5.00	1.00	09/29/1016:13	NA	10E5105009	NA	AL1016W	09/20/1011:40	09/21/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: AL1016WB AL1016WL AL1016WC
LAB FILE ID: 10E5105003 10E5105004 10E5105005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1015:18 09/29/1015:28 09/29/1015:40 DATE RECEIVED: NA
PREP. BATCH: AL1016W AL1016W AL1016W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	581	101	576	581	101	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101335
METHOD: METHOD 2320B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MW-70-PMW14A-A10
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: 10E5101C3008 10E5101C5009
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/29/1016:06 09/29/1016:13 DATE RECEIVED: 09/21/10
PREP. BATCH: AL1016W AL1016W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
Total Alkalinity	215	216	0	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: N/A

A 9/29/10
Method ~~330~~ 2320B for SDG: I305, I849, I370, I860, I863,

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I05

Analytical Sequence: AL10/6; AL10/7

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SWI-01-258	576
MS/MSD NA	NA
ICV NA	NA
0.02N HCL SWPH-01-254	0.02

pH Buffer	ID
pH 4	SWI-01-257
pH 7	SWI-01-263
pH 10	SWI-01-251
pH Check	SWI-01-262

Analyzed By: RC

Date: 9/29/10

0084

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 475 **Analytical Batch#** 10E5I05

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10E5I05	09/29/2010	3:06 PM	7.97	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10E5I05	09/29/2010	3:13 PM	6.33	.00	.06	.08	.00	1.61	1.61	.00	.00	
3	ALI016WB	10E5I05	09/29/2010	3:16 PM	5.36	.00	.02	.04	.00	.18	.18	.00	.00	
4	ALI016WL	10E5I05	09/29/2010	3:28 PM	8.97	8.57	14.54	-1.00	342.73	581.48	.00	477.51	103.97	
5	ALI016WC	10E5I05	09/29/2010	3:40 PM	8.95	8.61	14.53	-1.00	344.23	581.25	.00	474.05	107.20	
6	I376-01	10E5I05	09/29/2010	3:47 PM	6.76	.00	4.73	-1.00	.00	189.39	189.39	.00	.00	
7	I305-01	10E5I05	09/29/2010	3:59 PM	6.44	.00	17.32	-1.00	.00	692.75	692.75	.00	.00	
8	I305-02	10E5I05	09/29/2010	4:06 PM	7.31	.00	5.38	-1.00	.00	215.04	215.04	.00	.00	
9	I305-02D	10E5I05	09/29/2010	4:13 PM	7.37	.00	5.40	-1.00	.00	216.08	216.08	.00	.00	
10	I849-01	10E5I05	09/29/2010	4:20 PM	7.51	.00	4.12	-1.00	.00	164.66	164.66	.00	.00	
11	I849-02	10E5I05	09/29/2010	4:27 PM	7.54	.00	4.11	-1.00	.00	164.35	164.35	.00	.00	
12	I849-03	10E5I05	09/29/2010	4:35 PM	7.66	.00	4.11	-1.00	.00	164.38	164.38	.00	.00	
13	I849-04	10E5I05	09/29/2010	4:43 PM	7.72	.00	4.08	-1.00	.00	163.11	163.11	.00	.00	
14	I849-05	10E5I05	09/29/2010	4:50 PM	7.48	.00	4.11	-1.00	.00	164.57	164.57	.00	.00	
15	I849-06	10E5I05	09/29/2010	4:57 PM	7.48	.00	4.11	-1.00	.00	164.38	164.38	.00	.00	
16	I849-07	10E5I05	09/29/2010	5:04 PM	7.56	.00	4.12	-1.00	.00	164.86	164.86	.00	.00	
17	I849-08	10E5I05	09/29/2010	5:11 PM	7.75	.00	4.11	-1.00	.00	164.24	164.24	.00	.00	
18	I370-03	10E5I05	09/29/2010	5:20 PM	7.45	.00	7.74	-1.00	.00	309.76	309.76	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/30/10

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Run Number 475 **Analytical Batch#** **10E5I05**

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I370-04	10E5I05	09/29/2010	5:28 PM	7.52	.00	7.76	-1.00	.00	310.35	310.35	.00	.00	
20	I860-01	10E5I05	09/29/2010	5:35 PM	7.77	.00	4.61	-1.00	.00	184.51	184.51	.00	.00	
21	I860-02	10E5I05	09/29/2010	5:42 PM	7.74	.00	4.59	-1.00	.00	183.77	183.77	.00	.00	
22	I860-03	10E5I05	09/29/2010	5:51 PM	7.71	.00	4.61	-1.00	.00	184.30	184.30	.00	.00	
23	I860-04	10E5I05	09/29/2010	5:58 PM	7.67	.00	4.60	-1.00	.00	183.82	183.82	.00	.00	
24	I863-01	10E5I05	09/29/2010	6:05 PM	7.62	.00	4.09	-1.00	.00	163.73	163.73	.00	.00	
25	I863-02	10E5I05	09/29/2010	6:13 PM	7.62	.00	4.10	-1.00	.00	163.95	163.95	.00	.00	
26	RINSE	10E5I05	09/29/2010	6:18 PM	5.97	.00	.04	.08	.00	-.01	-.01	.00	.00	
27	ALI017WB	10E5I05	09/29/2010	6:24 PM	5.62	.00	.00	.07	.00	.06	.06	.00	.00	
28	ALI017WL	10E5I05	09/29/2010	6:36 PM	9.07	9.52	14.36	-1.00	381.00	574.39	.00	386.77	187.61	
29	ALI017WC	10E5I05	09/29/2010	6:47 PM	9.07	9.61	14.37	-1.00	384.40	574.97	.00	381.16	193.82	
30	I270-05	10E5I05	09/29/2010	6:55 PM	7.61	.00	6.13	-1.00	.00	245.36	245.36	.00	.00	
31	I329-02	10E5I05	09/29/2010	7:05 PM	8.25	.00	12.45	-1.00	.00	498.06	498.06	.00	.00	
32	I329-02D	10E5I05	09/29/2010	7:16 PM	8.24	.00	12.49	-1.00	.00	499.75	499.75	.00	.00	
33	I329-03	10E5I05	09/29/2010	7:25 PM	8.22	.00	12.45	-1.00	.00	498.17	498.17	.00	.00	
34	I329-04	10E5I05	09/29/2010	7:36 PM	8.26	.00	12.21	-1.00	.00	488.22	488.22	.00	.00	
35	I329-05	10E5I05	09/29/2010	7:46 PM	8.18	.00	12.54	-1.00	.00	501.51	501.51	.00	.00	
36	I341-02	10E5I05	09/29/2010	7:53 PM	7.34	.00	2.13	-1.00	.00	85.09	85.09	.00	.00	
37	I341-03	10E5I05	09/29/2010	8:00 PM	7.37	.00	2.03	-1.00	.00	81.30	81.30	.00	.00	
38	I341-04	10E5I05	09/29/2010	8:07 PM	7.16	.00	7.18	-1.00	.00	287.21	287.21	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/30/10

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Run Number 475 **Analytical Batch#** 10E5I05

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I341-05	10E5I05	09/29/2010	8:20 PM	7.48	.00	18.43	-1.00	.00	737.03	737.03	.00	.00	
40	I341-06	10E5I05	09/29/2010	8:31 PM	7.82	.00	13.97	-1.00	.00	558.92	558.92	.00	.00	
41	I341-07	10E5I05	09/29/2010	8:38 PM	7.60	.00	6.95	-1.00	.00	277.88	277.88	.00	.00	
42	I341-09	10E5I05	09/29/2010	8:49 PM	7.67	.00	12.11	-1.00	.00	484.36	484.36	.00	.00	
43	I341-10	10E5I05	09/29/2010	8:56 PM	7.62	.00	6.49	-1.00	.00	259.68	259.68	.00	.00	
44	I341-11	10E5I05	09/29/2010	9:06 PM	7.63	.00	14.53	-1.00	.00	581.03	581.03	.00	.00	
45	I347-02	10E5I05	09/29/2010	9:16 PM	8.27	.00	10.41	-1.00	.00	416.43	416.43	.00	.00	
46	I347-03	10E5I05	09/29/2010	9:24 PM	8.13	.00	7.24	-1.00	.00	289.77	289.77	.00	.00	
47	I347-04	10E5I05	09/29/2010	9:34 PM	8.25	.00	8.54	-1.00	.00	341.61	341.61	.00	.00	
48	I347-05	10E5I05	09/29/2010	9:43 PM	7.94	.00	13.56	-1.00	.00	542.24	542.24	.00	.00	
49	I347-06	10E5I05	09/29/2010	9:54 PM	8.29	.00	12.10	-1.00	.20	483.98	483.58	.40	.00	
50	RINSE	10E5I05	09/29/2010	10:01 PM	6.51	.00	.05	.10	.00	.46	.46	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/30/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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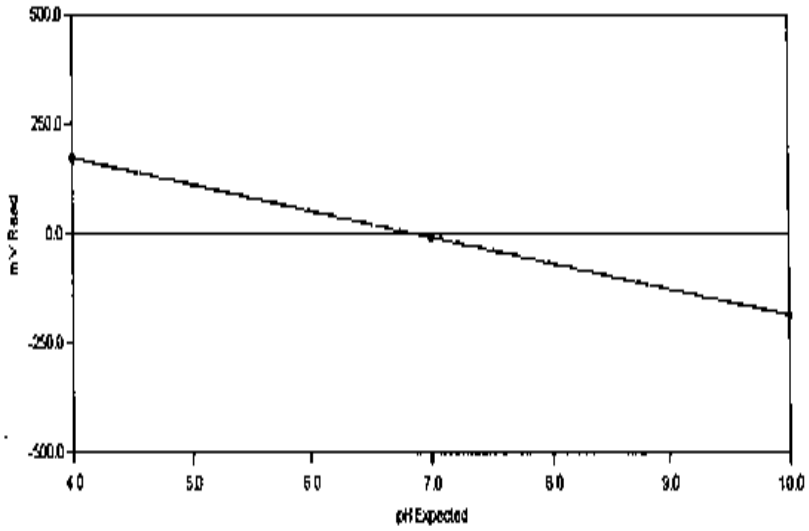
PC-TitratION PLUS
Calibration Report

Calibration Record # 213



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/29/2010	
Channel	1	Time	3:05 PM	
Probe Type	pH	Temperature	297.37 K	24.22 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit	

Calibration Results

Slope	-59.528	CorrCoeff	1.0000
Intercept	-5.817	Equation: Y = (-59.528) X + (-5.817)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.528	-65.00	-53.00
Intercept	-5.817	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	173.46
	7.00	-7.20
	10.00	-183.71

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8088

PC-Titrate For Windows

Running List Report

Order Number - 10E5105

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI016WB	6	.00	25.00
5	PH-ALK	ALI016WL	7	.00	25.00
6	PH-ALK	ALI016WC	8	.00	25.00
7	PH-ALK	I376-01	9	.00	25.00
8	PH-ALK	I305-01	10	.00	25.00
9	PH-ALK	I305-02	11	.00	25.00
10	PH-ALK	I305-02D	12	.00	25.00
11	PH-ALK	I849-01	13	.00	25.00
12	PH-ALK	I849-02	14	.00	25.00
13	PH-ALK	I849-03	15	.00	25.00
14	PH-ALK	I849-04	16	.00	25.00
15	PH-ALK	I849-05	17	.00	25.00
16	PH-ALK	I849-06	18	.00	25.00
17	PH-ALK	I849-07	19	.00	25.00
18	PH-ALK	I849-08	20	.00	25.00
19	PH-ALK	I370-03	21	.00	25.00
20	PH-ALK	I370-04	22	.00	25.00
21	PH-ALK	I860-01	23	.00	25.00
22	PH-ALK	I860-02	24	.00	25.00
23	PH-ALK	I860-03	25	.00	25.00
24	PH-ALK	I860-04	26	.00	25.00
25	PH-ALK	I863-01	27	.00	25.00
26	PH-ALK	I863-02	28	.00	25.00
27	PH-ALK	RINSE	29	.00	25.00
28	PH-ALK	ALI017WB	30	.00	25.00
29	PH-ALK	ALI017WL	31	.00	25.00
30	PH-ALK	ALI017WC	32	.00	25.00
31	PH-ALK	I270-05	33	.00	25.00
32	PH-ALK	I329-02	34	.00	25.00
33	PH-ALK	I329-02D	35	.00	25.00
34	PH-ALK	I329-03	36	.00	25.00
35	PH-ALK	I329-04	37	.00	25.00
36	PH-ALK	I329-05	38	.00	25.00
37	PH-ALK	I341-02	39	.00	25.00
38	PH-ALK	I341-03	40	.00	25.00
39	PH-ALK	I341-04	41	.00	25.00
40	PH-ALK	I341-05	42	.00	25.00

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Running List Report

Order Number - 10E5105

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I341-06	43	.00	25.00
42	PH-ALK	I341-07	44	.00	25.00
43	PH-ALK	I341-09	45	.00	25.00
44	PH-ALK	I341-10	46	.00	25.00
45	PH-ALK	I341-11	47	.00	25.00
46	PH-ALK	I347-02	48	.00	25.00
47	PH-ALK	I347-03	49	.00	25.00
48	PH-ALK	I347-04	50	.00	25.00
49	PH-ALK	I347-05	51	.00	25.00
50	PH-ALK	I347-06	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00

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CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of two (2) water samples were received on 09/21/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries were within QC limits except for one result qualified with [*] in TDI011WL/C summary form. Check QC summary form for details.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : 43706363

SAMPLE ID	ENAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDI011W9	ND	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01101	NA	TDI011W	NA	NA
LCS1W	TDI011WL	980	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01102	NA	TDI011W	NA	NA
LCD1W	TDI011WC	965	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01103	NA	TDI011W	NA	NA
NW-70-SS8109-A10	1305-01	8040	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01107	NA	TDI011W	09/20/1010:30	09/21/10
NW-70-PMW14A-A10	1305-02	4110	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01108	NA	TDI011W	09/20/1011:40	09/21/10
NW-70-PMW14A-A10DUP	1305-02D	3930	1	NA	20.0	5.00	09/22/1017:21	NA	TDI01109	NA	TDI011W	09/20/1011:40	09/21/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 2540C

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TD101WB TD101WL TD101WC
LAB FILE ID: TD101101 TD101102 TD101103
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/22/1017:21 09/22/1017:21 09/22/1017:21 DATE RECEIVED: NA
PREP. BATCH: TD101W TD101W TD101W
CALIB. REF: NA NA NA

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	980	98	1000	965	97	0	80-120	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD 2540C

==========

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1
SAMPLE ID: MW-70-PMW14A-A1C
EMAX SAMP ID: 1305-02 1305-02D
LAB FILE ID: TD101108 TD101109
DATE EXTRACTED: NA NA DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/22/1017:21 09/22/1017:21 DATE RECEIVED: 09/21/10
PREP. BATCH: TD1011W TD1011W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUP. RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	4110	3930	4	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: TOI 011

SOP #	Rev. #
☐ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-266	1000

Analyzed By: PC / MPW

Date: 9/23/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX

Analytical Batch: LABORATORIES 01 INC. Instrument ID: 40705360 Oven Temp IN (°C): 180 Oven Temp OUT (°C): 180 SOP: EMAX-25HDC Rev 1

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Rdg	Difference 2nd & 3rd Dry Wt. Rdg (<0.5mg)	NOTES
TD-01101	TD-01WS	100	6	73.7223	09/22/10	17:21	73.7223	09/23/10	12:34	73.7223	09/23/10	14:19	73.7223	09/23/10	14:21	0	0.0	
TD-01102	TD-01WL	20	L	13.2502	09/22/10	17:22	13.2499	09/23/10	12:35	13.2499	09/23/10	14:23	13.2499	09/23/10	14:23	0	0.0	
TD-01103	TD-01WC	20	C	13.2124	09/22/10	17:22	13.2319	09/23/10	12:36	13.2317	09/23/10	14:24	13.2317	09/23/10	14:24	-0.0002	0.0	
TD-01104	502-01	50	1	69.1333	09/22/10	17:23	69.1759	09/23/10	12:36	69.1755	09/23/10	14:24	69.1756	09/23/10	14:24	-0.0004	0.0	
TD-01105	502-02	20	2	13.1556	09/22/10	17:23	13.1781	09/23/10	12:37	13.1781	09/23/10	14:25	13.1781	09/23/10	14:25	0	0.0	
TD-01106	531-01	20	3	13.2376	09/22/10	17:23	13.264	09/23/10	12:37	13.2543	09/23/10	14:25	13.2543	09/23/10	14:25	0.0000	0.0	
TD-01107	1305-01	20	4	13.1578	09/22/10	17:24	13.3187	09/23/10	12:38	13.3187	09/23/10	14:26	13.3186	09/23/10	14:26	0	0.0	
TD-01108	1305-02	20	5	13.2626	09/22/10	17:24	13.3452	09/23/10	12:38	13.3452	09/23/10	14:26	13.3445	09/23/10	14:26	0	0.4	
TD-01109	1305-03D	20	6	13.1538	09/22/10	17:25	13.2327	09/23/10	12:39	13.2325	09/23/10	14:27	13.2325	09/23/10	14:27	-0.0002	0.0	

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/22/10 17:26	PASSED
100	99.9935	9/22/10 17:31	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/23/10 12:37	PASSED
100	99.9934	9/23/10 12:38	PASSED

Beginning Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9998	9/23/10 12:33	PASSED
100	99.9935	9/23/10 12:34	PASSED

Ending Balance Check

Std Weight (g)	Balance Rdg (g)	Date	Comments
1	0.9999	9/23/10 14:27	PASSED
100	99.9934	9/23/10 14:28	PASSED

Acceptance Criteria: 0.1% OR 0.05 mg whichever is greater

Initial Rdg by: [illegible] Final Rdg by: [illegible] Reviewed by: [illegible]

Date: [illegible]

Remarks

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI011 Start Date/Time: 09/22/10 17:21 Temp IN(°C): 180

Balance ID: 40700360 End Date/Time: 09/23/10 14:27 Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI01101	TDI011WB	100	73.7223	73.7223		ND	
TDI01102	TDI011WL	20	13.2302	13.2490	19.6000	980	98
TDI01103	TDI011WC	20	13.2124	13.2317	19.3000	965	97
TDI01104	I502-01	50	69.1333	69.1756	42.3000	846	
TDI01105	I502-02	20	13.1556	13.1781	22.5000	1130	
TDI01106	I531-01	20	13.2376	13.2643	26.7000	1340	
TDI01107	I305-01	20	13.1570	13.3186	160.7000	8040	
TDI01108	I305-02	20	13.2626	13.3448	82.2000	4110	
TDI01109	I305-02D	20	13.1538	13.2325	78.7000	3930	

9-23-10 PP / MM

LCS Concentration: 1000 mg/L MDL(mg/L): 5 Initial Reading by: PP / MM

SOP: EMAX-2540C Rev.1 RL (mg/L): 10 Final Reading by: PP / MM

Remarks:

Reviewed by: MM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower Limit	Higher Limit	Comments
10203192	31116	200	200.04	9/22/10 8:45	200.03	9/22/10 8:46	200.06	9/22/10 8:47	199.8	200.2	200g Check Passed
10203192	31116	100	100	9/22/10 8:45	100.01	9/22/10 8:46	100.02	9/22/10 8:47	99.9	100.1	100g Check Passed
10203192	31116	50	49.99	9/22/10 8:45	50	9/22/10 8:46	49.99	9/22/10 8:47	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/22/10 8:45	29.99	9/22/10 8:46	30	9/22/10 8:47	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/22/10 8:45	1	9/22/10 8:47	1	9/22/10 8:47	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/22/10 8:49	200	9/22/10 8:49	200	9/22/10 8:50	199.8	200.2	200g Check Passed
10304418	31116	100	100.01	9/22/10 8:49	100	9/22/10 8:49	100	9/22/10 8:50	99.9	100.1	100g Check Passed
10304418	31116	50	50.02	9/22/10 8:49	50	9/22/10 8:49	50	9/22/10 8:50	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/22/10 8:49	29.99	9/22/10 8:49	30	9/22/10 8:50	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/22/10 8:49	1	9/22/10 8:50	1	9/22/10 8:50	0.999	1.001	1g Check Passed
40706360	31116	150	149.9913	9/22/10 8:51	149.9912	9/22/10 8:52	149.9912	9/22/10 8:53	149.85	150.15	150g Check Passed
40706360	31116	100	99.9941	9/22/10 8:51	99.9941	9/22/10 8:52	99.9941	9/22/10 8:54	99.9	100.1	100g Check Passed
40706360	31116	50	49.997	9/22/10 8:52	49.997	9/22/10 8:53	49.997	9/22/10 8:54	49.95	50.05	50g Check Passed
40706360	31116	30	29.9981	9/22/10 8:52	29.9982	9/22/10 8:53	29.9981	9/22/10 8:54	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/22/10 8:52	0.9998	9/22/10 8:53	0.9998	9/22/10 8:54	0.999	1.001	1g Check Passed
10601202	31116	200	199.994	9/22/10 8:55	199.993	9/22/10 8:56	199.993	9/22/10 8:57	199.8	200.2	200g Check Passed
10601202	31116	100	99.996	9/22/10 8:56	99.997	9/22/10 8:56	99.996	9/22/10 8:57	99.9	100.1	100g Check Passed
10601202	31116	50	49.999	9/22/10 8:55	49.996	9/22/10 8:56	49.997	9/22/10 8:57	49.95	50.05	50g Check Passed
10601202	31116	30	29.999	9/22/10 8:56	30	9/22/10 8:56	30	9/22/10 8:57	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/22/10 8:56	1	9/22/10 8:56	1	9/22/10 8:57	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/22/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MM

Date: 9/22/10

Acceptance Limit :- 0.1%

Bal. Checked by: JF

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	Lower Limit	Higher Limit	Comments
10203192	31116	200	200.07	9/23/10 8:43	200.07	9/23/10 8:44	200.04	9/23/10 8:45	199.8	200.2	200g Check Passed
10203192	31116	100	100.03	9/23/10 8:43	100.04	9/23/10 8:44	100.03	9/23/10 8:45	99.9	100.1	100g Check Passed
10203192	31116	50	50.02	9/23/10 8:43	50.01	9/23/10 8:44	50.01	9/23/10 8:45	49.95	50.05	50g Check Passed
10203192	31116	30	30.03	9/23/10 8:43	30.02	9/23/10 8:44	30	9/23/10 8:45	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/23/10 8:44	1	9/23/10 8:45	1	9/23/10 8:46	0.999	1.001	1g Check Passed
10304418	31116	200	200.01	9/23/10 8:48	199.99	9/23/10 8:50	200	9/23/10 8:51	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/23/10 8:48	99.99	9/23/10 8:50	100	9/23/10 8:51	99.9	100.1	100g Check Passed
10304418	31116	50	50	9/23/10 8:48	49.99	9/23/10 8:51	50	9/23/10 8:51	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/23/10 8:49	29.99	9/23/10 8:51	29.99	9/23/10 8:52	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/23/10 8:49	1	9/23/10 8:51	1	9/23/10 8:52	0.999	1.001	1g Check Passed
40706360	31116	150	149.9905	9/23/10 8:54	149.9905	9/23/10 8:56	149.9905	9/23/10 8:57	149.85	150.15	150g Check Passed
40706360	31116	100	99.9936	9/23/10 8:55	99.9936	9/23/10 8:56	99.9936	9/23/10 8:57	99.9	100.1	100g Check Passed
40706360	31116	50	49.9968	9/23/10 8:55	49.9966	9/23/10 8:56	49.9968	9/23/10 8:57	49.95	50.05	50g Check Passed
40706360	31116	30	29.998	9/23/10 8:55	29.998	9/23/10 8:56	29.998	9/23/10 8:57	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/23/10 8:55	0.9998	9/23/10 8:55	0.9998	9/23/10 8:57	0.999	1.001	1g Check Passed
10601202	31116	200	199.995	9/23/10 8:59	199.995	9/23/10 9:00	199.993	9/23/10 9:00	199.8	200.2	200g Check Passed
10601202	31116	100	99.998	9/23/10 8:59	99.997	9/23/10 9:00	99.996	9/23/10 9:00	99.9	100.1	100g Check Passed
10601202	31116	50	49.999	9/23/10 8:59	49.999	9/23/10 9:00	49.997	9/23/10 9:00	49.95	50.05	50g Check Passed
10601202	31116	30	30.001	9/23/10 8:59	29.999	9/23/10 9:00	29.999	9/23/10 9:00	29.97	30.03	30g Check Passed
10601202	31116	1	1.001	9/23/10 8:59	1.001	9/23/10 9:00	1	9/23/10 9:00	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	JF
		1							0.999	1.001	9/23/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: MJA

Acceptance Limit ± 0.1%

Bal. Checked by: JF

Date: 9/23/10

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

One(1) water sample were received on 09/21/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
Dissolved Hydrogen Sulfide

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101305

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MB_KIW	HS100SW3	ND	1	NA	1.00	0.400	09/23/1017:43	NA	HS100501	NA	HS1005W	NA	NA
MW-70-PMW14A-A10	I305-02	ND	1	NA	1.00	0.400	09/23/1019:08	NA	HS100510	NA	HS1005W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	I305-02D	ND	1	NA	1.00	0.400	09/23/1019:12	NA	HS100511	NA	HS1005W	09/20/1011:40	09/21/10

EMAX QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: INSIGHT SEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
METHOD: METHOD 4500F
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 101305 DATE RECEIVED: 09/21/10
SAMPLE ID: MW-70-PMW14A-A10D.2 DATE EXTRACTED: NA
CONTROL NO.: 1305-02D DATE ANALYZED: 09/23/10 19:12

ACCESSION:

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Hydrogen Sulfide	ND	ND	0	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
SULFIDE

Book #: ASD-016

Analytical Batch: HS100X5
CM 9/23/10

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX-9034	0
☐ EMAX-4500-S2F	0

STANDARDS ID	CONC.
LCS SWI-01-268	5.95
Spike NA	
$Na_2S_2O_3$ Standard SWR1-01-263	0.025N
Iodine SWR1-01-~~234~~ 279 9/23/10	0.025N
HCl SWI-05-193	1:1
Indicator SWI-01-247	

Analyzed By: CM

Date: 9/23/10

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-H Analytical Batch: HSI005 Book #: ASD-016 Page: 39

Data File Name	Lab Sample ID	V_s (ml)	V_t (ml)	Volume of Titrant V. (ml)	Analysis Date mm.dd.yy	Analysis Time hh:mm:ss	Sulfide	Sample Res.(-)	Flag J	Unit
HSI0051	HSI005WB	100	5	4.91	09/23/10	17:43:10	0.28	ND		mg/L
HSI0052	HSI005WL	100	5	3.52	09/23/10	17:59:25	5.92	5.92		mg/L
HSI0053	HSI005WC	100	5	3.55	09/23/10	18:08:25	5.4	5.4		mg/L
HSI0054	I284-03	100	5	5	09/23/10	18:13:30	0	ND		mg/L
HSI0055	I284-04	100	5	5	09/23/10	18:17:03	0	ND		mg/L
HSI0056	I284-05	100	5	5	09/23/10	18:33:08	0	ND		mg/L
HSI0057	I284-07	100	5	5	09/23/10	18:40:16	0	ND		mg/L
HSI0058	I304-03	100	5	5	09/23/10	18:51:46	0	ND		mg/L
HSI0059	I304-04	100	5	5	09/23/10	18:54:11	0	ND		mg/L
HSI00510	I305-02	100	5	4.91	09/23/10	19:08:14	0.36	ND		mg/L
HSI00511	I305-02D	100	5	4.92	09/23/10	19:12:53	0.32	ND		mg/L

cb 10/11/10

STANDARDIZATION				
V. Iodi	V_{blank} (ml)	DATE	TIME	Titrant Na_2SO_3 (N)
Average Normality of Iodine (NI)=				0.025

☑ Standard Purchased as Certified Solution

$$N_I = \frac{(N \cdot V)_{Na_2SO_3}}{V_I}$$

MISCELLANEOUS INFORMATION			
Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER SOIL]	5.55	444	mg/L mg/kg
MDL [WATER SOIL]	0.4	10	mg/L mg/kg
RL	2	20	mg/L mg/kg

$$S(mg/L) = \frac{[(V_t * N_t) - (V_s * N_s)](16000)}{V_s}$$

MS/MSD	TV=	5.55	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: CIS

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method: SM4500-S2-H

Analytical Batch: HS1005

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10051	HS1005WB	ND	mg/L	9/23/10 17:43				ND	mg/l	
HS10052	HS1005W1	5.92	mg/l	9/23/10 17:59				#VALUE!	mg/L	
HS10053	HS1005WC	5.4	mg/L	9/23/10 18:08				#VALUE!	mg/L	
HS10054	1284-03	ND	mg/L	9/23/10 18:13	25	8.17	5680	ND	mg/l	
HS10055	1284-04	ND	mg/L	9/23/10 18:17	25	8.06	6340	ND	mg/l	
HS10056	1284-05	ND	mg/l	9/23/10 18:33	25	8.06	6020	ND	mg/l	
HS10057	1284-07	ND	mg/L	9/23/10 18:40	25	8.26	5460	ND	mg/L	
HS10058	1304-03	ND	mg/L	9/23/10 18:51	25	7.69	5210	ND	mg/L	
HS10059	1304-04	ND	mg/L	9/23/10 18:54	25	8.29	5670	ND	mg/l	
HS10510	1305-02	ND	mg/l	9/23/10 19:08	25	7.21	6430	ND	mg/L	
HS10511	1305-02D	ND	mg/l	9/23/10 19:12	25.3	7.19	6390	ND	mg/L	

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m}$$

$$H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

$$H^+ = 10^{-pH+pf_m}$$

Analyzed by: CD

Reviewed by: C.D.

Date: 10/1/10

Where: T=K; T=273.15; pK1=dissociation constant for zero ionic strength; A= Debye Hückel Parameter; I= Ionic Strength; pfm=negative logarithm of the monovalent ion activity coefficient; K'1=conditional ionization constant; H+=Hydrogen ion concentration; ST= Total Sulfide Concentration

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I305

METHOD SM5310B
TOC

A total of two (2) water samples were received on 09/21/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI012WL/C were all within QC limits.
Percent recoveries for TCJ006WL/C were all within QC limits.

Matrix QC Sample
Matrix QC sample was analyzed at the frequency prescribed by the project.
Percent recoveries for I305-02M/S were within project QC limits.
Sample duplicate was also analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SM5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70,
Batch No. : 101305

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TCJ006WB	ND	1	NA	1.00	0.500	10/14/1022:34	NA	TCJ004-05	TCJ004-02	TCJ006W	NA	NA
LCS1W	TCJ006WL	23.7	1	NA	1.00	0.500	10/14/1022:47	NA	TCJ004-06	TCJ004-02	TCJ006W	NA	NA
LCD1W	TCJ006WC	23.3	1	NA	1.00	0.500	10/14/1022:59	NA	TCJ004-07	TCJ004-02	TCJ006W	NA	NA
IW-70-SSB109-A10	I305-01T	121	5	NA	5.00	2.50	10/14/1023:11	NA	TCJ004-08	TCJ004-02	TCJ006W	09/20/1310:30	09/21/10
MBLK2W	TCI012WB	ND	1	NA	1.00	0.500	09/28/1014:44	NA	TCI008-05	TCI008-02	TCI012W	NA	NA
LCS2W	TCI012WL	26.3	1	NA	1.00	0.500	09/28/1014:57	NA	TCI008-06	TCI008-02	TCI012W	NA	NA
LCD2W	TCI012WC	25.8	1	NA	1.00	0.500	09/28/1015:09	NA	TCI008-07	TCI008-02	TCI012W	NA	NA
MW-70-PMW14A-A10	I305-02	3.49	1	NA	1.00	0.500	09/28/1019:31	NA	TCI008-17	TCI008-14	TCI012W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10DUP	I305-02D	3.52	1	NA	1.00	0.500	09/28/1019:43	NA	TCI008-18	TCI008-14	TCI012W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MS	I305-02M	29.7	1	NA	1.00	0.500	09/28/1019:57	NA	TCI008-19	TCI008-14	TCI012W	09/20/1011:40	09/21/10
MW-70-PMW14A-A10MSD	I305-02S	29.9	1	NA	1.00	0.500	09/28/1020:11	NA	TCI008-20	TCI008-14	TCI012W	09/20/1011:40	09/21/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT ZEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TCJ006WB TCJ006WL TCJ006WC
LAB FILE ID: TCJ004-05 TCJ004-06 TCJ004-07
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 10/14/1022:34 10/14/1022:47 10/14/1022:59 DATE RECEIVED: NA
PREP. BATCH: TCJ006W TCJ006W TCJ006W
CALIB. REF: TCJ004-02 TCJ004-02 TCJ004-02

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	23.7	95	25.0	23.3	93	1	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101305
METHOD: METHOD SM5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	TC1012WB	TC1012WL	TC1012WC		
LAB FILE ID:	TC1008-05	TC1008-06	TC1008-07		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/28/1014:44	09/28/1014:57	39/28/1015:09	DATE RECEIVED:	NA
PREP. BATCH:	TC1012W	TC1012W	TC1012W		
CALIB. REF:	TC1008-02	TC1008-02	TC1008-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	26.3	105	25.0	25.8	103	2	85-115	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1C1305
METHOD: METHOD SM5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: NW-70-PMW14A-A10
LAB SAMP ID: 1305-02 1305-02M 1305-02S
LAB FILE ID: TC1008-17 TC1008-19 TC1008-20
DATE EXTRACTED: NA NA NA DATE COLLECTED: 09/20/10 1:40
DATE ANALYZED: 09/28/1019:31 09/28/1019:57 09/28/1020:11 DATE RECEIVED: 09/21/10
PREP. BATCH: TC1012W TC1012W TC1012W
CALIB. REF: TC1008-14 TC1008-14 TC1008-14

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	MS RSLT (mg/L)	MS % REC	SPIKE AMT (mg/L)	MSD RSLT (mg/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	3.49	25.0	29.7	105	25.0	29.9	106	1	75-125	20

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1D13C5
METHOD: METHOD SM5310B

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1
SAMPLE ID: MW-7D-PMW14A-A1C
EMAX SAMP ID: 1305-02 | 1305-02D
LAB FILE ID: TC1008-17 | TCE008-18
DATE EXTRACTED: NA | NA | DATE COLLECTED: 09/20/10 11:40
DATE ANALYZED: 09/28/1019:31 | 09/28/1019:43 | DATE RECEIVED: 09/21/10
PREP. BATCH: TC1012W | TCE012W
CALIB. REF: TC1008-14 | TCE008-14

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TOC	3.49	3.52	1	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Start (date & time) 10/14/10 20:56

end (date & time) 10/15/10 05:40

TC5006W1

105305-01

105719-01

105095-02

* TC5004-16 → -35 data not evaluated due to instrument error

dipette SW3-01-24

SW3-01-33

SS1A-01-4

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TC5004
Method File:	TC5004
Analytical Batch:	TC5006W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW103-04-014	1
S2	↓	5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW103-04-012	2.5
CCV	SW103-04-~~016~~-011 AM 10/14/10	2.5

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: Am

Date: 10/14/10

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilut	Result	Comment
1	Standard	NPOC	ICAL	TCJ004-01	0A-123456	C:\Program	1.00		
2	Control	NPOC	ICV	TCJ004-02	0A-123456	C:\Program	1.00	NPOC:24.96 mg/L	
3	Unknown	NPOC	ICB	TCJ004-03	0A-123456	C:\Program	1.00	NPOC:0.2051 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCJ004-04	0A-123456	C:\Program	1.00	NPOC:0.6148 mg/L	
5	Unknown	NPOC	TCJ006WB	TCJ004-05	0A-123456	C:\Program	1.00	NPOC:0.2230 mg/L	
6	Unknown	NPOC	TCJ006WL	TCJ004-06	0A-123456	C:\Program	1.00	NPOC:23.66 mg/L	
7	Unknown	NPOC	TCJ006WC	TCJ004-07	0A-123456	C:\Program	1.00	NPOC:23.34 mg/L	
8	Unknown	NPOC	10I305-01T	TCJ004-08	0A-123456	C:\Program	5.00	NPOC:121.1 mg/L	DF=5
9	Unknown	NPOC	10J719-01	TCJ004-09	0A-123456	C:\Program	1.00	NPOC:4.399 mg/L	PH<2
10	Unknown	NPOC	10J719-01D	TCJ004-10	0A-123456	C:\Program	1.00	NPOC:4.386 mg/L	
11	Unknown	NPOC	10J719-01M	TCJ004-11	0A-123456	C:\Program	1.00	NPOC:27.67 mg/L	
12	Unknown	NPOC	10J719-01S	TCJ004-12	0A-123456	C:\Program	1.00	NPOC:27.55 mg/L	
13	Unknown	NPOC	10J095-02	TCJ004-13	0A-123456	C:\Program	1.00	NPOC:1.853 mg/L	PH<2
14	Control	NPOC	CCV1	TCJ004-14	0A-123456	C:\Program	1.00	NPOC:23.18 mg/L	
15	Unknown	NPOC	CCB1	TCJ004-15	0A-123456	C:\Program	1.00	NPOC:0.5822 mg/L	
16	Unknown	NPOC	10I666-01T	TCJ004-16	0A-123456	C:\Program	10.0	NPOC:220.4 mg/L	DF=10
17	Unknown	NPOC	10I666-02T	TCJ004-17	0A-123456	C:\Program	40.0	NPOC:1324 mg/L	DF=40
18	Unknown	NPOC	10I666-03T	TCJ004-18	0A-123456	C:\Program	40.0	NPOC:2342 mg/L	DF=40
19	Unknown	NPOC	10I666-04T	TCJ004-19	0A-123456	C:\Program	40.0	NPOC:0.000 mg/L	DF=40
20	Unknown	NPOC	10I666-05T	TCJ004-20	0A-123456	C:\Program	40.0	NPOC:0.000 mg/L	DF=40
21	Unknown	NPOC	10I666-06T	TCJ004-21	0A-123456	C:\Program	40.0	NPOC:0.000 mg/L	DF=40
22	Unknown	NPOC	10I666-07T	TCJ004-22	0A-123456	C:\Program	100	NPOC:0.000 mg/L	DF=100
23	Unknown	NPOC	10I666-08T	TCJ004-23	0A-123456	C:\Program	10.0	NPOC:0.000 mg/L	DF=10
24	Unknown	NPOC	10I666-09T	TCJ004-24	0A-123456	C:\Program	40.0	NPOC:0.000 mg/L	DF=40
25	Unknown	NPOC	10J479-01	TCJ004-25	0A-123456	C:\Program	4.00	NPOC:0.000 mg/L	PH<2 DF=4
26	Control	NPOC	CCV2	TCJ004-26	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	
27	Unknown	NPOC	CCB2	TCJ004-27	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	
28	Unknown	NPOC	10J463-01	TCJ004-28	0A-123456	C:\Program	4.00	NPOC:0.000 mg/L	PH<2 DF=4
29	Unknown	NPOC	10J463-02	TCJ004-29	0A-123456	C:\Program	4.00	NPOC:0.000 mg/L	PH<2 DF=4
30	Unknown	NPOC	10J451-01	TCJ004-30	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	PH<2
31	Unknown	NPOC	10J445-01	TCJ004-31	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	PH<2
32	Unknown	NPOC	10J445-07	TCJ004-32	0A-123456	C:\Program	10.0	NPOC:0.000 mg/L	PH<2 DF=10
33	Unknown	NPOC	10I602-10	TCJ004-33	0A-123456	C:\Program	200	NPOC:0.000 mg/L	PH<2 DF=200
34	Control	NPOC	CCV3	TCJ004-34	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	
35	Unknown	NPOC	CCB3	TCJ004-35	0A-123456	C:\Program	1.00	NPOC:0.000 mg/L	
36									
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39									
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41									
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62								FINAL	
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65									
66									
67									

Both not evaluated - instrument error
Am 10/15/10

Am 10/15/10

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

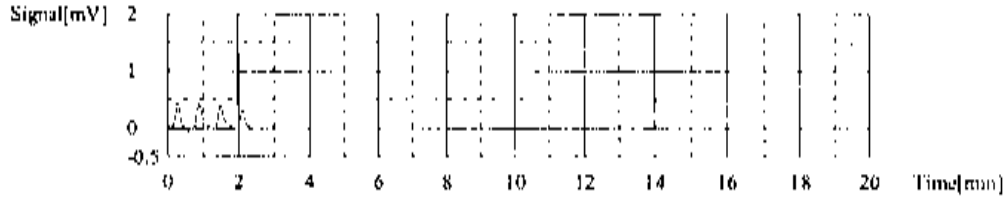
Sample Name:	ICAL
Sample ID:	TCJ004 01
Cal. Curve:	TCJ004 2010 10 14 20 49 07.cal

Type	Anal.
Standard	NPOC

Conc. 0.000mg/L

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.5000	50uL	1	*******		10/14/10 08:56:00 PM
2	0.4495	50uL	1	*******		10/14/10 08:56:49 PM
3	0.4253	50uL	1	*******		10/14/10 08:57:38 PM
4	0.3057	50uL	1	*******		10/14/10 08:58:28 PM

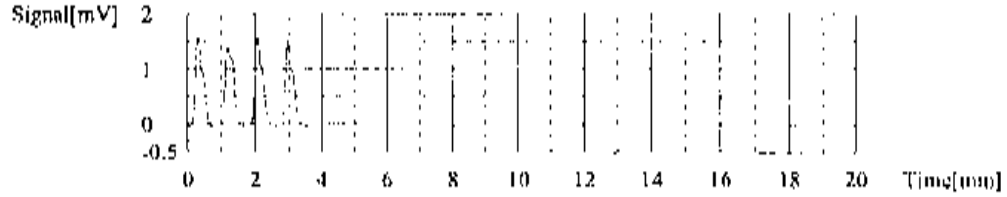
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.4201



Conc. 1.000mg/L

No.	Area	Inj. Vol	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.517	50uL	10	*******		10/14/10 09:06:33 PM
2	2.430	50uL	10	*******		10/14/10 09:07:38 PM
3	2.458	50uL	10	*******		10/14/10 09:08:43 PM
4	2.412	50uL	10	*******		10/14/10 09:09:49 PM

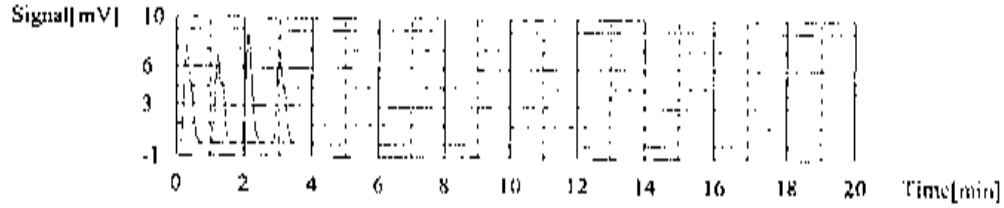
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.457



Conc. 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	11.39	50uL	2	*******		10/14/10 09:15:59 PM
2	11.09	50uL	2	*******		10/14/10 09:17:05 PM
3	11.19	50uL	2	*******		10/14/10 09:18:10 PM
4	11.18	50uL	2	*******		10/14/10 09:19:17 PM

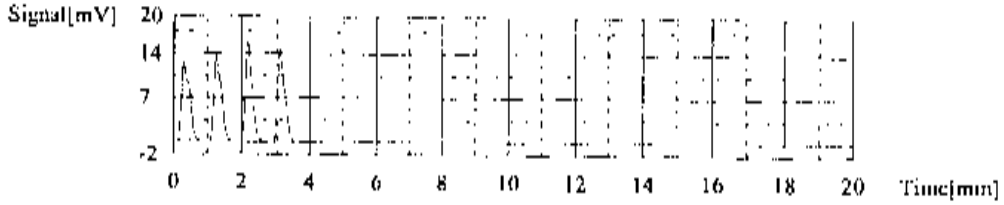
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 11.21



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.63	50uL	1	-------		10/14/10 09:24:47 PM
2	21.69	50uL	1	-------		10/14/10 09:25:55 PM
3	21.45	50uL	1	-------		10/14/10 09:27:02 PM
4	21.45	50uL	1	-------		10/14/10 09:28:09 PM

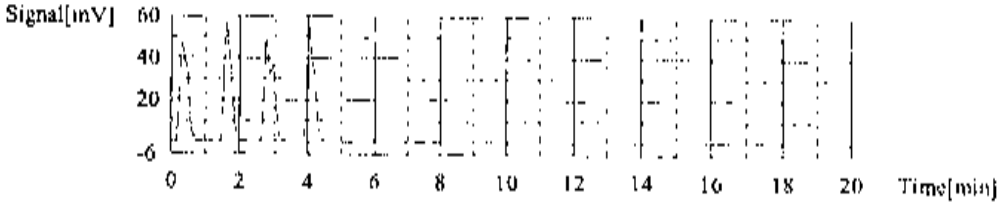
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.56



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	82.48	50uL	2	-------		10/14/10 09:30:39 PM
2	82.98	50uL	2	-------		10/14/10 09:38:01 PM
3	84.56	50uL	2	-------		10/14/10 09:39:29 PM
4	84.17	50uL	2	-------		10/14/10 09:40:55 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 83.55

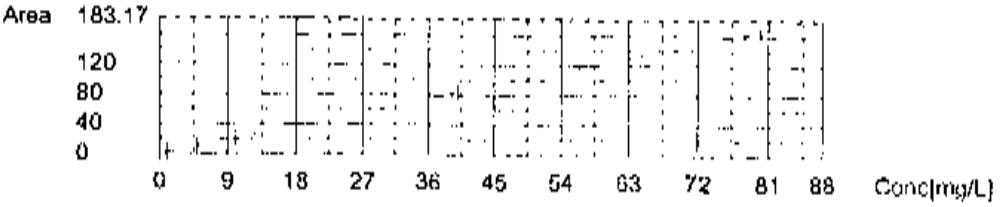


Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	166.6	50uL	1	-------		10/14/10 09:46:51 PM
2	166.9	50uL	1	-------		10/14/10 09:48:24 PM
3	166.6	50uL	1	-------		10/14/10 09:49:52 PM
4	168.5	50uL	1	-------		10/14/10 09:51:25 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 167.2

Slope 2.081
Intercept 0.000
r^2 0.999990



Control Sample

Sample Name: ICV
Sample ID: TCJ004 02
Method: TCJ004.lpt
Chk. Result: Control value. 24.96 / Control exceeds range!

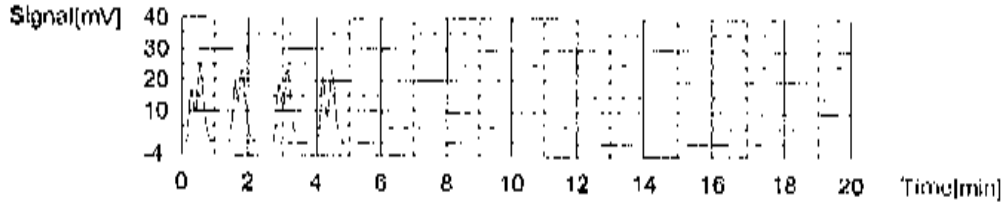
Type	Anal	Dil.	Result
Control	NPOC	1.000	NPOC-24.96 mg/L

1. Det.

Anal : NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	51.72	24.85mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 09:59:26 PM
2	51.73	24.85mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:00:55 PM
3	52.63	25.28mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:02:27 PM
4	51.74	24.86mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:03:57 PM

Mean Area: 51.96
Mean Conc.: 24.96mg/L



Sample

Sample Name: ICB
Sample ID: TCJ004 03
Origin: TCJ004.cal
Chk. Result

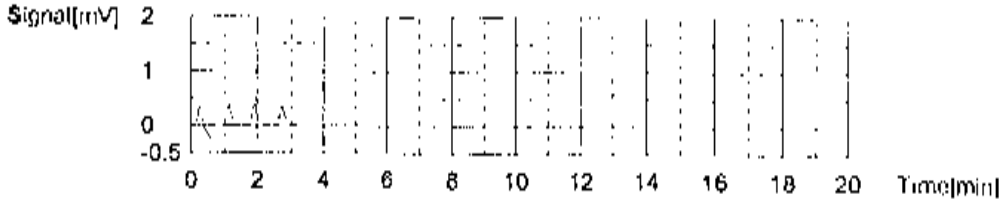
Type	Anal	Dil.	Result
Unknown	NPOC	1.000	NPOC 0.2051 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil	Ex	Cal. Curve	Date / Time
1	0.4038	0.1940mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:11:21 PM
2	0.4523	0.2173mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:12:19 PM
3	0.4301	0.2066mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:13:18 PM
4	0.4211	0.2023mg/L	50uL	1		TCJ004.2010 10_14_20 49_07.cal	10/14/10 10:14:18 PM

Mean Area: 0.4268
Mean Conc.: 0.2051mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

start (date & time) 9/28/10 1305

end (date & time) 9/29/10 05:29

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCI008
Method File:	TCI008
Analytical Batch:	TCI012W TCI013W

TCI012W / TCI013W:

10I285-04
10I307-02,03,05,06
10I246-01
10I305-01,02
10I349-01
10I264-03 → 07
10I376-01
10I375-02
10I329-02 → 05
10I373-07
10I348-02 → 06
10I304-03,04
10I284-03 → 05, 01
10I347-02 → 06
10I265-01,08

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-04-002	1
S2		5
S3		10
S4		40
S5		80
S6	—	—
ICV/LCS	SW10B-04-005	25
CCV	SW10B-04-006	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

pipette: SW3-01-24
SW3-01-33
SI1A-01-4

Analyzed By: AM

Date: 9/28/10

	Type	Analysi	Sample Name	Sample ID	ObjectID	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICAL	TCI008-01	0A-123456	C:\Progr	1.00		
2	Control	NPOC	ICV	TCI008-02	0A-123456	C:\Progr	1.00	NPOC:25.93 mg/L	
3	Unknown	NPOC	ICB	TCI008-03	0A-123456	C:\Progr	1.00	NPOC:0.1202 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI008-04	0A-123456	C:\Progr	1.00	NPOC:0.3803 mg/L	
5	Unknown	NPOC	TCI012WB	TCI008-05	0A-123456	C:\Progr	1.00	NPOC:0.08960 mg	
6	Unknown	NPOC	TCI012WL	TCI008-06	0A-123456	C:\Progr	1.00	NPOC:26.32 mg/L	
7	Unknown	NPOC	TCI012WC	TCI008-07	0A-123456	C:\Progr	1.00	NPOC:25.79 mg/L	
8	Unknown	NPOC	10I285-04T	TCI008-08	0A-123456	C:\Progr	4.00	NPOC:92.24 mg/L	DF=4
9	Unknown	NPOC	10I246-01T	TCI008-09	0A-123456	C:\Progr	4.00	NPOC:110.2 mg/L	DF=4
10	Unknown	NPOC	10I307-02T	TCI008-10	0A-123456	C:\Progr	20.0	NPOC:455.9 mg/L	DF=20
11	Unknown	NPOC	10I307-03T	TCI008-11	0A-123456	C:\Progr	200.	NPOC:3647 mg/L	DF=200
12	Unknown	NPOC	10I307-05T	TCI008-12	0A-123456	C:\Progr	20.0	NPOC:406.6 mg/L	DF=20
13	Unknown	NPOC	10I307-06R	TCI008-13	0A-123456	C:\Progr	1.00	NPOC:9.446 mg/L	
14	Control	NPOC	CCV1	TCI008-14	0A-123456	C:\Progr	1.00	NPOC:25.48 mg/L	
15	Unknown	NPOC	CCB1	TCI008-15	0A-123456	C:\Progr	1.00	NPOC:0.1009 mg/L	
16	Unknown	NPOC	10I305-01	TCI008-16	0A-123456	C:\Progr	1.00	NPOC:146.5 mg/L	PH<2
17	Unknown	NPOC	10I305-02	TCI008-17	0A-123456	C:\Progr	1.00	NPOC:3.492 mg/L	PH<2
18	Unknown	NPOC	10I305-02D	TCI008-18	0A-123456	C:\Progr	1.00	NPOC:3.520 mg/L	
19	Unknown	NPOC	10I305-02M	TCI008-19	0A-123456	C:\Progr	1.00	NPOC:29.74 mg/L	
20	Unknown	NPOC	10I305-02S	TCI008-20	0A-123456	C:\Progr	1.00	NPOC:29.94 mg/L	
21	Unknown	NPOC	10I349-01	TCI008-21	0A-123456	C:\Progr	1.00	NPOC:1.448 mg/L	PH<2
22	Unknown	NPOC	10I264-07	TCI008-22	0A-123456	C:\Progr	1.00	NPOC:10.79 mg/L	PH<2
23	Unknown	NPOC	10I264-08	TCI008-23	0A-123456	C:\Progr	1.00	NPOC:10.38 mg/L	PH<2
24	Unknown	NPOC	10I264-09	TCI008-24	0A-123456	C:\Progr	1.00	NPOC:9.130 mg/L	PH<2
25	Unknown	NPOC	10I264-10	TCI008-25	0A-123456	C:\Progr	1.00	NPOC:10.09 mg/L	PH<2
26	Control	NPOC	CCV2	TCI008-26	0A-123456	C:\Progr	1.00	NPOC:26.09 mg/L	
27	Unknown	NPOC	CCB2	TCI008-27	0A-123456	C:\Progr	1.00	NPOC:~~0.5276 mg/L~~	0.2351 mg/L Am 9/21/10
28	Unknown	NPOC	10I376-01	TCI008-28	0A-123456	C:\Progr	1.00	NPOC:2.524 mg/L	PH<2
29	Unknown	NPOC	10I375-02	TCI008-29	0A-123456	C:\Progr	1.00	NPOC:3.733 mg/L	PH<2
30	Unknown	NPOC	10I329-02	TCI008-30	0A-123456	C:\Progr	1.00	NPOC:1.184 mg/L	PH<2
31	Unknown	NPOC	10I329-03	TCI008-31	0A-123456	C:\Progr	1.00	NPOC:1.180 mg/L	PH<2
32	Unknown	NPOC	10I329-04	TCI008-32	0A-123456	C:\Progr	1.00	NPOC:1.036 mg/L	PH<2
33	Unknown	NPOC	10I329-05	TCI008-33	0A-123456	C:\Progr	1.00	NPOC:1.547 mg/L	PH<2
34	Unknown	NPOC	10I373-02	TCI008-34	0A-123456	C:\Progr	1.00	NPOC:1.060 mg/L	PH<2
35	Unknown	NPOC	TCI013WL	TCI008-35	0A-123456	C:\Progr	1.00	NPOC:26.09 mg/L	
36	Unknown	NPOC	TCI013WC	TCI008-36	0A-123456	C:\Progr	1.00	NPOC:26.20 mg/L	
37	Unknown	NPOC	TCI013WB	TCI008-37	0A-123456	C:\Progr	1.00	NPOC:0.2617 mg/L	
38	Control	NPOC	CCV3	TCI008-38	0A-123456	C:\Progr	1.00	NPOC:25.51 mg/L	
39	Unknown	NPOC	CCB3	TCI008-39	0A-123456	C:\Progr	1.00	NPOC:0.1595 mg/L	
40	Unknown	NPOC	10I348-02	TCI008-40	0A-123456	C:\Progr	1.00	NPOC:1.734 mg/L	PH<2
41	Unknown	NPOC	10I348-02D	TCI008-41	0A-123456	C:\Progr	1.00	NPOC:1.759 mg/L	
42	Unknown	NPOC	10I348-02M	TCI008-42	0A-123456	C:\Progr	1.00	NPOC:28.06 mg/L	
43	Unknown	NPOC	10I348-02S	TCI008-43	0A-123456	C:\Progr	1.00	NPOC:27.92 mg/L	
44	Unknown	NPOC	10I348-03	TCI008-44	0A-123456	C:\Progr	1.00	NPOC:1.334 mg/L	PH<2
45	Unknown	NPOC	10I348-04	TCI008-45	0A-123456	C:\Progr	1.00	NPOC:6.192 mg/L	PH<2
46	Unknown	NPOC	10I348-05	TCI008-46	0A-123456	C:\Progr	1.00	NPOC:2.433 mg/L	PH<2
47	Unknown	NPOC	10I348-06	TCI008-47	0A-123456	C:\Progr	1.00	NPOC:7.352 mg/L	PH<2
48	Unknown	NPOC	10I304-03	TCI008-48	0A-123456	C:\Progr	4.00	NPOC:3.176 mg/L	PH<2 DF=4
49	Unknown	NPOC	10I304-04	TCI008-49	0A-123456	C:\Progr	4.00	NPOC:4.262 mg/L	PH<2 DF=4
50	Control	NPOC	CCV4	TCI008-50	0A-123456	C:\Progr	1.00	NPOC:25.72 mg/L	
51	Unknown	NPOC	CCB4	TCI008-51	0A-123456	C:\Progr	1.00	NPOC:0.05648 mg	
52	Unknown	NPOC	10I284-03	TCI008-52	0A-123456	C:\Progr	4.00	NPOC:3.095 mg/L	PH<2 DF=4
53	Unknown	NPOC	10I284-04	TCI008-53	0A-123456	C:\Progr	4.00	NPOC:4.053 mg/L	PH<2 DF=4
54	Unknown	NPOC	10I284-05	TCI008-54	0A-123456	C:\Progr	4.00	NPOC:3.470 mg/L	PH<2 DF=4
55	Unknown	NPOC	10I284-07	TCI008-55	0A-123456	C:\Progr	4.00	NPOC:4.168 mg/L	PH<2 DF=4
56	Unknown	NPOC	10I347-02	TCI008-56	0A-123456	C:\Progr	1.00	NPOC:~~1.617 mg/L~~	0.164 mg/L PH<2 Am 9/21/10
57	Unknown	NPOC	10I347-03	TCI008-57	0A-123456	C:\Progr	1.00	NPOC:2.839 mg/L	PH<2
58	Unknown	NPOC	10I347-04	TCI008-58	0A-123456	C:\Progr	1.00	NPOC:1.257 mg/L	PH<2
59	Unknown	NPOC	10I347-05	TCI008-59	0A-123456	C:\Progr	1.00	NPOC:28.95 mg/L	PH<2
60	Unknown	NPOC	10I347-06	TCI008-60	0A-123456	C:\Progr	1.00	NPOC:1.859 mg/L	PH<2
61	Control	NPOC	CCV5	TCI008-61	0A-123456	C:\Progr	1.00	NPOC:25.01 mg/L	
62	Unknown	NPOC	CCB5	TCI008-62	0A-123456	C:\Progr	1.00	NPOC:0.2074 mg/L	
63	Unknown	NPOC	10I265-07	TCI008-63	0A-123456	C:\Progr	1.00	NPOC:11.78 mg/L	PH<2 DF=10
64	Unknown	NPOC	10I265-08	TCI008-64	0A-123456	C:\Progr	1.00	NPOC:0.2581 mg/L	PH<2
65	Control	NPOC	CCV6	TCI008-65	0A-123456	C:\Progr	1.00	NPOC:25.79 mg/L	
66	Unknown	NPOC	CCB6	TCI008-66	0A-123456	C:\Progr	1.00	NPOC:0.07371 mg	
67									

Am 9/21/10

Instr Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	100g

Cal Curve

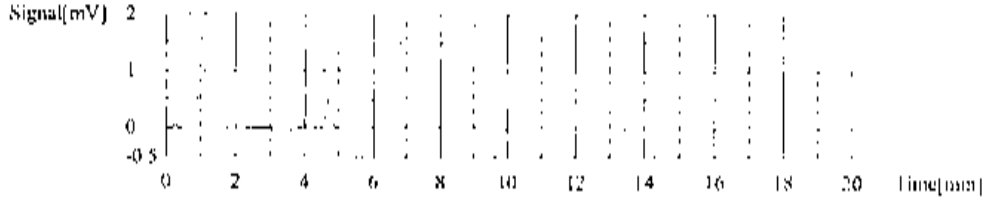
Sample Name	ICAl
Sample ID	1C1008-01
Cal Curve	1C0008 2010 09 28 12 54 49.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/l

No	Area	Inj. Vol.	Aut. Dil.	Rem	Ex	Date / Time
1	0.000	50ul	1	*******		09/28/10 01:03:00 PM
2	0.000	50ul	1	*******		09/28/10 01:05:04 PM
3	0.4599	50ul	1	*******		09/28/10 01:05:50 PM
4	0.4407	50ul	1	*******		09/28/10 01:06:37 PM

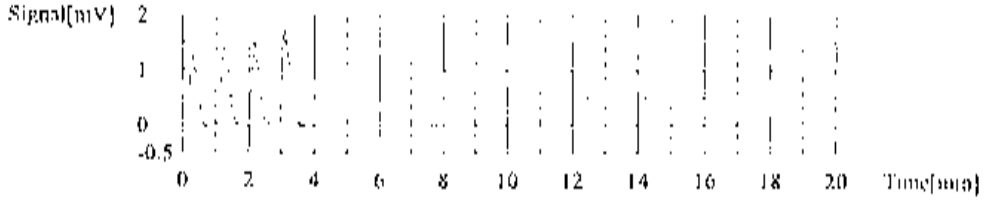
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.1982



Conc: 1.000mg/L

No	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	2.103	50ul	10	*******		09/28/10 01:14:45 PM
2	2.249	50ul	10	*******		09/28/10 01:15:50 PM
3	2.306	50ul	10	*******		09/28/10 01:16:56 PM
4	2.638	50ul	10	*******		09/28/10 01:18:01 PM

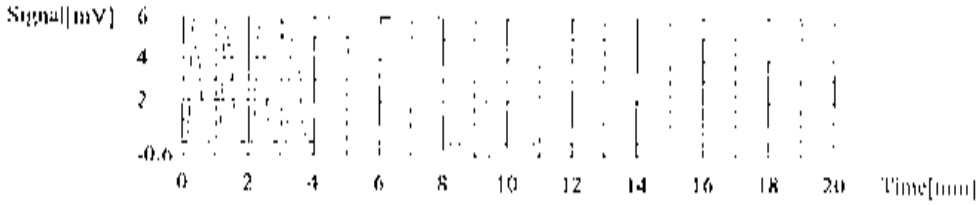
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	2.339



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	10.65	50ul	5	*******		09/28/10 01:24:14 PM
2	10.64	50ul	5	*******		09/28/10 01:25:25 PM
3	10.66	50ul	5	*******		09/28/10 01:26:36 PM
4	11.13	50ul	5	*******		09/28/10 01:27:51 PM

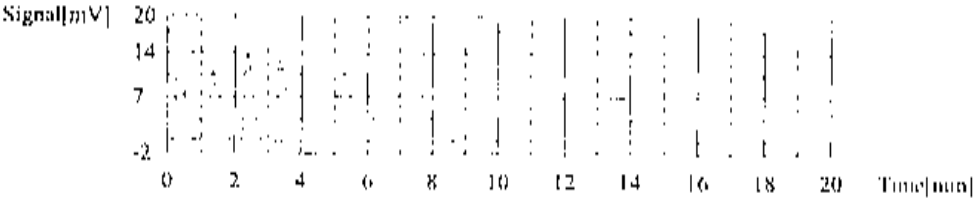
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 10.75



Conc: 10.00mg/l

No.	Area	Inj. Vol	Aut. Dil.	Rem	Fx	Date / Time
1	20.78	50uL	1	-------		09/28/10 01:33.25 PM
2	21.43	50uL	1	-------		09/28/10 01:34.38 PM
3	21.51	50uL	1	-------		09/28/10 01:35.47 PM
4	21.84	50uL	1	-------		09/28/10 01:36.57 PM

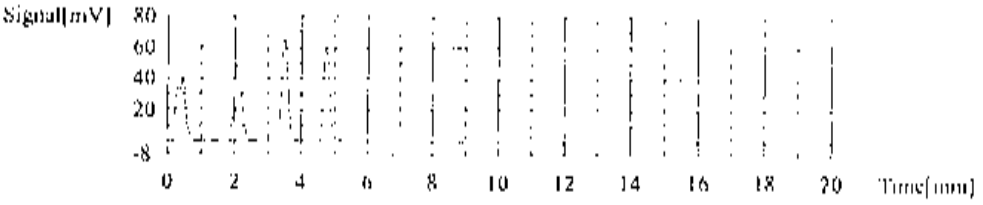
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 21.39



Conc: 40.00mg/l.

No	Area	Inj. Vol.	Aut. Dil	Rem	Fx	Date / Time
1	79.03	50uL	2	-------		09/28/10 01:45:57 PM
2	80.60	50uL	2	-------		09/28/10 01:47.28 PM
3	80.52	50uL	2	-------		09/28/10 01:48:55 PM
4	82.06	50uL	2	-------		09/28/10 01:50.22 PM

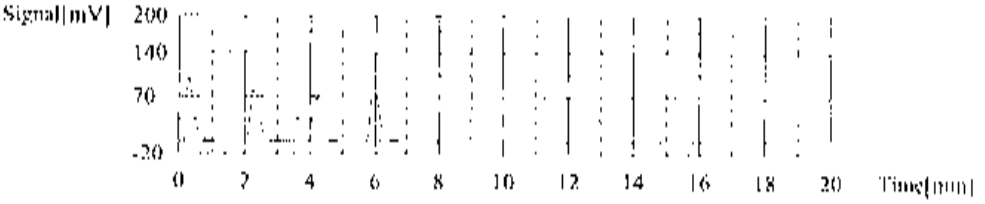
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 80.55



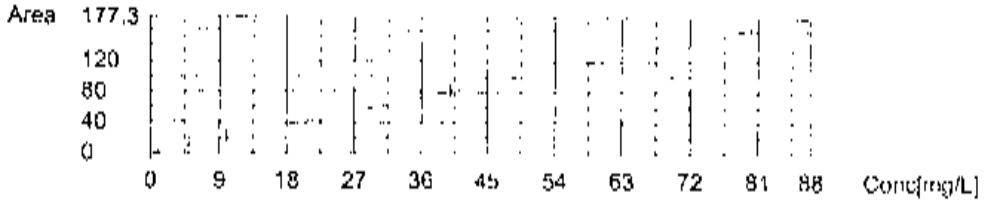
Conc. 80.00mg/l

No	Area	Inj. Vol.	Aut. Dil	Rem.	Fx	Date / Time
1	163.2	50uL	1	-------		09/28/10 01:56:50 PM
2	161.5	50uL	1	-------		09/28/10 01:58:54 PM
3	160.0	50uL	1	-------		09/28/10 02:00:51 PM
4	162.8	50uL	1	-------		09/28/10 02:02.44 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 161.9



Slope 2.015
Intercept 0.000
r^2 0.999950



Control Sample

Sample Name: ICV
Sample ID: TC1008 02
Method: TC1008.tpl
Chk. Result: Control value: 25.93 / Control exceeds range!

Type	Anal.	Dil	Result
Control	NPOC	1.000	NPOC 25.93 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	51.44	25.48mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:10:42 PM
2	52.23	25.99mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:12:08 PM
3	52.38	26.00mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:13:34 PM
4	52.99	26.30mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:15:00 PM

Mean Area: 52.24
Mean Conc.: 25.93mg/L

Sample

Sample Name: ICB
Sample ID: TC1008 03
Origin: TC1008.cal
Chk. Result:

Type	Anal.	Dil	Result
Unknown	NPOC	1.000	NPOC 0.1207 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.1018	0.08031mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:22:11 PM
2	0.1590	0.07892mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:23:06 PM
3	0.1890	0.09381mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:23:59 PM
4	0.4588	0.2277mg/L	50uL	1		TC1008.2010 09 28 12 54 49.cal	09/28/10 02:24:56 PM

Mean Area: 0.2432
Mean Conc.: 0.1207mg/L

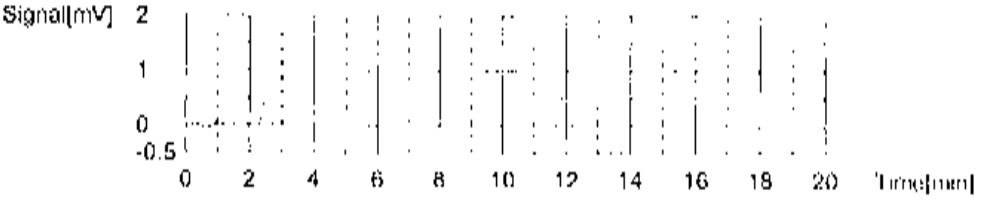


TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I343**

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Cover Letter, COC/Sample Receipt Form		1000 – 1003
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GC/MS-SVOA	**	3000 –
GC-VOA	METHOD RSK-175	4000 – 4034
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-19-2010
EMAX Batch No.: 10I343

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/23/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-MNA01-A10	I343-01	09/22/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA10-A10	I343-02	09/22/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA12-A10	I343-03	09/22/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW 70-43B A10	I343-04	09/22/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA14-A10	I343-05	09/22/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
TB-09/22/10	I343-06	09/22/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA15-A10	I343-07	09/23/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. * 10I343
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEOTEL
PROJECT: NWS SEAL BEACH IN SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714 688 6700 FAX: 714 688 6711 EMAIL: NWEINBERGER@GEOTEL.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEOTEL
ADDRESS: 3010 E. MIRALOMA AVE
ANAHEIM, CA 92806
EMAX PM: Ye Myint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC - HCl
WW=Waste Water	NN=NaOH
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Product	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOC (8260B); DISS Lons (Br, Cl, F, NO3, PO4, SO4) ALT-121 (Alkalinity, 2320B, 2340B, 300.0); TOC (5310B); DISS H2S (SFCOF); DISS METAL (6010B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	HC	HC	HC	HC	HC	HN	COMMENTS
1	MW-70-MNA01-A10	IN 70	9/23/10	0844	6	40ml	VOA	GW	III	X	X					
2	MW-70-MNA10-A10	↓	↓	0942	6	↓	↓	GW	III	X	X					
3	MW-70-MNA12-A10	↓	↓	1056	6	↓	↓	GW	III	X	X					
4	MW-70-MB3-A10	↓	↓	1245	3	↓	↓	GW	III	X						
5	MW-70-MNA14-A10	IN 70	9/22/10	1344	6	↓	↓	GW	III	X	X					
6	TB-09/22/10	IN 70	9/24/10	0700	2	↓	↓	GW	III	X						TRIP BLANK
7	MW-70-MNA15-A10	IN 70	9/23/10	0920	6	40ml	VOA	GW	III	X	X					
8																
9																
10																

Instructions

Cooler #	Temp (°C)
1	3.0

Samples as

SAMPLER: CHASE BRADDON
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/23/10	1005	Keith Stout
Keith Stout	9/23/10	1437	[signature]

NOTICE: Turn around time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 500 pm, TAT shall commence 8:00 am the next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 30 days [30] calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged by EMAX. Charges for sample disposal shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☒ EMAX Courier	SEE COC	RCN 101343
☐ Client Delivery		Receipt J-LUNA
☐ Third Party		Date 9-23-10
		Time 1437

COC Inspection

☒ Client Name	☒ Client PM/FC	☒ Sampler Name	☒ Sampling Date/Time/Location	☒ Sample ID	☒ Matrix
☒ Address	☒ Tel # / Fax #	☒ Client Signature	☒ Analysis Required	☒ Preservative (if any)	☒ TAT
Safety Issues	☒ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other						
Condition	☐ Custody Seal	☒ Intact	☐ Damaged						
Packaging	☒ Bubble Pack	☐ Styrofoam	☐ Popcorn	☒ Sufficient					
Temperatures (Cool, +6 °C but not frozen)	☒ Cooler 1 3.0 °C	☐ Cooler 2 °C	☐ Cooler 3 °C	☐ Cooler 4 °C	☐ Cooler 5 °C				
	☐ Cooler 6 ___ °C	☐ Cooler 7 °C	☐ Cooler 8 °C	☐ Cooler 9 ___ °C	☐ Cooler 10 °C				

Thermometer: *A - S/N 101541371* *B - S/N 101541382*

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-02	009		F2	R6

REVIEWS

Sample Labeler: [signature] Date: 9/23/10

SRF: [signature] Date: 9/23/10

PM: [signature] Date: 9/23/10

LEGEND

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
	A1 Analysis is not indicated in COC		D1 Date and/or time is not indicated in COC		R1 Hold sample(s); wait for further instructions
	A2 Analysis is not indicated in label		D2 Date and/or time is not indicated in label		R2 Proceed as indicated in COC
	A3 Analysis is inconsistent in COC vis-à-vis label		D3 Date and/or time is inconsistent in COC vis-à-vis label		R3 Refer to attached instruction
	A4 ___		E1 Insufficient preservative		R4 Cancel the analysis
	B1 Sample ID is not indicated in COC		E2 Improper preservation		R5 ___
	B2 Sample ID is not indicated in label		F1 Insufficient Sample		R6 Analysis on the remaining vials.
	B3 Sample ID is inconsistent in COC vis-à-vis label		F2 Bubble is > 6mm		
	B4 ___		G1 Temperature is out of range		
	C1 Wrong container		G2 Out of Holding Time		
	C2 Broken container		G3 >20% solid particle		
	C3 Leaking container		H1 ___		
	C4 ___		H2 ___		

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I343

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I343

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of seven (7) water samples were received on 09/23/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO06I27L/C were all within QC limits.
Percent recoveries for VO06I29L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample I343-02 vials received for VOA analysis has bubbles >6mm. Analysis was performed using vial with the smallest bubbles.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 101343
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006127B	1	NA	09/28/1023:04	09/28/1023:04	R1W544	R1W064	V006127	Method Blank
LCS1W	V006127L	1	NA	09/28/1021:31	09/28/1021:31	R1W541	R1W064	V006127	Lab Control Sample (LCS)
LCD1W	V006127C	1	NA	09/28/1022:02	09/28/1022:02	R1W542	R1W064	V006127	LCS Duplicate
TB-09/22/10	I343-06	1	NA	09/28/1023:35	09/28/1023:35	R1W545	R1W064	V006127	Field Sample
MW-70-MWA01-A10	I343-01	1	NA	09/29/1004:13	09/29/1004:13	R1W554	R1W064	V006127	Field Sample
MW-70-MWA15-A10	I343-07	1	NA	09/29/1006:47	09/29/1006:47	R1W559	R1W064	V006127	Field Sample
MBLK2W	V006129B	1	NA	09/30/1000:11	09/30/1000:11	R1W590	R1W064	V006129	Method Blank
LCS2W	V006129L	1	NA	09/29/1022:37	09/29/1022:37	R1W587	R1W064	V006129	Lab Control Sample (LCS)
LCD2W	V006129C	1	NA	09/29/1023:09	09/29/1023:09	R1W588	R1W064	V006129	LCS Duplicate
MW-70-MWA12-A10	I343-03R	1	NA	09/30/1000:42	09/30/1000:42	R1W591	R1W064	V006129	Field Sample
MW-70-MWA01-A100L	I343-01T	50	NA	09/30/1003:22	09/30/1003:22	R1W596	R1W064	V006129	Diluted Sample
MW-70-MWA13-A10	I343-02R	1	NA	09/30/1003:53	09/30/1003:53	R1W597	R1W064	V006129	Field Sample
MW-70-MWA10-A100L	I343-02T	10	NA	09/30/1004:26	09/30/1004:26	R1W598	R1W064	V006129	Diluted Sample
MW-70-MWA12-A100L	I343-03T	25	NA	09/30/1004:57	09/30/1004:57	R1W599	R1W064	V006129	Diluted Sample
MW-70-43B-A10	I343-04R	1	NA	09/30/1005:28	09/30/1005:28	R1W600	R1W064	V006129	Field Sample
MW-70-MWA14-A10	I343-05R	1	NA	09/30/1006:01	09/30/1006:01	R1W601	R1W064	V006129	Field Sample
MW-70-MWA15-A100L	I343-07T	25	NA	09/30/1006:33	09/30/1006:33	R1W602	R1W064	V006129	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/29/10 04:13
Sample ID:	MW-70-MNA01-A10	Date Analyzed:	09/29/10 04:13
Lab Samp ID:	I343-01	Dilution Factor:	1
Lab File ID:	RIW554	Matrix :	WATER
Ext Btch ID:	VO06I27	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.35J	1.0	0.20
FREON113	3.4	1.0	0.20
1,1-DICHLOROETHANE	0.96J	1.0	0.20
1,1-DICHLOROETHENE	3.2	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	7.2	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	410E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.66J	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	49	1.0	0.20
TRICHLOROETHENE	830E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	330E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	94	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 03:22
Sample ID:	MW-70-MNA01-A10DL	Date Analyzed:	09/30/10 03:22
Lab Samp ID:	I343-01T	Dilution Factor:	50
Lab File ID:	RIW596	Matrix :	WATER
Ext Btch ID:	V006129	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	490	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	46J	50	10
TRICHLOROETHENE	2200	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	300	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	09/30/10 03:53
Sample ID:	MW-70-MNA10-A10	Date Analyzed:	09/30/10 03:53
Lab Samp ID:	1343-02R	Dilution Factor:	1
Lab File ID:	RIW597	Matrix :	WATER
Ext Batch ID:	V006129	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.90J	1.0	0.20
1,1-DICHLOROETHENE	0.65	0.50	0.50
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	150E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	5.7	1.0	0.50
TRICHLOROETHENE	8.8	5.0	0.50
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	98E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 04:26
Sample ID:	MW-70-MNA10-A100L	Date Analyzed:	09/30/10 04:26
Lab Samp ID:	1343-02T	Dilution Factor:	10
Lab File ID:	RIW598	Matrix	: WATER
Ext Btch ID:	V006129	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,1,2-TETRACHLOROETHANE	ND	10	3.0
1,1,2,2-TETRACHLOROETHANE	ND	10	5.0
1,1,2-TRICHLOROETHANE	ND	10	5.0
FREON113	ND	10	2.0
1,1-DICHLOROETHANE	ND	10	2.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	10	6.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	5.0
1,2-DIBROMOETHANE	ND	10	2.0
1,2-DICHLOROBENZENE	ND	10	3.0
1,2-DICHLOROETHANE	ND	5.0	6.0
1,2-DICHLOROPROPANE	ND	10	2.0
1,2,3-TRICHLOROBENZENE	ND	10	3.0
1,2,3-TRICHLOROPROPANE	ND	10	5.0
1,2,4-TRICHLOROBENZENE	ND	10	3.0
1,2,4-TRIMETHYLBENZENE	ND	10	3.0
1,3-DICHLOROBENZENE	ND	10	3.0
1,3,5-TRIMETHYLBENZENE	ND	10	5.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	3.0
4-CHLOROTOLUENE	ND	10	2.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	3.0
P-ISOPROPYLTOLUENE	ND	10	2.0
SEC-BUTYLBENZENE	ND	10	3.0
TERT-BUTYLBENZENE	ND	10	5.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	3.0
BROMODICHLOROMETHANE	ND	10	3.0
CIS-1,3-DICHLOROPROPENE	ND	10	2.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	3.0
BROMOFORM	ND	10	3.0
CARBON DISULFIDE	ND	10	3.0
CARBON TETRACHLORIDE	ND	5.0	2.0
CHLOROBENZENE	ND	10	3.0
CHLOROETHANE	ND	20	5.0
CHLOROFORM	ND	10	2.0
CHLOROMETHANE	ND	20	2.0
CIS-1,2-DICHLOROETHENE	160	10	3.0
DICHLORODIFLUOROMETHANE	ND	20	3.0
DIBROMOCHLOROMETHANE	ND	10	2.0
DIBROMOMETHANE	ND	10	2.0
ETHYLBENZENE	ND	10	3.0
HEXACHLOROBUTADIENE	ND	10	3.0
ISOPROPYL BENZENE	ND	10	3.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	10	3.0
STYRENE	ND	10	5.0
TETRACHLOROETHYLENE	ND	10	5.0
TOLUENE	ND	10	2.0
TRANS-1,2-DICHLOROETHENE	5.5J	10	5.0
TRICHLOROETHENE	8.7J	50	5.0
TRICHLOROFLUOROMETHANE	ND	20	2.0
VINYL CHLORIDE	110	5.0	2.0
XYLENES (TOTAL)	ND	20	5.0
M/P-XYLENES	ND	10	5.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 00:42
Sample ID:	MW-70-MNA12-A10	Date Analyzed:	09/30/10 00:42
Lab Samp ID:	I343-03R	Dilution Factor:	1
Lab File ID:	RIW591	Matrix :	WATER
Ext Btch ID:	VO06I29	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.49J	1.0	0.20
1,1-DICHLOROETHENE	2.8	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	560E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	20	1.0	0.20
TRICHLOROETHENE	14	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1.6	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 04:57
Sample ID:	MW-70-MNA12-A10DL	Date Analyzed:	09/30/10 04:57
Lab Samp ID:	I343-03T	Dilution Factor:	25
Lab File ID:	RIW599	Matrix	: WATER
Ext Batch ID:	V006129	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	50	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	ND	12	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	25	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	5.0
1,2,3-TRICHLOROPROPANE	ND	50	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	ND	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3 DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	720	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS-1,2-DICHLOROETHENE	20J	25	5.0
TRICHLOROETHENE	15J	120	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	ND	12	5.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 05:28
Sample ID:	MW-70-43B-A10	Date Analyzed:	09/30/10 05:28
Lab Samp ID:	I343-04R	Dilution Factor:	1
Lab File ID:	RIW600	Matrix	: WATER
Ext Btch ID:	VO06I29	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	0.21J	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	6.5J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	9.0	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.35J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	2.5	1.0	0.20
TRICHLOROETHENE	37	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.43J	0.50	0.20
XYLENES (TOTAL)	0.33J	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	0.33J	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 06:01
Sample ID:	MW-70-MNA14-A10	Date Analyzed:	09/30/10 06:01
Lab Samp ID:	I343-05R	Dilution Factor:	1
Lab File ID:	RIW601	Matrix	: WATER
Ext Btch ID:	VD06129	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	14	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	0.58J	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.25J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.30
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	09/28/10 23:35
Sample ID:	TB-09/22/10	Date Analyzed:	09/28/10 23:35
Lab Samp ID:	I343-06	Dilution Factor:	1
Lab File ID:	RIW545	Matrix	: WATER
Ext Btch ID:	V006127	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4 TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.71J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	94	70-130
TOLUENE-D8	96	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	09/29/10 06:47
Sample ID:	MW-70-MNA15-A10	Date Analyzed:	09/29/10 06:47
Lab Samp ID:	1343 07	Dilution Factor:	1
Lab File ID:	RIW559	Matrix	: WATER
Ext Btch ID:	V006127	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	1.0	1.0	0.20
1,1-DICHLOROETHENE	3.3	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2 DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	270E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	84	1.0	0.20
TRICHLOROETHENE	680E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	5.3	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	95	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 10I343	Date Extracted:	09/30/10 06:33
Sample ID:	MW-70-MNA15-A10DL	Date Analyzed:	09/30/10 06:33
Lab Samp ID:	I343-07T	Dilution Factor:	25
Lab File ID:	RIW602	Matrix :	WATER
Ext Btch ID:	V006I29	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	25	5.0
1,1,1,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2,2-TETRACHLOROETHANE	ND	25	5.0
1,1,2-TRICHLOROETHANE	ND	25	5.0
FREON113	ND	25	5.0
1,1-DICHLOROETHANE	ND	25	5.0
1,1-DICHLOROETHENE	ND	12	5.0
1,1-DICHLOROPROPENE	ND	25	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	50	12
1,2-DIBROMOETHANE	ND	25	5.0
1,2-DICHLOROBENZENE	ND	25	5.0
1,2-DICHLOROETHANE	ND	12	5.0
1,2-DICHLOROPROPANE	ND	25	5.0
1,2,3-TRICHLOROBENZENE	ND	25	5.0
1,2,3-TRICHLOROPROPANE	ND	25	12
1,2,4-TRICHLOROBENZENE	ND	25	5.0
1,2,4-TRIMETHYLBENZENE	ND	25	5.0
1,3-DICHLOROBENZENE	ND	25	5.0
1,3,5-TRIMETHYLBENZENE	ND	25	5.0
1,4-DICHLOROBENZENE	ND	25	5.0
2-BUTANONE	ND	250	120
2-CHLOROTOLUENE	ND	25	5.0
2-HEXANONE	ND	250	120
2,2-DICHLOROPROPANE	ND	25	5.0
4-CHLOROTOLUENE	ND	25	5.0
4-METHYL-2-PENTANONE	ND	250	120
N-BUTYLBENZENE	ND	25	5.0
N-PROPYLBENZENE	ND	25	5.0
P-ISOPROPYLTOLUENE	ND	25	5.0
SEC-BUTYLBENZENE	ND	25	5.0
TERT-BUTYLBENZENE	ND	25	5.0
ACETONE	ND	250	120
BENZENE	ND	25	5.0
BROMOBENZENE	ND	25	5.0
BROMODICHLOROMETHANE	ND	25	5.0
CIS-1,3-DICHLOROPROPENE	ND	25	5.0
TRANS-1,3-DICHLOROPROPENE	ND	25	5.0
BROMOMETHANE	ND	50	5.0
BROMOFORM	ND	25	7.5
CARBON DISULFIDE	ND	25	5.0
CARBON TETRACHLORIDE	ND	12	5.0
CHLOROBENZENE	ND	25	5.0
CHLOROETHANE	ND	50	5.0
CHLOROFORM	ND	25	5.0
CHLOROMETHANE	ND	50	5.0
CIS-1,2-DICHLOROETHENE	320	25	5.0
DICHLORODIFLUOROMETHANE	ND	50	7.5
DIBROMOCHLOROMETHANE	ND	25	5.0
DIBROMOMETHANE	ND	25	5.0
ETHYLBENZENE	ND	25	5.0
HEXACHLOROBUTADIENE	ND	25	5.0
ISOPROPYL BENZENE	ND	25	5.0
METHYLENE CHLORIDE	ND	25	12
MTBE	ND	25	5.0
STYRENE	ND	25	5.0
TETRACHLOROETHYLENE	ND	25	5.0
TOLUENE	ND	25	5.0
TRANS-1,2-DICHLOROETHENE	95	25	5.0
TRICHLOROETHENE	1200	120	5.0
TRICHLOROFLUOROMETHANE	ND	50	5.0
VINYL CHLORIDE	5.9J	12	5.0
XYLENES (TOTAL)	ND	50	5.0
M/P-XYLENES	ND	25	12
O-XYLENE	ND	25	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	95	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 10I343	Date Extracted:	09/28/10 23:04
Sample ID:	MBLK1W	Date Analyzed:	09/28/10 23:04
Lab Samp ID:	V006I27B	Dilution Factor:	1
Lab File ID:	RIW544	Matrix :	WATER
Ext Btch ID:	V006I27	% Moisture :	NA
Calib. Ref.:	RIW064	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	0.21J	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	97	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101343
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V0061278	V0061271	V0061270		
LAB FILE ID:	RIW544	RIW541	RIW542		
DATE EXTRACTED:	09/28/1023:04	09/28/1021:31	09/28/1022:02	DATE COLLECTED:	NA
DATE ANALYZED:	09/28/1023:04	09/28/1021:31	09/28/1022:02	DATE RECEIVED:	09/28/10
PREP. BATCH:	V006127	V006127	V006127		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.88	89	10.0	9.20	92	4	60-130	30
Benzene	ND	10.0	9.73	97	10.0	9.74	97	0	70-130	30
Chlorobenzene	ND	10.0	10.7	107	10.0	10.8	108	0	70-120	30
Toluene	ND	10.0	10.1	101	10.0	10.1	101	0	70-130	30
Trichloroethene	ND	10.0	9.64	96	10.0	9.69	97	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.4	104	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	9.53	95	10.0	9.48	95	70-130
Toluene-d8	10.0	9.77	98	10.0	9.64	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101343	Date Extracted:	09/30/10 00:11
Sample ID:	MBLKZW	Date Analyzed:	09/30/10 00:11
Lab Samp ID:	V0061298	Dilution Factor:	1
Lab File ID:	RIW590	Matrix	: WATER
Ext Btch ID:	V0061P9	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2 CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	96	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101343
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V006129B	V006129L	V006129C		
LAB FILE ID:	RIW590	RIW587	RIW588		
DATE EXTRACTED:	09/30/1000:11	09/29/1022:37	09/29/1023:09	DATE COLLECTED:	NA
DATE ANALYZED:	09/30/1000:11	09/29/1022:37	09/29/1023:09	DATE RECEIVED:	09/29/10
PREP. BATCH:	V006129	V006129	V006129		
CALIB. REF:	RIW064	RIW064	RIW064		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.30	93	10.0	9.00	90	3	60-130	30
Benzene	ND	10.0	9.84	98	10.0	9.63	96	2	70-130	30
Chlorobenzene	ND	10.0	10.8	108	10.0	10.6	106	1	70-120	30
Toluene	ND	10.0	10.2	102	10.0	10.1	101	1	70-130	30
Trichloroethene	ND	10.0	9.80	98	10.0	9.66	97	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.8	108	10.0	10.6	106	70-140
4-Bromofluorobenzene	10.0	9.48	95	10.0	9.57	96	70-130
Toluene-d8	10.0	9.59	96	10.0	9.77	98	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW058
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101343
BFB Injection Date : 09/02/10
BFB Injection Time : 17:36
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.24
75	30.0 - 60.0% of mass 95	43.63
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.40
175	5.0 - 9.0% of mass 174	6.87(7.9)1
176	95.0 - 101.0% of mass 174	83.81(97.0)1
177	5.0 - 9.0% of mass 176	5.57(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.5	V0061021	RIW059	09/02/10	18:08
2	VSTD0.5	V0061022	RIW060	09/02/10	18:39
3	VSTD01	V0061023	RIW061	09/02/10	19:12
4	VSTD02	V0061024	RIW062	09/02/10	19:45
5	VSTD05	V0061025	RIW063	09/02/10	20:18
6	VSTD010	V0061026	RIW064	09/02/10	20:49
7	VSTD020	V0061027	RIW065	09/02/10	21:22
8	VSTD030	V0061028	RIW066	09/02/10	21:54
9	VSTD040	V0061029	RIW067	09/02/10	22:26
10	VSTD050	V00610210	RIW068	09/02/10	22:57
11	VSTD100	V00610211	RIW069	09/02/10	23:29

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW199
Instrument ID: ID06
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101343
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.15
175	5.0 - 9.0% of mass 174	5.90(7.5)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV0610203	RIW200	09/09/10	10:05

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

strument ID :T006
ginning DateTime :09/02/10 18:08
ike Units :PPB
File :R1W064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V006I02

IDX	Parameters	.3 18:08 R1W059	.5 18:39 R1W060	1 19:12 R1W061	2 19:45 R1W062	5 20:18 R1W063	10 20:49 R1W064	20 21:22 R1W065	30 21:54 R1W066	40 22:26 R1W067	50 22:57 R1W068	100 23:29 R1W069	Av_RRF	%_RSD	Av_Rt_M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
2	Dichlorodifluoromethane	0.236	0.295	0.295	0.308	0.330	0.314	0.315	0.349	0.318	0.301	0.323	0.308	9.31	1.9159
3	Chloromethane	0.361	0.325	0.355	0.393	0.407	0.406	0.426	0.461	0.438	0.416	0.431	0.402	10.04	2.1753
4	Vinyl chloride	0.276	0.327	0.367	0.384	0.386	0.359	0.297	0.272	------	------	------	0.334	14.14	2.3165
5	Bromomethane	------	0.216	0.245	0.277	0.259	0.264	0.272	0.286	0.279	0.272	0.283	0.265	8.02	2.8413
6	Chloroethane	0.185	0.199	0.251	0.252	0.247	0.245	0.241	0.255	0.247	0.239	0.246	0.237	9.68	2.9386
7	Dichlorofluoromethane	0.538	0.545	0.592	0.515	0.577	0.586	0.582	0.580	0.576	0.556	0.574	0.565	4.25	2.9818
8	Trichlorofluoromethane	------	0.325	0.339	0.379	0.400	0.384	0.388	0.426	0.398	0.377	0.399	0.382	7.81	3.2500
9	Acrolein	------	------	------	0.004	0.005	0.005	0.006	0.007	0.006	0.006	------	0.006	15.72	3.7679
10	Acetone	------	------	------	0.031	0.034	0.030	0.029	0.035	0.028	0.028	0.030	0.031	9.41	3.8471
11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.185	0.172	0.175	0.159	0.181	0.182	0.182	0.190	0.182	0.174	0.187	0.179	4.84	3.8019
12	1,1-Dichloroethene	0.411	0.415	0.451	0.428	0.457	0.457	0.459	0.471	0.456	0.429	0.453	0.444	4.48	4.0194
13	tert-Butyl alcohol	------	0.013	0.020	0.015	0.017	0.017	0.017	0.018	0.016	0.015	0.017	0.017	11.42	4.1208
14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	0.452	0.480	0.508	0.490	0.525	0.539	0.549	0.539	0.550	0.528	0.564	0.521	6.57	4.4247
17	Methylene chloride	------	0.464	0.427	0.384	0.389	0.386	0.382	0.372	0.360	0.341	0.353	0.386	9.34	4.6529
18	Acrylonitrile	0.046	0.043	0.061	0.046	0.057	0.049	0.053	0.061	0.048	0.047	0.052	0.051	12.28	4.8138
19	Carbon disulfide	------	0.933	1.162	1.089	1.197	1.140	1.183	1.292	1.259	1.202	1.254	1.171	8.80	4.6677
20	tert-Butyl methyl ether (MTBE)	0.393	0.391	0.435	0.390	0.446	0.428	0.429	0.471	0.441	0.421	0.473	0.429	6.81	4.8476
21	trans-1,2-Dichloroethene	0.412	0.424	0.467	0.439	0.466	0.470	0.469	0.462	0.463	0.436	0.454	0.451	4.49	5.0407
22	Isopropyl ether (DIPE)	0.994	0.940	1.015	0.984	1.039	1.086	1.099	1.008	1.054	0.997	1.036	1.023	4.51	5.4663
23	Vinyl acetate	------	0.265	0.314	0.269	0.305	0.282	0.283	0.337	0.282	0.266	0.286	0.289	8.03	5.6277
24	1,1-Dichloroethane	0.527	0.499	0.515	0.512	0.546	0.560	0.565	0.541	0.554	0.521	0.543	0.535	4.03	5.6284
25	2-Butanol	------	------	------	0.011	0.012	0.010	0.01[illegible]	0.014	0.011	0.011	0.013	0.011	12.64	5.9276
26	tert-Butyl ethy. ether (ETBE)	0.499	0.513	0.524	0.517	0.553	0.573	0.593	0.584	0.599	0.587	0.641	0.562	7.91	6.0364
27	2-Butanone	------	------	0.078	0.061	0.073	0.062	0.064	0.079	0.062	0.060	0.067	0.067	11.17	6.2094
28	2,2-Dichloropropane	0.276	0.284	0.285	0.262	0.291	0.269	0.275	0.277	0.263	0.242	0.251	0.271	5.57	6.4147
29	cis-1,2-Dichloroethene	0.357	0.370	0.355	0.341	0.360	0.364	0.366	0.353	0.358	0.342	0.355	0.356	2.52	6.4863
30	Chloroform	0.469	0.464	0.488	0.470	0.491	0.510	0.512	0.484	0.498	0.472	0.492	0.486	3.36	6.7106
31	Bromochloromethane	0.205	0.207	0.229	0.205	0.230	0.229	0.227	0.234	0.220	0.208	0.219	0.219	5.17	6.9497
32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
33	Dibromofluoromethane	------	------	------	0.299	0.307	0.314	0.325	0.325	0.329	0.314	0.316	0.316	3.23	7.0218
34	1,1,1-Trichloroethane	0.343	0.321	0.355	0.342	0.380	0.385	0.393	0.388	0.388	0.365	0.369	0.368	6.68	7.2929
35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
36	tert-Amyl methyl ether (TAME)	------	0.073	0.080	0.081	0.087	0.092	0.099	0.102	0.099	0.098	0.110	0.092	12.51	7.6920
37	1,2-Dichloroethane-d4	------	------	------	0.220	0.235	0.217	0.222	0.243	------	------	------	0.228	5.01	7.7631
38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
39	1,1-Dichloropropene	0.142	0.161	0.179	0.164	0.185	0.180	0.186	0.189	0.189	0.177	0.196	0.177	8.90	7.5266
40	Carbon tetrachloride	0.284	0.295	0.326	0.324	0.370	0.369	0.376	0.387	0.389	0.364	0.404	0.353	11.28	7.6766
41	1,2-Dichloroethane	0.273	0.260	0.311	0.266	0.303	0.285	0.286	0.302	0.275	0.259	0.284	0.282	6.24	7.9076
42	Benzene	1.457	1.429	1.438	1.402	1.476	1.451	1.473	1.419	1.459	1.374	1.465	1.440	2.19	7.9319
43	Trichloroethene	0.392	0.368	0.389	0.389	0.411	0.419	0.430	0.419	0.433	0.411	0.450	0.410	5.77	8.8722
44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
45	1,2-Dichloropropane	0.314	0.327	0.336	0.325	0.346	0.355	0.36[illegible]	0.346	0.355	0.336	0.362	0.342	4.68	9.1535
46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
47	Bromodichloroethane	0.297	0.307	0.339	0.328	0.369	0.377	0.400	0.391	0.398	0.381	0.425	0.365	11.32	9.5288
48	Dibromomethane	0.141	0.128	0.150	0.138	0.168	0.149	0.157	0.171	0.153	0.146	0.164	0.151	8.67	9.6193

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	0.214	0.158	0.203	0.172	0.176	0.215	0.173	0.170	0.194	0.186	11.18	10.0683
51	cis-1,3-Dichloropropene	0.374	0.362	0.394	0.396	0.453	0.468	0.487	0.486	0.488	0.468	0.517	0.445	12.05	10.4218
52	Toluene-d8	------	------	------	1.327	1.355	1.327	1.381	1.363	1.418	1.333	1.357	1.357	2.27	10.8262
53	Toluene	1.433	1.393	1.451	1.412	1.507	1.514	1.528	1.456	1.502	1.417	1.499	1.465	3.22	10.9636
54	Ethyl methacrylate	------	0.199	0.249	0.219	0.283	0.255	0.266	0.300	0.269	0.260	0.303	0.260	12.58	11.2526
55	trans-1,3-Dichloropropene	------	0.234	0.284	0.262	0.321	0.325	0.343	0.355	0.343	0.327	0.368	0.316	13.56	11.2750
5 56	2-Hexanone	------	------	0.128	0.102	0.131	0.112	0.114	0.141	0.113	0.110	0.128	0.120	10.54	11.5527
57	1,1,2-Trichloroethane	0.185	0.175	0.222	0.191	0.226	0.207	0.209	0.224	0.204	0.194	0.218	0.205	8.34	11.5445
58	1,3-Dichloropropane	0.343	0.345	0.412	0.352	0.416	0.387	0.394	0.422	0.390	0.367	0.412	0.386	7.66	11.9890
59	Tetrachloroethene	0.293	0.279	0.290	0.295	0.329	0.329	0.329	0.323	0.327	0.304	0.326	0.311	6.14	12.1011
60	Dibromochloromethane	------	0.179	0.199	0.187	0.230	0.234	0.255	0.267	0.257	0.246	------	0.228	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	0.188	0.178	0.201	0.184	0.223	0.206	0.212	0.237	0.213	0.203	0.234	0.207	9.33	12.8198
63	1-Chlorohexane	0.479	0.476	0.533	0.528	0.633	0.619	0.629	0.628	0.608	0.558	0.588	0.571	10.42	13.1089
64	Chlorobenzene	0.901	0.876	0.905	0.889	0.948	0.969	0.989	0.943	0.973	0.917	0.977	0.935	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	0.245	0.228	0.243	0.258	0.283	0.295	0.307	0.288	0.303	0.288	0.315	0.278	10.51	13.6574
66	Ethylbenzene	1.487	1.479	1.530	1.536	1.652	1.668	1.683	1.599	1.605	1.476	1.507	1.566	5.01	13.6764
2 67	m-Xylene & p-Xylene	1.123	1.113	1.118	1.155	1.221	1.240	1.246	1.182	1.207	1.120	1.132	1.169	4.46	13.8142
68	o-Xylene	1.080	1.125	1.116	1.153	1.241	1.277	1.300	1.229	1.257	1.165	1.220	1.197	6.07	14.6315
69	Styrene	------	0.634	0.693	0.727	0.844	0.888	0.940	0.908	0.947	0.901	0.975	0.846	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	3.643	3.663	3.630	3.826	4.317	4.248	4.363	4.083	4.255	3.982	4.046	4.005	6.95	15.3124
72	Bromoform	------	0.189	0.278	0.242	0.312	0.290	0.325	0.371	0.353	0.345	------	0.301	19.34	15.3411
73	1,1,2,2-Tetrachloroethane	0.556	0.564	0.737	0.581	0.729	0.626	0.646	0.742	0.659	0.637	0.722	0.654	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	1.104	1.145	1.111	1.181	1.149	1.225	1.168	1.166	1.156	3.35	15.7898
75	1,2,3-Trichloropropane	------	0.141	0.203	0.150	0.186	0.159	0.162	0.191	0.167	0.162	0.184	0.170	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	0.132	0.093	0.127	0.109	0.125	0.141	0.129	0.127	0.137	0.124	11.87	15.4051
77	n-Propylbenzene	4.415	4.440	4.487	4.702	5.440	5.343	5.425	5.084	5.189	4.817	4.891	4.930	7.94	16.0839
78	Bromobenzene	0.840	0.836	0.903	0.906	0.958	0.946	0.972	0.937	0.991	0.948	0.992	0.930	5.77	16.1649
79	1,3,5-Trimethylbenzene	2.733	2.618	2.724	2.910	3.290	3.349	3.356	3.071	3.188	2.978	3.123	3.031	8.60	16.3878
80	2-Chlorotoluene	3.082	2.995	3.010	3.079	3.434	3.404	3.224	3.156	3.121	3.136	3.143	3.162	4.50	16.4230
81	4-Chlorotoluene	2.653	2.511	2.503	2.580	2.651	2.672	2.945	2.555	2.950	2.530	2.641	2.654	5.92	16.5148
82	tert-Butylbenzene	0.644	0.648	0.654	0.696	0.832	0.831	0.843	0.783	0.799	0.751	0.824	0.755	10.65	17.0822
83	1,2,4-Trimethylbenzene	2.726	2.675	2.691	2.846	3.171	3.229	3.277	2.971	3.083	2.898	3.023	2.963	7.25	17.1566
84	sec-Butylbenzene	3.641	3.537	3.562	3.833	4.660	4.627	4.609	4.304	4.270	4.019	4.338	4.127	10.46	17.4997
85	p-Isopropyltoluene	------	2.648	2.625	2.882	3.500	3.579	3.595	3.277	3.318	3.121	3.389	3.193	11.38	17.7692
86	1,3-Dichlorobenzene	1.719	1.655	1.673	1.664	1.843	1.884	1.927	1.775	1.868	1.770	1.846	1.784	5.40	17.9401
87	1,4-Dichlorobenzene	1.681	1.580	1.566	1.623	1.785	1.830	1.851	1.722	1.804	1.700	1.790	1.721	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	2.188	2.245	2.533	3.156	3.333	3.294	3.015	2.980	2.828	3.020	2.859	14.28	18.4736
90	1,2-Dichlorobenzene	1.405	1.323	1.377	1.383	1.525	1.540	1.573	1.472	1.522	1.443	1.533	1.463	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	0.068	0.063	0.087	0.074	0.087	0.108	0.093	0.093	------	0.084	17.73	19.8122
92	1,2,4-Trichlorobenzene	------	0.607	0.631	0.654	0.803	0.893	0.907	0.843	0.850	0.807	0.875	0.787	14.39	20.9153
93	Hexachlorobutadiene	------	0.386	0.386	0.451	0.538	0.575	0.553	0.496	0.544	0.529	0.591	0.505	14.67	21.0907
94	Naphthalene	------	------	0.927	0.827	1.105	1.067	1.146	1.351	1.170	1.158	1.285	1.115	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	0.442	0.473	0.473	0.583	0.640	0.656	0.644	0.622	0.609	0.656	0.580	14.53	21.5870

Spike Amount = Nominal Amount * M

Ave_%RSD : 8.6 Max_%RSD : 19.3

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = xo + x1 * Amt_Ratio

50 –
9/17/10

DX	Parameter	x0	x1	CCF
9	Acrolein	-0.00260	0.00637	0.9952
72	Bromoform	-0.01112	0.34910	0.9982
91	1,2-Dibromo-3-chloropropane	-0.00473	0.09553	0.9953

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

nstrument ID :I006
eginning DateTime :09/02/10 18:08
pike Units :PPB
C File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :V006102

	I JDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	AvgRec	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	77	96	96	103	107	102	102	113	103	98	105	6.1	9.31	1.9159
	3	Chloromethane	90	81	88	98	101	101	106	115	109	103	107	7.8	10.04	2.1753
	4	Vinyl chloride	83	98	110	115	116	107	89	81	------	------	------	12.1	14.14	2.3165
	5	Bromomethane	------	82	92	105	98	100	103	108	105	103	107	5.8	8.02	2.8413
	6	Chloroethane	78	84	106	106	104	103	102	108	104	101	104	6.9	9.68	2.9386
	7	Dichlorofluoromethane	95	96	105	91	102	104	103	103	102	98	102	3.5	4.25	2.9818
	8	Trichlorofluoromethane	------	85	89	99	105	101	102	112	104	99	104	5.5	7.81	3.2500
5	9	Acrolein	------	------	------	108	100	91	91	115	96	100	------	6.4	8.9	3.7679
5	10	Acetone	------	------	------	100	110	97	94	113	93	90	97	6.9	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	103	96	98	89	101	102	102	106	102	97	104	3.7	4.84	3.8019
	12	1,1-Dichloroethene	93	93	102	96	103	103	103	106	103	97	102	3.9	4.48	4.0194
5	13	tert-Butyl alcohol	------	76	118	88	100	100	100	106	94	88	103	7.6	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	87	92	98	94	101	103	105	103	106	101	108	5.3	6.57	4.4247
	17	Methylene chloride	------	120	111	99	101	100	99	96	93	88	91	6.4	9.34	4.6529
5	18	Acrylonitrile	90	84	123	90	112	96	98	123	94	92	102	9.8	12.28	4.8138
	19	Carbon disulfide	------	80	99	93	102	97	101	113	108	103	107	6.1	8.83	4.6677
	20	tert-Butyl methyl ether (MTBE)	92	91	101	91	104	103	100	113	103	98	110	5.1	6.81	4.8476
	21	trans-1,2-Dichloroethene	91	94	104	97	103	104	104	102	103	97	101	3.8	4.49	5.0407
	22	Isopropyl ether (DIPE)	97	92	99	96	102	106	107	99	103	97	101	3.5	4.51	5.4663
	23	Vinyl acetate	------	92	109	93	106	98	98	117	98	92	100	6.1	8.03	5.6277
	24	1,1-Dichloroethane	99	93	96	96	102	105	106	101	104	97	101	3.4	4.03	5.6284
5	25	2-Butanol	------	------	------	100	109	91	100	127	100	100	118	8	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	89	91	93	92	98	102	106	104	107	104	114	6.6	7.91	6.0364
5	27	2-Butanone	------	------	116	91	109	93	96	118	93	90	100	9.1	11.17	6.2094
	28	2,2-Dichloropropane	102	105	105	97	107	99	101	102	97	89	93	4.4	5.57	6.4147
	29	cis-1,2-Dichloroethene	100	104	100	96	101	102	103	99	101	96	100	1.9	2.52	6.4863
	30	Chloroform	97	95	100	97	101	105	105	100	102	97	101	2.7	3.36	6.7106
	31	Bromochloromethane	94	95	105	94	105	105	104	107	100	95	100	4.4	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	95	97	99	103	103	104	99	100	2.4	3.23	7.0218
	34	1,1,1-Trichloroethane	93	87	96	93	103	105	107	105	105	99	106	5.7	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	79	87	88	95	100	108	111	108	107	120	10.3	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	96	103	95	97	107	------	------	------	4.1	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	80	91	101	93	105	102	105	107	107	100	111	6.6	8.90	7.5266
	40	Carbon tetrachloride	80	84	92	92	105	105	107	110	110	103	114	9.6	11.28	7.6766
	41	1,2-Dichloroethane	97	92	110	94	107	101	101	107	98	92	101	5	6.24	7.9076
	42	Benzene	101	99	100	97	102	101	102	99	101	95	102	1.7	2.19	7.9319
	43	Trichloroethene	96	90	95	95	100	102	105	102	106	100	113	4.5	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	92	96	98	95	101	104	106	107	104	98	106	3.9	4.68	9.1505
20	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	81	84	93	90	101	103	110	107	109	104	116	9.3	11.32	9.5288
	48	Dibromomethane	93	85	99	91	111	99	104	113	101	97	109	6.7	8.67	9.6193

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	115	85	109	92	95	116	93	91	104	9.7	11.18	10.0683
51	cis-1,3-Dichloropropene	84	81	89	89	102	105	109	109	110	105	116	10.3	12.05	10.4218
52	Toluene-d8	------	------	------	98	100	98	102	100	104	98	100	1.6	2.27	10.8262
53	Toluene	98	95	99	96	103	103	104	99	103	97	102	2.8	3.22	10.9636
54	Ethyl methacrylate	------	77	96	84	109	98	102	115	103	100	117	9.2	12.58	11.2526
55	trans-1,3-Dichloropropene	------	74	90	83	102	103	109	112	109	103	116	10.7	13.56	11.2750
5 56	2-Hexanone	------	------	107	85	109	93	95	118	94	92	107	9	10.54	11.5527
57	1,1,2-Trichloroethane	90	85	108	93	110	101	102	109	100	95	106	6.7	8.34	11.5445
58	1,3-Dichloropropane	89	89	107	91	108	100	102	109	101	95	107	6.3	7.66	11.9890
59	Tetrachloroethene	94	90	93	95	106	106	106	104	105	98	105	5.6	6.14	12.1011
60	Dibromochloromethane	------	79	87	82	101	103	112	117	113	108	------	11.7	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	91	86	97	89	108	100	102	114	103	98	113	7.3	9.33	12.8198
63	1-Chlorohexane	84	83	93	92	111	108	110	113	106	98	103	8.9	11.42	13.1089
64	Chlorobenzene	96	94	97	95	101	104	106	101	104	98	104	3.7	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	88	82	87	93	102	106	110	104	109	104	113	8.9	10.51	13.6574
66	Ethylbenzene	95	94	98	98	105	107	107	102	102	94	96	4.4	5.01	13.6764
2 67	m-Xylene & p-Xylene	96	95	96	99	104	106	107	101	103	96	97	3.9	4.46	13.8142
68	o-Xylene	90	94	93	96	104	107	109	103	105	97	102	5.2	6.07	14.6315
69	Styrene	------	75	82	86	100	105	111	107	112	107	115	11.5	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	91	91	91	96	108	106	109	102	106	99	101	5.8	6.95	15.3124
72	Bromoform	------	118	112	85	96	86	95	107	102	100	------	8.6	11	15.3411
73	1,1,2,2-Tetrachloroethane	85	86	113	89	111	96	99	113	101	97	110	8.8	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	96	99	96	102	99	106	101	101	2.5	3.35	15.7898
75	1,2,3-Trichloropropane	------	83	119	88	109	94	95	112	98	95	108	9.6	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	106	75	102	88	101	114	104	102	110	8.6	11.87	15.4051
77	n-Propylbenzene	90	90	91	95	110	108	110	103	105	98	99	6.7	7.94	16.0839
78	Bromobenzene	90	90	97	97	103	102	105	101	107	102	107	4.6	5.77	16.1649
79	1,3,5-Trimethylbenzene	90	86	90	96	109	110	111	101	105	98	103	7.1	8.60	16.3878
80	2-Chlorotoluene	97	95	95	97	109	108	102	100	99	99	99	3.3	4.50	16.4230
81	4-Chlorotoluene	100	95	94	97	100	101	111	96	111	95	100	4.2	5.92	16.5148
82	tert-Butylbenzene	85	86	87	92	110	110	112	104	106	99	109	9.2	10.65	17.0822
83	1,2,4-Trimethylbenzene	92	90	91	96	107	109	111	100	104	98	102	6	7.25	17.1566
84	sec-Butylbenzene	88	86	86	93	113	112	112	104	103	97	105	9	10.46	17.4997
85	p-Isopropyltoluene	------	83	82	90	110	112	113	103	104	98	106	9.4	11.38	17.7692
86	1,3-Dichlorobenzene	96	93	94	93	103	106	108	99	105	99	103	4.6	5.40	17.9401
87	1,4-Dichlorobenzene	98	92	91	94	104	106	108	100	105	99	104	4.8	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	77	79	89	110	117	115	105	104	99	106	11.5	14.28	18.4736
90	1,2-Dichlorobenzene	96	90	94	95	104	105	108	101	104	99	105	4.8	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	121	91	101	83	93	115	99	98	------	9.1	12.5	19.8122
92	1,2,4-Trichlorobenzene	------	77	80	83	102	113	115	107	108	103	111	11.9	14.39	20.9153
93	Hexachlorobutadiene	------	76	76	89	107	114	110	98	108	105	117	11.9	14.67	21.0907
94	Naphthalene	------	------	83	74	99	96	103	12[illegible]	105	104	115	10.7	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	76	82	82	101	110	113	11[illegible]	107	105	113	12.1	14.53	21.5870

5+
[illegible]

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T006
IC_Beginning DateTime :09/02/10 18:08
Spike Amount :10 PPB
CC/CV File :R14200
IC File :R14064

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :09/02/10 23:29
HPChem Method :V0060.02
Date_Time :09/09/10 10:05

M	IDX	Parameters	CC_Con	CCX_D	CC_Resp	CCRRF	AvRRF	CC_Rtm	AvRtm	% RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1276501	1	1	8.344	8.356	0				
	2	Dichlorodifluoromethane	10.711	7.1	420652	0.330	0.308	1.909	1.916	9.31				
	3	Chloromethane	9.249	-7.5	474307	0.372	0.402	2.176	2.175	10.04				
	4	Vinyl chloride	10.778	7.8	458988	0.360	0.334	2.310	2.316	14.14				
	5	Bromomethane	9.135	-8.6	309347	0.242	0.265	2.830	2.841	8.02				
	6	Chloroethane	9.723	-2.8	294152	0.230	0.237	2.934	2.939	9.68				
	7	Dichlorofluoromethane	10.345	3.5	746703	0.585	0.565	2.979	2.982	4.25				
	8	Trichlorofluoromethane	10.524	5.2	512537	0.402	0.382	3.246	3.250	7.81				
5	9	Acrolein	48.933	-2.1	36473	0.006	0.006	3.766	3.768	15.72	-0.0026	0.0064		0.9952
5	10	Acetone	53.988	8.0	210863	0.033	0.031	3.841	3.847	9.41				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.936	19.4	272582	0.214	0.179	3.796	3.802	4.84				
	12	1,1-Dichloroethene	10.423	4.2	591035	0.463	0.444	4.019	4.019	4.48				
5	13	tert-Butyl alcohol	46.927	-6.1	98962	0.016	0.017	4.123	4.121	11.42				
	14	Acetonitrile												
	15	Methyl acetate												
	16	Iodomethane	9.290	-7.1	617362	0.484	0.521	4.420	4.425	6.57				
	17	Methylene chloride	9.781	-2.2	481705	0.377	0.386	4.643	4.653	9.34				
6	18	Acrylonitrile	57.362	-4.4	372689	0.049	0.051	4.807	4.814	12.28				
	19	Carbon disulfide	8.546	-14.5	1277288	1.001	1.171	4.658	4.668	8.80				
	20	tert-Butyl methyl ether (MTBE)	9.485	-5.2	519217	0.407	0.429	4.837	4.848	6.81				
	21	trans-1,2-Dichloroethene	9.439	-5.6	543555	0.426	0.451	5.030	5.041	4.49				
	22	Isopropyl ether (DIPE)	9.163	-8.4	1196615	0.937	1.023	5.461	5.466	4.51				
	23	Vinyl acetate	9.625	-3.8	355365	0.278	0.289	5.624	5.628	8.03				
	24	1,1-Dichloroethane	10.413	4.1	710875	0.557	0.535	5.624	5.628	4.03				
5	25	2-Butanol	41.021	-18.0	60186	0.009	0.011	5.921	5.928	12.64				
	26	tert-Butyl ethyl ether (ETBE)	8.780	-12.2	629847	0.493	0.562	6.025	6.036	7.91				
5	27	2-Butanone	50.479	1.0	433704	0.068	0.067	6.204	6.209	11.17				
	28	2,2-Dichloropropane	12.306	23.1	424970	0.333	0.271	6.412	6.415	5.57				
	29	cis-1,2-Dichloroethene	9.414	-5.9	428327	0.336	0.356	6.471	6.486	2.52				
	30	Chloroform	10.527	5.3	653630	0.512	0.486	6.694	6.711	3.36				
	31	Bromochloromethane	10.108	1.1	283018	0.222	0.219	6.947	6.950	5.17				
	32	Tetrahydrofuran												
	33	Dibromofluoromethane	9.395	-6.0	378840	0.297	0.316	7.021	7.022	3.23				
	34	1,1,1-Trichloroethane	10.939	9.4	513845	0.403	0.368	7.289	7.293	6.68				
	35	Cyclohexane												
	36	tert-Amyl methyl ether (TAME)	8.873	-11.3	104265	0.082	0.092	7.675	7.692	12.51				
	37	1,2-Dichloroethane-d4	9.688	-3.1	281379	0.220	0.228	7.749	7.763	5.01				
	38	CHLOROBENZENE-D5	10.000	0	1110030	1	1	13.500	13.509	0				
	39	1,1-Dichloropropene	10.305	3.1	202633	0.183	0.177	7.511	7.527	8.90				
	40	Carbon tetrachloride	11.157	11.6	437728	0.394	0.353	7.660	7.677	11.28				
	41	1,2-Dichloroethane	10.375	3.8	325071	0.293	0.282	7.898	7.908	6.24				
	42	Benzene	9.527	-4.7	1522974	1.372	1.440	7.928	7.932	2.19				
	43	Trichloroethene	9.861	-1.4	448973	0.404	0.410	8.864	8.872	5.77				
	44	Methylcyclohexane												
	45	1,2-Dichloropropane	9.968	-0.3	378539	0.341	0.342	9.146	9.151	4.68				
20	46	1,4-Dioxane												
	47	Bromodichloromethane	9.941	-0.6	402525	0.363	0.365	9.518	9.529	11.32				
	48	Dibromomethane	10.103	1.0	169809	0.153	0.151	9.607	9.619	8.67				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	48.673	-2.7	1005280	0.181	0.186	10.053	10.068	11.18				
	51	cis-1,3-Dichloropropene	10.220	2.2	504647	0.455	0.445	10.409	10.422	12.05				
	52	Toluene-d8	9.702	-3.0	1461977	1.317	1.357	10.825	10.826	2.27				
	53	Toluene	9.806	-1.9	1594327	1.436	1.465	10.959	10.964	3.22				
	54	Ethyl methacrylate	8.886	-11.1	256827	0.231	0.260	11.242	11.253	12.58				
	55	trans-1,3-Dichloropropene	10.695	6.9	375396	0.338	0.316	11.256	11.275	13.56				
5	56	2-Hexanone	47.918	-4.2	636964	0.115	0.120	11.539	11.553	10.54				
	57	1,1,2-Trichloroethane	10.232	2.3	232957	0.210	0.205	11.539	11.545	8.34				
	58	1,3-Dichloropropane	10.202	2.0	436670	0.393	0.386	11.985	11.989	7.66				
	59	Tetrachloroethene	10.116	1.2	349639	0.315	0.311	12.089	12.101	6.14				
	60	Dibromochloromethane	10.018	0.2	253819	0.229	0.228	12.445	12.461	14.12				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.128	1.3	232783	0.210	0.207	12.802	12.820	9.33				
	63	1-Chlorohexane	9.686	-3.1	613630	0.553	0.571	13.099	13.109	10.42				
	64	Chlorobenzene	9.978	-0.2	1035740	0.933	0.935	13.560	13.578	4.23				

SL — [illegible]

65	1,1,1,2-Tetrachloroethane	10.188	1.9	313941	0.283	0.278	13.649	13.657	10.51					
66	Ethylbenzene	10.326	3.3	1794864	1.617	1.566	13.664	13.676	5.01					
2 67	m-Xylene & p-Xylene	20.006	0.0	2595918	1.169	1.169	13.798	13.814	4.46					
68	o-Xylene	9.862	-1.4	1309965	1.180	1.197	14.615	14.632	6.07					
69	Styrene	9.168	-8.3	860779	0.775	0.846	14.689	14.699	14.04					
70	1,2-DICHLOROBENZENE-D4	10.000	0	412452	1	1	18.672	18.679	0					
71	Isopropylbenzene	10.626	6.3	1755477	4.256	4.005	15.299	15.312	6.95					
72	Bromoform	9.045	-9.5	125664	0.305	0.301	15.328	15.341	19.34	-0.0111	0.3491		0.9982	
73	1,1,2,2-Tetrachloroethane	10.056	0.6	271430	0.658	0.654	15.626	15.645	10.71					
74	4-Bromofluorobenzene	9.501	-5.0	453055	1.098	1.156	15.774	15.790	3.35					
75	1,2,3-Trichloropropane	10.028	0.3	70472	0.171	0.170	15.923	15.925	11.54					
76	trans-1,4-Dichloro-2-butene	9.174	-8.3	47035	0.114	0.124	15.403	15.405	11.87					
77	n-Propylbenzene	10.194	1.9	2073104	5.026	4.930	16.071	16.084	7.94					
78	Bromobenzene	9.771	-2.3	374777	0.909	0.930	16.146	16.165	5.77					
79	1,3,5-Trimethylbenzene	10.127	1.3	1266090	3.070	3.031	16.369	16.388	8.60					
80	2-Chlorotoluene	10.037	0.4	1309162	3.174	3.162	16.413	16.423	4.50					
81	4-Chlorotoluene	9.589	-4.1	1049657	2.545	2.654	16.502	16.515	5.92					
82	tert-Butylbenzene	10.647	6.5	331575	0.804	0.755	17.067	17.082	10.65					
83	1,2,4-Trimethylbenzene	9.952	-0.5	1216215	2.949	2.963	17.141	17.157	7.25					
84	sec-Butylbenzene	10.645	6.5	1812107	4.393	4.127	17.483	17.500	10.46					
85	p-Isopropyltoluene	10.460	4.6	1377824	3.341	3.193	17.751	17.769	11.38					
86	1,3-Dichlorobenzene	9.786	-2.1	720076	1.746	1.784	17.929	17.940	5.40					
87	1,4-Dichlorobenzene	9.806	-1.9	696056	1.688	1.721	18.122	18.127	5.82					
88	Benzyl chloride													
89	n-Butylbenzene	10.492	4.9	1237312	3.000	2.859	18.464	18.474	14.28					
90	1,2-Dichlorobenzene	9.826	-1.7	593011	1.438	1.463	18.717	18.721	5.61					
91	1,2-Dibromo-3-chloropropane	8.652	-13.5	32142	0.078	0.084	19.802	19.812	17.73	-0.0047	0.0955		0.9953	
92	1,2,4-Trichlorobenzene	9.763	-2.4	316910	0.768	0.787	20.901	20.915	14.39					
93	Hexachlorobutadiene	9.703	-3.0	202088	0.490	0.505	21.080	21.091	14.67					
94	Naphthalene	8.556	-14.4	393534	0.954	1.115	21.243	21.259	14.56					
95	1,2,3-Trichlorobenzene	9.044	-9.6	216231	0.524	0.580	21.570	21.587	14.53					

Spike Amount = Nominal Amount * %

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMX1 Case No.:
Lab File ID: R1W539
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101343
BFB Injection Date : 09/28/10
BFB Injection Time : 20:29
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.67
75	30.0 - 60.0% of mass 95	44.94
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.00
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	83.55
175	5.0 - 9.0% of mass 174	6.14(7.3)1
176	95.0 - 101.0% of mass 174	80.13(95.9)1
177	5.0 - 9.0% of mass 176	5.25(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006I0222	R1W540	09/28/10	21:00
2	MBLK1W	V006I27B	R1W544	09/28/10	23:04
3	LCS1W	V006I27L	R1W541	09/28/10	21:31
4	LCD1W	V006I27C	R1W542	09/28/10	22:02
5	IB-09/22/10	I343-06	R1W545	09/28/10	23:35
6	MW-70-MNA01-A10	I343-01	R1W554	09/29/10	04:13
7	MW-70-MNA15-A10	I343-07	R1W559	09/29/10	06:47

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab file ID: RIW064
Instrument ID: TQ06
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101343
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1261314	8.30	1147352	13.42	463580	18.61
2	MBLK1W	1315858	8.30	1160081	13.42	412463	18.61
3	LCS1W	1272946	8.30	1131767	13.43	435963	18.60
4	LCD1W	1245728	8.30	1120920	13.43	436790	18.60
5	TB-09/22/10	1212743	8.30	1083378	13.43	413069	18.60
6	MW-70-MNA01-A10	1262033	8.30	1122510	13.43	423407	18.60
7	MW-70-MNA15-A10	1195701	8.30	1078128	13.43	396016	18.60

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	10.000	8.912	10.9	76	0.00
3	P,T	Chloromethane	10.000	9.513	4.9	82	0.02
4	C,T	Vinyl chloride	10.000	9.205	7.9	75	0.00
5	T	Bromomethane	10.000	9.961	0.4	87	0.02
6	T	Chloroethane	10.000	9.934	0.7	84	0.02
7	T	Dichlorofluoromethane	10.000	9.825	1.8	83	0.02
8	T	Trichlorofluoromethane	10.000	10.446	-4.5	91	0.00
9	T	Acrolein	50.000	38.323	23.4#	73	0.00
10	T	Acetone	50.000	50.579	-1.2	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.379	16.2	72	0.00
12	CMT	1,1-Dichloroethene	10.000	9.047	9.5	77	0.00
13	T	tert-Butyl alcohol	50.000	43.337	13.3	75	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	7.853	21.5#	66	0.00
17	T	Methylene chloride	10.000	9.532	4.7	83	0.00
18	T	Acrylonitrile	50.000	47.006	6.0	85	0.00
19	T	Carbon disulfide	10.000	9.113	8.9	82	0.00
20	T	tert-Butyl methyl ether (MT	10.000	11.278	-12.8	99	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.301	7.0	78	0.00
22	T	Isopropyl ether (DIPE)	10.000	11.383	-13.8	94	0.00
23	T	Vinyl acetate	10.000	10.417	-4.2	93	0.00
24	P,T	1,1-Dichloroethane	10.000	10.870	-8.7	91	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	11.487	-14.9	98	0.00
27	T	2-Butanone	50.000	46.638	6.7	88	0.00
28	T	2,2-Dichloropropane	10.000	8.496	15.0	75	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.396	-4.0	89	0.00
30	C,T	Chloroform	10.000	11.465	-14.6	96	0.00
31	T	Bromochloromethane	10.000	10.731	-7.3	90	0.00
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.566	-5.7	93	0.00
34	T	1,1,1-Trichloroethane	10.000	9.881	1.2	83	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	11.071	-10.7	97	0.00
37	S	1,2-Dichloroethane-d4	10.000	10.577	-5.8	97	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	89	0.00
39	T	1,1-Dichloropropene	10.000	8.988	10.1	79	0.00
40	T	Carbon tetrachloride	10.000	9.692	3.1	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	11.006	-10.1	97	0.00
42	TM	Benzene	10.000	9.666	3.3	86	0.00
43	TM	Trichloroethene	10.000	9.449	5.5	83	0.00
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.910	-9.1	94	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	12.020	-20.2#	104	0.00
48	T	Dibromomethane	10.000	10.637	-6.4	96	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	46.968	6.1	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.223	-12.2	95	0.00
52	S	Toluene-d8	10.000	9.540	4.6	87	0.00
53	CMT	Toluene	10.000	10.093	-0.9	87	0.00
54	T	Ethyl methacrylate	10.000	10.095	-1.0	92	0.00
55	T	trans-1,3-Dichloropropene	10.000	11.047	-10.5	96	0.00
56	T	2-Hexanone	50.000	45.320	9.4	87	0.00
57	T	1,1,2-Trichloroethane	10.000	10.881	-8.8	96	0.00
58	T	1,3-Dichloropropane	10.000	10.665	-6.6	95	0.00
59	T	Tetrachloroethene	10.000	9.526	4.7	81	0.00
60	T	Dibromochloromethane	10.000	12.027	-20.3#	105	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.520	-5.2	94	0.00
63	T	1-Chlorohexane	10.000	9.845	1.5	81	0.00
64	PM	Chlorobenzene	10.000	10.426	-4.3	90	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	11.791	-17.9	99	0.00
66	C,T	Ethylbenzene	10.000	10.527	-5.3	88	0.00
67	T	m-Xylene & p-Xylene	20.000	20.893	-4.5	88	0.00
68	T	o-Xylene	10.000	10.925	-9.3	91	0.00
69	T	Styrene	10.000	11.111	-11.1	95	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	96	0.00
71	T	Isopropylbenzene	10.000	9.680	3.2	88	0.00
72	P,T	Bromoform	10.000	10.031	-0.3	113	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	9.668	3.3	97	0.00
74	S	4-Bromofluorobenzene	10.000	9.250	7.5	93	0.00
75	T	1,2,3-Trichloropropane	10.000	9.408	5.9	97	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	8.544	14.6	94	0.00
77	T	n-Propylbenzene	10.000	9.892	1.1	88	0.00
78	T	Bromobenzene	10.000	9.798	2.0	93	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.040	-0.4	88	0.00
80	T	2-Chlorotoluene	10.000	10.379	-3.8	93	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	9.770	2.3	94	0.00
82	T	tert-Butylbenzene	10.000	10.333	-3.3	90	0.00
83	T	1,2,4-Trimethylbenzene	10.000	10.347	-3.5	92	0.00
84	T	sec-Butylbenzene	10.000	10.366	-3.7	89	0.00
85	T	p-Isopropyltoluene	10.000	10.235	-2.3	88	0.00
86	T	1,3-Dichlorobenzene	10.000	10.326	-3.3	94	0.00
87	T	1,4-Dichlorobenzene	10.000	10.411	-4.1	94	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	10.598	-6.0	88	0.00
90	T	1,2-Dichlorobenzene	10.000	10.686	-6.9	98	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.154	8.5	107	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.118	-1.2	86	0.00
93	T	Hexachlorobutadiene	10.000	11.794	-17.9	100	0.00
94	T	Naphthalene	10.000	8.063	19.4	81	0.00
95	T	1,2,3-Trichlorobenzene	10.000	10.229	-2.3	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.308	0.274	11.0	76	0.00
3	P,T	Chloromethane	0.402	0.382	5.0	82	0.02
4	C,T	Vinyl chloride	0.334	0.307	8.1	75	0.00
5	T	Bromomethane	0.265	0.264	0.4	87	0.02
6	T	Chloroethane	0.237	0.235	0.8	84	0.02
7	T	Dichlorofluoromethane	0.565	0.556	1.6	83	0.02
8	T	Trichlorofluoromethane	0.382	0.399	-4.5	91	0.00
9	T	Acrolein	0.006	0.004	33.3#	73	0.00
10	T	Acetone	0.031	0.031	0.0	91	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.150	16.2	72	0.00
12	CMT	1,1-Dichloroethene	0.444	0.402	9.5	77	0.00
13	T	tert-Butyl alcohol	0.017	0.014	17.6	75	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.409	21.5#	66	0.00
17	T	Methylene chloride	0.386	0.368	4.7	83	0.00
18	T	Acrylonitrile	0.051	0.048	5.9	85	0.00
19	T	Carbon disulfide	1.171	1.067	8.9	82	0.00
20	T	tert-Butyl methyl ether (MT	0.429	0.484	-12.8	99	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.420	6.9	78	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.164	-13.8	94	0.00
23	T	Vinyl acetate	0.289	0.301	-4.2	93	0.00
24	P,T	1,1-Dichloroethane	0.535	0.581	-8.6	91	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.646	-14.9	98	0.00
27	T	2-Butanone	0.067	0.063	6.0	88	0.00
28	T	2,2-Dichloropropane	0.271	0.230	15.1	75	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.370	-3.9	89	0.00
30	C,T	Chloroform	0.486	0.558	-14.8	96	0.00
31	T	Bromochloromethane	0.219	0.235	-7.3	90	0.00
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.334	-5.7	93	0.00
34	T	1,1,1-Trichloroethane	0.368	0.364	1.1	83	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.102	-10.9	97	0.00
37	S	1,2-Dichloroethane-d4	0.228	0.241	-5.7	97	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00
39	T	1,1-Dichloropropene	0.177	0.159	10.2	79	0.00
40	T	Carbon tetrachloride	0.353	0.343	2.8	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.311	-10.3	97	0.00
42	TM	Benzene	1.440	1.392	3.3	86	0.00
43	TM	Trichloroethene	0.410	0.388	5.4	83	0.00
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.373	-9.1	94	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.438	-20.0#	104	0.00
48	T	Dibromomethane	0.151	0.161	-6.6	96	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.175	5.9	91	0.00
51	T	cis-1,3-Dichloropropene	0.445	0.499	-12.1	95	0.00
52	S	Toluene-d8	1.357	1.295	4.6	87	0.00
53	CMT	Toluene	1.465	1.478	-0.9	87	0.00
54	T	Ethyl methacrylate	0.260	0.263	-1.2	92	0.00
55	T	trans-1,3-Dichloropropene	0.316	0.349	-10.4	96	0.00
56	T	2-Hexanone	0.120	0.109	9.2	87	0.00
57	T	1,1,2-Trichloroethane	0.205	0.223	-8.8	96	0.00
58	T	1,3-Dichloropropane	0.386	0.411	-6.5	95	0.00
59	T	Tetrachloroethene	0.311	0.297	4.5	81	0.00
60	T	Dibromochloromethane	0.228	0.275	-20.6#	105	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.218	-5.3	94	0.00
63	T	1-Chlorohexane	0.571	0.562	1.6	81	0.00
64	PM	Chlorobenzene	0.935	0.975	-4.3	90	0.00
65	T	1,1,1,2-Tetrachloroethane	0.278	0.327	-17.6	99	0.00
66	C,T	Ethylbenzene	1.566	1.648	-5.2	88	0.00
67	T	m-Xylene & p-Xylene	1.169	1.221	-4.4	88	0.00
68	T	o-Xylene	1.197	1.307	-9.2	91	0.00
69	T	Styrene	0.846	0.940	-11.1	95	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	96	0.00
71	T	Isopropylbenzene	4.005	3.877	3.2	88	0.00
72	P,T	Bromoform	0.301	0.339	-12.6	113	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.633	3.2	97	0.00
74	S	4-Bromofluorobenzene	1.156	1.069	7.5	93	0.00
75	T	1,2,3-Trichloropropane	0.170	0.160	5.9	97	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.106	14.5	94	0.00
77	T	n-Propylbenzene	4.930	4.877	1.1	88	0.00
78	T	Bromobenzene	0.930	0.911	2.0	93	0.00
79	T	1,3,5-Trimethylbenzene	3.031	3.043	-0.4	88	0.00
80	T	2-Chlorotoluene	3.162	3.282	-3.8	93	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I28\RIW540.D Vial: 2
Acq On : 28 Sep 2010 9:00 pm Operator: SD
Sample : CVO06I0222 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.593	2.3	94	0.00
82	T	tert-Butylbenzene	0.755	0.780	-3.3	90	0.00
83	T	1,2,4-Trimethylbenzene	2.963	3.066	-3.5	92	0.00
84	T	sec-Butylbenzene	4.127	4.278	-3.7	89	0.00
85	T	p-Isopropyltoluene	3.193	3.268	-2.3	88	0.00
86	T	1,3-Dichlorobenzene	1.784	1.842	-3.3	94	0.00
87	T	1,4-Dichlorobenzene	1.721	1.792	-4.1	94	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.030	-6.0	88	0.00
90	T	1,2-Dichlorobenzene	1.463	1.564	-6.9	98	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.083	1.2	107	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.796	-1.1	86	0.00
93	T	Hexachlorobutadiene	0.505	0.596	-18.0	100	0.00
94	T	Naphthalene	1.115	0.899	19.4	81	0.00
95	T	1,2,3-Trichlorobenzene	0.580	0.593	-2.2	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMX1 Case No.:
Lab File ID: RIW585
Instrument ID: I006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101343
BFB Injection Date : 09/29/10
BFB Injection Time : 21:35
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.66
75	30.0 - 60.0% of mass 95	45.17
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.89
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	83.57
175	5.0 - 9.0% of mass 174	6.03(7.2)1
176	95.0 - 101.0% of mass 174	80.64(96.5)1
177	5.0 - 9.0% of mass 176	5.32(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV006I0224	RIW586	09/29/10	22:06
2	MBLK2W	V006I29B	RIW590	09/30/10	00:11
3	LCS2W	V006I29L	RIW587	09/29/10	22:37
4	LCD2W	V006I29C	RIW588	09/29/10	23:09
5	MW-70-MNA12-A10	I343-03R	RIW591	09/30/10	00:42
6	MW-70-MNA01-A10DL	I343-01T	RIW596	09/30/10	03:22
7	MW-70-MNA10-A10	I343-02R	RIW597	09/30/10	03:53
8	MW-70-MNA10 A10DL	I343-02T	RIW598	09/30/10	04:26
9	MW-70-MNA12-A10DL	I343-05T	RIW599	09/30/10	04:57
10	MW-70-438-A10	I343-04R	RIW600	09/30/10	05:28
11	MW-70-MNA14-A10	I343-05R	RIW601	09/30/10	06:01
12	MW-70-MNA15-A10DL	I343-07T	RIW602	09/30/10	06:33

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIW064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101343
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1140451	8.31	1023932	13.44	420881	18.61
2	MBLK2W	1201709	8.31	1056788	13.44	376562	18.61
3	LCS2W	1124602	8.31	1013220	13.44	392976	18.61
4	LCD2W	1163682	8.31	1034687	13.44	396253	18.61
5	MW-70-MNA12-A10	1150914	8.31	1047468	13.44	391459	18.61
6	MW-70-MNA01-A10DL	1256104	8.32	1135288	13.44	420144	18.61
7	MW-70-MNA10-A10	1154683	8.31	1045394	13.44	383626	18.61
8	MW-70-MNA10-A10DL	1210428	8.31	1098570	13.44	410919	18.61
9	MW-70-MNA12-A10DL	1147116	8.31	1036254	13.44	371164	18.61
10	MW-70-43B-A10	1114972	8.32	998005	13.43	375261	18.62
11	MW-70-MNA14-A10	1158321	8.32	1030938	13.43	379528	18.62
12	MW-70-MNA15-A10DL	1174823	8.30	1050512	13.43	390831	18.62

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D Vial: 2
Acq On : 29 Sep 2010 10:06 pm Operator: SD
Sample : CVO06I0224 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	79	0.02
2	T	Dichlorodifluoromethane	10.000	8.829	11.7	68	0.00
3	P,T	Chloromethane	10.000	8.776	12.2	69	0.00
4	C,T	Vinyl chloride	10.000	9.062	9.4	67	0.00
5	T	Bromomethane	10.000	9.431	5.7	75	0.00
6	T	Chloroethane	10.000	9.884	1.2	76	0.00
7	T	Dichlorofluoromethane	10.000	9.837	1.6	75	0.00
8	T	Trichlorofluoromethane	10.000	10.219	-2.2	80	0.00
9	T	Acrolein	50.000	33.424	33.2#	56	0.02
10	T	Acetone	50.000	56.684	-13.4	92	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.620	13.8	67	0.00
12	CMT	1,1-Dichloroethene	10.000	9.272	7.3	71	0.00
13	T	tert-Butyl alcohol	50.000	41.243	17.5	64	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	8.870	11.3	68	0.00
17	T	Methylene chloride	10.000	10.282	-2.8	81	0.00
18	T	Acrylonitrile	50.000	50.525	-1.0	83	0.02
19	T	Carbon disulfide	10.000	9.332	6.7	76	0.02
20	T	tert-Butyl methyl ether (MT	10.000	12.337	-23.4#	98	0.00
21	T	trans-1,2-Dichloroethene	10.000	9.872	1.3	75	0.00
22	T	Isopropyl ether (DIPE)	10.000	11.619	-16.2	87	0.02
23	T	Vinyl acetate	10.000	10.088	-0.9	82	0.00
24	P,T	1,1-Dichloroethane	10.000	11.311	-13.1	85	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	13.386	-33.9#	104	0.02
27	T	2-Butanone	50.000	50.177	-0.4	86	0.00
28	T	2,2-Dichloropropane	10.000	9.701	3.0	77	0.02
29	T	cis-1,2-Dichloroethene	10.000	10.271	-2.7	79	0.00
30	C,T	Chloroform	10.000	11.814	-18.1	89	0.00
31	T	Bromochloromethane	10.000	11.315	-13.1	86	0.00
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.421	-4.2	83	0.00
34	T	1,1,1-Trichloroethane	10.000	11.299	-13.0	85	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	13.317	-33.2#	105	0.02
37	S	1,2-Dichloroethane-d4	10.000	10.904	-9.0	91	0.02
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	80	0.02
39	T	1,1-Dichloropropene	10.000	9.413	5.9	74	0.02
40	T	Carbon tetrachloride	10.000	10.787	-7.9	82	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D
Acq On : 29 Sep 2010 10:06 pm
Sample : CVO06I0224
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA
MS Integration Params: 524INT.P

Vial: 2
Operator: SD
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	11.879	-18.8	94	0.00
42	TM	Benzene	10.000	10.028	-0.3	79	0.02
43	TM	Trichloroethene	10.000	10.020	-0.2	78	0.00
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	11.311	-13.1	87	0.00
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	12.392	-23.9#	96	0.00
48	T	Dibromomethane	10.000	11.121	-11.2	90	0.00
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	0.00
50	T	4-Methyl-2-pentanone	50.000	51.203	-2.4	88	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.486	-14.9	87	0.02
52	S	Toluene-d8	10.000	9.674	3.3	79	0.00
53	CMT	Toluene	10.000	10.499	-5.0	81	0.00
54	T	Ethyl methacrylate	10.000	10.429	-4.3	85	0.02
55	T	trans-1,3-Dichloropropene	10.000	11.331	-13.3	88	0.00
56	T	2-Hexanone	50.000	50.331	-0.7	86	0.02
57	T	1,1,2-Trichloroethane	10.000	11.165	-11.6	88	0.00
58	T	1,3-Dichloropropane	10.000	11.043	-10.4	88	0.00
59	T	Tetrachloroethene	10.000	9.792	2.1	74	0.00
60	T	Dibromochloromethane	10.000	12.379	-23.8#	96	0.00
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.788	-7.9	86	0.02
63	T	1-Chlorohexane	10.000	10.301	-3.0	76	0.02
64	PM	Chlorobenzene	10.000	10.738	-7.4	83	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	12.148	-21.5#	91	0.02
66	C,T	Ethylbenzene	10.000	10.982	-9.8	82	0.02
67	T	m-Xylene & p-Xylene	20.000	21.672	-8.4	81	0.00
68	T	o-Xylene	10.000	11.271	-12.7	84	0.00
69	T	Styrene	10.000	11.011	-10.1	84	0.02
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	88	0.00
71	T	Isopropylbenzene	10.000	10.114	-1.1	83	0.02
72	P,T	Bromoform	10.000	10.094	-0.9	103	0.02
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.006	-0.1	92	0.00
74	S	4-Bromofluorobenzene	10.000	9.306	6.9	85	0.00
75	T	1,2,3-Trichloropropane	10.000	9.839	1.6	92	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	8.207	17.9	82	0.00
77	T	n-Propylbenzene	10.000	10.421	-4.2	84	0.02
78	T	Bromobenzene	10.000	10.067	-0.7	87	0.02
79	T	1,3,5-Trimethylbenzene	10.000	10.542	-5.4	84	0.00
80	T	2-Chlorotoluene	10.000	10.232	-2.3	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D Vial: 2
Acq On : 29 Sep 2010 10:06 pm Operator: SD
Sample : CVO06I0224 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.741	-7.4	93	0.00
82	T	tert-Butylbenzene	10.000	10.930	-9.3	87	0.02
83	T	1,2,4-Trimethylbenzene	10.000	10.793	-7.9	87	0.02
84	T	sec-Butylbenzene	10.000	11.031	-10.3	86	0.02
85	T	p-Isopropyltoluene	10.000	10.877	-8.8	85	0.00
86	T	1,3-Dichlorobenzene	10.000	10.641	-6.4	88	0.02
87	T	1,4-Dichlorobenzene	10.000	10.498	-5.0	86	0.02
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	11.070	-10.7	83	0.00
90	T	1,2-Dichlorobenzene	10.000	10.854	-8.5	90	0.00
91	T	1,2-Dibromo-3-chloropropane	10.000	9.453	5.5	101	0.00
92	T	1,2,4-Trichlorobenzene	10.000	10.622	-6.2	82	0.02
93	T	Hexachlorobutadiene	10.000	12.609	-26.1#	97	0.00
94	T	Naphthalene	10.000	8.527	14.7	78	0.02
95	T	1,2,3-Trichlorobenzene	10.000	10.774	-7.7	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D Vial: 2
Acq On : 29 Sep 2010 10:06 pm Operator: SD
Sample : CVO06I0224 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	79	0.02
2	T	Dichlorodifluoromethane	0.308	0.272	11.7	68	0.00
3	P,T	Chloromethane	0.402	0.353	12.2	69	0.00
4	C,T	Vinyl chloride	0.334	0.302	9.6	67	0.00
5	T	Bromomethane	0.265	0.250	5.7	75	0.00
6	T	Chloroethane	0.237	0.234	1.3	76	0.00
7	T	Dichlorofluoromethane	0.565	0.556	1.6	75	0.00
8	T	Trichlorofluoromethane	0.382	0.390	-2.1	80	0.00
9	T	Acrolein	0.006	0.004	33.3#	56	0.02
10	T	Acetone	0.031	0.035	-12.9	92	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.154	14.0	67	0.00
12	CMT	1,1-Dichloroethene	0.444	0.412	7.2	71	0.00
13	T	tert-Butyl alcohol	0.017	0.014	17.6	64	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.462	11.3	68	0.00
17	T	Methylene chloride	0.386	0.397	-2.8	81	0.00
18	T	Acrylonitrile	0.051	0.051	0.0	83	0.02
19	T	Carbon disulfide	1.171	1.093	6.7	76	0.02
20	T	tert-Butyl methyl ether (MT	0.429	0.529	-23.3#	98	0.00
21	T	trans-1,2-Dichloroethene	0.451	0.445	1.3	75	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.189	-16.2	87	0.02
23	T	Vinyl acetate	0.289	0.292	-1.0	82	0.00
24	P,T	1,1-Dichloroethane	0.535	0.605	-13.1	85	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.752	-33.8#	104	0.02
27	T	2-Butanone	0.067	0.068	-1.5	86	0.00
28	T	2,2-Dichloropropane	0.271	0.262	3.3	77	0.02
29	T	cis-1,2-Dichloroethene	0.356	0.366	-2.8	79	0.00
30	C,T	Chloroform	0.486	0.575	-18.3	89	0.00
31	T	Bromochloromethane	0.219	0.248	-13.2	86	0.00
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.329	-4.1	83	0.00
34	T	1,1,1-Trichloroethane	0.368	0.416	-13.0	85	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.123	-33.7#	105	0.02
37	S	1,2-Dichloroethane-d4	0.228	0.248	-8.8	91	0.02
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	80	0.02
39	T	1,1-Dichloropropene	0.177	0.167	5.6	74	0.02
40	T	Carbon tetrachloride	0.353	0.381	-7.9	82	0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D Vial: 2
Acq On : 29 Sep 2010 10:06 pm Operator: SD
Sample : CVO06I0224 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.335	-18.8	94	0.00
42	TM	Benzene	1.440	1.444	-0.3	79	0.02
43	TM	Trichloroethene	0.410	0.411	-0.2	78	0.00
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.387	-13.2	87	0.00
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.452	-23.8#	96	0.00
48	T	Dibromomethane	0.151	0.168	-11.3	90	0.00
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	0.00
50	T	4-Methyl-2-pentanone	0.186	0.191	-2.7	88	0.00
51	T	cis-1,3-Dichloropropene	0.445	0.511	-14.8	87	0.02
52	S	Toluene-d8	1.357	1.313	3.2	79	0.00
53	CMT	Toluene	1.465	1.538	-5.0	81	0.00
54	T	Ethyl methacrylate	0.260	0.272	-4.6	85	0.02
55	T	trans-1,3-Dichloropropene	0.316	0.358	-13.3	88	0.00
56	T	2-Hexanone	0.120	0.121	-0.8	86	0.02
57	T	1,1,2-Trichloroethane	0.205	0.229	-11.7	88	0.00
58	T	1,3-Dichloropropane	0.386	0.426	-10.4	88	0.00
59	T	Tetrachloroethene	0.311	0.305	1.9	74	0.00
60	T	Dibromochloromethane	0.228	0.283	-24.1#	96	0.00
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.223	-7.7	86	0.02
63	T	1-Chlorohexane	0.571	0.588	-3.0	76	0.02
64	PM	Chlorobenzene	0.935	1.004	-7.4	83	0.00
65	T	1,1,1,2-Tetrachloroethane	0.278	0.337	-21.2#	91	0.02
66	C,T	Ethylbenzene	1.566	1.720	-9.8	82	0.02
67	T	m-Xylene & p-Xylene	1.169	1.267	-8.4	81	0.00
68	T	o-Xylene	1.197	1.349	-12.7	84	0.00
69	T	Styrene	0.846	0.931	-10.0	84	0.02
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	88	0.00
71	T	Isopropylbenzene	4.005	4.051	-1.1	83	0.02
72	P,T	Bromoform	0.301	0.341	-13.3	103	0.02
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.655	-0.2	92	0.00
74	S	4-Bromofluorobenzene	1.156	1.076	6.9	85	0.00
75	T	1,2,3-Trichloropropane	0.170	0.168	1.2	92	0.00
76	T	trans-1,4-Dichloro-2-butene	0.124	0.102	17.7	82	0.00
77	T	n-Propylbenzene	4.930	5.138	-4.2	84	0.02
78	T	Bromobenzene	0.930	0.936	-0.6	87	0.02
79	T	1,3,5-Trimethylbenzene	3.031	3.195	-5.4	84	0.00
80	T	2-Chlorotoluene	3.162	3.236	-2.3	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIW586.D Vial: 2
Acq On : 29 Sep 2010 10:06 pm Operator: SD
Sample : CVO06I0224 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.850	-7.4	93	0.00
82	T	tert-Butylbenzene	0.755	0.825	-9.3	87	0.02
83	T	1,2,4-Trimethylbenzene	2.963	3.198	-7.9	87	0.02
84	T	sec-Butylbenzene	4.127	4.553	-10.3	86	0.02
85	T	p-Isopropyltoluene	3.193	3.473	-8.8	85	0.00
86	T	1,3-Dichlorobenzene	1.784	1.898	-6.4	88	0.02
87	T	1,4-Dichlorobenzene	1.721	1.807	-5.0	86	0.02
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	3.165	-10.7	83	0.00
90	T	1,2-Dichlorobenzene	1.463	1.588	-8.5	90	0.00
91	T	1,2-Dibromo-3-chloropropane	0.084	0.086	-2.4	101	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.836	-6.2	82	0.02
93	T	Hexachlorobutadiene	0.505	0.637	-26.1#	97	0.00
94	T	Naphthalene	1.115	0.951	14.7	78	0.02
95	T	1,2,3-Trichlorobenzene	0.580	0.624	-7.6	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/28/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -045

BATCH V0006202-22

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	R10539	RR806227	5mL					8:29pm
02	540	V0006202222	5/5/1mL					
03	541	V0006227L	5/5/1mL					
04	542	↓ C	↓					
05	543	R1W05	25mL					
06	544	V0006227R						
07	545	102348-06		1.0	✓	✓		
08	546	102361-03			✓	✓		RR to 100% acetone 2NT
09	547	102386-05			✓	✓		
10	548	102386-01			✓	✓		
11	549	-03			✓	✓		
12	550	↓ 04			✓	✓		
13	551	102380-01			✓	✓		
14	552	102361-01			✓	✓		
15	553	↓ -02			✓	✓		
16	554	102348-01			✓	✓		50X
17	555	-02			✓	✓		RR+10X.
18	556	-03			✓	✓		RR+25X
19	557	98610 -04			✓	✓		RR.
20	558	-05			✓	✓		RR
21	559	↓ -07	↓	↓	✓	✓		50X 6:47am
22	560	R1W06						
23								
24								
25								vd 9/29/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V0006202

STANDARDS

NAME	ID	CONC. (ug/L)
DCC	SV1-16-34-2	
DCC	-21-3 ~~-34-3~~ 9/29/10	
DCC	-26-2	
BFB	-26-2	50/250
IS/SURR	-33-1	
LCS	↓ -25-3	
LCS	SV1-15-100-1	
LCS	SV1-16-35-3	
SOLVENT	ID	
METHANOL		
DATA FILE	10226	

Electronic Data Archival	
Location	Date
HPCHEM_VOA\T006	

Comments:

Analyzed By: G.S.

Date Disposed: 9/29/10

Disposed By: G.S.

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 9/29/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -045

BATCH: V0062024

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RW585		RFB0629	5ml					9:35pm
02		586	CV0062024	5/5/1ml					
03		587	V0062029	5/5/1ml					
04		588	↓ C	↓					
05		589	RW585	25ml					
06		590	V0062029B						
07		591	102843-03R		1.0	<2	<5		
08		592	102612-04M			<2	<5		
09		593	↓ -04S	↓	↓	<2	<5		
10		594	RW585						
11		595	105308-03T	0.5ml	10	<2	<5		
12		596	102843-01T	1.50ml	50	<2	<5		
13		597	-02R	25ml	1.0	<2	<5		
14		598	-02T	2.5ml	10	<2	<5		
15		599	-03T	1.0ml	25	<2	<5		
16		600	-04R	25ml	1.0	<2	<5		
17		601	-05R	↓	↓	<2	<5		
18		602	-07T	1.0ml	25	<2	<5		
19		603	102612-04	25ml	1.0	<2	<5		
20		604	-01			<2	<5		
21		605	-02			<2	<5		
22		606	-03			<2	<5		
23		607	-05			<2	<5		
24		608	↓ -06	↓	↓	<2	<5		
25		609	RW585						vd 9/30/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V0062-2

STANDARDS

NAME	ID	CONC. (ug/L)
DCC	CV1-16-34-2	
DCC	-21-3	
DCC	-24-3	
DCC	-20-2	
BFB	-36-2	25/250
IS/SURR.	-39-2	
LCS	↓ -25-3	
LCS	CV1-15-100-1	
LCS	CV1-16-34-1 (Cu) vd 9/30/10	

SOLVENT	ID
METHANOL	
DATA FILE	18529

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: vd

Date Disposed: 9/30/10

Disposed By: vd

S:\1027

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/2/12 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH

	Sample Prep ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W O_2	Matrix S	Notes
01		RFW005	BFB16-004	3mL	N/A	N/A	N/A		5:36pm
02		059	VC06-002	[illegible]					[illegible] 5.3 / 1.5 PM
03		060	2	[illegible]					2.5 / 2.5
04		061	3	[illegible]					1.0 / 5.0
05		062	4	[illegible]					2.0 / 10
06		063	5	[illegible]					5.0 / 25
07		064	6	[illegible]					10 / 50
08		065	7	[illegible]					20 / 100
09		066	8	[illegible]					30 / 150
10		067	9	[illegible]					40 / 200
11		068	10	[illegible]					50 / 250
12		069	11	[illegible]					100 / 500
13		070	IS/SS						
14		071	VC06-004B						
15		072	VC06-002	[illegible]	N/A	N/A	N/A		[illegible] 10 / 50 / 100 PM
16		073	RINSE						1:37pm
17		074	TEST						
18		075							
19									
20									
21									
22									
23									
24									
25									9/3/12

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/12
ICAL ID	VC06-002

STANDARDS

NAME	ID	Conc mg/L
DCC REF. A-ACN	811-16-34-2	[illegible]
DCC 524 Dual CS	-21-3 / -21-1	[illegible]
DCC GASES 4-BA	-21-1 / -31-3	[illegible]
BFB	-26-2	[illegible]
IS/SURR. IS / SS	-36-3 / -31-3	[illegible]
LCS REF. A-ACN	-25-3	[illegible]
LCS 524 Dual CS	-23-2	[illegible]
LCS GASES 4-BA	-35-3 / 811-12-35B	[illegible]
SOLVENT	ID	
METHANOL		
DATA FILE	1CEC2	

Electronic Data Archival

Location	Date
EPCHEM VOA/TOOS	9/6/12

Comments:

Analyzed By: [illegible]

Date Disposed: 9/3/12

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06 -044

BATCH 09/09/10

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl-	Matrix S	Notes
01		RBW199	RFBC6211	5mL					9:34am
02		200	IVC06202 03**	5ml/0.25mL					
03		201	CV0062020 7	5ml/0.25mL					
04		202	V0062111	5ml/0.25mL					
05		203	↓ C	↓					
06		204	RIBLF	25mL					
07		205	V0062111B	↓					
08		206	↓ Q	↓					
09		207	102066-01I	0.25mL	250	<2	<5		
10		208	-02I	↓	↓	<2	<5		
11		209	-03T	0.25mL	100	<2	<5		
12		210	-04T	0.25mL	50	<2	<5		
13		211	-05T	0.25mL	100	<2	<5		
14		212	-06R	25mL	1.0	<2	<5		
15		213	RIBLF						
16		214	102093-06	25mL	1.0	<2	<5		
17		215	-07T	0.25mL	50	<2	<5		
18		216	-01	25mL	1.0	<2	<5		
19		217	-02			<2	<5		
20		218	-03			<2	<5		
21		219	-04			<2	<5		
22		220	-05	↓	↓	<2	<5		
23		221	RIBLF						9:36pm
24		222	102093-07	25mL	1.0	<2	<5		9:56pm
25		223-226	RIBLF						9/10/10

Instrument No.		06
INITIAL CALIBRATION REFERENCE		
DATE	9/2/10	
ICAL ID	V0062 02	
STANDARDS		
NAME	ID	Conc. ug/L
DCC KFT-A-ACN	SV1-16-3-7-2	250
DCC 1,2-DichloroEthane-d4	-27-3 -27-1	50/250 250
DCC Gases 2-BA	-31-1 -31-3	250 1250
BFB	-26-2	50
IS/SURR.	-33-1	250
LCS KFT-A-ACN	-35-1 ICV only -25-3 ACS only	250 250
LCS 1,2-Dichloroethane-d4 ACN	SV1-15-100-1	50/250
LCS Gases 2-BA	SV1-16-31-3 SV1-12-32-0	250 1000
SOLVENT	ID	
METHANOL		
DATA FILE	10709	
Electronic Data Archival		
Location		Date
HPCHEM_VOA\T005		9/13/10

Comments: **Not valid for projects requiring verification of 1,2-Dichloropropane at 9-20%

Analyzed By: SG

Date Disposed: 9/10/10

Disposed By: SG

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I343

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I343

METHOD RSK-175
DISSOLVED GASES

A total of five (5) water samples were received on 09/23/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGJ001L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101343
Instrument ID : GCTD10

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGJ001B	1	NA	10/01/1010:58	10/01/1010:30	FJ01003A	FJ01002A	DGJ001	Method Blank
LCS1W	DGJ001L	1	NA	10/01/1011:09	10/01/1010:30	FJ01004A	FJ01002A	DGJ001	Lab Control Sample (LCS)
LCD1W	DGJ001C	1	NA	10/01/1011:26	10/01/1010:30	FJ01005A	FJ01002A	DGJ001	LCS Duplicate
MW-70-MKA01-A10	1343-01	1	NA	10/01/1014:59	10/01/1010:30	FJ01022A	FJ01020A	DGJ001	Field Sample
MW-70-MKA10-A10	1343-02	1	NA	10/01/1015:10	10/01/1010:30	FJ01023A	FJ01020A	DGJ001	Field Sample
MW-70-MKA10-A10DL	1343-02T	500	NA	10/01/1015:59	10/01/1010:30	FJ01027A	FJ01020A	DGJ001	Diluted Sample
MW-70-MKA12-A10	1343-03	1	NA	10/01/1015:21	10/01/1010:30	FJ01024A	FJ01020A	DGJ001	Field Sample
MW-70-MKA12-A10DL	1343-03T	20	NA	10/01/1016:11	10/01/1010:30	FJ01028A	FJ01020A	DGJ001	Diluted Sample
MW-70-MKA14-A10	1343-05	1	NA	10/01/1015:32	10/01/1010:30	FJ01025A	FJ01020A	DGJ001	Field Sample
MW-70-MKA15-A10	1343-07	1	NA	10/01/1015:47	10/01/1010:30	FJ01026A	FJ01020A	DGJ001	Field Sample
MW-70-MKA15-A10DL	1343-07T	100	NA	10/01/1016:21	10/01/1010:30	FJ01029A	FJ01020A	DGJ001	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, TR SITE 70.	Date Received:	09/25/10
Batch No.	: 101343	Date Extracted:	10/01/10 10:30
Sample ID:	MW-70-MNA01-A10	Date Analyzed:	10/01/10 14:59
Lab Samp ID:	1343-01	Dilution Factor:	1
Lab File ID:	FJ01022A	Matrix :	WATER
Ext Btch ID:	DGJ001	% Moisture :	NA
Calib. Ref.:	FJ01020A	Instrument ID :	GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	12	2.0	0.60
METHANE	26	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/22/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/23/10
Batch No. : 101343	Date Extracted: 10/01/10 10:30
Sample ID: MW-70-MNA10-A10	Date Analyzed: 10/01/10 15:10
Lab Samp ID: 1343-02	Dilution Factor: 1
Lab File ID: FJ01023A	Matrix : WATER
Ext Btch ID: DGJ001	% Moisture : NA
Calib. Ref.: FJ01020A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	46	2.0	0.60
METHANE	530E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT FEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	10/01/10 10:30
Sample ID:	MW-70-MNA10-A10DL	Date Analyzed:	10/01/10 15:59
Lab Samp ID:	I343-02T	Dilution Factor:	500
Lab File ID:	FJ01027A	Matrix :	WATER
Ext Btch ID:	DGJ001	% Moisture :	NA
Calib. Ref.:	FJ01020A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	16000	1000	300

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	10/01/10 10:30
Sample ID	: MW-70-MWA12-A10	Date Analyzed:	10/01/10 15:21
Lab Samp ID	: 1343-03	Dilution Factor:	1
Lab File ID	: FJ01024A	Matrix	: WATER
Ext Btch ID	: DGJ001	% Moisture	: NA
Calib. Ref.	: FJ01020A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	1.1J	2.0	0.60
METHANE	150E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/22/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101543	Date Extracted:	10/01/10 10:30
Sample ID:	MW-70-MNA12-A10DL	Date Analyzed:	10/01/10 16:11
Lab Samp ID:	1343-03T	Dilution Factor:	20
Lab File ID:	FJ01028A	Matrix :	WATER
Ext Batch ID:	DGJ001	% Moisture :	NA
Calib. Ref.:	FJ01020A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	40	12
ETHENE	ND	40	12
METHANE	540	40	12

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/22/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/23/10
Batch No. : 101543	Date Extracted: 10/01/10 10:30
Sample ID: MW-70-MNA14-A10	Date Analyzed: 10/01/10 15:32
Lab Samp ID: I343-05	Dilution Factor: 1
Lab File ID: FJ01025A	Matrix : WATER
Ext Btch ID: OGJ001	% Moisture : NA
Calib. Ref.: FJ01020A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	2.4	2.0	0.60
METHANE	27	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101343	Date Extracted:	10/01/10 10:30
Sample ID:	MW-70-MNA15-A10	Date Analyzed:	10/01/10 15:47
Lab Samp ID:	I343-07	Dilution Factor:	1
Lab File ID:	FJ01026A	Matrix	: WATER
Ext Btch ID:	DGJ001	% Moisture	: NA
Calib. Ref.:	FJ01020A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	270E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/23/10
Batch No.	: 101543	Date Extracted:	10/01/10 10:30
Sample ID:	MW-70-MNA15-A100L	Date Analyzed:	10/01/10 16:21
Lab Samp ID:	1343-07T	Dilution Factor:	100
Lab File ID:	FJ01029A	Matrix	: WATER
Ext Btch ID:	DGJ001	% Moisture	: NA
Calib. Ref.:	FJ01020A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	200	60
ETHENE	ND	200	60
METHANE	2100	200	60

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 7D.	Date Received:	10/01/10
Batch No.	: 101343	Date Extracted:	10/01/10 10:30
Sample ID:	MBLK1W	Date Analyzed:	10/01/10 10:58
Lab Samp ID:	DGJ001B	Dilution Factor:	1
Lab File ID:	FJ01003A	Matrix	: WATER
Ext Btch ID:	DGJ001	% Moisture	: NA
Calib. Ref.:	FJ01002A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 1DI343
METHOD: METHOD RSK 175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGJ001B	DGJ001L	DGJ001C		
LAB FILE ID:	FJ01003A	FJ01004A	FJ01005A		
DATE EXTRACTED:	10/01/1010:30	10/01/1010:30	10/01/1010:30	DATE COLLECTED:	NA
DATE ANALYZED:	10/01/1010:58	10/01/1011:09	10/01/1011:26	DATE RECEIVED:	10/01/10
PREP. BATCH:	DGJ001	DGJ001	DGJ001		
CALIB. REF:	FJ01002A	FJ01002A	FJ01002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	29.1	115	25.4	28.4	112	3	70-140	30
Ethene	ND	23.7	27.0	114	23.7	26.2	111	3	70-140	30
Methane	ND	13.6	14.3	105	13.6	13.8	101	3	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	34588	25487	26923	23299	26364	25246	26984.4	14.5
Ethylene	0.59	18195	14654	16354	14507	16520	15806	16006.0	8.5
Ethane	0.64	25427	21095	23864	20941	24224	23278	23138.2	7.7
Propane	0.93	25561	20961	25981	22347	25211	24182	24040.3	8.3

DG10I27.MET

RA
9/30/10

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:15
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12

COMPOUND	RT OF STANDARDS (MIN) 2.0X	10.0X	25.0X	40.0X	75.0X	100.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
Methane	1.108	1.108	1.108	1.100	1.100	1.100	1.104	1.075	1.133	0.029
Ethylene	2.692	2.692	2.692	2.675	2.675	2.683	2.685	2.634	2.736	0.051
Ethane	3.125	3.125	3.125	3.108	3.108	3.117	3.118	3.068	3.168	0.050
Propane	6.033	6.042	6.050	6.017	6.017	6.017	6.029	5.942	6.116	0.087

DG10127.MEI

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : CMAX
Instrument ID : GC1D10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI27011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.950	6.104	37.3	24040.3	864724	35.97	-4		15

DG10:27.MET

9/30/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ01002A 10/01/2010 10:46
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	DL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	399175	14.79	9		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	425181	26.56	12		15
Ethane	3.125	3.075	3.175	25.4	23138.2	674606	29.16	15		15
Propane	6.025	5.938	6.112	37.5	24040.5	957044	39.81	7		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:45
Conc Cont LFID & Datetime: FJ01020A 10/01/2010 14:35
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.117	1.088	1.146	13.6	26984.4	404672	15.00	11		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	428609	26.78	13		15
Ethane	3.125	3.075	3.175	25.4	23138.2	675823	29.21	15		15
Propane	6.025	5.938	6.112	37.3	24040.3	1001787	41.67	12		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ01032A 10/01/2010 16:56
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	400787	14.85	10		15
Ethylene	2.697	2.641	2.743	23.7	16006.0	430137	26.87	13		15
Ethane	3.133	3.083	3.183	25.4	23138.2	673322	29.10	14		15
Propane	6.025	5.938	6.112	37.3	24040.3	989783	41.17	10		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

	std added		He added
1)	0.08 mL	+	3.92 mL He
2)	0.4 mL	+	3.6 mL
3)	1.0 mL	+	3.0 mL
4)	1.6 mL	+	2.4 mL
5)	3.0 mL	+	1.0 mL
6)	4.0 mL	+	0.0 mL

Book #: A10-021

Instrument No.: 10

Analytical Sequence: F127

Method File: DG10127

Analytical Batch: DG10127001

SOP #	Rev. #
☑ EMAX-RSK175	1
☑ EMAX-RSK175M (DGAS)	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL Scotty SSSA-05-01-1	500 ppm
DGAS ICAL (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 9/27/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Mult	Description
1	IB10I359	dg10F08.met	FI27.001	1	
2	CDG10F08359	dg10F08.met	FI27.002	1	1
3	CDG10F08359	dg10F08.met	FI27.003	1	(2)DOES NOT PASS , NEED ICAL
4	CDG10F08359	dg10F08.met	FI27.004	1	3
5	DG10I27001	hods\dg10i27.met	FI27.005	1	DGAS ICAL
6	DG10I27002	hods\dg10i27.met	FI27.006	1	DGAS ICAL
7	DG10I27003	hods\dg10i27.met	FI27.007	1	DGAS ICAL
8	DG10I27004	hods\dg10i27.met	FI27.008	1	DGAS ICAL
9	DG10I27005	hods\dg10i27.met	FI27.009	1	DGAS ICAL
10	DG10I27006	hods\dg10i27.met	FI27.010	1	DGAS ICAL
11	JDG10I27001	hods\dg10i27.met	FI27.011	1	DGAS ICV 2nd SOURCE
12	DGI019B	hods\dg10i27.met	FI27.012	1	
13	DGI019L	hods\dg10i27.met	FI27.013	1	
14	DGI019C	hods\dg10i27.met	FI27.014	1	
15	DGI020L	hods\dg10i27.met	FI27.015	1	
16	DGI020C	hods\dg10i27.met	FI27.016	1	
17	10I246-01	hods\dg10i27.met	FI27.017	1	
18	10I246-02	hods\dg10i27.met	FI27.018	1	
19	10I246-01T DF=10	hods\dg10i27.met	FI27.019	10	
20	10I246-02M	hods\dg10i27.met	FI27.020	1	
21	10I246-02S	hods\dg10i27.met	FI27.021	1	
22	10I246-03	hods\dg10i27.met	FI27.022	1	
23	10I246-04	hods\dg10i27.met	FI27.023	1	
24	10I246-05	hods\dg10i27.met	FI27.024	1	
25	10I246-06	hods\dg10i27.met	FI27.025	1	
26	TEST	hods\dg10i27.met	FI27.026	1	TEST FROM EARLIER PREP STD
27	TEST	hods\dg10i27.met	FI27.027	1	TEST FROM EARLIER PREP STD
28	TEST	hods\dg10i27.met	FI27.028	1	TEST FROM EARLIER PREP STD
29	CHANGE SEPTA	hods\dg10i27.met	FI27.029	1	
30	CDG10I27002	hods\dg10i27.met	FI27.030	1	not integrated
31	CDG10I27002 ✓	hods\dg10i27.met	FI27.031	1	NEW DCG
32	10I246-02W	hods\dg10i27.met	FI27.032	1	CONF ONLY
33	10I246-01I DF=200	hods\dg10i27.met	FI27.033	200	?
34	10I246-01J DF=500	hods\dg10i27.met	FI27.034	500	J not integrated see chrom
35	10I246-01J DF=1000	hods\dg10i27.met	FI27.035	1000	✓

FINAL

Start | EZChrom Chromatography | Method Dg10i27.met Ba... | untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010 8:25 AM

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Mult.	Description
36	101246-05T DF=1000	hods\dg10i27.met	FI27.036	1000	✓
37	101246-06T DF=1000	hods\dg10i27.met	FI27.037	1000	RIC high
38	CDG10127003	hods\dg10i27.met	FI27.038	1	
39	BB	hods\dg10i27.met	FI27.039	1	
40	BB	hods\dg10i27.met	FI27.040	1	
41	BB	hods\dg10i27.met	FI27.041	1	
42	BB	hods\dg10i27.met	FI27.042	1	
43	BB	hods\dg10i27.met	FI27.043	1	
44	BB	hods\dg10i27.met	FI27.044	1	
45	BB	hods\dg10i27.met	FI27.045	1	
46	BB	hods\dg10i27.met	FI27.046	1	
47	BB	hods\dg10i27.met	FI27.047	1	
48	BB	hods\dg10i27.met	FI27.048	1	
49	BB	hods\dg10i27.met	FI27.049	1	
50	BB	hods\dg10i27.met	FI27.050	1	
51	BB	hods\dg10i27.met	FI27.051	1	
52	BB	hods\dg10i27.met	FI27.052	1	
53	BB	hods\dg10i27.met	FI27.053	1	
54	BB	hods\dg10i27.met	FI27.054	1	
55	BB	hods\dg10i27.met	FI27.055	1	
56	BB	hods\dg10i27.met	FI27.056	1	
57	BB	hods\dg10i27.met	FI27.057	1	
58	BB	hods\dg10i27.met	FI27.058	1	
59	BB	hods\dg10i27.met	FI27.059	1	
60	BB	hods\dg10i27.met	FI27.060	1	
61	BB	hods\dg10i27.met	FI27.061	1	
62	BB	dg10f08.met	FI27.062	1	
63	BB	dg10f08.met	FI27.063	1	
64	BB	dg10f08.met	FI27.064	1	
65	BB	dg10f08.met	FI27.065	1	
66	BB	dg10f08.met	FI27.066	1	
67	BB	dg10f08.met	FI27.067	1	
68	BB	dg10f08.met	FI27.068	1	
69	BB	dg10f08.met	FI27.069	1	
70	BB	dg10f08.met	FI27.070	1	

Start | EZChrom Chromatography | Method: Dg10i27.met - Ba | untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	F301
Method File:	DG10T27
Analytical Batch:	CDG10T27019

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS OCC 5553-06-44-1	200
Temperature (°C) 2.2	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/6ZC_9_DGAS	

Analyzed By: SD

Date: 10/01/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fj01.seq Data: Fj01.035 - [Batch: Fj01.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID	Method	Filename	Mult.	Description
1	IB10I019	dg10i27.met	FJ01.001	1	
2	CDG10I27019	dg10i27.met	FJ01.002	1	
3	DGJ001B	dg10i27.met	FJ01.003	1	
4	DGJ001L	dg10i27.met	FJ01.004	1	
5	DGJ001C	dg10i27.met	FJ01.005	1	
6	10I285-02	dg10i27.met	FJ01.006	1	
7	10I285-02M	dg10i27.met	FJ01.007	1	
8	10I285-02S	dg10i27.met	FJ01.008	1	
9	10I285-03	dg10i27.met	FJ01.009	1	
10	10I285-04	dg10i27.met	FJ01.010	1	
11	10I304-03	dg10i27.met	FJ01.011	1	
12	10I304-04	dg10i27.met	FJ01.012	1	
13	10I304-04T DF=25	dg10i27.met	FJ01.013	25	BAD INJECTION
14	10I307-02	dg10i27.met	FJ01.014	1	
15	10I307-03	dg10i27.met	FJ01.015	1	
16	10I307-05	dg10i27.met	FJ01.016	1	
17	10I307-06	dg10i27.met	FJ01.017	1	
18	10I307-07	dg10i27.met	FJ01.018	1	
19	10I307-08	dg10i27.met	FJ01.019	1	
20	CDG10I27020	dg10i27.met	FJ01.020	1	
21	10I304-04T DF=10	dg10i27.met	FJ01.021	10	
22	10I343-01	dg10i27.met	FJ01.022	1	
23	10I343-02	dg10i27.met	FJ01.023	1	
24	10I343-03	dg10i27.met	FJ01.024	1	
25	10I343-05	dg10i27.met	FJ01.025	1	
26	10I343-07	dg10i27.met	FJ01.026	1	
27	10I343-02T DF=500	dg10i27.met	FJ01.027	500	
28	10I343-03T DF=20	dg10i27.met	FJ01.028	20	
29	10I343-07T DF=100	dg10i27.met	FJ01.029	100	
30	10I343-02J DF=25	dg10i27.met	FJ01.030	25	
31	10I343-07J DF=20	dg10i27.met	FJ01.031	20	
32	CDG10I27021	dg10i27.met	FJ01.032	1	
33	10I329-02	dg10i27.met	FJ01.033	1	
34	10I329-03	dg10i27.met	FJ01.034	1	
35	10I329-04	dg10i27.met	FJ01.035	1	

Tools

Start | EZChrom Chromatogra... | Method: Dg10i27.... | Untitled - Paint | Method: Dg10i27.... | Exploring - Export

Friday, October 01, 2011 5:36 PM

Method: Dg10i27.met Batch: Fj01.seq Data: Fj01.039 - [Batch: fj01.seq]

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID	Method	Filename	Mult	Description
36	10I329-05	dg10i27.met	FJ01.036	1	
37	10I329-02T DF=20	dg10i27.met	FJ01.037	20	
38	10I329-03T DF=20	dg10i27.met	FJ01.038	20	
39	10I329-04T DF=20	dg10i27.met	FJ01.039	20	
40	10I329-05T DF=20	dg10i27.met	FJ01.040	20	
41	CDG10I27022	dg10i27.met	FJ01.041	1	
42	IB	dg10i27.met	FJ01.042	1	
43	IB	dg10i27.met	FJ01.043	1	
44	IB	dg10i27.met	FJ01.044	1	
45	IB	dg10i27.met	FJ01.045	1	
46	IB	dg10i27.met	FJ01.046	1	
47	IB	dg10i27.met	FJ01.047	1	
48	IB	dg10i27.met	FJ01.048	1	
49	IB	dg10i27.met	FJ01.049	1	
50	IB	dg10i27.met	FJ01.050	1	
51	IB	dg10i27.met	FJ01.051	1	
52	IB	dg10i27.met	FJ01.052	1	
53	IB	dg10i27.met	FJ01.053	1	
54	IB	dg10i27.met	FJ01.054	1	
55	IB	dg10i27.met	FJ01.055	1	
56	IB	dg10i27.met	FJ01.056	1	
57	IB	dg10i27.met	FJ01.057	1	
58	IB	dg10i27.met	FJ01.058	1	
59	IB	dg10i27.met	FJ01.059	1	
60	IB	dg10i27.met	FJ01.060	1	
61	IB	dg10i27.met	FJ01.061	1	
62	IB	dg10i27.met	FJ01.062	1	
63	IB	dg10i27.met	FJ01.063	1	
64	IB	dg10i27.met	FJ01.064	1	
65	IB	dg10i27.met	FJ01.065	1	
66	IB	dg10i27.met	FJ01.066	1	
67	IB	dg10i27.met	FJ01.067	1	
68	IB	dg10i27.met	FJ01.068	1	
69	IB	dg10i27.met	FJ01.069	1	
70	IB	dg10i27.met	FJ01.070	1	

FINAL

Start | EZChrom Chromatograp | Method: Dg10i27.... | Untitled - Paint | Method: Dg10i27.met | Exploring - Export | Calculator | Friday, October 01, 201 | 6:20 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/27/10 Time: 1:30 End Date: 9/27/10 Time: 12:30

PREPARATION BATCH # N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DGIC127-001	39	4	N/A	
02	DGIC127-002				
03	DGIC127-003				DGAS ICAL
04	DGIC127-004				
05	DGIC127-005				
06	DGIC127-006				
07	DGIC127-001				DGAS ICV.
08					
09					
10					
11					
12					
13					
14					
15					
16					
17			50 ml/27/10		
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-09-01-5	100

Reagent	Lot#/ID
H_2O	Organic free
He	ultra pure
ICAL DGAS STD	SSSA-09-01-1 (Scotty)
ICAL DGAS STD	SSSA-09-01-5 (Methane)

SDG #	Extract Location

Comments:

1) 0.09 mL ICAL standard + 3.91 mL He
2) 0.1 mL + 3.9 mL
3) 1.0 mL + 3.0 mL
4) 1.6 mL + 2.4 mL
5) 3.0 mL + 1.0 mL
6) 4.0 mL + 0.0 mL

Prepared By: SD

Standard Added By: SD

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): Book # EDG-022

Start Date: 9/27/16 Time: 12:30 End Date: 9/27/16 Time: 13:30

PREPARATION BATCH # DG1619/DG1620

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG1619 WB	30	4	NA	
02	WL				
03	WC				
04	DG1620 WB				
05	WL				
06	WC				
07	602246-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	-06				
13	-07				
14	-08				
15	-09				
16	-10				
17	-22B				
18	-22S				
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SSTA-05-01-5	100

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquide/ Alphagaz.

SDG #	Extract Location

Comments:

Prepared By: SO

Standard Added By: SO

EMAX LABORATORIES INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 10.10.10 Time: 10:30 End Date: 10.10.10 Time: 11:30

PREPARATION BATCH # 081001

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	0G3001B	30	4	NA	
02	L				
03	C				
04	10I385 - 02			<2	
05	- 02M			<2	
06	-02S			<2	
07	-03			<2	
08	- 04			<2	
09	10I364 -03			<2	
10	-04			<2	
11	10I307 -02			<2	
12	-03			<5	
13	-05			<2	
14	-06			<2	
15	-07			<2	
16	-08			<2	
17	10I343 -01			<2	
18	-02			<2	
19	-03			<2	
20	-05			<2	
21	-07			<2	
22	10I324 -02			<2	
23	-03			<2	
24	-04			<2	
25	-05			<2	

Standards	ID	Amount Added (µl)
LCS/MS	559A-05-01-5	100
DXC	535A-05-01-1	100

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquid / Alphagas

SDG #	Extract Location

Comments:

Prepared By: SH

Standard Added By: SH

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CLIENT: INSIGHT EEC, INC.

PROJECT: NWS SEAL BEACH, IR SITE 70.

SDG: 10I370

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OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618 8889
Fax: (310) 618-0818

Date: 10-19-2010
EMAX Batch No.: 101370

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/24/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SHB217-A10	1370-01	09/23/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-MNA16-A10	1370-02	09/23/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-PMW14B-A10	1370-03	09/23/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
MW-70-PMW14D A10 D	1370-04	09/23/10	WATER	ANIONS BY IC
				DISSOLVED GAS
				DISSOLVED METALS BY ICP
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON

Sample ID	Control #	Col Date	Matrix	Analysis
				ALKALINITY
				TOTAL DISSOLVED SOLIDS
				DISSOLVED HYDROGEN SULFIDE
TB-09/23/10	1370-05	09/23/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-21-A10	1370-06	09/24/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-POC04-A10	1370-07	09/24/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA13-A10	1370-08	09/24/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW 70 15 A10	1370-09	09/24/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
MW-70-36-A10	1370-10	09/24/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-36-A10-D	1370-11	09/24/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-MNA17-A10	1370-12	09/23/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS_0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. * 10 I 370

PROJECT CODE: 4-14114

CLIENT: INSIGHT ECC, INC

PROJECT: NWS SEAL BEACH IR SITE 70

COORDINATOR: NICK WEINBERGER

TEL: 714-678-6780 FAX: 714-678-6711 EMAIL: NWEINBERGER@EPA.COM

SEND REPORT TO: NICK WEINBERGER

COMPANY: INSIGHT ECC, INC

ADDRESS: 3010 E. MIRALOMA AVE, ANAHEIM, CA 92806

EMAX PM: Ye Mint

MATRIX CODE: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Solid Sediment; WP=Wipes; PP=Pure Products; AA=Air; Or=

PRESERVATIVE CODE: IC = Ice; HC = HCl; HN=HNO3; SH=NaOH; SF=H2SO3; ZA=Zinc Acetate; HS=H2SO4

ANALYSIS REQUIRED: VOCs (8260B); DISS. GASES (RSK 175); ANIONS (EPA 300.0, 353.2, 375.4, 300.0); TDS; AEL; VFA; TOC (5310B); DISS H2S (4500 F); DISS METAL (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	VOCs (8260B)	DISS GASES (RSK 175)	ANIONS	TDS	TOC (5310B)	DISS H2S (4500 F)	DISS METAL (6010B)		COMMENTS
1	IN-70-SB8217-A10	IN 70	9/23/10	1024	6	40ml	VOA	GW	III	X	X							
2	MW-70-MNA16-A10	↓	↓	1058	6	40ml	VOA	GW	III	X	X							
3	MW-70-PMW14B-A10	↓	↓	1448	10	[illegible]	[illegible]	GW	III	X	X	X	X	X	X			
4	MW-70-PMW14B-A10-D	IN 70	9/23/10	1458	10	[illegible]	[illegible]	GW	III	X	X	X	X	X	X			DUPLICATE
5	TB-09/23/10	IN 70	9/23/10	0700	2	40ml	VOA	GW	III	X								TRIP BLANK
6	MW-70-21-A10	IN 70	9/24/10	0747	3	40ml	VOA	GW	III	X								
7	MW-70-POC04-A10	IN 70	9/24/10	0835	3	↓	↓	GW	III	X								
8	MW-70-MNA13-A10	↓	↓	1108	6	↓	↓	GW	III	X	X							
9	MW-70-15-A10	↓	↓	1141	6	↓	↓	GW	III	X	X							
10	MW-70-35-A10	IN 70	9/24/10	1210	3	40ml	VOA	GW	III	X								VOC's only

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.4°C	

SAMPLER: CHASE BROGDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/24/10	1522	Keith Stout
Keith Stout	9/24/10	1550	[signature]

NOTICE: Turn around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall run at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 5 days (15 calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-8818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE
EMAX CONTROL NO. * 10 I 370
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: UNS SOUTH BEACH IN SITE 70
COORDINATOR: NICK WIENBERGER
TEL: 714 678 6700 FAX: 714 678 6711 EMAIL: NWIENBERGER@GEOI.COM
SEND REPORT TO: NICK WIENBERGER
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 E. MIRALOMA AVE. ANAHEIM CA. 92806
EMAX PM: Ya Hajint

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	DC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	ST=NaHSO4
WP=Wipes TP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOCs (8260B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HC	COMMENTS
* 1	MW-70-36-P10-D	SR 70	9/24/10	1214	3	40ml	VOA	GW	III	X	DUPLICATE
* 2											
* 3											
* 4											
* 5											
* 6											
* 7											
* 8											
* 9											
* 0											

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.4°C	

SAMPLER: CHASE BADISON
COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/24/10	1502	Keith Stant
Keith Stant	9/24/10	1550	[signature]

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0900 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

Linh Pham

From: Ye Myint
Sent: Friday, September 24, 2010 7:10 PM
To: 'Nick Weinberger'
Cc: Linh Pham
Subject: 101370 (Seal Beach)
Follow Up Flag: Follow up
Flag Status: Flagged

Nick,

Please see the discrepancies associated with the SDG.

One additional sample was received (total of 6 vials with HCL). However, it's not listed in the COC. We will go ahead and login for VOCs and RSK175. Please let me know if you need to cancel the sample. Thanks.

Thanks.

Ye Myint
Project Manager
EMAX Laboratories, Inc.
1835W 205th. St.
Torrance, CA 90501
Ph: 310-618 8889 x121
Fax: 310 618 0818
E mail: ymyint@emaxlabs.com

EMAX Laboratories, Inc.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	RCN 10 I 370
☑ EMAX Courier	SEE Cor	Receipient I. PATEL
☐ Client Delivery		Date 9-24-10
☐ Third Party		Time 1550

COC Inspection

☐ Client Name	☐ Client PM/FC	☑ Sampler Name	☑ Sampling Date/Time/Location	☑ Sample ID	☑ Matrix
☑ Analysis	☑ Bottle # / Box #	☑ Chain Signature	☑ Analysis Required	☑ Preservative (if any)	☑ TAT
Safety Issues	☑ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☐ Bubble Pack	☐ Styrofoam	☑ Popcorn	☑ Sufficient	☑ Plastic Bag
Temperatures (Cool, 36°C but not frozen)	☑ Cooler 1 3.4 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C
Thermometer:	*A - S/N 101541371*	*B - S/N 101541382*			

Comments: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-03			One vial Rec'd Broken	R5
-04		Time 1453	D3	R2
-12		MW-70-MNA17-A10	Rec'd (6) vials	R6, R7
		9/23/10 1335	for VOC & RSK175	
			Not Listed on COC.	

REVIEWS

Sample Labeling: [signature] Date: 9-24-10

SRI: [signature] Date: 9/24/10

PM: IP for YG Date: 9/24/10

LEGEND:

Code Description Sample Management

A1 Analysis is not indicated in COC
A2 Analysis is not indicated in label
A3 Analysis is inconsistent in COC vis-à-vis label
A4 ____
B1 Sample ID is not indicated in COC
B2 Sample ID is not indicated in label
B3 Sample ID is inconsistent in COC vis-à-vis label
B4 ____
C1 Wrong container
C2 Broken container
C3 Leaking container
C4 ____

Code Description Sample Management

D1 Date and/or time is not indicated in COC
D2 Date and/or time is not indicated in label
D3 Date and/or time is inconsistent in COC vis-à-vis label
E1 Insufficient preservative
E2 Improper preservation
F1 Insufficient Sample
F2 Bubble in vials
G1 Temperature is out of range
G2 Out of Holding Time
G3 >20 % solid particle
H1 ____
H2 ____

Code Description-Project Management

R1 Hold sample(s), wait for further instructions
R2 Proceed as indicated in COC
R3 Refer to attached instruction
R4 Cancel the analysis
R5 Use other vials provided
R6 Inform client
R7 Login for VOCs + RSK

1.005

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I370

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of twelve (12) water samples were received on 09/24/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO67I41L/C were all within QC limits.
Percent recoveries for VO67J04L/C were all within QC limits.
Percent recoveries for VO67J05L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to Cis-1,2-Dichloroethene in samples I370-01, -02 and -04 because of improper integration. Chromatograms of before and after manual integration were submitted for review. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Vials received for samples I370-03 and -04 has bubbles >6mm. Analysis was performed using vials with the smallest bubbles.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 101370
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : T-067

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V067I41B	1	NA	09/30/1004:25	09/30/1004:25	RIC819	RIC211	V067I41	Method Blank
LCS1W	V067I41L	1	NA	09/30/1002:49	09/30/1002:49	RIC816	RIC211	V067I41	Lab Control Sample (LCS)
LCD1W	V067I41C	1	NA	09/30/1003:21	09/30/1003:21	RIC817	RIC211	V067I41	LCS Duplicate
IW-70-SHB217-A10DL	1370-01T	50	NA	09/30/1007:02	09/30/1007:02	RIC824	RIC211	V067I41	Diluted Sample
MW-70-MWA16-A10DL	1370-02T	50	NA	09/30/1011:51	09/30/1011:51	RIC825	RIC211	V067I41	Diluted Sample
MW-70-PMW148-A10DL	1370-03T	50	NA	09/30/1012:23	09/30/1012:23	RIC826	RIC211	V067I41	Diluted Sample
MW-70-PMW148-A10-DDL	1370-04T	50	NA	09/30/1012:55	09/30/1012:55	RIC827	RIC211	V067I41	Diluted Sample
MBLK2W	V067J048	1	NA	10/03/1010:02	10/03/1010:02	RJC074	RIC211	V067J04	Method Blank
LCS2W	V067J04L	1	NA	10/03/1008:13	10/03/1008:13	RJC071	RIC211	V067J04	Lab Control Sample (LCS)
LCD2W	V067J04C	1	NA	10/03/1008:45	10/03/1008:45	RJC072	RIC211	V067J04	LCS Duplicate
TB-09/23/10	1370-05	1	NA	10/03/1011:37	10/03/1011:37	RJC077	RIC211	V067J04	Field Sample
MW-70-21-A10	1370-06	1	NA	10/03/1012:41	10/03/1012:41	RJC079	RIC211	V067J04	Field Sample
MW-70-POC04-A10	1370-07	1	NA	10/03/1013:13	10/03/1013:13	RJC080	RIC211	V067J04	Field Sample
MW-70-MWA13-A10	1370-08	1	NA	10/03/1013:44	10/03/1013:44	RJC081	RIC211	V067J04	Field Sample
MW-70-15-A10	1370-09	1	NA	10/03/1014:16	10/03/1014:16	RJC082	RIC211	V067J04	Field Sample
MW-70-36-A10	1370-10	1	NA	10/03/1014:48	10/03/1014:48	RJC083	RIC211	V067J04	Field Sample
MW-70-35-A10-D	1370-11	1	NA	10/03/1015:20	10/03/1015:20	RJC084	RIC211	V067J04	Field Sample
MW-70-MWA17-A10	1370-12	1	NA	10/03/1015:52	10/03/1015:52	RJC085	RIC211	V067J04	Field Sample
MBLK3W	V067J058	1	NA	10/04/1011:57	10/04/1011:57	RJC100	RIC211	V067J05	Method Blank
LCS3W	V067J05L	1	NA	10/04/1010:21	10/04/1010:21	RJC097	RIC211	V067J05	Lab Control Sample (LCS)
LCD3W	V067J05C	1	NA	10/04/1010:53	10/04/1010:53	RJC098	RIC211	V067J05	LCS Duplicate
IW-70-SHB217-A10	1370-01	1	NA	10/04/1018:49	10/04/1018:49	RJC113	RIC211	V067J05	Field Sample
MW-70-PMW148-A10	1370-03	1	NA	10/04/1019:21	10/04/1019:21	RJC114	RIC211	V067J05	Field Sample
MW-70-PMW148-A10-D	1370-04	1	NA	10/04/1019:52	10/04/1019:52	RJC115	RIC211	V067J05	Field Sample
MW-70-MWA16-A10	1370-02	1	NA	10/04/1020:24	10/04/1020:24	RJC116	RIC211	V067J05	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: WWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/04/10 18:49
Sample ID:	IW-70-SHB217-A10	Date Analyzed:	10/04/10 18:49
Lab Samp ID:	I370-01	Dilution Factor:	1
Lab File ID:	RJC113	Matrix	: WATER
Ext Btch ID:	V067J05	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	0.82J	1.0	0.20
1,1-DICHLOROETHENE	5.5	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	57DE	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	12DE	1.0	0.20
TRICHLOROETHENE	45	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	3.2	0.50	0.30
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	102	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	09/30/10 07:02
Sample ID:	IW-70-SW8217-A100L	Date Analyzed:	09/30/10 07:02
Lab Samp ID:	1370-01T	Dilution Factor:	50
Lab File ID:	R1C824	Matrix	: WATER
Ext Hitch ID:	V067141	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2 TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3 TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	1000	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	120	50	10
TRICHLOROETHENE	44J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	ND	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	98	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/04/10 20:24
Sample ID:	MW-70-MNA16 A10	Date Analyzed:	10/04/10 20:24
Lab Samp ID:	I370-02	Dilution Factor:	1
Lab File ID:	RJC116	Matrix	: WATER
Ext Btch ID:	V06/105	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.42J	1.0	0.20
1,1-DICHLOROETHENE	3.9	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P ISOPROPYLTOLUENE	ND	1.0	0.20
SEC BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	490E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	54	1.0	0.20
TRICHLOROETHENE	430E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	9.7	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	108	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	09/30/10 11:51
Sample ID:	MW-70-MNA16-A100L	Date Analyzed:	09/30/10 11:51
Lab Samp ID:	1370-02T	Dilution Factor:	50
Lab File ID:	R1C825	Matrix	: WATER
Ext.Btch ID:	VOG7141	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	670	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	52	50	10
TRICHLOROETHENE	510	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	11J	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	97	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 1013/0	Date Extracted:	10/04/10 19:21
Sample ID:	MW-70 PMW148-A10	Date Analyzed:	10/04/10 19:21
Lab Samp ID:	1370-03	Dilution Factor:	1
Lab File ID:	RJC114	Matrix	: WATER
Ext Bich ID:	VD67J05	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T 067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.61J	1.0	0.20
1,1-DICHLOROETHENE	2.6	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	460F	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	47	1.0	0.20
TRICHLOROETHENE	17	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	410E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	102	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 09/30/10 12:23
Sample ID: MW-70-PMW14B A10DL	Date Analyzed: 09/30/10 12:23
Lab Samp ID: 1370-03T	Dilution Factor: 50
Lab File ID: R1C826	Matrix : WATER
Ext Batch ID: V067141	% Moisture : NA
Calib. Ref.: R1C211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	600	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	46J	50	10
TRICHLOROETHENE	16J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	430	25	10
XYLENES (TOTAL)	ND	100	10
M/P XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	98	70 140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 1013/0	Date Extracted:	10/04/10 19:52
Sample ID:	MW 70-PMW14B A10-D	Date Analyzed:	10/04/10 19:52
Lab Samp ID:	1370-04	Dilution Factor:	1
Lab File ID:	RJC115	Matrix	: WATER
Ext Btch ID:	VO67J05	% Moisture	: NA
Cnlib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.62J	1.0	0.20
1,1-DICHLOROETHENE	3.1	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	470E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	48	1.0	0.20
TRICHLOROETHENE	18	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	410E	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 09/30/10 12:55
Sample ID: MW-70-PMW14R-A10-DOL	Date Analyzed: 09/30/10 12:55
Lab Samp ID: 1370-041	Dilution Factor: 50
Lab File ID: R1C827	Matrix : WATER
Ext Btch ID: V067141	% Moisture : NA
Calib. Ref.: R1C211	Instrument ID : 1-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2 DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	600	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	45J	50	10
TRICHLOROETHENE	16J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	420	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 1013/0	Date Extracted:	10/03/10 11:37
Sample ID:	TB-09/23/10	Date Analyzed:	10/03/10 11:37
Lab Samp ID:	1370-05	Dilution Factor:	1
Lab File ID:	RJC077	Matrix	: WATER
Ext Btch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T 067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.66J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE D8	102	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/03/10 12:41
Sample ID:	MW-70-21-A10	Date Analyzed:	10/03/10 12:41
Lab Samp ID:	1370-06	Dilution Factor:	1
Lab File ID:	RJC079	Matrix	: WATER
Ext Btch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.50
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.50
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/03/10 13:13
Sample ID:	MW-70-POC04-A10	Date Analyzed:	10/03/10 13:13
Lab Samp ID:	1370-07	Dilution Factor:	1
Lab File ID:	RJC080	Matrix	: WATER
Ext Btch ID:	V06/104	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: 1-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3 TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	7.1J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.50
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	4.0	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	115	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/03/10 13:44
Sample ID:	MW-70-MNA13-A10	Date Analyzed:	10/03/10 13:44
Lab Samp ID:	1370-08	Dilution Factor:	1
Lab File ID:	RJC081	Matrix	: WATER
Ext Btch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	0.72	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	41	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	1.4	1.0	0.20
TRICHLOROETHENE	34	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.30
VINYL CHLORIDE	0.22J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 10135/0	Date Extracted:	10/03/10 14:16
Sample ID:	MW 70-15 A10	Date Analyzed:	10/03/10 14:16
Lab Samp ID:	1370-09	Dilution Factor:	1
Lab File ID:	RJC082	Matrix	: WATER
Ext.Btch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	5.1J	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	4.2	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.50
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	14	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.50
VINYL CHLORIDE	ND	0.50	0.50
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: TQ1370	Date Extracted:	10/03/10 14:48
Sample ID:	MW 70 36 A10	Date Analyzed:	10/03/10 14:48
Lab Samp ID:	1370-10	Dilution Factor:	1
Lab File ID:	RJC083	Matrix	: WATER
Ext.Btch ID:	VD67J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.50
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.20
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	2.7	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	2.0	0.20
XYLENES (TOTAL)	ND	0.50	0.20
M/P-XYLENES	ND	2.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	102	70-140
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: IMSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101570	Date Extracted:	10/03/10 15:20
Sample ID:	MW-70-36-A10-D	Date Analyzed:	10/03/10 15:20
Lab Samp ID:	1370-11	Dilution Factor:	1
Lab File Id:	RJC084	Matrix	: WATER
Ext Btch Id:	V087J04	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.50
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.50
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	3.0	1.0	0.50
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	102	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/03/10 15:52
Sample ID:	MW-70-MWA17-A10	Date Analyzed:	10/03/10 15:52
Lab Samp ID:	1370-12	Dilution Factor:	1
Lab File ID:	RJC085	Matrix	: WATER
Ext Btch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: 1-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4 TRIMETHYLBENZENE	ND	1.0	0.20
1,3 DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	7.2	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	3.3	1.0	0.20
TRICHLOROETHENE	20	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.27J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	101	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 1D1370	Date Extracted:	09/30/10 04:25
Sample ID:	MBLK1W	Date Analyzed:	09/30/10 04:25
Lab Samp ID:	V067141B	Dilution Factor:	1
Lab File ID:	R1C819	Matrix	: WATER
Ext Btch ID:	V067141	% Moisture	: NA
Calib. Ref.:	R1C211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.50
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	95	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, LR SITE 70.
BATCH NO.: 101370
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MBLK1W
LAB SAMP ID: V067141B | V067141L | V067141C
LAB FILE ID: RIC819 | RIC816 | RIC817
DATE EXTRACTED: 09/30/1004:25 | 09/30/1002:49 | 09/30/1003:21
DATE ANALYZED: 09/30/1004:25 | 09/30/1002:49 | 09/30/1003:21
PREP. BATCH: V067141 | V067141 | V067141
CALIB. REF: RIC211 | RIC211 | RIC211

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 09/30/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.1	101	10.0	9.70	97	4	60-130	30
Benzene	ND	10.0	9.78	98	10.0	9.29	93	5	70-130	30
Chlorobenzene	ND	10.0	10.0	100	10.0	9.67	97	4	70-120	30
Toluene	ND	10.0	9.66	97	10.0	9.21	92	5	70-130	30
Trichloroethene	ND	10.0	9.40	94	10.0	8.85	88	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.0	110	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	9.88	99	10.0	9.80	98	70-130
Toluene-d8	10.0	9.68	97	10.0	9.62	96	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT FEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/03/10
Batch No.	: 10I5C0	Date Extracted:	10/03/10 10:02
Sample ID:	MBLK2W	Date Analyzed:	10/03/10 10:02
Lab Samp ID:	V067J040	Dilution Factor:	1
Lab File ID:	RJC074	Matrix	: WATER
Ext Batch ID:	V067J04	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.50
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.50
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.50
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.50
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.50
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.50
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.50
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.50
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.50
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	114	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	95	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: SW 5030B/8260B

MATRIX: WATER
% MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V067J04B	V067J04L	V067J04C		
LAB FILE ID:	RJC074	RJC071	RJC072		
DATE EXTRACTED:	10/03/1010:02	10/03/1008:13	10/03/1008:45	DATE COLLECTED:	NA
DATE ANALYZED:	10/03/1010:02	10/03/1008:13	10/03/1008:45	DATE RECEIVED:	10/03/10
PREP. BATCH:	V067J04	V067J04	V067J04		
CALIB. REF:	RIC211	RIC211	RIC211		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.0	100	10.0	9.78	98	2	60-130	30
Benzene	ND	10.0	10.1	101	10.0	9.63	96	5	70-130	30
Chlorobenzene	ND	10.0	10.6	106	10.0	9.98	100	6	70-130	30
Toluene	ND	10.0	10.1	101	10.0	9.53	95	6	70-130	30
Trichloroethene	ND	10.0	9.60	96	10.0	9.04	90	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.7	107	10.0	10.8	108	70-140
4-Bromofluorobenzene	10.0	10.2	102	10.0	10.1	101	70-130
Toluene-d8	10.0	10.2	102	10.0	10.1	101	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/04/10
Batch No.	: 1D1370	Date Extracted:	10/04/10 11:57
Sample ID:	MBLK3W	Date Analyzed:	10/04/10 11:57
Lab Samp ID:	VD67J05B	Dilution Factor:	1
Lab File ID:	RJC100	Matrix	: WATER
Ext Btch ID:	VD67J05	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	108	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101570
METHOD: SW 5030B/8260B

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK3W		
LAB SAMP ID:	V067J05B	V067J05L	V067J05C
LAB FILE ID:	RJC100	RJC097	RJC098
DATE EXTRACTED:	10/04/1011:57	10/04/1010:21	10/04/1010:55
DATE ANALYZED:	10/04/1011:57	10/04/1010:21	10/04/1010:55
PREP. BATCH:	V067J05	V067J05	V067J05
CALIB. REF:	RIC211	RIC211	RIC211

DATE COLLECTED: NA
DATE RECEIVED: 10/04/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.42	94	10.0	9.39	94	0	60-130	30
Benzene	ND	10.0	9.30	93	10.0	9.45	95	2	70-130	30
Chlorobenzene	ND	10.0	9.73	97	10.0	9.95	99	2	70-120	30
Toluene	ND	10.0	9.47	94	10.0	9.51	95	2	70-130	30
Trichloroethene	ND	10.0	8.92	89	10.0	9.11	91	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.9	109	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.4	104	70-130
Toluene-d8	10.0	10.8	108	10.0	10.7	107	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXI Case No.:
Lab File ID: RIC205
Instrument ID: T067
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101370
BFB Injection Date : 09/09/10
BFB Injection Time : 19:40
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.98
75	30.0 - 60.0% of mass 95	36.83
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.65
173	Less than 2.0% of mass 174	0.00(0.01)
174	Greater than 50% of mass 95	84.00
175	5.0 - 9.0% of mass 174	7.14(8.51)
176	95.0 - 101.0% of mass 174	81.22(96.71)
177	5.0 - 9.0% of mass 176	5.61(6.91)

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.5	V067I091	RIC206	09/09/10	20:13
2	VSTD0.5	V067I092	RIC207	09/09/10	20:47
3	VSTD01	V067I093	RIC208	09/09/10	21:21
4	VSTD02	V067I094	RIC209	09/09/10	21:54
5	VSTD05	V067I095	RIC210	09/09/10	22:28
6	VSTD010	V067I096	RIC211	09/09/10	23:01
7	VSTD020	V067I097	RIC212	09/09/10	23:35
8	VSTD030	V067I098	RIC213	09/10/10	00:09
9	VSTD040	V067I099	RIC214	09/10/10	00:43
10	VSTD050	V067I0910	RIC215	09/10/10	01:16
11	VSTD100	V067I0911	RIC216	09/10/10	01:50

FORM V VOA DLM02.0

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIC219
Instrument ID: 1067
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101370
BFB Injection Date : 09/10/10
BFB Injection Time : 09:51
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.98
75	30.0 - 60.0% of mass 95	37.42
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.07
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.80
175	5.0 - 9.0% of mass 174	6.94(8.8)1
176	95.0 - 101.0% of mass 174	77.81(98.7)1
177	5.0 - 9.0% of mass 176	5.49(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV06710901	RIC220	09/10/10	10:08

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TC67
Beginning DateTime :09/09/10 20:13
Spike Units :PPB
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/10/10 01:50
HPChem Method :V067109

M	IDX	Parameters	.5 20:13 RIC206	.5 20:47 RIC207	1 21:21 RIC208	2 21:54 RIC209	5 22:28 RIC210	10 23:01 RIC211	20 23:35 RIC212	30 00:09 RIC213	40 00:43 RIC214	50 01:16 RIC215	100 01:50 RIC216	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	6.1439
	2	Dichlorodifluoromethane	------	0.235	0.223	0.227	0.263	0.201	0.239	0.245	0.229	0.271	0.269	0.240	9.27	1.9180
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	------	0.366	0.364	0.370	0.418	0.349	0.394	0.393	0.376	0.436	0.429	0.389	7.65	2.1535
	5	Vinyl chloride	------	0.314	0.327	0.330	0.364	0.286	0.300	0.279	0.247	0.270	------	0.302	11.81	2.2843
	6	Bromomethane	------	0.239	0.225	0.233	0.266	0.223	0.252	0.253	0.239	0.276	0.271	0.248	7.66	2.7843
	7	Chloroethane	------	0.196	0.201	0.198	0.233	0.190	0.221	0.218	0.208	0.241	0.237	0.214	8.52	2.8838
	8	Dichlorofluoromethane	0.531	0.511	0.525	0.497	0.546	0.486	0.522	0.522	0.528	0.579	0.560	0.530	5.58	2.9220
	9	Trichlorofluoromethane	------	0.227	0.234	0.261	0.318	0.255	0.303	0.302	0.289	0.337	0.331	0.286	13.83	3.1736
	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	------	0.008	0.008	0.007	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	11.70	3.6624
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	0.199	0.183	0.191	0.178	0.197	0.178	0.189	0.190	0.192	0.209	0.212	0.192	5.77	3.7056
5	13	Acetone	------	------	------	0.020	0.020	0.016	0.017	0.017	0.017	0.019	0.018	0.018	8.06	3.7406
5	14	tert-Butyl alcohol	------	------	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.006	0.006	6.53	4.0005
	15	1,1-Dichloroethene	0.442	0.449	0.466	0.426	0.472	0.423	0.450	0.452	0.456	0.500	0.505	0.458	5.76	3.9012
10	16	Acetonitrile	0.047	0.048	0.049	0.046	0.052	0.047	0.051	0.051	0.051	0.057	0.057	0.051	7.26	4.3615
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	0.515	0.513	0.519	0.485	0.548	0.486	0.522	0.522	0.526	0.583	0.584	0.528	6.20	4.2897
	19	Methylene chloride	0.420	0.379	0.363	0.319	0.348	0.301	0.317	0.323	0.325	0.363	0.357	0.346	9.90	4.5079
	20	Carbon disulfide	1.262	1.020	1.109	1.133	1.317	1.120	1.215	1.221	1.261	1.347	1.355	1.215	8.89	4.5265
5	21	Acrylonitrile	0.023	0.028	0.028	0.026	0.029	0.026	0.028	0.029	0.029	0.033	0.032	0.028	9.87	4.6715
	22	tert-Butyl methyl ether (MTBE)	0.273	0.278	0.284	0.275	0.296	0.265	0.285	0.287	0.289	0.323	0.318	0.288	6.25	4.7048
	23	trans-1,2-Dichloroethene	0.455	0.456	0.462	0.435	0.490	0.437	0.472	0.472	0.480	0.526	0.531	0.474	6.66	4.8910
	24	Isopropyl ether (DIPE)	0.745	0.790	0.830	0.772	0.853	0.760	0.816	0.827	0.836	0.938	0.935	0.827	7.67	5.3088
	25	Vinyl acetate	------	0.195	0.206	0.212	0.242	0.206	0.240	0.233	0.226	0.262	0.255	0.228	9.84	5.4610
	26	1,1-Dichloroethane	0.534	0.518	0.523	0.497	0.557	0.492	0.533	0.532	0.542	0.596	0.599	0.538	6.43	5.4605
5	27	2-Butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	28	tert-Butyl ethyl ether (ETBE)	0.403	0.448	0.481	0.458	0.524	0.471	0.500	0.506	0.515	0.573	0.572	0.496	10.28	5.8636
5	29	2-Butanone	0.035	0.032	0.036	0.032	0.032	0.030	0.033	0.033	0.034	0.036	0.038	0.034	7.88	6.0378
	30	2,2-Dichloropropane	0.335	0.360	0.325	0.295	0.312	0.270	0.289	0.283	0.277	0.301	0.285	0.303	9.09	6.2361
	31	cis-1,2-Dichloroethene	0.336	0.337	0.346	0.321	0.362	0.326	0.351	0.351	0.351	0.368	0.388	0.351	6.28	6.3013
	32	Chloroform	0.448	0.433	0.449	0.418	0.460	0.415	0.446	0.445	0.447	0.500	0.496	0.451	5.97	6.5208
	33	Bromochloromethane	0.167	0.172	0.175	0.163	0.189	0.166	0.181	0.180	0.182	0.202	0.202	0.180	7.50	6.7549
	34	Dibromofluoromethane	------	------	0.267	0.201	0.270	0.251	0.256	0.256	0.260	0.292	0.289	0.260	10.19	6.8348
	35	1,1,1-Trichloroethane	0.396	0.366	0.384	0.359	0.402	0.366	0.389	0.391	0.392	0.433	0.428	0.391	6.03	7.0929
	36	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	37	tert-Amyl methyl ether (TAME)	0.053	0.068	0.071	0.070	0.080	0.072	0.076	0.077	0.079	0.085	0.085	0.074	12.27	7.4934
	38	1,2-Dichloroethane-d4	------	------	0.141	0.109	0.139	0.124	0.125	0.129	0.129	0.145	0.144	0.132	8.83	7.5616
	39	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.2527
	40	1,1-Dichloropropene	0.243	0.244	0.239	0.220	0.238	0.218	0.233	0.230	0.232	0.257	0.259	0.238	5.50	7.3257
	41	Carbon tetrachloride	0.462	0.438	0.457	0.412	0.455	0.415	0.452	0.442	0.451	0.493	0.503	0.453	6.11	7.4681
	42	1,2-Dichloroethane	0.204	0.197	0.211	0.198	0.219	0.198	0.209	0.206	0.210	0.232	0.229	0.210	5.73	7.7009
	43	Benzene	1.741	1.655	1.655	1.468	1.636	1.476	1.594	1.565	1.592	1.761	1.699	1.622	5.90	7.7208
	44	Trichloroethene	0.480	0.459	0.479	0.439	0.482	0.442	0.480	0.471	0.476	0.528	0.534	0.479	6.23	8.6521
	45	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	46	1,2-Dichloropropane	0.364	0.342	0.349	0.322	0.359	0.319	0.347	0.343	0.348	0.390	0.390	0.352	6.51	8.9302
20	47	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	8.12	9.3292
	48	Bromodichloromethane	0.335	0.350	0.355	0.327	0.363	0.325	0.352	0.347	0.354	0.393	0.392	0.354	6.39	9.3014
	49	Dibromomethane	0.113	0.123	0.133	0.123	0.127	0.124	0.131	0.129	0.132	0.147	0.146	0.130	7.74	9.3879
	50	2-Chloroethyl vinyl ether	------	------	0.043	0.033	0.042	0.039	0.041	0.041	0.042	0.047	0.045	0.042	8.56	9.7991
5	51	4-Methyl-2-pentanone	0.088	0.088	0.100	0.094	0.101	0.096	0.102	0.104	0.107	0.120	0.119	0.102	10.58	9.8402
	52	cis-1,3-Dichloropropene	0.419	0.405	0.433	0.405	0.450	0.404	0.435	0.433	0.436	0.490	0.489	0.436	6.95	10.1875
	53	Toluene-d8	------	------	1.461	1.088	1.470	1.338	1.380	1.378	1.397	1.557	1.536	1.401	9.91	10.5894
	54	Toluene	1.855	1.714	1.739	1.598	1.765	1.595	1.714	1.702	1.727	1.900	------	1.731	5.54	10.7266
	55	Ethyl methacrylate	0.185	0.159	0.170	0.156	0.179	0.163	0.175	0.174	0.178	0.199	0.200	0.176	8.30	11.0216
	56	trans-1,3-Dichloropropene	0.258	0.252	0.271	0.254	0.279	0.252	0.272	0.272	0.277	0.305	0.307	0.273	7.04	11.0363
	57	2-Hexanone	0.050	0.053	0.057	0.055	0.060	0.058	0.061	0.063	0.064	0.072	0.073	0.060	12.36	11.3183
	58	1,1,2-Trichloroethane	0.139	0.158	0.155	0.150	0.168	0.151	0.162	0.160	0.164	0.180	0.179	0.161	7.42	11.3077
	59	1,3-Dichloropropane	0.270	0.286	0.302	0.274	0.298	0.265	0.286	0.285	0.292	0.323	0.321	0.291	6.55	11.7454
	60	Tetrachloroethene	0.415	0.382	0.396	0.362	0.395	0.367	0.393	0.389	0.391	0.431	0.426	0.395	5.54	11.8505
	61	Dibromochloromethane	0.189	0.192	0.201	0.190	0.209	0.193	0.206	0.205	0.209	0.233	0.231	0.205	7.42	12.2070
	62	1,2-Dibromoethane	0.153	0.161	0.165	0.147	0.164	0.147	0.157	0.157	0.160	0.175	0.175	0.160	5.99	12.5663
	63	1-Chlorohexane	0.861	0.787	0.752	0.687	0.746	0.696	0.739	0.730	0.738	0.807	0.811	0.759	6.68	12.8616

9/13/10

64	Chlorobenzene	0.979	0.957	0.963	0.923	1.015	0.914	0.977	0.973	0.987	1.083	1.086	0.987	5.64	13.3259
65	Ethylbenzene	1.995	1.881	1.854	1.751	1.955	1.783	1.895	1.884	1.899	2.079	------	1.898	5.05	13.4208
66	1,1,1,2-Tetrachloroethane	0.263	0.273	0.282	0.267	0.300	0.269	0.287	0.285	0.288	0.317	0.312	0.286	6.22	13.4018
2 67	m-Xylene & p-Xylene	1.396	1.312	1.379	1.273	1.435	1.301	1.384	1.376	1.380	1.500	------	1.374	4.82	13.5598
68	o-Xylene	1.465	1.341	1.309	1.210	1.370	1.239	1.308	1.297	1.321	1.450	1.440	1.341	6.23	14.3730
69	Styrene	0.936	0.912	0.962	0.904	1.027	0.929	0.985	0.993	1.005	1.111	1.109	0.988	7.26	14.4395
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.4627
71	Isopropylbenzene	6.674	5.903	5.954	5.380	5.876	5.281	5.981	5.887	5.891	6.490	------	5.932	7.11	15.0526
72	Bromoform	0.235	0.302	0.301	0.285	0.320	0.286	0.328	0.329	0.326	0.367	0.359	0.313	11.84	15.0728
73	1,1,2,2-Tetrachloroethane	0.587	0.528	0.533	0.476	0.511	0.448	0.509	0.493	0.503	0.556	0.548	0.517	7.50	15.3841
74	4-Bromofluorobenzene	------	------	1.309	0.933	1.227	1.093	1.168	1.176	1.170	1.314	1.305	1.188	10.34	15.5278
75	1,2,3-Trichloropropane	0.113	0.123	0.137	0.113	0.118	0.109	0.119	0.119	0.119	0.133	0.131	0.121	7.34	15.6688
76	trans-1,4-Dichloro-2-butene	------	------	0.098	0.094	0.100	0.096	0.110	0.108	0.111	0.123	0.123	0.107	10.29	15.1473
77	n-Propylbenzene	8.370	7.152	7.217	6.560	7.226	6.628	7.393	7.282	7.331	8.007	------	7.317	7.47	15.8209
78	Bromobenzene	1.031	0.948	1.058	0.925	1.033	0.928	1.024	1.026	1.033	1.148	1.148	1.027	7.33	15.8950
79	1,3,5-Trimethylbenzene	4.897	4.415	4.437	4.083	4.465	4.104	4.480	4.406	4.378	4.809	4.691	4.470	5.69	16.1318
80	2-Chlorotoluene	4.942	4.320	4.266	3.837	4.206	3.819	4.299	4.037	3.992	4.436	4.552	4.246	7.75	16.1504
81	4-Chlorotoluene	3.701	3.192	3.305	2.970	3.287	3.015	3.259	3.467	3.489	3.854	3.680	3.383	8.37	16.2515
82	tert-Butylbenzene	1.387	1.146	1.141	1.018	1.105	1.001	1.083	1.063	1.059	1.168	1.152	1.120	9.31	16.8196
83	1,2,4-Trimethylbenzene	4.633	4.139	4.205	3.743	4.277	3.798	4.111	4.126	4.073	4.516	4.513	4.194	6.72	16.8928
84	sec-Butylbenzene	7.220	6.509	6.625	6.021	6.673	6.052	6.581	6.537	6.495	7.198	------	6.591	6.00	17.2331
85	p-Isopropyltoluene	5.315	4.724	4.860	4.413	4.977	4.516	4.876	4.896	4.846	5.327	5.228	4.907	6.07	17.5114
86	1,3-Dichlorobenzene	2.083	1.997	2.097	1.856	2.125	1.923	2.076	2.093	2.073	2.312	2.323	2.087	6.72	17.6817
87	1,4-Dichlorobenzene	2.024	1.943	1.877	1.722	1.960	1.797	1.888	1.920	1.904	2.117	2.138	1.936	6.42	17.8840
88	n-Butylbenzene	5.169	4.509	4.385	4.099	4.662	4.309	4.590	4.651	4.533	5.067	4.795	4.615	6.78	18.2578
89	1,2-Dichlorobenzene	1.597	1.534	1.524	1.384	1.555	1.392	1.482	1.500	1.498	1.662	1.667	1.527	6.07	18.5066
90	1,2-Dibromo-3-chloropropane	------	0.058	0.057	0.057	0.066	0.057	0.063	0.064	0.064	0.073	0.075	0.063	10.47	19.6347
91	1,2,4-Trichlorobenzene	0.840	0.807	0.778	0.716	0.882	0.763	0.761	0.799	0.782	0.894	0.964	0.817	8.80	20.7310
92	Hexachlorobutadiene	0.762	0.664	0.682	0.646	0.755	0.644	0.617	0.618	0.587	0.671	0.747	0.672	8.85	20.9667
93	Naphthalene	------	1.149	0.987	0.821	0.968	0.854	0.860	0.918	0.927	1.063	1.127	0.967	11.82	21.0645
94	1,2,3-Trichlorobenzene	0.620	0.538	0.538	0.519	0.609	0.528	0.525	0.551	0.539	0.614	0.670	0.568	8.93	21.3857

Spike Amount = Nominal Amount * .8
Ave_%RSD : 7.8 Max_%RSD : 13.8

SW
9/13/15

2003

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :TO67
Beginning DateTime :09/09/10 20:13
Spike Units :PPB
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/10/10 01:50
MSChem Method :VO67109

	H IDX	Parameters	.5 20:13 RIC206	.5 20:47 RIC207	1 21:21 RIC208	2 21:54 RIC209	5 22:28 RIC210	10 23:01 RIC211	20 23:35 RIC212	50 00:09 RIC213	40 00:43 RIC214	50 01:16 RIC215	100 01:50 RIC216	AvDRec	% RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1439
	2	Dichlorodifluoromethane	------	98	93	95	110	84	100	102	95	113	112	7.2	9.27	1.9180
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	------	94	94	95	107	90	101	101	97	112	110	6.3	7.65	2.1535
	5	Vinyl chloride	------	104	108	109	121	95	99	92	82	89	------	9.4	11.81	2.2843
	6	Bromomethane	------	96	91	94	107	90	102	102	96	111	109	6.4	7.66	2.7843
	7	Chloroethane	------	92	94	93	109	89	103	102	97	113	111	7.3	8.52	2.8838
	8	Dichlorofluoromethane	100	96	99	94	103	92	98	98	100	109	109	4	5.58	2.9220
	9	Trichlorofluoromethane	------	79	82	91	111	89	106	106	101	118	116	11.6	13.83	3.1736
	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	------	114	114	100	86	86	86	86	100	100	100	8.6	11.70	3.6624
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	104	95	99	93	103	93	98	99	100	109	110	4.4	5.77	3.7056
5	13	Acetone	------	------	------	111	111	89	94	94	94	106	100	6.9	8.06	3.7406
5	14	tert-Butyl alcohol	------	------	83	83	100	83	83	83	83	100	100	11.1	6.53	4.0005
	15	1,1-Dichloroethene	97	98	102	93	103	92	98	99	100	109	110	4.3	5.76	3.9012
10	16	Acetonitrile	92	94	96	90	102	92	100	100	100	112	112	5.5	7.26	4.3615
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	98	97	98	92	104	92	99	99	100	110	111	4.6	6.20	4.2897
	19	Methylene chloride	121	110	105	92	101	87	92	93	94	104	103	7.8	9.90	4.5079
	20	Carbon disulfide	104	84	91	93	108	92	103	100	104	111	112	7.1	8.89	4.5265
5	21	Acrylonitrile	82	100	100	93	104	93	103	104	104	118	114	6.8	9.87	4.6715
	22	tert-Butyl methyl ether (MTBE)	95	97	99	95	103	92	99	100	100	112	110	4.5	6.25	4.7048
	23	trans-1,2-Dichloroethene	96	96	97	92	103	92	100	100	101	111	112	5	6.66	4.8910
	24	Isopropyl ether (DIPE)	90	96	100	93	103	92	99	100	101	113	113	5.6	7.67	5.3088
	25	Vinyl acetate	------	86	90	93	106	90	105	102	99	115	112	8.2	9.84	5.4610
	26	1,1-Dichloroethane	99	96	97	92	104	91	99	99	101	111	111	4.7	6.43	5.4605
5	27	2-Butanone	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	28	tert-Butyl ethyl ether (ETBE)	81	90	97	92	106	95	101	102	104	116	115	7.9	10.28	5.8636
5	29	2-Butanone	103	94	106	94	94	88	97	97	100	112	112	6.1	7.88	6.0378
	30	2,2-Dichloropropane	111	119	107	97	103	89	95	93	91	99	94	7.2	9.09	6.2361
	31	cis-1,2-Dichloroethene	96	96	99	91	103	93	100	100	100	111	111	4.5	6.28	6.3013
	32	Chloroform	99	96	100	93	102	92	99	99	99	111	110	4.2	5.97	6.5208
	33	Bromochloromethane	93	96	97	91	105	92	101	100	101	112	112	5.7	7.50	6.7549
	34	Dibromofluoromethane	------	------	103	77	104	97	98	98	100	112	111	6.6	10.19	6.8348
	35	1,1,1-Trichloroethane	101	94	98	92	103	94	99	100	100	111	109	4.3	6.03	7.0929
	36	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	37	tert-Amyl methyl ether (TAME)	72	92	96	95	108	97	103	104	107	115	115	9.1	12.27	7.4934
	38	1,2-Dichloroethane-d4	------	------	107	83	105	94	95	98	98	110	109	7.2	8.83	7.5616
	39	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.2527
	40	1,1-Dichloropropene	102	103	100	92	100	92	98	97	97	108	109	4.2	5.50	7.3257
	41	Carbon tetrachloride	102	97	101	91	100	92	100	98	100	109	111	4.3	6.11	7.4681
	42	1,2-Dichloroethane	97	94	100	94	104	94	100	98	100	110	109	4.3	5.73	7.7009
	43	Benzene	107	102	102	91	101	91	98	96	98	109	105	4.7	5.90	7.7208
	44	Trichloroethene	100	96	100	92	101	92	100	98	99	110	111	4.1	6.23	8.6521
	45	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	46	1,2-Dichloropropane	103	97	99	91	102	91	99	97	99	111	111	4.9	6.51	8.9302
20	47	1,4-Dioxane	------	------	100	100	100	100	100	100	100	100	100	0	8.12	9.3292
	48	Bromodichloromethane	95	99	100	92	103	92	99	98	100	111	111	4.5	6.39	9.3014
	49	Dibromomethane	87	95	102	95	98	95	101	99	102	113	112	5.6	7.74	9.3879
	50	2-Chloroethyl vinyl ether	------	------	102	83	100	93	98	98	100	112	107	5.6	8.56	9.7991
5	51	4-Methyl-2-pentanone	86	86	98	92	99	94	100	102	105	118	117	7.8	10.58	9.8402
	52	cis-1,3-Dichloropropene	96	93	99	93	103	93	100	99	100	112	112	5	6.95	10.1875
	53	Toluene-d8	------	------	104	78	105	96	99	98	100	111	110	6.7	9.91	10.5894
	54	Toluene	107	99	100	92	102	92	99	98	100	110	------	3.9	5.54	10.7266
	55	Ethyl methacrylate	105	90	97	89	102	93	99	99	101	113	114	6.2	8.30	11.0216
	56	trans-1,3-Dichloropropene	95	92	99	93	102	92	100	100	101	112	112	5.2	7.04	11.0363
	57	2-Hexanone	83	88	95	92	100	97	102	105	107	120	122	9.1	12.06	11.3183
	58	1,1,2-Trichloroethane	86	98	102	93	104	94	101	99	102	112	111	5.6	7.42	11.3077
	59	1,3-Dichloropropane	93	98	104	94	102	91	98	98	100	111	110	5	6.55	11.7454
	60	Tetrachloroethene	106	97	100	92	100	93	99	98	99	109	108	4	5.54	11.8505
	61	Dibromochloromethane	92	94	98	93	102	94	100	100	102	114	113	5.5	7.42	12.2070
	62	1,2-Dibromoethane	96	101	103	92	102	92	98	98	100	109	109	4.5	5.99	12.5663
	63	1-Chlorohexane	113	104	99	91	98	92	97	96	97	106	107	5.4	6.88	12.8616

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64	Chlorobenzene	99	97	98	94	103	93	99	99	100	110	110	4.1	5.64	13.3259
65	Ethylbenzene	105	99	98	92	103	94	100	99	100	110	------	3.6	5.05	13.4208
66	1,1,1,2-Tetrachloroethane	92	95	99	93	105	94	100	100	101	111	109	4.8	6.22	13.4018
2 67	m-Xylene & p-Xylene	102	95	100	93	104	95	101	100	100	109	------	3.4	4.82	13.5598
68	o-Xylene	109	100	98	90	102	92	98	97	99	108	107	4.9	6.23	14.3730
69	Styrene	95	92	97	91	104	94	100	101	102	112	112	5.6	7.26	14.4395
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.4627
71	Isopropylbenzene	113	100	100	91	99	89	101	99	99	109	------	4.6	7.11	15.0526
72	Bromoform	75	96	96	91	102	91	135	105	104	117	115	8.9	11.84	15.0728
73	1,1,2,2-Tetrachloroethane	114	102	103	92	99	87	98	95	97	108	106	5.8	7.50	15.3841
74	4-Bromofluorobenzene	------	------	110	79	103	92	98	99	98	111	110	7.5	10.34	15.5278
75	1,2,3-Trichloropropane	93	102	113	93	98	90	98	98	98	110	108	5.8	7.34	15.6688
76	trans-1,4-Dichloro-2-butene	------	------	92	88	93	90	103	101	104	115	115	8.3	10.29	15.1473
77	n-Propylbenzene	114	98	99	90	99	91	101	100	100	109	------	5	7.47	15.8209
78	Bromobenzene	100	92	103	90	101	90	100	100	101	112	112	5.1	7.33	15.8950
79	1,3,5-Trimethylbenzene	110	99	99	91	100	92	100	99	98	108	105	4.1	5.69	16.1318
80	2-Chlorotoluene	116	102	100	90	99	90	101	95	94	104	107	5.7	7.75	16.1504
81	4-Chlorotoluene	109	94	98	88	97	89	96	102	103	114	109	6.8	8.37	16.2515
82	tert-Butylbenzene	124	102	102	91	99	89	97	95	95	104	103	6.4	9.31	16.8196
83	1,2,4-Trimethylbenzene	110	99	100	89	102	91	98	98	97	108	108	5.1	6.72	16.8928
84	sec-Butylbenzene	110	99	101	91	101	92	100	99	99	109	------	4.1	6.00	17.2331
85	p-Isopropyltoluene	108	96	99	90	101	92	99	100	99	109	107	4.5	6.07	17.5114
86	1,3-Dichlorobenzene	100	96	100	89	102	92	99	100	99	111	111	4.5	6.72	17.6817
87	1,4-Dichlorobenzene	105	100	97	89	101	93	98	99	98	109	110	4.7	6.42	17.8840
88	n-Butylbenzene	112	98	95	89	101	93	99	101	98	110	104	5	6.78	18.2578
89	1,2-Dichlorobenzene	105	100	100	91	102	91	97	98	98	109	109	4.5	6.07	18.5066
90	1,2-Dibromo-3-chloropropane	------	92	90	90	105	90	100	102	102	116	119	7.9	10.47	19.6347
91	1,2,4-Trichlorobenzene	103	99	95	88	108	93	93	98	96	109	118	7	8.80	20.7310
92	Hexachlorobutadiene	113	99	101	96	112	96	92	92	87	100	111	7	8.85	20.9067
93	Naphthalene	------	119	102	85	100	88	89	95	96	110	117	9.5	11.82	21.0645
94	1,2,3-Trichlorobenzene	109	95	95	91	107	93	92	97	95	108	118	7.7	8.93	21.3857

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SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :1067
IC_Beginning DateTime :09/09/10 20:13
Spike Amount :10 PPB
CC/CV File :RIC220
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
IC_Ending DateTime :09/10/10 01:50
MPChem Method :V067ID9
Date_Time :09/10/10 10:08

M	IDX	Parameters	CC_Con	CC% D	CC_Resp	CCRRF	AvRRF	CC_Rtm	AvRtm	% RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	2020846	1	1	8.143	8.144	0				
	2	Dichlorodifluoromethane	9.383	-6.2	455542	0.225	0.240	1.908	1.918	9.27				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.837	-1.6	774073	0.383	0.389	2.142	2.154	7.65				
	5	Vinyl chloride	10.613	6.1	647457	0.320	0.302	2.289	2.284	11.81				
	6	Bromomethane	9.826	-1.7	492131	0.244	0.248	2.786	2.784	7.66				
	7	Chloroethane	9.832	-1.7	425882	0.211	0.214	2.874	2.884	8.52				
	8	Dichlorofluoromethane	9.726	-2.7	1041036	0.515	0.530	2.918	2.922	5.58				
	9	Trichlorofluoromethane	10.093	0.9	582868	0.288	0.286	3.167	3.174	13.83				
	10	sec-Propyl alcohol												
5	11	Acrolein	45.478	-9.0	64036	0.006	0.007	3.664	3.662	11.70				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	11.197	12.0	435357	0.215	0.192	3.708	3.706	5.77				
5	13	Acetone	48.063	-3.9	176565	0.017	0.018	3.737	3.741	8.06				
5	14	tert-Butyl alcohol	47.704	-4.6	53664	0.005	0.006	4.301	4.001	6.53				
	15	1,1-Dichloroethene	10.243	2.4	948535	0.469	0.458	3.898	3.901	5.76				
10	16	Acetonitrile	114.895	14.1	1165003	0.058	0.051	4.352	4.361	7.26				
	17	Methyl acetate												
	18	Iodomethane	10.454	4.5	1114500	0.552	0.528	4.279	4.290	6.20				
	19	Methylene chloride	9.719	-2.8	680480	0.337	0.346	4.498	4.508	9.90				
	20	Carbon disulfide	9.955	-0.5	2443411	1.209	1.215	4.513	4.527	8.89				
6	21	Acrylonitrile	58.443	-5.9	322642	0.027	0.028	4.674	4.672	9.87				
	22	tert-Butyl methyl ether (MTBE)	9.512	-4.9	554143	0.274	0.288	4.703	4.705	6.25				
	23	trans-1,2-Dichloroethene	9.648	-3.5	924924	0.458	0.474	4.894	4.891	6.66				
	24	Isopropyl ether (DIPE)	9.468	-5.3	1583165	0.783	0.827	5.303	5.309	7.67				
	25	Vinyl acetate	9.927	-0.7	456990	0.226	0.228	5.464	5.461	9.84				
	26	1,1-Dichloroethane	10.057	0.6	1094245	0.541	0.538	5.464	5.460	6.43				
5	27	2-Butanol												
	28	tert-Butyl ethyl ether (ETBE)	9.698	-3.0	971506	0.481	0.496	5.860	5.864	10.28				
5	29	2-Butanone	45.302	-9.4	313343	0.031	0.034	6.035	6.038	7.88				
	30	2,2-Dichloropropane	10.810	8.1	661806	0.327	0.303	6.225	6.236	9.09				
	31	cis-1,2-Dichloroethene	9.551	-4.5	676543	0.335	0.351	6.299	6.301	6.28				
	32	Chloroform	9.910	-0.9	902345	0.447	0.451	6.518	6.521	5.97				
	33	Bromochloromethane	9.768	-2.3	355200	0.176	0.180	6.752	6.755	7.50				
	34	Dibromofluoromethane	9.558	-4.4	502949	0.249	0.260	6.826	6.835	10.19				
	35	1,1,1-Trichloroethane	9.900	-1.0	782912	0.387	0.391	7.089	7.093	6.03				
	36	Cyclohexane												
	37	tert-Amyl methyl ether (TAME)	9.892	-1.1	148122	0.073	0.074	7.484	7.493	12.27				
	38	1,2-Dichloroethane-d4	9.491	-5.1	252297	0.125	0.132	7.557	7.562	8.83				
	39	CHLOROBENZENE-D5	10.000	0	1580550	1	1	13.250	13.253	0				
	40	1,1-Dichloropropene	9.739	-2.6	365745	0.231	0.238	7.323	7.326	5.50				
	41	Carbon tetrachloride	9.863	-1.4	705772	0.447	0.453	7.469	7.468	6.11				
	42	1,2-Dichloroethane	9.737	-2.6	323633	0.205	0.210	7.689	7.701	5.73				
	43	Benzene	9.513	-4.9	2438879	1.543	1.622	7.718	7.721	5.90				
	44	Trichloroethene	9.704	-3.0	734625	0.465	0.479	8.640	8.652	6.23				
	45	Methylcyclohexane												
	46	1,2-Dichloropropane	9.517	-4.8	529685	0.335	0.352	8.918	8.930	6.51				
20	47	1,4-Dioxane	90.868	-4.6	29207	0.001	0.001	9.328	9.329	8.12				
	48	Bromodichloromethane	9.295	-7.1	519880	0.329	0.354	9.299	9.301	6.39				
	49	Dibromomethane	9.824	-1.8	201393	0.127	0.130	9.387	9.388	7.74				
	50	2-Chloroethyl vinyl ether	9.590	-4.1	63066	0.040	0.042	9.796	9.799	8.56				
5	51	4-Methyl-2-pentanone	47.216	-5.6	758306	0.096	0.102	9.840	9.840	10.58				
	52	cis-1,3-Dichloropropene	9.759	-2.4	672830	0.426	0.436	10.177	10.188	6.95				
	53	Toluene-d8	9.670	-3.3	2140426	1.354	1.401	10.587	10.589	9.91				
	54	Toluene	9.656	-3.4	2641830	1.671	1.731	10.718	10.727	5.54				
	55	Ethyl methacrylate	9.238	-7.6	257138	0.163	0.176	11.01	11.022	8.30				
	56	trans-1,3-Dichloropropene	10.156	1.6	437415	0.277	0.273	11.026	11.036	7.04				
	57	2-Hexanone	47.079	-5.8	449609	0.057	0.060	11.318	11.318	12.06				
	58	1,1,2-Trichloroethane	9.495	-5.1	242265	0.153	0.161	11.304	11.308	7.42				
	59	1,3-Dichloropropane	9.359	-6.4	430694	0.272	0.291	11.743	11.745	6.55				

60	Tetrachloroethene	9.806	-1.9	612504	0.388	0.395	11.845	11.851	5.54					
61	Dibromochloromethane	9.590	-4.1	310595	0.197	0.205	12.196	12.207	7.42					
62	1,2-Dibromoethane	9.399	-6.0	237991	0.151	0.160	12.562	12.566	5.99					
63	1-Chlorohexane	9.769	-2.3	1172396	0.742	0.759	12.855	12.862	6.88					
64	Chlorobenzene	9.760	-2.4	1522553	0.963	0.987	13.323	13.326	5.64					
65	Ethylbenzene	9.804	-2.0	2940722	1.861	1.898	13.411	13.421	5.05					
66	1,1,1,2-Tetrachloroethane	9.687	-3.1	437349	0.277	0.286	13.396	13.402	6.22					
2 67	m-Xylene & p-Xylene	19.824	-0.9	4303975	1.362	1.374	13.557	13.560	4.82					
68	o-Xylene	9.411	-5.9	1994841	1.262	1.341	14.362	14.373	6.23					
69	Styrene	9.758	-2.4	1524431	0.964	0.988	14.436	14.439	7.26					
70	1,2-DICHLOROBENZENE-D4	10.000	0	493376	1	1	18.460	18.463	0					
7'	Isopropylbenzene	9.873	-1.3	2889842	5.857	5.932	15.050	15.053	7.11					
72	Bromoform	9.850	-1.5	151904	0.308	0.313	15.065	15.073	11.84					
73	1,1,2,2-Tetrachloroethane	8.982	-10.2	229323	0.465	0.517	15.387	15.384	7.50					
74	4-Bromofluorobenzene	9.573	-4.3	561283	1.138	1.188	15.518	15.528	10.34					
75	1,2,3-Trichloropropane	9.524	-4.8	57029	0.116	0.121	15.665	15.669	7.34					
76	trans-1,4-Dichloro-2-butene	10.077	0.8	53183	0.108	0.107	15.138	15.147	10.29					
77	n-Propylbenzene	9.639	-3.6	3479643	7.053	7.317	15.811	15.821	7.47					
78	Bromobenzene	9.660	-3.4	489682	0.993	1.027	15.884	15.895	7.33					
79	1,3,5-Trimethylbenzene	9.526	-4.7	2100705	4.258	4.470	16.118	16.132	5.69					
80	2-Chlorotoluene	9.227	-7.7	1932963	3.918	4.246	16.148	16.150	7.75					
81	4-Chlorotoluene	9.992	-0.1	1667967	3.381	3.383	16.236	16.251	8.37					
82	tert-Butylbenzene	9.434	-5.7	521389	1.057	1.120	16.806	16.820	9.31					
83	1,2,4-Trimethylbenzene	9.342	-6.6	1933074	3.918	4.194	16.879	16.893	6.72					
84	sec-Butylbenzene	9.736	-2.6	3166042	6.417	6.591	17.231	17.233	6.00					
85	p-Isopropyltoluene	9.917	-0.8	2401075	4.867	4.907	17.494	17.511	6.07					
86	1,3-Dichlorobenzene	9.546	-4.5	982973	1.992	2.087	17.670	17.682	6.72					
87	1,4-Dichlorobenzene	9.746	-2.5	930659	1.886	1.936	17.875	17.884	6.42					
88	n-Butylbenzene	9.903	-1.0	2254985	4.571	4.615	18.255	18.258	6.78					
89	1,2-Dichlorobenzene	9.455	-5.5	712183	1.443	1.527	18.504	18.507	6.07					
90	1,2-Dibromo-3-chloropropane	9.481	-5.2	29659	0.060	0.063	19.631	19.635	10.47					
91	1,2,4-Trichlorobenzene	9.741	-2.6	392564	0.796	0.817	20.728	20.731	8.80					
92	Hexachlorobutadiene	10.045	0.5	333156	0.675	0.672	20.904	20.907	8.85					
93	Naphthalene	8.125	-18.8	387815	0.786	0.967	21.065	21.065	11.82					
94	1,2,3-Trichlorobenzene	9.182	-8.2	257437	0.522	0.568	21.372	21.386	8.93					

Spike Amount = Nominal Amount * R

22045

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc. Contract: NWS SEAL BEACH, IR SITE 70,
Lab Code: EMXT Case No.: SAS No.: SDG No.: 101370
Lab File ID: RIC814 BFB Injection Date : 09/30/10
Instrument ID: TQ67 BFB Injection Time : 01:46
GC Column:RTX502.2ID:0.32mm (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	14.54
75	30.0 - 60.0% of mass 95	39.60
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.89
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	83.61
175	5.0 - 9.0% of mass 174	7.20(8.6)1
176	95.0 - 101.0% of mass 174	81.78(97.5)1
177	5.0 - 9.0% of mass 176	5.15(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV06710930	RIC815	09/30/10	02:18
2	MBLK1W	VQ67141B	RIC818	09/30/10	04:25
3	LCS1W	VQ67141L	RIC816	09/30/10	02:49
4	LCD1W	VQ67141C	RIC817	09/30/10	03:21
5	IW-70-SHB217-A100L	1370-01T	RIC824	09/30/10	07:02
6	MW-70-MNA16-A100L	1370-02T	RIC825	09/30/10	11:51
7	MW-70-PMW148-A100L	1370-03T	RIC826	09/30/10	12:23
8	MW-70-PMW148-A10-DDL	1370-04T	RIC827	09/30/10	12:55

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1C211
Instrument ID: IQ67
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101370
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2228665	8.14	1748202	13.25	570049	18.46
	UPPER LIMIT	4457330	8.64	3496404	13.75	1140098	18.96
	LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
	SAMPLE ID						
1	VSTD010	1808246	8.16	1465536	13.26	523222	18.47
2	MBLK1W	2108683	8.16	1692208	13.27	573877	18.48
3	ICS1W	1719687	8.16	1381163	13.26	487936	18.47
4	ICD1W	1761094	8.16	1426554	13.27	512750	18.48
5	IW-70-SB6217-A100L	1895202	8.16	1496107	13.27	496480	18.48
6	MW-70-MNA16-A100L	1988191	8.16	1676054	13.27	526046	18.48
7	MW-70-PMW14B-A100L	1971783	8.16	1547689	13.27	514401	18.49
8	MW-70-PMW14B-A10-DDL	1905482	8.16	1490247	13.27	496013	18.49

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIC815.D
Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	81	0.01
2	T	Dichlorodifluoromethane	10.000	8.576	14.2	83	-0.01
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	9.259	7.4	84	-0.01
5	C,T	Vinyl chloride	10.000	10.078	-0.8	86	0.00
6	T	Bromomethane	10.000	8.805	12.0	79	0.00
7	T	Chloroethane	10.000	9.954	0.5	91	0.00
8	T	Dichlorofluoromethane	10.000	10.214	-2.1	90	0.01
9	T	Trichlorofluoromethane	10.000	9.092	9.1	83	0.00
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	23.511	53.0#	46	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.661	3.4	85	0.00
13	T	Acetone	50.000	57.066	-14.1	102	0.02
14	T	tert-Butyl alcohol	50.000	57.825	-15.7	98	0.00
15	C,T,M	1,1-Dichloroethene	10.000	9.722	2.8	85	0.01
16	T	Acetonitrile	100.000	102.380	-2.4	89	0.00
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.02
18	T	Iodomethane	10.000	8.456	15.4	74	0.01
19	T	Methylene chloride	10.000	9.890	1.1	92	0.01
20	T	Carbon disulfide	10.000	7.842	21.6#	69	0.03
21	T	Acrylonitrile	50.000	58.209	-16.4	102	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.904	-9.0	96	0.01
23	T	trans-1,2-Dichloroethene	10.000	9.590	4.1	84	0.01
24	T	Isopropyl ether (DIPE)	10.000	11.385	-13.8	101	0.01
25	T	Vinyl acetate	10.000	10.989	-9.9	99	0.01
26	P,T	1,1-Dichloroethane	10.000	10.659	-6.6	95	0.01
27	T	2-Butanol	-1.000	0.000	0.0	0	0.10
28	T	tert-Butyl ethyl ether (ETB	10.000	11.304	-13.0	97	0.01
29	T	2-Butanone	50.000	57.688	-15.4	104	0.01
30	T	2,2-Dichloropropane	10.000	7.082	29.2#	65	0.00
31	T	cis-1,2-Dichloroethene	10.000	10.070	-0.7	88	0.01
32	C,T	Chloroform	10.000	10.486	-4.9	92	0.01
33	T	Bromochloromethane	10.000	11.047	-10.5	97	0.01
34	S	Dibromofluoromethane	10.000	11.055	-10.5	93	0.00
35	T	1,1,1-Trichloroethane	10.000	9.047	9.5	78	0.01
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.16
37	T	tert-Amyl methyl ether (TAM	10.000	11.444	-14.4	95	0.01
38	S	1,2-Dichloroethane-d4	10.000	10.740	-7.4	92	0.02
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	84	0.01
40	T	1,1-Dichloropropene	10.000	8.823	11.8	80	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIC815.D
Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	10.000	8.915	10.9	82	0.01
42	T	1,2-Dichloroethane	10.000	10.054	-0.5	90	0.01
43	T,M	Benzene	10.000	9.682	3.2	89	0.01
44	T,M	Trichloroethene	10.000	9.230	7.7	84	0.01
45	T	Methylcyclohexane	-1.000	0.000	0.0	81	0.01
46	C,T	1,2-Dichloropropane	10.000	10.603	-6.0	98	0.01
47	T	1,4-Dioxane	200.000	238.536	-19.3	108	0.01
48	T	Bromodichloromethane	10.000	10.360	-3.6	95	0.01
49	T	Dibromomethane	10.000	10.167	-1.7	89	0.01
50	T	2-Chloroethyl vinyl ether	10.000	13.429	-34.3#	121	0.02
51	T	4-Methyl-2-pentanone	50.000	59.545	-19.1	106	0.01
52	T	cis-1,3-Dichloropropene	10.000	10.283	-2.8	93	0.01
53	S	Toluene-d8	10.000	9.605	3.9	84	0.02
54	C,T,M	Toluene	10.000	9.518	4.8	87	0.02
55	T	Ethyl methacrylate	10.000	11.228	-12.3	102	0.01
56	T	trans-1,3-Dichloropropene	10.000	10.460	-4.6	95	0.01
57	T	2-Hexanone	50.000	60.755	-21.5#	106	0.01
58	T	1,1,2-Trichloroethane	10.000	10.773	-7.7	96	0.01
59	T	1,3-Dichloropropane	10.000	10.875	-8.8	100	0.01
60	T	Tetrachloroethene	10.000	9.021	9.8	81	0.03
61	T	Dibromochloromethane	10.000	10.243	-2.4	91	0.01
62	T	1,2-Dibromoethane	10.000	9.828	1.7	90	0.01
63	T	1-Chlorohexane	10.000	9.595	4.0	88	0.01
64	P,M	Chlorobenzene	10.000	9.772	2.3	88	0.01
65	C,T	Ethylbenzene	10.000	9.894	1.1	88	0.02
66	T	1,1,1,2-Tetrachloroethane	10.000	10.287	-2.9	91	0.01
67	T	m-Xylene & p-Xylene	20.000	19.970	0.2	88	0.01
68	T	o-Xylene	10.000	9.929	0.7	90	0.01
69	T	Styrene	10.000	10.306	-3.1	92	0.01
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	92	0.01
71	T	Isopropylbenzene	10.000	8.614	13.9	89	0.02
72	P,T	Bromoform	10.000	9.594	4.1	96	0.01
73	P,T	1,1,2,2-Tetrachloroethane	10.000	9.525	4.7	101	0.01
74	S	4-Bromofluorobenzene	10.000	9.711	2.9	97	0.02
75	T	1,2,3-Trichloropropane	10.000	9.497	5.0	97	0.01
76	T	trans-1,4-Dichloro-2-butene	10.000	8.310	16.9	85	0.02
77	T	n-Propylbenzene	10.000	8.927	10.7	90	0.02
78	T	Bromobenzene	10.000	8.735	12.7	89	0.01
79	T	1,3,5-Trimethylbenzene	10.000	8.712	12.9	87	0.01
80	T	2-Chlorotoluene	10.000	8.875	11.3	91	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

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Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	8.928	10.7	92	0.01
82	T	tert-Butylbenzene	10.000	8.567	14.3	88	0.01
83	T	1,2,4-Trimethylbenzene	10.000	8.785	12.1	89	0.01
84	T	sec-Butylbenzene	10.000	9.030	9.7	90	0.02
85	T	p-Isopropyltoluene	10.000	8.867	11.3	88	0.01
86	T	1,3-Dichlorobenzene	10.000	8.971	10.3	89	0.01
87	T	1,4-Dichlorobenzene	10.000	8.987	10.1	89	0.01
88	T	n-Butylbenzene	10.000	9.351	6.5	92	0.01
89	T	1,2-Dichlorobenzene	10.000	9.333	6.7	94	0.01
90	T	1,2-Dibromo-3-chloropropane	10.000	9.840	1.6	101	0.01
91	T	1,2,4-Trichlorobenzene	10.000	10.266	-2.7	101	0.01
92	T	Hexachlorobutadiene	10.000	10.241	-2.4	98	0.01
93	T	Naphthalene	10.000	9.100	9.0	95	0.02
94	T	1,2,3-Trichlorobenzene	10.000	10.421	-4.2	103	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIC815.D
Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	81	0.01
2	T	Dichlorodifluoromethane	0.240	0.206	14.2	83	-0.01
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.361	7.2	84	-0.01
5	C,T	Vinyl chloride	0.302	0.304	-0.7	86	0.00
6	T	Bromomethane	0.248	0.218	12.1	79	0.00
7	T	Chloroethane	0.214	0.213	0.5	91	0.00
8	T	Dichlorofluoromethane	0.530	0.541	-2.1	90	0.01
9	T	Trichlorofluoromethane	0.286	0.260	9.1	83	0.00
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.003	57.1#	46#	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.186	3.1	85	0.00
13	T	Acetone	0.018	0.021	-16.7	102	0.02
14	T	tert-Butyl alcohol	0.006	0.006	0.0	98	0.00
15	C,T,M	1,1-Dichloroethene	0.458	0.446	2.6	85	0.01
16	T	Acetonitrile	0.051	0.052	-2.0	89	0.00
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.02
18	T	Iodomethane	0.528	0.446	15.5	74	0.01
19	T	Methylene chloride	0.346	0.343	0.9	92	0.01
20	T	Carbon disulfide	1.215	0.952	21.6#	69	0.03
21	T	Acrylonitrile	0.028	0.033	-17.9	102	0.00
22	T	tert-Butyl methyl ether (MT	0.288	0.314	-9.0	96	0.01
23	T	trans-1,2-Dichloroethene	0.474	0.455	4.0	84	0.01
24	T	Isopropyl ether (DIPE)	0.827	0.942	-13.9	101	0.01
25	T	Vinyl acetate	0.228	0.250	-9.6	99	0.01
26	P,T	1,1-Dichloroethane	0.538	0.574	-6.7	95	0.01
27	T	2-Butanol	0.000	0.000	0.0	0#	0.10
28	T	tert-Butyl ethyl ether (ETB	0.496	0.560	-12.9	97	0.01
29	T	2-Butanone	0.034	0.039	-14.7	104	0.01
30	T	2,2-Dichloropropane	0.303	0.215	29.0#	65	0.00
31	T	cis-1,2-Dichloroethene	0.351	0.353	-0.6	88	0.01
32	C,T	Chloroform	0.451	0.472	-4.7	92	0.01
33	T	Bromochloromethane	0.180	0.199	-10.6	97	0.01
34	S	Dibromofluoromethane	0.260	0.288	-10.8	93	0.00
35	T	1,1,1-Trichloroethane	0.391	0.354	9.5	78	0.01
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.16
37	T	tert-Amyl methyl ether (TAM	0.074	0.085	-14.9	95	0.01
38	S	1,2-Dichloroethane-d4	0.132	0.141	-6.8	92	0.02
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	84	0.01
40	T	1,1-Dichloropropene	0.238	0.210	11.8	80	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIC815.D
Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.404	10.8	82	0.01
42	T	1,2-Dichloroethane	0.210	0.211	-0.5	90	0.01
43	T,M	Benzene	1.622	1.571	3.1	89	0.01
44	T,M	Trichloroethene	0.479	0.442	7.7	84	0.01
45	T	Methylcyclohexane	0.000	0.000	0.0	81	0.01
46	C,T	1,2-Dichloropropane	0.352	0.373	-6.0	98	0.01
47	T	1,4-Dioxane	0.001	0.001	0.0	108	0.01
48	T	Bromodichloromethane	0.354	0.367	-3.7	95	0.01
49	T	Dibromomethane	0.130	0.132	-1.5	89	0.01
50	T	2-Chloroethyl vinyl ether	0.042	0.056	-33.3#	121	0.02
51	T	4-Methyl-2-pentanone	0.102	0.121	-18.6	106	0.01
52	T	cis-1,3-Dichloropropene	0.436	0.449	-3.0	93	0.01
53	S	Toluene-d8	1.401	1.345	4.0	84	0.02
54	C,T,M	Toluene	1.731	1.648	4.8	87	0.02
55	T	Ethyl methacrylate	0.176	0.198	-12.5	102	0.01
56	T	trans-1,3-Dichloropropene	0.273	0.285	-4.4	95	0.01
57	T	2-Hexanone	0.060	0.073	-21.7#	106	0.01
58	T	1,1,2-Trichloroethane	0.161	0.174	-8.1	96	0.01
59	T	1,3-Dichloropropane	0.291	0.317	-8.9	100	0.01
60	T	Tetrachloroethene	0.395	0.357	9.6	81	0.03
61	T	Dibromochloromethane	0.205	0.210	-2.4	91	0.01
62	T	1,2-Dibromoethane	0.160	0.157	1.9	90	0.01
63	T	1-Chlorohexane	0.759	0.729	4.0	88	0.01
64	P,M	Chlorobenzene	0.987	0.964	2.3	88	0.01
65	C,T	Ethylbenzene	1.898	1.878	1.1	88	0.02
66	T	1,1,1,2-Tetrachloroethane	0.286	0.294	-2.8	91	0.01
67	T	m-Xylene & p-Xylene	1.374	1.372	0.1	88	0.01
68	T	o-Xylene	1.341	1.331	0.7	90	0.01
69	T	Styrene	0.988	1.019	-3.1	92	0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	92	0.01
71	T	Isopropylbenzene	5.932	5.110	13.9	89	0.02
72	P,T	Bromoform	0.313	0.300	4.2	96	0.01
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.493	4.6	101	0.01
74	S	4-Bromofluorobenzene	1.188	1.154	2.9	97	0.02
75	T	1,2,3-Trichloropropane	0.121	0.115	5.0	97	0.01
76	T	trans-1,4-Dichloro-2-butene	0.107	0.089	16.8	85	0.02
77	T	n-Propylbenzene	7.317	6.531	10.7	90	0.02
78	T	Bromobenzene	1.027	0.897	12.7	89	0.01
79	T	1,3,5-Trimethylbenzene	4.470	3.894	12.9	87	0.01
80	T	2-Chlorotoluene	4.246	3.768	11.3	91	0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10I29\RIC815.D
Acq On : 30 Sep 2010 2:18 am
Sample : CVO67I0930
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.021	10.7	92	0.01
82	T	tert-Butylbenzene	1.120	0.960	14.3	88	0.01
83	T	1,2,4-Trimethylbenzene	4.194	3.684	12.2	89	0.01
84	T	sec-Butylbenzene	6.591	5.952	9.7	90	0.02
85	T	p-Isopropyltoluene	4.907	4.351	11.3	88	0.01
86	T	1,3-Dichlorobenzene	2.087	1.873	10.3	89	0.01
87	T	1,4-Dichlorobenzene	1.936	1.740	10.1	89	0.01
88	T	n-Butylbenzene	4.615	4.316	6.5	92	0.01
89	T	1,2-Dichlorobenzene	1.527	1.425	6.7	94	0.01
90	T	1,2-Dibromo-3-chloropropane	0.063	0.062	1.6	101	0.01
91	T	1,2,4-Trichlorobenzene	0.817	0.839	-2.7	101	0.01
92	T	Hexachlorobutadiene	0.672	0.688	-2.4	98	0.01
93	T	Naphthalene	0.967	0.880	9.0	95	0.02
94	T	1,2,3-Trichlorobenzene	0.568	0.592	-4.2	103	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJC069
Instrument ID: T067
GC Column: RTX502.2 ID: 0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101370
BFB Injection Date : 10/03/10
BFB Injection Time : 07:05
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.96
75	30.0 - 60.0% of mass 95	39.28
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.85
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.60
175	5.0 - 9.0% of mass 174	7.04(8.8)1
176	95.0 - 101.0% of mass 174	78.22(98.3)1
177	5.0 - 9.0% of mass 176	5.45(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV06710935	RJC070	10/03/10	07:36
2	MBLK2W	V067J04B	RJC074	10/03/10	10:02
3	LCS2W	V067J04L	RJC071	10/03/10	08:13
4	LCD2W	V067J04C	RJC072	10/03/10	08:45
5	TB-09/23/10	1370-05	RJC077	10/03/10	11:37
6	MW-70-21-A10	1370-06	RJC079	10/03/10	12:41
7	MW-70-POC04-A10	1370-07	RJC080	10/03/10	13:13
8	MW-70-MNA13-A10	1370-08	RJC081	10/03/10	13:44
9	MW-70-15-A10	1370-09	RJC082	10/03/10	14:16
10	MW-70-38-A10	1370-10	RJC083	10/03/10	14:48
11	MW-70-36-A10-0	1370-11	RJC084	10/03/10	15:20
12	MW-70-MNA17-A10	1370-12	RJC085	10/03/10	15:52

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXI
Lab File ID: R1C211
Instrument ID: TO67
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 10I370
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	2228665	8.14	1748202	13.25	570049	18.46
UPPER LIMIT	4457330	8.64	3496404	13.75	1140098	18.96
LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
SAMPLE ID						
1 VSTD010	1627048	8.13	1293542	13.24	438375	18.45
2 MBLK2W	1626685	8.13	1491098	13.24	517337	18.46
3 LCS2W	1597693	8.13	1277443	13.43	429044	18.46
4 LCD2W	1632913	8.13	1319691	13.42	450084	18.46
5 TB-09/23/10	1699114	8.13	1304720	13.44	399570	18.46
6 MW-70-21-A10	1700376	8.13	1363058	13.24	437544	18.46
7 MW-70-POCDA-A10	1741926	8.13	1407980	13.24	464222	18.46
8 MW-70-MNA13-A10	1684378	8.13	1341195	13.25	424867	18.46
9 MW-70-15-A10	1707519	8.13	1352474	13.25	440309	18.46
10 MW-70-36-A10	1738667	8.13	1379116	13.24	442971	18.47
11 MW-70-36-A10-D	1638308	8.13	1281345	13.24	408483	18.47
12 MW-70-MNA17-A10	1753869	8.14	1397782	13.25	450874	18.46

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D
Acq On : 3 Oct 2010 7:36 am
Sample : CVO67I0935
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	73	0.00
2	T	Dichlorodifluoromethane	10.000	9.622	3.8	84	-0.02
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	10.286	-2.9	84	-0.02
5	C,T	Vinyl chloride	10.000	11.492	-14.9	89	0.00
6	T	Bromomethane	10.000	10.133	-1.3	82	0.00
7	T	Chloroethane	10.000	11.560	-15.6	95	-0.02
8	T	Dichlorofluoromethane	10.000	10.914	-9.1	87	0.00
9	T	Trichlorofluoromethane	10.000	11.135	-11.3	91	-0.02
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	23.995	52.0#	42	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.830	1.7	78	0.00
13	T	Acetone	50.000	55.358	-10.7	89	0.00
14	T	tert-Butyl alcohol	50.000	59.286	-18.6	91	0.00
15	C,T,M	1,1-Dichloroethene	10.000	9.859	1.4	78	0.00
16	T	Acetonitrile	100.000	100.596	-0.6	79	-0.02
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	8.694	13.1	69	0.00
19	T	Methylene chloride	10.000	10.171	-1.7	86	0.00
20	T	Carbon disulfide	10.000	9.580	4.2	76	0.00
21	T	Acrylonitrile	50.000	53.806	-7.6	85	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.940	-9.4	87	0.00
23	T	trans-1,2-Dichloroethene	10.000	9.769	2.3	77	0.00
24	T	Isopropyl ether (DIPE)	10.000	11.652	-16.5	93	0.00
25	T	Vinyl acetate	10.000	13.842	-38.4#	112	0.00
26	P,T	1,1-Dichloroethane	10.000	10.826	-8.3	87	0.00
27	T	2-Butanol	-1.000	0.000	0.0	0	0.00
28	T	tert-Butyl ethyl ether (ETB	10.000	11.353	-13.5	87	0.00
29	T	2-Butanone	50.000	54.403	-8.8	89	0.00
30	T	2,2-Dichloropropane	10.000	8.996	10.0	74	-0.02
31	T	cis-1,2-Dichloroethene	10.000	10.522	-5.2	83	0.00
32	C,T	Chloroform	10.000	10.859	-8.6	86	0.00
33	T	Bromochloromethane	10.000	11.285	-12.9	89	0.00
34	S	Dibromofluoromethane	10.000	10.572	-5.7	80	-0.02
35	T	1,1,1-Trichloroethane	10.000	9.515	4.8	74	0.00
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.14
37	T	tert-Amyl methyl ether (TAM	10.000	11.424	-14.2	85	0.00
38	S	1,2-Dichloroethane-d4	10.000	10.570	-5.7	82	0.00
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	74	0.00
40	T	1,1-Dichloropropene	10.000	9.275	7.2	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D
Acq On : 3 Oct 2010 7:36 am
Sample : CVO67I0935
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	10.000	9.498	5.0	77	0.00
42	T	1,2-Dichloroethane	10.000	10.417	-4.2	82	0.00
43	T,M	Benzene	10.000	10.205	-2.1	83	0.00
44	T,M	Trichloroethene	10.000	9.603	4.0	77	0.00
45	T	Methylcyclohexane	-1.000	0.000	0.0	61	0.00
46	C,T	1,2-Dichloropropane	10.000	11.173	-11.7	91	0.00
47	T	1,4-Dioxane	200.000	221.096	-10.5	88	0.00
48	T	Bromodichloromethane	10.000	10.934	-9.3	88	0.00
49	T	Dibromomethane	10.000	10.831	-8.3	84	0.00
50	T	2-Chloroethyl vinyl ether	10.000	13.864	-38.6#	110	0.00
51	T	4-Methyl-2-pentanone	50.000	56.576	-13.2	89	0.00
52	T	cis-1,3-Dichloropropene	10.000	11.170	-11.7	89	0.00
53	S	Toluene-d8	10.000	10.183	-1.8	79	0.00
54	C,T,M	Toluene	10.000	10.222	-2.2	82	-0.02
55	T	Ethyl methacrylate	10.000	11.618	-16.2	93	-0.02
56	T	trans-1,3-Dichloropropene	10.000	11.214	-12.1	90	0.00
57	T	2-Hexanone	50.000	57.469	-14.9	88	0.00
58	T	1,1,2-Trichloroethane	10.000	11.131	-11.3	88	0.00
59	T	1,3-Dichloropropane	10.000	11.102	-11.0	90	0.00
60	T	Tetrachloroethene	10.000	9.500	5.0	76	0.00
61	T	Dibromochloromethane	10.000	10.766	-7.7	85	0.00
62	T	1,2-Dibromoethane	10.000	10.352	-3.5	84	0.00
63	T	1-Chlorohexane	10.000	10.234	-2.3	83	0.00
64	P,M	Chlorobenzene	10.000	10.406	-4.1	83	0.00
65	C,T	Ethylbenzene	10.000	10.668	-6.7	84	-0.02
66	T	1,1,1,2-Tetrachloroethane	10.000	10.905	-9.0	86	-0.02
67	T	m-Xylene & p-Xylene	20.000	21.481	-7.4	84	0.00
68	T	o-Xylene	10.000	10.668	-6.7	85	-0.02
69	T	Styrene	10.000	10.950	-9.5	86	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	77	0.00
71	T	Isopropylbenzene	10.000	9.756	2.4	84	0.00
72	P,T	Bromoform	10.000	10.716	-7.2	90	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.753	-7.5	95	0.00
74	S	4-Bromofluorobenzene	10.000	10.071	-0.7	84	-0.02
75	T	1,2,3-Trichloropropane	10.000	10.268	-2.7	88	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	10.333	-3.3	88	0.00
77	T	n-Propylbenzene	10.000	10.112	-1.1	86	-0.02
78	T	Bromobenzene	10.000	9.814	1.9	84	-0.02
79	T	1,3,5-Trimethylbenzene	10.000	9.937	0.6	83	-0.02
80	T	2-Chlorotoluene	10.000	9.711	2.9	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D Vial: 2
Acq On : 3 Oct 2010 7:36 am Operator: DN
Sample : CVO67I0935 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.599	-6.0	91	-0.02
82	T	tert-Butylbenzene	10.000	9.654	3.5	83	-0.02
83	T	1,2,4-Trimethylbenzene	10.000	10.062	-0.6	85	-0.02
84	T	sec-Butylbenzene	10.000	10.305	-3.0	86	0.00
85	T	p-Isopropyltoluene	10.000	10.370	-3.7	87	0.00
86	T	1,3-Dichlorobenzene	10.000	10.223	-2.2	85	-0.02
87	T	1,4-Dichlorobenzene	10.000	10.320	-3.2	85	-0.02
88	T	n-Butylbenzene	10.000	11.118	-11.2	92	0.00
89	T	1,2-Dichlorobenzene	10.000	10.675	-6.8	90	0.00
90	T	1,2-Dibromo-3-chloropropane	10.000	10.657	-6.6	91	0.00
91	T	1,2,4-Trichlorobenzene	10.000	11.501	-15.0	95	0.00
92	T	Hexachlorobutadiene	10.000	12.113	-21.1#	97	0.00
93	T	Naphthalene	10.000	9.906	0.9	86	0.00
94	T	1,2,3-Trichlorobenzene	10.000	11.554	-15.5	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D
Acq On : 3 Oct 2010 7:36 am
Sample : CVO67I0935
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	73	0.00
2	T	Dichlorodifluoromethane	0.240	0.231	3.7	84	-0.02
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.401	-3.1	84	-0.02
5	C,T	Vinyl chloride	0.302	0.347	-14.9	89	0.00
6	T	Bromomethane	0.248	0.251	-1.2	82	0.00
7	T	Chloroethane	0.214	0.248	-15.9	95	-0.02
8	T	Dichlorofluoromethane	0.530	0.578	-9.1	87	0.00
9	T	Trichlorofluoromethane	0.286	0.318	-11.2	91	-0.02
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.003	57.1#	42#	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.189	1.6	78	0.00
13	T	Acetone	0.018	0.020	-11.1	89	0.00
14	T	tert-Butyl alcohol	0.006	0.007	-16.7	91	0.00
15	C,T,M	1,1-Dichloroethene	0.458	0.452	1.3	78	0.00
16	T	Acetonitrile	0.051	0.051	0.0	79	-0.02
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.528	0.459	13.1	69	0.00
19	T	Methylene chloride	0.346	0.352	-1.7	86	0.00
20	T	Carbon disulfide	1.215	1.164	4.2	76	0.00
21	T	Acrylonitrile	0.028	0.030	-7.1	85	0.00
22	T	tert-Butyl methyl ether (MT	0.288	0.315	-9.4	87	0.00
23	T	trans-1,2-Dichloroethene	0.474	0.463	2.3	77	0.00
24	T	Isopropyl ether (DIPE)	0.827	0.964	-16.6	93	0.00
25	T	Vinyl acetate	0.228	0.315	-38.2#	112	0.00
26	P,T	1,1-Dichloroethane	0.538	0.583	-8.4	87	0.00
27	T	2-Butanol	0.000	0.000	0.0	0#	0.00
28	T	tert-Butyl ethyl ether (ETB	0.496	0.563	-13.5	87	0.00
29	T	2-Butanone	0.034	0.037	-8.8	89	0.00
30	T	2,2-Dichloropropane	0.303	0.273	9.9	74	-0.02
31	T	cis-1,2-Dichloroethene	0.351	0.369	-5.1	83	0.00
32	C,T	Chloroform	0.451	0.489	-8.4	86	0.00
33	T	Bromochloromethane	0.180	0.203	-12.8	89	0.00
34	S	Dibromofluoromethane	0.260	0.275	-5.8	80	-0.02
35	T	1,1,1-Trichloroethane	0.391	0.372	4.9	74	0.00
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.14
37	T	tert-Amyl methyl ether (TAM	0.074	0.085	-14.9	85	0.00
38	S	1,2-Dichloroethane-d4	0.132	0.139	-5.3	82	0.00
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	74	0.00
40	T	1,1-Dichloropropene	0.238	0.220	7.6	75	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D
Acq On : 3 Oct 2010 7:36 am
Sample : CV067I0935
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.430	5.1	77	0.00
42	T	1,2-Dichloroethane	0.210	0.219	-4.3	82	0.00
43	T,M	Benzene	1.622	1.655	-2.0	83	0.00
44	T,M	Trichloroethene	0.479	0.460	4.0	77	0.00
45	T	Methylcyclohexane	0.000	0.000	0.0	61	0.00
46	C,T	1,2-Dichloropropane	0.352	0.393	-11.6	91	0.00
47	T	1,4-Dioxane	0.001	0.001	0.0	88	0.00
48	T	Bromodichloromethane	0.354	0.387	-9.3	88	0.00
49	T	Dibromomethane	0.130	0.140	-7.7	84	0.00
50	T	2-Chloroethyl vinyl ether	0.042	0.058	-38.1#	110	0.00
51	T	4-Methyl-2-pentanone	0.102	0.115	-12.7	89	0.00
52	T	cis-1,3-Dichloropropene	0.436	0.487	-11.7	89	0.00
53	S	Toluene-d8	1.401	1.426	-1.8	79	0.00
54	C,T,M	Toluene	1.731	1.769	-2.2	82	-0.02
55	T	Ethyl methacrylate	0.176	0.205	-16.5	93	-0.02
56	T	trans-1,3-Dichloropropene	0.273	0.306	-12.1	90	0.00
57	T	2-Hexanone	0.060	0.069	-15.0	88	0.00
58	T	1,1,2-Trichloroethane	0.161	0.180	-11.8	88	0.00
59	T	1,3-Dichloropropane	0.291	0.323	-11.0	90	0.00
60	T	Tetrachloroethene	0.395	0.375	5.1	76	0.00
61	T	Dibromochloromethane	0.205	0.221	-7.8	85	0.00
62	T	1,2-Dibromoethane	0.160	0.166	-3.8	84	0.00
63	T	1-Chlorohexane	0.759	0.777	-2.4	83	0.00
64	P,M	Chlorobenzene	0.987	1.027	-4.1	83	0.00
65	C,T	Ethylbenzene	1.898	2.024	-6.6	84	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.286	0.311	-8.7	86	-0.02
67	T	m-Xylene & p-Xylene	1.374	1.475	-7.4	84	0.00
68	T	o-Xylene	1.341	1.431	-6.7	85	-0.02
69	T	Styrene	0.988	1.082	-9.5	86	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	77	0.00
71	T	Isopropylbenzene	5.932	5.787	2.4	84	0.00
72	P,T	Bromoform	0.313	0.335	-7.0	90	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.556	-7.5	95	0.00
74	S	4-Bromofluorobenzene	1.188	1.197	-0.8	84	-0.02
75	T	1,2,3-Trichloropropane	0.121	0.125	-3.3	88	0.00
76	T	trans-1,4-Dichloro-2-butene	0.107	0.111	-3.7	88	0.00
77	T	n-Propylbenzene	7.317	7.398	-1.1	86	-0.02
78	T	Bromobenzene	1.027	1.008	1.9	84	-0.02
79	T	1,3,5-Trimethylbenzene	4.470	4.442	0.6	83	-0.02
80	T	2-Chlorotoluene	4.246	4.123	2.9	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J03\RJC070.D
Acq On : 3 Oct 2010 7:36 am
Sample : CVO67I0935
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.586	-6.0	91	-0.02
82	T	tert-Butylbenzene	1.120	1.081	3.5	83	-0.02
83	T	1,2,4-Trimethylbenzene	4.194	4.220	-0.6	85	-0.02
84	T	sec-Butylbenzene	6.591	6.792	-3.0	86	0.00
85	T	p-Isopropyltoluene	4.907	5.089	-3.7	87	0.00
86	T	1,3-Dichlorobenzene	2.087	2.134	-2.3	85	-0.02
87	T	1,4-Dichlorobenzene	1.936	1.998	-3.2	85	-0.02
88	T	n-Butylbenzene	4.615	5.131	-11.2	92	0.00
89	T	1,2-Dichlorobenzene	1.527	1.630	-6.7	90	0.00
90	T	1,2-Dibromo-3-chloropropane	0.063	0.068	-7.9	91	0.00
91	T	1,2,4-Trichlorobenzene	0.817	0.939	-14.9	95	0.00
92	T	Hexachlorobutadiene	0.672	0.814	-21.1#	97	0.00
93	T	Naphthalene	0.967	0.958	0.9	86	0.00
94	T	1,2,3-Trichlorobenzene	0.568	0.657	-15.7	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJC095
Instrument ID: T067
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101370
BFB Injection Date : 10/04/10
BFB Injection Time : 08:57
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.20
75	30.0 - 60.0% of mass 95	39.71
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.47
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.51
175	5.0 - 9.0% of mass 174	7.28(8.8)1
176	95.0 - 101.0% of mass 174	79.31(96.1)1
177	5.0 - 9.0% of mass 176	5.34(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV067I0936	RJC096	10/04/10	09:47
2	MBLK3W	V067J05B	RJC100	10/04/10	11:57
3	LCS3W	V067J05L	RJC097	10/04/10	10:21
4	LCD3W	V067J05C	RJC098	10/04/10	10:53
5	IW-70-SHB217-A10	I370-01	RJC113	10/04/10	18:49
6	MW-70-PMW148-A10	I370-03	RJC114	10/04/10	19:21
7	MW-70-PMW148-A10-D	I370-04	RJC115	10/04/10	19:52
8	MW-70-MWA16-A10	I370-02	RJC116	10/04/10	20:24

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RIC211
Instrument ID: I067
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101370
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2228465	8.14	1748202	13.25	570049	18.46
	UPPER LIMIT	4457930	8.64	3496404	13.75	1140098	18.96
	LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
	SAMPLE ID						
1	VSTD010	1651755	8.13	1327147	13.24	431506	18.45
2	MBLK3W	1812010	8.13	1419385	13.25	422373	18.46
3	LCS3W	1636014	8.13	1305893	13.24	419023	18.46
4	LCD3W	1694992	8.13	1348060	13.24	440384	18.46
5	IW-70-SHB217-A10	1710800	8.13	1338578	13.24	416854	18.47
6	MW-70-PMW14B A10	1792418	8.14	1371085	13.25	425277	18.46
7	MW-70-PMW14B-A10-D	1740728	8.14	1355257	13.25	405962	18.46
8	MW-70-MNA16-A10	1744470	8.14	1353636	13.25	408965	18.46

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D
Acq On : 4 Oct 2010 9:47 am
Sample : CV067I0936
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	10.000	8.218	17.8	73	-0.02
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	9.009	9.9	74	-0.02
5	C,T	Vinyl chloride	10.000	10.073	-0.7	79	0.00
6	T	Bromomethane	10.000	8.911	10.9	73	-0.02
7	T	Chloroethane	10.000	10.117	-1.2	84	-0.02
8	T	Dichlorofluoromethane	10.000	11.003	-10.0	89	0.00
9	T	Trichlorofluoromethane	10.000	9.558	4.4	79	-0.02
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	53.155	-6.3	94	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.079	-0.8	81	-0.02
13	T	Acetone	50.000	54.186	-8.4	89	0.00
14	T	tert-Butyl alcohol	50.000	60.349	-20.7#	94	-0.02
15	C,T,M	1,1-Dichloroethene	10.000	9.969	0.3	80	0.00
16	T	Acetonitrile	100.000	102.765	-2.8	82	-0.02
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	8.761	12.4	70	0.00
19	T	Methylene chloride	10.000	9.720	2.8	83	0.00
20	T	Carbon disulfide	10.000	8.033	19.7	65	0.00
21	T	Acrylonitrile	50.000	56.323	-12.6	90	0.00
22	T	tert-Butyl methyl ether (MT	10.000	10.909	-9.1	88	0.00
23	T	trans-1,2-Dichloroethene	10.000	9.927	0.7	80	0.00
24	T	Isopropyl ether (DIPE)	10.000	11.582	-15.8	93	0.00
25	T	Vinyl acetate	10.000	12.786	-27.9#	105	-0.02
26	P,T	1,1-Dichloroethane	10.000	10.979	-9.8	89	-0.02
27	T	2-Butanol	-1.000	0.000	0.0	0	0.09
28	T	tert-Butyl ethyl ether (ETB	10.000	11.136	-11.4	87	0.00
29	T	2-Butanone	50.000	53.203	-6.4	88	0.00
30	T	2,2-Dichloropropane	10.000	9.070	9.3	75	-0.02
31	T	cis-1,2-Dichloroethene	10.000	10.430	-4.3	83	0.00
32	C,T	Chloroform	10.000	10.905	-9.0	88	0.00
33	T	Bromochloromethane	10.000	11.297	-13.0	91	0.00
34	S	Dibromofluoromethane	10.000	10.558	-5.6	81	-0.02
35	T	1,1,1-Trichloroethane	10.000	9.623	3.8	76	0.00
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.14
37	T	tert-Amyl methyl ether (TAM	10.000	11.042	-10.4	84	0.00
38	S	1,2-Dichloroethane-d4	10.000	10.912	-9.1	86	0.00
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	76	0.00
40	T	1,1-Dichloropropene	10.000	9.147	8.5	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D Vial: 2
Acq On : 4 Oct 2010 9:47 am Operator: DN
Sample : CV067I0936 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	10.000	9.406	5.9	78	0.00
42	T	1,2-Dichloroethane	10.000	10.160	-1.6	82	-0.02
43	T,M	Benzene	10.000	10.047	-0.5	84	0.00
44	T,M	Trichloroethene	10.000	9.547	4.5	78	0.00
45	T	Methylcyclohexane	-1.000	0.000	0.0	77	-0.02
46	C,T	1,2-Dichloropropane	10.000	10.903	-9.0	91	0.00
47	T	1,4-Dioxane	200.000	231.173	-15.6	95	0.00
48	T	Bromodichloromethane	10.000	10.741	-7.4	89	0.00
49	T	Dibromomethane	10.000	10.391	-3.9	83	0.00
50	T	2-Chloroethyl vinyl ether	10.000	12.122	-21.2#	99	0.00
51	T	4-Methyl-2-pentanone	50.000	54.947	-9.9	89	0.00
52	T	cis-1,3-Dichloropropene	10.000	10.993	-9.9	90	0.00
53	S	Toluene-d8	10.000	10.724	-7.2	85	0.00
54	C,T,M	Toluene	10.000	10.086	-0.9	83	-0.02
55	T	Ethyl methacrylate	10.000	11.303	-13.0	93	0.00
56	T	trans-1,3-Dichloropropene	10.000	11.076	-10.8	91	0.00
57	T	2-Hexanone	50.000	55.181	-10.4	87	0.00
58	T	1,1,2-Trichloroethane	10.000	10.893	-8.9	88	0.00
59	T	1,3-Dichloropropane	10.000	11.113	-11.1	93	0.00
60	T	Tetrachloroethene	10.000	9.647	3.5	79	0.00
61	T	Dibromochloromethane	10.000	10.696	-7.0	86	0.00
62	T	1,2-Dibromoethane	10.000	10.117	-1.2	84	0.00
63	T	1-Chlorohexane	10.000	10.188	-1.9	84	0.00
64	P,M	Chlorobenzene	10.000	10.302	-3.0	84	0.00
65	C,T	Ethylbenzene	10.000	10.451	-4.5	84	0.00
66	T	1,1,1,2-Tetrachloroethane	10.000	10.762	-7.6	87	-0.02
67	T	m-Xylene & p-Xylene	20.000	21.136	-5.7	85	0.00
68	T	o-Xylene	10.000	10.491	-4.9	86	0.00
69	T	Styrene	10.000	10.848	-8.5	88	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	76	0.00
71	T	Isopropylbenzene	10.000	10.090	-0.9	86	0.00
72	P,T	Bromoform	10.000	11.120	-11.2	92	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.640	-6.4	93	0.00
74	S	4-Bromofluorobenzene	10.000	10.249	-2.5	84	0.00
75	T	1,2,3-Trichloropropane	10.000	10.149	-1.5	85	0.00
76	T	trans-1,4-Dichloro-2-butene	10.000	10.298	-3.0	86	0.00
77	T	n-Propylbenzene	10.000	10.432	-4.3	87	0.00
78	T	Bromobenzene	10.000	10.040	-0.4	84	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.318	-3.2	85	0.00
80	T	2-Chlorotoluene	10.000	10.448	-4.5	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D Vial: 2
Acq On : 4 Oct 2010 9:47 am Operator: DN
Sample : CV067I0936 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.163	-1.6	86	0.00
82	T	tert-Butylbenzene	10.000	10.126	-1.3	86	0.00
83	T	1,2,4-Trimethylbenzene	10.000	10.377	-3.8	87	0.00
84	T	sec-Butylbenzene	10.000	10.614	-6.1	88	0.00
85	T	p-Isopropyltoluene	10.000	10.560	-5.6	87	0.00
86	T	1,3-Dichlorobenzene	10.000	10.353	-3.5	85	0.00
87	T	1,4-Dichlorobenzene	10.000	10.407	-4.1	85	0.00
88	T	n-Butylbenzene	10.000	11.154	-11.5	90	0.00
89	T	1,2-Dichlorobenzene	10.000	10.592	-5.9	88	0.00
90	T	1,2-Dibromo-3-chloropropane	10.000	11.168	-11.7	94	0.00
91	T	1,2,4-Trichlorobenzene	10.000	11.368	-13.7	92	0.00
92	T	Hexachlorobutadiene	10.000	11.917	-19.2	94	0.00
93	T	Naphthalene	10.000	9.442	5.6	81	0.00
94	T	1,2,3-Trichlorobenzene	10.000	11.319	-13.2	92	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D
Acq On : 4 Oct 2010 9:47 am
Sample : CV067I0936
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	0.240	0.197	17.9	73	-0.02
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.351	9.8	74	-0.02
5	C,T	Vinyl chloride	0.302	0.304	-0.7	79	0.00
6	T	Bromomethane	0.248	0.221	10.9	73	-0.02
7	T	Chloroethane	0.214	0.217	-1.4	84	-0.02
8	T	Dichlorofluoromethane	0.530	0.583	-10.0	89	0.00
9	T	Trichlorofluoromethane	0.286	0.273	4.5	79	-0.02
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.007	0.0	94	0.00
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.194	-1.0	81	-0.02
13	T	Acetone	0.018	0.020	-11.1	89	0.00
14	T	tert-Butyl alcohol	0.006	0.007	-16.7	94	-0.02
15	C,T,M	1,1-Dichloroethene	0.458	0.457	0.2	80	0.00
16	T	Acetonitrile	0.051	0.052	-2.0	82	-0.02
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.528	0.462	12.5	70	0.00
19	T	Methylene chloride	0.346	0.337	2.6	83	0.00
20	T	Carbon disulfide	1.215	0.976	19.7	65	0.00
21	T	Acrylonitrile	0.028	0.032	-14.3	90	0.00
22	T	tert-Butyl methyl ether (MT	0.288	0.314	-9.0	88	0.00
23	T	trans-1,2-Dichloroethene	0.474	0.471	0.6	80	0.00
24	T	Isopropyl ether (DIPE)	0.827	0.958	-15.8	93	0.00
25	T	Vinyl acetate	0.228	0.291	-27.6#	105	-0.02
26	P,T	1,1-Dichloroethane	0.538	0.591	-9.9	89	-0.02
27	T	2-Butanol	0.000	0.000	0.0	0#	0.09
28	T	tert-Butyl ethyl ether (ETB	0.496	0.552	-11.3	87	0.00
29	T	2-Butanone	0.034	0.036	-5.9	88	0.00
30	T	2,2-Dichloropropane	0.303	0.275	9.2	75	-0.02
31	T	cis-1,2-Dichloroethene	0.351	0.366	-4.3	83	0.00
32	C,T	Chloroform	0.451	0.491	-8.9	88	0.00
33	T	Bromochloromethane	0.180	0.203	-12.8	91	0.00
34	S	Dibromofluoromethane	0.260	0.275	-5.8	81	-0.02
35	T	1,1,1-Trichloroethane	0.391	0.377	3.6	76	0.00
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.14
37	T	tert-Amyl methyl ether (TAM	0.074	0.082	-10.8	84	0.00
38	S	1,2-Dichloroethane-d4	0.132	0.144	-9.1	86	0.00
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	76	0.00
40	T	1,1-Dichloropropene	0.238	0.217	8.8	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D Vial: 2
Acq On : 4 Oct 2010 9:47 am Operator: DN
Sample : CV067I0936 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.426	6.0	78	0.00
42	T	1,2-Dichloroethane	0.210	0.214	-1.9	82	-0.02
43	T,M	Benzene	1.622	1.630	-0.5	84	0.00
44	T,M	Trichloroethene	0.479	0.457	4.6	78	0.00
45	T	Methylcyclohexane	0.000	0.000	0.0	77	-0.02
46	C,T	1,2-Dichloropropane	0.352	0.384	-9.1	91	0.00
47	T	1,4-Dioxane	0.001	0.001	0.0	95	0.00
48	T	Bromodichloromethane	0.354	0.380	-7.3	89	0.00
49	T	Dibromomethane	0.130	0.135	-3.8	83	0.00
50	T	2-Chloroethyl vinyl ether	0.042	0.050	-19.0	99	0.00
51	T	4-Methyl-2-pentanone	0.102	0.112	-9.8	89	0.00
52	T	cis-1,3-Dichloropropene	0.436	0.479	-9.9	90	0.00
53	S	Toluene-d8	1.401	1.502	-7.2	85	0.00
54	C,T,M	Toluene	1.731	1.746	-0.9	83	-0.02
55	T	Ethyl methacrylate	0.176	0.199	-13.1	93	0.00
56	T	trans-1,3-Dichloropropene	0.273	0.302	-10.6	91	0.00
57	T	2-Hexanone	0.060	0.067	-11.7	87	0.00
58	T	1,1,2-Trichloroethane	0.161	0.176	-9.3	88	0.00
59	T	1,3-Dichloropropane	0.291	0.324	-11.3	93	0.00
60	T	Tetrachloroethene	0.395	0.381	3.5	79	0.00
61	T	Dibromochloromethane	0.205	0.219	-6.8	86	0.00
62	T	1,2-Dibromoethane	0.160	0.162	-1.3	84	0.00
63	T	1-Chlorohexane	0.759	0.774	-2.0	84	0.00
64	P,M	Chlorobenzene	0.987	1.017	-3.0	84	0.00
65	C,T	Ethylbenzene	1.898	1.983	-4.5	84	0.00
66	T	1,1,1,2-Tetrachloroethane	0.286	0.307	-7.3	87	-0.02
67	T	m-Xylene & p-Xylene	1.374	1.452	-5.7	85	0.00
68	T	o-Xylene	1.341	1.407	-4.9	86	0.00
69	T	Styrene	0.988	1.072	-8.5	88	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	76	0.00
71	T	Isopropylbenzene	5.932	5.986	-0.9	86	0.00
72	P,T	Bromoform	0.313	0.348	-11.2	92	-0.02
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.551	-6.6	93	0.00
74	S	4-Bromofluorobenzene	1.188	1.218	-2.5	84	0.00
75	T	1,2,3-Trichloropropane	0.121	0.123	-1.7	85	0.00
76	T	trans-1,4-Dichloro-2-butene	0.107	0.110	-2.8	86	0.00
77	T	n-Propylbenzene	7.317	7.633	-4.3	87	0.00
78	T	Bromobenzene	1.027	1.032	-0.5	84	0.00
79	T	1,3,5-Trimethylbenzene	4.470	4.612	-3.2	85	0.00
80	T	2-Chlorotoluene	4.246	4.436	-4.5	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJC096.D
Acq On : 4 Oct 2010 9:47 am
Sample : CV067I0936
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.439	-1.7	86	0.00
82	T	tert-Butylbenzene	1.120	1.134	-1.2	86	0.00
83	T	1,2,4-Trimethylbenzene	4.194	4.352	-3.8	87	0.00
84	T	sec-Butylbenzene	6.591	6.996	-6.1	88	0.00
85	T	p-Isopropyltoluene	4.907	5.182	-5.6	87	0.00
86	T	1,3-Dichlorobenzene	2.087	2.161	-3.5	85	0.00
87	T	1,4-Dichlorobenzene	1.936	2.014	-4.0	85	0.00
88	T	n-Butylbenzene	4.615	5.148	-11.5	90	0.00
89	T	1,2-Dichlorobenzene	1.527	1.617	-5.9	88	0.00
90	T	1,2-Dibromo-3-chloropropane	0.063	0.071	-12.7	94	0.00
91	T	1,2,4-Trichlorobenzene	0.817	0.929	-13.7	92	0.00
92	T	Hexachlorobutadiene	0.672	0.801	-19.2	94	0.00
93	T	Naphthalene	0.967	0.913	5.6	81	0.00
94	T	1,2,3-Trichlorobenzene	0.568	0.643	-13.2	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Book # A67 -044

Start Date: 9/30/10 ☐ 5-ml Purge ☑ 25-ml Purge

BATCH CV067I0930

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RIC814	BPB67I41 ✓						1:46 PM
02	815	CV067I0930 ✓						
03	816	V067I41C ✓						
04	817	↓ C ✓						
05	818	RINSE						
06	819	V067I41B ✓						
07	820	10I363-01T ✓	100ul	250	✓	✓		1x @ 10x/500x
08	821	-02T ✓	100ul	250	✓	✓		1x/5x
09	822	-03T ✓	100ul	250	✓	✓		5x
10	823	-04T ✓	100ul	250	✓	✓		5x
11	824	10I370-01T ✓	500ul	50	✓	✓		1x
12	825	-02T ✓		50	✓	✓		1x
13	826	-03T ✓		50	✓	✓		Fuel (bulk/[illegible]) 1x
14	827	-04T ✓		50	✓	✓		1x
15	828	-05T ✓		50	✓	✓		1:47 PM 1x filtered
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								10/3/10
30								

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	09/09/10
ICAL ID	V067I09

STANDARDS

NAME	ID	Amount (ul)	Conc (ppb)
DCC	SV1-16-39-1	1	250
DCC	-38-1	5	50/250
DCC	-37-1 -34-2	5	250 250
BFB	-26-2	2	50
IS/SURR	-33-2	1	250
CV/LCS	-35-3	1	250
ICV/LCS	-36-3	5	50/250
ICV/LCS	-35-1	5	250
SOLVENT	ID		
METHANOL			
DATA FILE	10I27		

Electronic Data Archival

Location	Date
HFCHEM_VOA/TO67	

Comments:

Analyzed By: DN

Date Disposed: 9/30/10

Disposed By: DN

22103

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Book # A67 -044

Start Date: 10/3/10 ☐ 5-ml Purge ☑ 25-ml Purge

BATCH 5K17 I1020

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RJ0069	MB-967 I04						7:05 AM
02	070	CCV67 I0435						
03	071	LCS7 I04L						
04	072	↓ C						
05	073	RINSE	25ml					
06	074	LCS7 I04 B	↓					
07	075	10 I387-14	25ml	0	✓	✓		
08	076	↓ -10R	25ml	1	✓	✓		
09	077	10I370-05	↓	↓	✓	✓		
10	078	10I387-01	10ml	250	✓	✓		
11	079	10I360-06	25ml	1	✓	✓		
12	080	-07			✓	✓		
13	081	-08			✓	✓		
14	082	-09			✓	✓		
15	083	-10			✓	✓		
16	084	-11			✓	✓		
17	085	↓ -12	↓	↓	✓	✓		
18	086	10I387-02	10ml	250	✓	✓		
19	087	10I363-02	25ml	1	✓	✓		
20	088	-03	5ml	5	✓	✓		
21	089	-04	↓	↓	✓	✓		
22	090	↓ -01	2.5ml	10	✓	✓		6:30pm
23	091	Rinse	25ml					
24	092							
25	093							
26	094							Archive strips
27								
28								
29								DT 10-4-10
30								

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/8/10
ICAL ID	LC67 I09

STANDARDS

NAME	ID	Amount (µL)	Date (mL)
BCC	SV1-IE-31.1	1	250
DCC	-78.1	5	10/1/10
DCC	-27.1	1	250
BFB	-36.2	5	50
IS/SURR.	-35.2	1	250
ICV/LCS	-35.3	1	250
ICV/LCS	-36.3	5	10/1/10
VCV/LCS	-35.1	5	250
SOLVENT	ID		
METHANOL			
DATA FILE	10503		

Electronic Data Archival

Location	Date
HPCHEM_VOA/TO67	

Comments:

Analyzed By: DT/DT

Date Disposed: 10/4/10

Disposed By: DT

20054

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-OLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Book # A67 -044

Start Date: 10-4-10 ☐ 5-ml Purge ☑ 25-ml Purge

BATCH Cal 67 IC9 36

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl >5ppm	Matrix S	Notes
01		RJ0095	PFB67 IC5						8:57am
02		096	CW67 IC9 36						
03		097	W67 IC5L						
04		098	C						
05		099	RINSE						
06		100	W67 IC5B	5ml					
07		101	LCD 1	.05/10.02 .05ml					0.2 / 5.0 / 10
08		102	LCD 2	.04/20/.04ml					0.2 / 5.0 / 10.5
09		103	10 I 321-01	25ml	1.0	✓	✓		
10		104	-01			✓	✓		
11		105	-02			✓	✓		
12		106	-03			✓	✓		
13		107	-04			✓	✓		
14		108	-07			✓	✓		
15		109	-08			✓	✓		
16		110	-09			✓	✓		
17		111	-10			✓	✓		
18		112	-11			✓	✓		
19		113	10 I 370-01			✓	✓		
20		114	-03			✓	✓		yield fixed bubble >10mm
21		115	-04			✓	✓		
22		116	-02			✓	✓		8:24pm
23		117	RINSE						
24		118							
25									
26									
27									
28									
29									12/4 12.5.10
30									

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	W67 IC9

STANDARDS

NAME	ID	Amount (µl)	Conc (ug/ml)
DCC	59-16-39.1	1	200
CCC	-38.1	5	0.5/50
DCC	-37.1	5	25/25
BFB	-36.2	2	50
IS/SURR.	-33.2	1	250
ICV/LCS	-35.3	1	250
ICV/LCS	-36.3	5	50/50
ICV/LCS	-38.1	5	50
SOLVENT	ID		
METHANOL			
DATA FILE	10 I04		

Electronic Data Archival

Location	Date
I:\PCHEM_VOA/T067	

Comments:

Analyzed By: DH

Date Disposed 12/5/10

Disposed By: DH

22665

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A67 -043

Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RIC 205	BFB67I12	2ml		NA	NA	7:20 PM 8260 / KET/AA/TBA
02	206	V067I09 1	0.03/0.15/0.15 ml				0.3 -1.5 ppb
03	207	2	0.05/0.25/0.25 ml				0.5 /2.5 ppb
04	208	3	0.1/0.5/0.5 ml				1.0 /5 ppb
05	209	4	0.2/1/1ml				2 /10 ppb
06	210	5	0.5/2.5/2.5ml				5 / 25 ppb
07	211	6	1/5/5ml				10 / 50 ppb
08	212	7	2/10/10ml				20 / 100 ppb
09	213	8	3/15/15ml				30 / 150 ppb
10	214	9	4/20/20ml				40 / 200 ppb
11	215	10	5/25/25ml				50 / 250 ppb
12	216	11	10/50/50ml				100 / 500 ppb
13	217	55/55	25ml				
14	218	V067I12B	25ml				2:57AM 9/10/10
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							CK 9/10/10
25							

BATCH V067I09

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	V067I09

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC GASES	SV1-16-39-1	250
DCC 8260	SV1-16-38-1	50/250 ppb
DCC CS2	SV1-16-27-1	250
DCC KET/AA	SV1-16-34-2	250
BFB	SV1-16-26-2	50
IS/SURR.	SV1-16-33-2	250
LCS GASES	SV1-16-35-3	250
LCS 8260	SV1-16-36-3	50/250/100
LCS KET/AA	SV1-16-35-1	250

SOLVENT	ID	
METHANOL	55 - SV1-16-30-3	250 ppm
	35 - SV1-16-31-1	250 ppm

DATA FILE	9/9/10 10I09

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T067	

Comments:

Analyzed By: DN

Date Disposed: 9/10/10

Disposed By: CK

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/10/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A67 -043

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RIC219	B+B67I13	2ml				9:31 AM
02	220	IV067I0901	1/5/5 ml				
03	221	CV067I0901	1/5/5 ml				
04	222	V067I13L	1/5/5 ml				
05	223	L C	1/5/5 ml				
06	224	RINSE	25ml				
07	225	V067I13B	25ml				
08	226	V067I13Q	25ml				
09	227	10I103-01	25ml	1.0			
10	228	-02					
11	229	-03					
12	230	-04					
13	231	-05					
14	232	-07					
15	233	-08					
16	234	-09					
17	235	-11					
18	236	-10					
19	237	-10M					
20	238	-10S					
21	239	RINSE					
22							
23							
24							
25							CA 9/10/10

BATCH CV067I0901

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	V067I09

STANDARDS		
NAME	ID	CONC. (ug/L)
DCC	SV1-16-39-1	
DCC	-38-1	
DCC	-29-1	
DCC	-34-1	
BFB	-26-2	50/250
IS/SURR	-33-2	
LCS	-35-3	
LCS	-36-3	
LCS	-35-1	

SOLVENT	ID
METHANOL	
DATA FILE	10I10

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T067	

Comments:

Analyzed By: DN / CA

Date Disposed: 9/11/10

Disposed By: CA

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 10I370

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD RSK-175
DISSOLVED GASES

A total of seven (7) water samples were received on 09/24/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGJ003WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101370
Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLKTW	DGJ003WB	1	NA	10/05/1009:41	10/05/1009:15	FJ05003A	FJ05002A	DGJ003W	Method Blank
LCS1W	DGJ003WL	1	NA	10/05/1009:51	10/05/1009:15	FJ05004A	FJ05002A	DGJ003W	Lab Control Sample (LCS)
LCD1W	DGJ003WC	1	NA	10/05/1010:04	10/05/1009:15	FJ05005A	FJ05002A	DGJ003W	LCS Duplicate
JW-70-SMB217-A10	1370-01	1	NA	10/05/1013:22	10/05/1009:15	FJ05021A	FJ05013A	DGJ003W	Field Sample
JW-70-SMB217-A10DL	1370-01T	5	NA	10/05/1015:05	10/05/1009:15	FJ05029A	FJ05024A	DGJ003W	Diluted Sample
MW-70-MWA16-A10	1370-02	1	NA	10/05/1013:41	10/05/1009:15	FJ05022A	FJ05013A	DGJ003W	Field Sample
MW-70-PMW148-A10	1370-03	1	NA	10/05/1013:55	10/05/1009:15	FJ05023A	FJ05013A	DGJ003W	Field Sample
MW-70-PMW148-A10DL	1370-03T	1000	NA	10/05/1015:27	10/05/1009:15	FJ05031A	FJ05024A	DGJ003W	Diluted Sample
MW-70-PMW148-A10-D	1370-04	1	NA	10/05/1014:18	10/05/1009:15	FJ05025A	FJ05024A	DGJ003W	Field Sample
MW-70-PMW148-A10-DDL	1370-04T	1000	NA	10/05/1015:38	10/05/1009:15	FJ05032A	FJ05024A	DGJ003W	Diluted Sample
MW-70-MWA13-A10	1370-08	1	NA	10/05/1014:30	10/05/1009:15	FJ05026A	FJ05024A	DGJ003W	Field Sample
MW-70-MWA13-A10DL	1370-08T	50	NA	10/05/1016:02	10/05/1009:15	FJ05034A	FJ05024A	DGJ003W	Diluted Sample
MW-70-15-A10	1370-09	1	NA	10/05/1014:42	10/05/1009:15	FJ05027A	FJ05024A	DGJ003W	Field Sample
MW-70-MWA17-A10	1370-12	1	NA	10/05/1014:53	10/05/1009:15	FJ05028A	FJ05024A	DGJ003W	Field Sample
MW-70-MWA17-A10DL	1370-12T	5	NA	10/05/1016:13	10/05/1009:15	FJ05035A	FJ05024A	DGJ003W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample ID: IW-70-SHB217-A10	Date Analyzed: 10/05/10 13:22
Lab Samp ID: I370-01	Dilution Factor: 1
Lab File ID: FJ05021A	Matrix : WATER
Ext Btch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	2.3	2.0	0.60
METHANE	93E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/05/10 09:15
Sample ID:	IW-70-SHB21/-A100L	Date Analyzed:	10/05/10 15:05
Lab Samp ID:	I370-01T	Dilution Factor:	5
Lab File ID:	FJ05029A	Matrix :	WATER
Ext Btch ID:	DGJ003W	% Moisture :	NA
Calib. Ref.:	FJ05024A	Instrument ID :	GCT01U

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	5.0
ETHENE	ND	10	3.0
METHANE	110	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample Id: MW-70-MWA16-A10	Date Analyzed: 10/05/10 13:41
Lab Samp Id: 1370-02	Dilution Factor: 1
Lab File Id: FJ05022A	Matrix : WATER
Ext Btch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05013A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	0.90J	2.0	0.60
METHANE	7.6	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample ID: MW-70-PMW148-A10	Date Analyzed: 10/05/10 13:55
Lab Samp ID: 1370-03	Dilution Factor: 1
Lab File ID: FJ05023A	Matrix : WATER
Ext Batch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05013A	Instrument ID : GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	2.8	2.0	0.60
ETHENE	19	2.0	0.60
METHANE	750E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/05/10 09:15
Sample ID:	MW 70 PMW14B-A10DL	Date Analyzed:	10/05/10 15:27
Lab Samp ID:	1370 031	Dilution Factor:	1000
Lab File ID:	FJ05031A	Matrix :	WATER
Ext Btch ID:	DGJ003W	% Moisture :	NA
Calib. Ref.:	FJ05024A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	22000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample ID: MW-70-PMW14B-A10-D	Date Analyzed: 10/05/10 14:18
Lab Samp ID: 1370-04	Dilution Factor: 1
Lab File ID: FJ05025A	Matrix : WATER
Ext Btch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	2.5	2.0	0.60
ETHENE	18	2.0	0.60
METHANE	720E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample ID: MW-70-PMW14B-A10-DDL	Date Analyzed: 10/05/10 15:38
Lab Samp ID: 1370-04T	Dilution Factor: 1000
Lab File ID: FJ05032A	Matrix : WATER
Ext Batch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ05024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2000	600
ETHENE	ND	2000	600
METHANE	29000	2000	600

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT FFC, INC.	Date Collected: 09/24/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 1DI370	Date Extracted: 10/05/10 09:15
Sample ID: MW-70-MNA13-A10	Date Analyzed: 10/05/10 14:50
Lab Samp ID: 1370-08	Dilution factor: 1
Lab File ID: FJ05026A	Matrix : WATER
Ext Btch ID: DGJU03W	% Moisture : NA
Calib. Ref.: FJ05024A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	220E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EHC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
Batch No.	: 10/370	Date Extracted:	10/05/10 09:15
Sample ID:	MW-70-MNA13-A100L	Date Analyzed:	10/05/10 16:02
Lab Samp ID:	I370-08I	Dilution Factor:	50
Lab File ID:	FJ05034A	Matrix :	WATER
Ext Btch ID:	DGJ003W	% Moisture :	NA
Calib. Ref.:	FJ05024A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	100	30
ETHENE	ND	100	30
METHANE	990	100	30

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/24/10
Project	: NWS SEAL BEACH, IR SITE 7D.	Date Received:	09/24/10
Batch No.	: 101370	Date Extracted:	10/05/10 09:15
Sample ID:	MW-70-15-A10	Date Analyzed:	10/05/10 14:42
Lab Samp ID:	1370-09	Dilution Factor:	1
Lab File ID:	FJ05027A	Matrix :	WATER
Ext Btch ID:	DGJ003W	% Moisture :	NA
Calib. Ref.:	FJ05024A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	10	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT GEO, INC.	Date Collected: 09/23/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/24/10
Batch No. : 10I370	Date Extracted: 10/05/10 09:15
Sample ID: MW-70-MNA17-A10	Date Analyzed: 10/05/10 14:53
Lab Samp ID: I370-12	Dilution Factor: 1
Lab File ID: FJ05028A	Matrix : WATER
Ext Btch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05024A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	98E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10
Project	: NWS SEAL BEACH, IR SITE 70,	Date Received:	09/24/10
Batch No.	: 10(370	Date Extracted:	10/05/10 09:15
Sample ID:	MW-70-MNA17-A100L	Date Analyzed:	10/05/10 16:13
Lab Samp ID:	1370-12T	Dilution Factor:	5
Lab File ID:	FJ05035A	Matrix	: WATER
Ext Btch ID:	DGJ003W	% Moisture	: NA
Calib. Ref.:	FJ05024A	Instrument ID	: GC7010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	ND	10	3.0
METHANE	130	10	3.0

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 10/05/10
Batch No. : 101370	Date Extracted: 10/05/10 09:15
Sample ID: MBLKIW	Date Analyzed: 10/05/10 09:41
Lab Samp ID: DGJ005WB	Dilution Factor: 1
Lab File ID: FJ05003A	Matrix : WATER
Ext Btch ID: DGJ003W	% Moisture : NA
Calib. Ref.: FJ05002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGJ003WB	DGJ003WL	DGJ003WC		
LAB FILE ID:	FJ05003A	FJ05004A	FJ05005A		
DATE EXTRACTED:	10/05/1009:15	10/05/1009:15	10/05/1009:15	DATE COLLECTED:	NA
DATE ANALYZED:	10/05/1009:41	10/05/1009:51	10/05/1010:04	DATE RECEIVED:	10/05/10
PREP. BATCH:	DGJ003W	DGJ003W	DGJ003W		
CALIB. REF:	FJ05002A	FJ05002A	FJ05002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	26.7	105	25.4	28.0	110	5	70-140	30
Ethene	ND	23.7	24.2	102	23.7	25.7	109	6	70-140	30
Methane	ND	13.6	13.3	97	13.6	14.3	105	8	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC101D
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	34588	25487	26923	23299	26364	25246	26984.4	14.5
Ethylene	0.59	18195	14654	16354	14507	16520	15806	16006.0	8.5
Ethane	0.64	25427	21095	23864	20941	24224	23278	23138.2	7.7
Propane	0.95	25561	20961	25981	22347	25211	24182	24040.3	8.3

DG101Z7.MET

AS
9/27/10
4020

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GC1010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: FI27005A 09/27/10 13:01
LFID & Datetime: FI27006A 09/27/10 13:13
LFID & Datetime: FI27007A 09/27/10 13:29
LFID & Datetime: FI27008A 09/27/10 13:43
LFID & Datetime: FI27009A 09/27/10 13:58
LFID & Datetime: FI27010A 09/27/10 14:12

COMPOUND	RT OF STANDARDS (MIN) 2.0X	10.0X	25.0X	40.0X	75.0X	100.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
Methane	1.108	1.108	1.108	1.100	1.100	1.100	1.104	1.075	1.133	0.029
Ethylene	2.692	2.692	2.692	2.675	2.675	2.683	2.685	2.634	2.736	0.051
Ethane	3.125	3.125	3.125	3.108	3.108	3.117	3.118	3.068	3.168	0.050
Propane	6.033	6.042	6.050	6.017	6.017	6.017	6.029	5.942	6.116	0.087

DG10I27_MET

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FI27011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.930	6.104	37.3	24040.3	864724	35.97	-4		15

DG10127.MET

9/30/10

4023

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init IFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont IFID & Datetime: FJ05002A 10/05/2010 09:30
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	412003	15.27	13		15
Ethylene	2.683	2.632	2.734	25.7	16006.0	414778	25.91	9		15
Ethane	3.117	3.067	3.167	25.4	23138.2	654430	28.28	11		15
Propane	5.992	5.905	6.079	37.3	24040.3	909000	37.85	2		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MXD.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJD5013A 10/05/2010 11:45
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.117	1.088	1.146	13.6	26984.4	406008	15.05	11		15
Ethylene	2.633	2.582	2.684	23.7	16006.0	410966	25.68	8		15
Ethane	3.092	3.042	3.142	25.4	25158.2	647918	28.00	10		15
Propane	6.008	5.921	6.095	37.3	24040.3	945977	39.35	6		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init (FID & Datetime: FI27008A 09/27/2010 15:43
Conc Cont (FID & Datetime: FJ05024A 10/05/2010 14:07
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	383418	14.21	5		15
Ethylene	2.667	2.616	2.718	23.7	16006.0	390920	24.42	3		15
Ethane	3.108	3.058	3.158	25.4	23138.2	624875	27.01	6		15
Propane	5.983	5.896	6.070	37.3	24040.3	926418	38.54	3		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: F127008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ05036A 10/05/2010 16:26
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	576139	13.94	3		15
Ethylene	2.675	2.624	2.726	23.7	16006.0	578919	23.67	-0		15
Ethane	3.117	3.067	3.167	25.4	23138.2	607809	26.27	3		15
Propane	5.992	5.905	6.079	37.3	24040.3	1004963	41.80	12		15

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

	STD added			He added	
1)	0.08	mL	+	3.92 mL	He
2)	0.4	mL	+	3.6 mL	
3)	1.0	mL	+	3.0 mL	
4)	1.6	mL	+	2.4 mL	
5)	3.0	mL	+	1.0 mL	
6)	4.0	mL	+	0.0 mL	

Book #: A10-021

Instrument No.: 10

Analytical Sequence: F127

Method File: DG101127

Analytical Batch: DG101127001

SOP #	Rev. #
☑ EMAX-RSK175	1
☑ EMAX-RSK175M (SOP 175/16)	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL SCOTTY 5554-05-01-1	500 ppm
DGAS ICAL (Matheson) 5554-05-01-5	500 ppm
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 8/27/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Mult	Description
1	1B10I359	dg10f08.met	FI27.001	1	
2	CDG10F08359	dg10F08.met	FI27.002	1	1
3	CDG10F08359	dg10F08.met	FI27.003	1	(2)DOES NOT PASS , NEED ICAL
4	CDG10F08359	dg10F08.met	FI27.004	1	3
5	DG10I27001	hods\dg10i27.met	FI27.005	1	DGAS ICAL
6	DG10I27002	hods\dg10i27.met	FI27.006	1	DGAS ICAL
7	DG10I27003	hods\dg10i27.met	FI27.007	1	DGAS ICAL
8	DG10I27004	hods\dg10i27.met	FI27.008	1	DGAS ICAL
9	DG10I27005	hods\dg10i27.met	FI27.009	1	DGAS ICAL
10	DG10I27006	hods\dg10i27.met	FI27.010	1	DGAS ICAL
11	IDG10I27001	hods\dg10i27.met	FI27.011	1	DGAS ICV 2nd SOURCE
12	DGI019B	hods\dg10i27.met	FI27.012	1	
13	DGI019L	hods\dg10i27.met	FI27.013	1	
14	DGI019C	hods\dg10i27.met	FI27.014	1	
15	DGI020L	hods\dg10i27.met	FI27.015	1	
16	DGI020C	hods\dg10i27.met	FI27.016	1	
17	10I246-01	hods\dg10i27.met	FI27.017	1	
18	10I246-02	hods\dg10i27.met	FI27.018	1	
19	10I246-01T DF=10	hods\dg10i27.met	FI27.019	10	
20	10I246-02N	hods\dg10i27.met	FI27.020	1	
21	10I246-02S	hods\dg10i27.met	FI27.021	1	
22	10I246-03	hods\dg10i27.met	FI27.022	1	
23	10I246-04	hods\dg10i27.met	FI27.023	1	
24	10I246-05	hods\dg10i27.met	FI27.024	1	
25	10I246-06	hods\dg10i27.met	FI27.025	1	
26	TEST	hods\dg10i27.met	FI27.026	1	TEST FROM EARLIER PREP STD
27	TEST	hods\dg10i27.met	FI27.027	1	TEST FROM EARLIER PREP STD
28	TEST	hods\dg10i27.met	FI27.028	1	TEST FROM EARLIER PREP STD
29	CHANGE SEPTA	hods\dg10i27.met	FI27.029	1	
30	CDG10I27002	hods\dg10i27.net	FI27.030	1	not included
31	CDG10I27002 ✓	hods\dg10i27.net	FI27.031	1	NEW DCC
32	10I246-02V	hods\dg10i27.net	FI27.032	1	CONF ONLY
33	10I246-01I DF=200	hods\dg10i27.net	FI27.033	200	
34	10I246-01J DF=500	hods\dg10i27.net	FI27.034	500	not included due to range
35	10I246-01J DF=1000	hods\dg10i27.net	FI27.035	1000 ✓	

FINAL

Start | EZ Chrom Chromatography | Method: Dg10i27.met - Ba... | Run Batch Part | Method: Dg10i27.met... | Tuesday, September 29, 2010 8:25 AM

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Run	Sample ID	Method	Filename	Multiplier	Description
36	101246-05T DF=1000	hods\dg10i27.met	FI27.036	1000	✓
37	101246-06T DF=1000	hods\dg10i27.met	FI27.037	1000	RL high
38	CDG10I27003	hods\dg10i27.met	FI27.038	1	
39	BB	hods\dg10i27.met	FI27.039	1	
40	BB	hods\dg10i27.met	FI27.040	1	
41	BB	hods\dg10i27.met	FI27.041	1	
42	BB	hods\dg10i27.met	FI27.042	1	
43	BB	hods\dg10i27.met	FI27.043	1	
44	BB	hods\dg10i27.met	FI27.044	1	
45	BB	hods\dg10i27.met	FI27.045	1	
46	BB	hods\dg10i27.met	FI27.046	1	
47	BB	hods\dg10i27.met	FI27.047	1	
48	BB	hods\dg10i27.met	FI27.048	1	
49	BB	hods\dg10i27.met	FI27.049	1	
50	BB	hods\dg10i27.met	FI27.050	1	
51	BB	hods\dg10i27.met	FI27.051	1	
52	BB	hods\dg10i27.met	FI27.052	1	
53	BB	hods\dg10i27.met	FI27.053	1	
54	BB	hods\dg10i27.met	FI27.054	1	
55	BB	hods\dg10i27.met	FI27.055	1	
56	BB	hods\dg10i27.met	FI27.056	1	
57	BB	hods\dg10i27.met	FI27.057	1	
58	BB	hods\dg10i27.met	FI27.058	1	
59	BB	hods\dg10i27.met	FI27.059	1	
60	BB	hods\dg10i27.met	FI27.060	1	
61	BB	hods\dg10i27.met	FI27.061	1	
62	BB	dg10f08.met	FI27.062	1	
63	BB	dg10f08.met	FI27.063	1	
64	BB	dg10f08.met	FI27.064	1	FINAL
65	BB	dg10f08.met	FI27.065	1	
66	BB	dg10f08.met	FI27.066	1	
67	BB	dg10f08.met	FI27.067	1	
68	BB	dg10f08.met	FI27.068	1	
69	BB	dg10f08.met	FI27.069	1	
70	BB	dg10f08.met	FI27.070	1	

Start | EZChrom Chromatography | Method: Dg10i27.met - Ba | Untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Bank #: A10-021

Instrument No.: 10

Analytical Sequence: F306

Method File: DG10I27

Analytical Batch: C0G10I27027

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
Dgas Std 5558 - 06 - 44-3	200
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 10/5/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: FJ05.seq Data: FJ05.035 - [Batch: FJ05.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID	Method	Filename	Mult	Description
1	LB10I027	dg10i27.met	FJ05.001	1	
2	CDG10I27027	dg10i27.met	FJ05.002	1	
3	DGJ003B	dg10i27.met	FJ05.003	1	
4	DGJ003L	dg10i27.met	FJ05.004	1	
5	DGJ003C	dg10i27.met	FJ05.005	1	
6	10I387-14	dg10i27.met	FJ05.006	1	
7	10I387-15	dg10i27.met	FJ05.007	1	
8	10I387-16	dg10i27.met	FJ05.008	1	
9	10I387-17	dg10i27.met	FJ05.009	1	
10	10I387-14T DF=100	dg10i27.met	FJ05.010	100	
11	10I387-15T DF=500	dg10i27.met	FJ05.011	500	
12	10I387-17T DF=500	dg10i27.met	FJ05.012	500	
13	CDG10I27028	dg10i27.met	FJ05.013	1	
14	10I347-02	dg10i27.met	FJ05.014	1	
15	10I347-03	dg10i27.met	FJ05.015	1	
16	10I347-04	dg10i27.met	FJ05.016	1	
17	10I347-05	dg10i27.met	FJ05.017	1	
18	10I347-06	dg10i27.met	FJ05.018	1	
19	10I347-05T DF=25	dg10i27.met	FJ05.019	25	
20	10I347-06T DF=25	dg10i27.met	FJ05.020	25	
21	10I370-01	dg10i27.met	FJ05.021	1	
22	10I370-02	dg10i27.met	FJ05.022	1	
23	10I370-03	dg10i27.met	FJ05.023	1	
24	CDG10I27029	dg10i27.met	FJ05.024	1	
25	10I370-04	dg10i27.met	FJ05.025	1	
26	10I370-08	dg10i27.met	FJ05.026	1	
27	10I370-09	dg10i27.met	FJ05.027	1	
28	10I370-12	dg10i27.met	FJ05.028	1	
29	10I370-01T DF=5	dg10i27.met	FJ05.029	5	
30	10I370-03T DF=500	dg10i27.met	FJ05.030	500	
31	10I370-03I DF=1000	dg10i27.met	FJ05.031	1000	
32	10I370-04T DF=1000	dg10i27.met	FJ05.032	1000	FINAL
33	10I370-08T DF=25	dg10i27.met	FJ05.033	25	
34	10I370-08I DF=50	dg10i27.met	FJ05.034	50	
35	10I370-12T DF=5	dg10i27.met	FJ05.035	5	

Tuesday, October 25, 2011

Start | EZChrom Chromat... | Method: Dg10i... | Untitled - Paint | Method:Dg10i27 | Exploring - 5 Floo... | Calculator | Exploring - 3½ Flop... | 4:18 PM

Method: Dg10i27.met Batch: Fj05.seq Data: Fj05.036 - [Batch: Ij05.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID	Method	Filename	Mult.	Description
36	COG10I27030	dg10i27.met	FJ05.036	1	
37	10I387-15I DF=25	dg10i27.met	FJ05.037	25	
38	IB	dg10i27.met	FJ05.038	1	
39	IB	dg10i27.met	FJ05.039	1	
40	IB	dg10i27.met	FJ05.040	1	
41	IB	dg10i27.met	FJ05.041	1	
42	IB	dg10i27.met	FJ05.042	1	
43	IB	dg10i27.met	FJ05.043	1	
44	IB	dg10i27.met	FJ05.044	1	
45	IB	dg10i27.met	FJ05.045	1	
46	IB	dg10i27.met	FJ05.046	1	
47	IB	dg10i27.met	FJ05.047	1	
48	IB	dg10i27.met	FJ05.048	1	
49	IB	dg10i27.met	FJ05.049	1	
50	IB	dg10i27.met	FJ05.050	1	
51	IB	dg10i27.met	FJ05.051	1	
52	IB	dg10i27.met	FJ05.052	1	
53	IB	dg10i27.met	FJ05.053	1	
54	IB	dg10i27.met	FJ05.054	1	
55	IB	dg10i27.met	FJ05.055	1	
56	IB	dg10i27.met	FJ05.056	1	
57	IB	dg10i27.met	FJ05.057	1	
58	IB	dg10i27.met	FJ05.058	1	
59	IB	dg10i27.met	FJ05.059	1	
60	IB	dg10i27.met	FJ05.060	1	
61	IB	dg10i27.met	FJ05.061	1	
62	IB	dg10i27.met	FJ05.062	1	
63	IB	dg10i27.met	FJ05.063	1	
64	IB	dg10i27.met	FJ05.064	1	
65	IB	dg10i27.met	FJ05.065	1	
66	IB	dg10i27.met	FJ05.066	1	
67	IB	dg10i27.met	FJ05.067	1	
68	IB	dg10i27.met	FJ05.068	1	
69	IB	dg10i27.met	FJ05.069	1	
70	IB	dg10i27.met	FJ05.070	1	

so ickle

FINAL

Tuesday, October 05, 2011

Start | EZChromChoice... | Method: Dg10i... | untitled - Paint | Method: Dg10i27... | Excel - Report | Calculator | Exploring - 3k Flop... | 4:31 PM

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/27/10 Time: [illegible] End Date: 9/27/10 Time: 12:[illegible]

PREPARATION BATCH #: N/A

Sample Prep ID	Lab Sample ID	Sample Amount (g/mL)	Extract Volume (mL)	pH	Notes
01	DG10327-001	59	4	N/A	
02	DG10327-002				
03	DG10327-003				DGAS ICAL
04	DG10327-004				
05	DG10327-005				
06	DG10327-006				
07	DG10327-007				DGAS ICV.
08					
09					
10					
11					
12					
13					
14					
15					
16					
17				SD 9/27/10	
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	SSSA-09-01-5	1600

Reagent	Lot#/ID
H_2O	Organic free
He	UHP
ICAL DGAS STD	SSSA-09-01-1 (Sculpt)
ICAL DGAS STD	SSSA-09-01-5 (Methesis)

SDG #	Extract Location

Comments:

1) 0.05 mL ICAL standard + 3.22 mL He
2) 0.4 mL + 3.6 mL
3) 1.0 mL + 3.0 mL
4) 1.6 mL + 2.4 mL
5) 3.0 mL + 1.0 mL
6) 4.0 mL + 0.0 mL

Prepared By: SD

Standard Added By: SD

1.0 ml

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): Book # EDG-022

Start Date: 9/27/16 Time: 12:30 End Date: 9/27/16 Time: 13:50

PREPARATION BATCH - DG1019/DG1020

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG1019 WB	30	4	NA	
02	WL				
03	WC				
04	DG1020 WB				
05	WL				
06	WC				
07	102246-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	-06				
13	-07				
14	-08				
15	-09				
16	-10				
17	-02M				
18	-02S				
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	555A-05-01-5	100

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquid / Alphagaz.

SDG #	Extract Location

Comments:

Prepared By: SO

Standard Added By: SO

EMAX LABORATORIES, INC

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 10/5/16 Time: 9:15 End Date: 10/5/16 Time: 10:15

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	1610033 B	39	4	NA	
02	↓ C	↓	↓		
03	↓ C				
04	161347 - 14			<2	
05	↓ -15			<3	
06	-16			<2	
07	↓ -17			<3	
08	161347-02			<2	
09	-03			<2	
10	-04			<2	
11	-05			<2	
12	↓ -06			<2	
13	161370 - 01			<2	
14	-02			~~<2~~ <2 10/15/16	
15	-03			<2	
16	-04			<2	
17	-05			<2	
18	-06			<2	
19	↓ -12	↓	↓	<2	
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	2552-05-01-5	100
DOC	2554-05-01-1	100

Reagent	Lot#/ID
H_2O	Organic free
He	Air Liquid / Alphagaz

SDG #	Extract Location

Comments: Thermometer RSK175-01

Prepared By: JD

Standard Added By: JD

PREPARATION DATE: 10/5/16

5208

4025

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

SDG#: 10I370

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

A total of two (2) water samples were received on 09/24/10 for Dissolved Metals by ICP analysis, Method 3010A/6010B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Initial Calibration was established as prescribed by the method and was verified using a secondary source. Interference checks were performed and results were within required limits. Continuing calibration verifications and continuing calibration blanks were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for IPJ005WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG. Analytical spike and serial dilution were analyzed for matrix interference evaluation. Results were within method acceptance criteria.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
DISSOLVED METALS BY TRACE ICP

Client : INSIGHT EEC, INC. SDG NO. : 101370
Project : NWS SEAL BEACH, IR SITE 70. Instrument ID : 7-ICB

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction Datetime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	IPJ005WB	1	NA	10/07/1015:54	10/04/1009:50	ICBJ009022	ICBJ009020	IPJ005W	Method Blank
LCS1W	IPJ005WL	1	NA	10/07/1015:56	10/04/1009:50	ICBJ009023	ICBJ009020	IPJ005W	Lab Control Sample (LCS)
LCD1W	IPJ005WC	1	NA	10/07/1015:59	10/04/1009:50	ICBJ009024	ICBJ009020	IPJ005W	LCS Duplicate
U11R210011AS	1348-02A	1	NA	10/07/1017:21	10/04/1009:50	ICBJ009052	ICBJ009041	IPJ005W	Analytical Spike Sample
U11R210011	1348-02	1	NA	10/07/1016:05	10/04/1009:50	ICBJ009026	ICBJ009020	IPJ005W	Field Sample
U11R210011DL	1348-02J	5	NA	10/07/1016:08	10/04/1009:50	ICBJ009027	ICBJ009020	IPJ005W	Diluted Sample
MW-70-PMW148-A10	1370-03	1	NA	10/07/1016:36	10/04/1009:50	ICBJ009037	ICBJ009032	IPJ005W	Field Sample
MW-70-PMW148-A10-D	1370-04	1	NA	10/07/1016:40	10/04/1009:50	ICBJ009038	ICBJ009032	IPJ005W	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10 14:48
Project	: NWS SEAL BEACH, IR SITE /0.	Date Received:	09/24/10
SDG NO.	: 101370	Date Extracted:	10/04/10 09:50
Sample ID:	MW 70 PMW14B-A10	Date Analyzed:	10/07/10 16:36
Lab Samp ID:	1370 03	Dilution Factor:	1
Lab File ID:	108J009037	Matrix :	WATER
Ext Btch ID:	1PJ005W	% Moisture :	NA
Calib. Ref.:	108J009032	Instrument ID :	EMAXT10B

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	10.5	0.200	0.0400
Manganese	1.11	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT EEC, INC.	Date Collected:	09/23/10 14:58
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/24/10
SDG NO.	: 101370	Date Extracted:	10/04/10 09:50
Sample ID:	MW-70-PMW14B-A10-D	Date Analyzed:	10/07/10 16:40
Lab Samp ID:	1370-04	Dilution Factor:	1
Lab File ID:	1D8J009038	Matrix	: WATER
Ext Btch ID:	1PJ005W	% Moisture	: NA
Calib. Ref.:	108J009032	Instrument ID	: EMAXTID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	10.5	0.200	0.0400
Manganese	1.11	0.200	0.00300

METHOD 3010A/6010B
DISSOLVED METALS BY TRACE ICP

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/04/10
SDG NO.	: 101370	Date Extracted:	10/04/10 09:50
Sample ID:	MBLK1W	Date Analyzed:	10/07/10 15:54
Lab Samp ID:	1PJ005WB	Dilution Factor:	1
Lab File ID:	108J009022	Matrix :	WATER
Ext Btch ID:	1PJ005W	% Moisture :	NA
Calib. Ref.:	108J009020	Instrument ID :	EMAXT10B

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.200	0.00500
Iron	ND	0.200	0.0400
Manganese	ND	0.200	0.00300

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101370
METHOD: METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLKIW				
CONTROL NO.:	IPJ005WB	IPJ005WL	IPJ005WC		
LAB FILE ID:	ID8J009022	ID8J009023	ID8J009024		
DATIME EXTRCTD:	10/04/1009:50	10/04/1009:50	10/04/1009:50	DATE COLLECTED:	NA
DATIME ANALYZD:	10/07/1015:54	10/07/1015:56	10/07/1015:59	DATE RECEIVED:	10/04/10
PREP. BATCH:	IPJ005W	IPJ005W	IPJ005W		
CALIB. REF:	ID8J009020	ID8J009020	ID8J009020		

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	.5	.549	110	.5	.546	109	1	80-120	20
Iron	ND	5	5.24	105	5	5.23	105	0	80-120	20
Manganese	ND	.5	.498	100	.5	.501	100	1	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID:	U11R210011	U11R210011DL		
EMAX SAMP ID:	1348-02	1348-02J		
LAB FILE ID:	ID8J009026	ID8J009027		
DATE EXTRACTED:	10/04/1009:50	10/04/1009:50	DATE COLLECTED:	09/23/10 15:40
DATE ANALYZED:	10/07/1016:05	10/07/1016:08	DATE RECEIVED:	09/24/10
PREP. BATCH:	IPJ005W	IPJ005W		
CALIB. REF:	ID8J009020	ID8J009020		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Arsenic	ND	ND	0	10
Iron	2.50	2.48	1	10
Manganese	0.00715J	ND	NA	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
SDG NO.: 101370
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	U11R210011			
CONTROL NO.:	1348-02	1348-02A		
LAB FILE ID:	I08J009026	I08J009052		
DATIME EXTRCTD:	10/04/1009:50	10/04/1009:50	DATE COLLECTED:	09/23/10 15:40
DATIME ANALYZD:	10/07/1016:05	10/07/1017:21	DATE RECEIVED:	09/24/10
PREP. BATCH:	IPJ005W	IPJ005W		
CALIB. REF:	I08J009020	I08J009041		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Arsenic	ND	.5	.606	121	75-125
Iron	2.5	5	7.94	109	75-125
Manganese	.00715J	.5	.53	105	75-125

ICP QC CHECK TABLE

QC	ICV	CCV	ICSAB	ICSA	MLCV
Limit%	90-110	90-110	80-120	80-120	80-120
Comp	mg/L	mg/L	mg/L	mg/L	mg\L
Al	100	100	400	400	200
Sb	1.5	1.5	1	0	5
As	1	1	1	0	1
Ba	2	2	0.5	0	5
Be	1.5	1.5	0.5	0	5
B	2.5	2.5	0.5	0	5
Cd	2	2	1	0	5
Ca	75	75	500	500	250
Cr	2.5	2.5	0.5	0	5
Co	1	1	0.5	0	1
Cu	2.5	2.5	0.5	0	5
Fe	25	25	200	200	200
Pb	2.5	2.5	1	0	5
Li	0.5	0.5	1	0	0.5
Mg	60	60	200	200	100
Mn	2.5	2.5	0.5	0	5
Mo	2.5	2.5	1	0	5
Ni	2.5	2.5	1	0	5
K	60	60	75	0	250
Se	1	1	1	0	1
Ag	0.5	0.5	1	0	0.5
Na	60	60	75	0	150
Sr	0.5	0.5	0.5	0	0.5
Tl	2.5	2.5	1	0	5
Sn	0.5	0.5	1	0	0.5
Ti	0.5	0.5	1	0	0.5
V	1.5	1.5	0.5	0	5
Zn	2.5	2.5	1	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ICP

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 10/7/10 14:53
End Date: 10/7/10 18:19

SOP #	Rev. #
☑ EMAX-6010	5
☐ EMAX-6010C	0
☐ EMAX-200.7	1
☐ EMAX-	

Comments:
Associated QCs OK

Book #: AD8-016
Instrument No.: D8
Analytical Batch: 1D8J009
Analytical Sequence: S-1D7J6010C (V14)
Method File: 1D7J6010C (V14)
Database: EMAX12

	STANDARDS ID		STANDARDS ID
S0	SM1B14-05-01	S30	SM1B14-02-03
S1	NA	S31	02-04
S2		ICV	SM1B1294-02
S3		CCV	SM1B14-05-02
S4		ICSA	03-02
S5		ICSAB	03-03
S6		CRI/MRL	NA
S7		LLCV	
S8		MLCV	
S9		MRL1	SM1B1285-01
S10		MRL2	84-01
S11			
S12			
S16			
S17			
S18			
S20	SM1B12-100-05		
S21	SM1B14-01-01		
S22	01-02		
S23	01-03		
S24	01-04		
S25	01-05		
S26	SM1B12-100-02		
S27	100-03		
S28	SM1B14-02-01		
S29	02-02		

Analyzed By: TH
Date: 10/7/10

7019

SEQUENCE FILE : 108J009

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
108J009001	51ooc	14:52	10/07/10	1.000
108J009002	S20	14:56	10/07/10	1.000
108J009003	S21	14:59	10/07/10	1.000
108J009004	S22	15:02	10/07/10	1.000
108J009005	S23	15:05	10/07/10	1.000
108J009006	S24	15:08	10/07/10	1.000
108J009007	S25	15:11	10/07/10	1.000
108J009008	S26	15:14	10/07/10	1.000
108J009009	S27	15:17	10/07/10	1.000
108J009010	S28	15:20	10/07/10	1.000
108J009011	S29	15:23	10/07/10	1.000
108J009012	S30	15:26	10/07/10	1.000
108J009013	S31	15:28	10/07/10	1.000
108J009014	IOV	15:31	10/07/10	1.000
108J009015	IOB	15:34	10/07/10	1.000
108J009016	MRLJ0901	15:37	10/07/10	1.000
108J009017	MRLJ0902	15:39	10/07/10	1.000
108J009018	IOSA1	15:42	10/07/10	1.000
108J009019	IOSAR1	15:45	10/07/10	1.000
108J009020	OOV1	15:49	10/07/10	1.000
108J009021	OOB1	15:51	10/07/10	1.000
108J009022	IPJ005W0	15:54	10/07/10	1.000
108J009023	IPJ005W1	15:56	10/07/10	1.000
108J009024	IPJ005W2	15:59	10/07/10	1.000
108J009025	7212	16:01	10/07/10	1.000
108J009026	I348-02	16:05	10/07/10	1.000
108J009027	I348-02J	16:08	10/07/10	5.000
108J009028	I348-02K	16:11	10/07/10	1.000
108J009029	I348-02S	16:13	10/07/10	1.000
108J009030	I348-03	16:16	10/07/10	1.000
108J009031	I348-04	16:19	10/07/10	1.000
108J009032	OOV2	16:22	10/07/10	1.000
108J009033	OOB2	16:25	10/07/10	1.000
108J009034	I348-05	16:27	10/07/10	1.000
108J009035	I348-06	16:30	10/07/10	1.000
108J009036	I348-07	16:34	10/07/10	1.000
108J009037	I370-03	16:36	10/07/10	1.000
108J009038	I370-04	16:40	10/07/10	1.000
108J009039	IOS42	16:43	10/07/10	1.000
108J009040	IOS43	16:46	10/07/10	1.000
108J009041	OOV3	16:48	10/07/10	1.000
108J009042	OOB3	16:51	10/07/10	1.000
108J009043	IPJ012W0	16:54	10/07/10	1.000
108J009044	IPJ012W1	16:57	10/07/10	1.000
108J009045	IPJ012W2	16:59	10/07/10	1.000
108J009046	I643-02A	17:02	10/07/10	1.000
108J009047	I643-02	17:05	10/07/10	1.000
108J009048	I643-02J	17:07	10/07/10	5.000
108J009049	I643-02K	17:10	10/07/10	1.000
108J009050	I643-02S	17:13	10/07/10	1.000
108J009051	I643-03	17:16	10/07/10	1.000
108J009052	I348-02A	17:21	10/07/10	1.000
108J009053	OOV4	17:24	10/07/10	1.000
108J009054	OOB4	17:27	10/07/10	1.000

108.003055	1642-03	17:31	10/07/10	1.000
108.003056	1642-04	17:32	10/07/10	1.000
108.003057	1642-05	17:35	10/07/10	1.000
108.003058	1642-06	17:35	10/07/10	1.000
108.003059	1643-07	17:41	10/07/10	1.000
108.003060	1389-01	17:44	10/07/10	1.000
108.003061	1389-02	17:47	10/07/10	1.000
108.003062	1389-04	17:50	10/07/10	1.000
108.003063	1389-05	17:53	10/07/10	1.000
108.003064	1389-08	17:56	10/07/10	1.000
108.003065	0045	17:59	10/07/10	1.000
108.003066	0055	18:02	10/07/10	1.000
108.003067	1376-02	18:04	10/07/10	1.000
108.003068	1844-01	18:07	10/07/10	1.000
108.003069	10543	18:11	10/07/10	1.000
108.003070	10585	18:14	10/07/10	1.000
108.003071	1046	18:16	10/07/10	1.000
108.003072	1036	18:19	10/07/10	1.000

7012

VERSION : 10A UNIT : %

SUMMARY of ICV and CCV - 20AUG09

DATE : 16/07/10 INST : FM

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
106	106	107	105	101	104	101	105	101	103	95	102	96	97	106	96	95	102	101	102	104	102	134	99	99	101	100	99	109
108	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL0903	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL0902	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS41	99	----	----	----	----	----	----	95	----	----	----	93	----	----	97	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB1	99	106	110	105	99	93	105	93	92	93	105	93	92	110	96	93	103	98	105	107	109	108	99	93	99	98	99	100
CCV1	106	107	116	102	104	103	105	100	100	95	102	96	97	101	96	96	102	100	101	105	102	103	99	99	102	100	99	109
CCB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ005WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ010WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ005WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ZZZZ	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	110	112*	108	102	107	102	104	101	101	95	105	99	96	106	95	99	102	101	101	107	104	116	100	99	99	99	102	108
CCB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1349-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1370-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1370-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS42	100	----	----	----	----	----	----	94	----	----	----	93	----	----	96	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB2	102	110	111	107	103	99	104	95	94	93	107	93	97	111	96	95	102	99	105	109	111	109	100	92	99	99	100	105
1348	110	111*	106	102	107	101	104	102	101	95	106	99	97	108	96	99	102	101	101	108	104	105	100	93	99	100	102	108
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ013WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ013M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ013WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02L	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02M	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02S	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	108	109	115	103	105	101	106	100	100	96	104	99	96	107	95	97	103	102	103	105	104	106	101	103	102	100	109	109
CCB4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

1640-33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1640-34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1640-35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1640-36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1640-37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV5	110	111*	109	104	108	102	106	102	101	97	106	99	99	107	96	99	104	102	102	109	105	106	102	100	102	101	102	109	
CCB5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1375-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1614-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS43	98	----	----	----	----	----	----	94	----	----	----	92	----	----	95	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB2	109	107	109	105	98	98	104	93	92	97	105	93	91	109	95	91	102	97	104	107	109	107	96	92	97	97	98	105	
CCV5	111*	111*	109	104	108	102	106	103	102	97	107	105	93	107	97	99	104	102	103	108	105	106	101	100	101	101	103	109	
CCB5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of QC Limit

VERSION : 10A UNIT UG/L SUMMARY of CALIBRATION BLANKS . 10B0009 (WATER) DATE . 10/07/10 INST : EM

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
S31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICB	5.79	920	120	.140	.130	4.23	-.010	70.0	.190	050	-.130	1.50	.110	.990	13.0	.330	.200	100	92.1	1.56	300	3.93	.020	.540	-.140	270	.020	3.00
MRL0901	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MRL0902	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICSAB	----	.320	10.0	.220	-.120	5.74	7.94	----	-.470	-1.46	.340	----	.120	-6.35	----	5.90	-2.83	-.330	-11.2	-7.58	.960	54.0	.790	-1.07	1.80	-3.24	-.670	5.38
ICSAB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB1	6.13	180	-.200	170	.160	3.92	300	58.0	.140	.180	-.120	1.69	-.250	.202	14.4	190	.230	.370	101	1.39	-.020	1.53	360	.690	.380	-.050	.090	2.87
IPJ0036W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ0036WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ0036WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2222	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-021	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-02H	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB2	6.79	1.28	.390	140	.090	3.68	.160	58.5	.160	.090	.060	-.160	.260	.950	6.43	.050	.320	.310	.135	.380	.390	60.7	.000	.930	-.140	.250	.090	2.71
1349-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1349-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1349-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1370-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1370-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ICS42	----	.280	10.7	.120	-.060	4.67	7.67	----	-.540	-1.46	.370	----	1.28	-5.94	----	5.52	-3.04	-.210	416	-6.10	.900	1035	1.27	-1.62	1.39	-3.17	-.700	1.74
ICS42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB3	7.07	.510	-.170	120	.110	3.39	-.040	55.8	.910	.020	.080	1.19	.400	.090	19.1	.190	.200	-.060	971	1.96	.010	180	.040	.690	.230	.010	.160	1.90
IPJ013W	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ013WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
IPJ013WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-024	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-022	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-029	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-025	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-01	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1348-024	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCV4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
CCB4	5.39	2.43	1.02	120	100	3.83	-.070	59.6	100	-.020	.020	-2.12	.070	1.42	4.23	110	.220	-.070	167	1.51	.020	128	.090	360	.180	370	-.040	1.66

1643-03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1389-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1389-02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1389-04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1389-05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1389-06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB6	5.27	1.80	-.230	.150	.130	3.66	.040	51.0	.120	.150	.120	-1.74	.470	.730	9.51	.440	.170	-.120	.200	1.04	.050	.130	.040	.630	.150	.100	.170	1.47	
1775-02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1644-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCSA3	---	1.33	9.93	.120	-.120	6.70	8.12	---	-.470	-1.55	.300	---	.070	-6.43	---	6.61	-2.59	-.390	15.8	-7.84	.940	.324	.970	-1.39	2.30	-3.22	-.800	9.41	
CCSAB3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCS5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB6	5.93	1.24	.040	.230	.080	3.46	-.050	51.9	.160	.010	.050	-1.11	.000	.740	11.5	.200	.180	-.070	.168	1.09	.030	66.6	.050	.510	-.120	-.280	.020	1.52	

QC limit of each parameter are listed in a table attached next to all the TCP check forms
* - Out of QC Limit

VERSION : 1C4 LAST : 1594 SUMMARY of CALIBRATION BLANKS D8JJ09 (SOIL) DATE 10/07/10 LAST : 98

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	Zn
BLANK	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ICV	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ICB	5.79	.920	-.120	.240	.130	4.23	-.020	70.6	.130	.050	-.130	1.68	.710	.980	10.6	.390	.230	.100	92.1	1.56	.300	3.93	.020	.540	-.040	.270	.020	3.20
MB_D0901	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MB_D0902	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ICSAL	---	230	10.2	220	-.120	5.74	7.94	---	-.470	1.46	340	---	.120	-6.35	---	5.90	-7.83	-.330	-11.2	-7.60	.960	54.0	.790	-1.07	1.30	-3.24	-.670	5.33
ICSAB1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCV1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB1	6.13	.180	-.200	.170	.160	3.92	.000	68.3	.140	.100	-.120	1.69	-.250	.300	11.4	.190	.230	.070	101	1.39	-.020	3.53	.060	.560	.380	-.050	.080	2.67
IPD0506-2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IPD0506L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IPD0506C	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1247	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1248-07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1248-12A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1248-02M	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1348-02S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1348-03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1348-04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCV2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB2	6.79	1.28	.290	.140	.090	3.58	.060	59.5	.150	.090	.060	-.150	.770	.550	5.43	.050	.070	.010	.106	.080	.090	20.7	.130	.900	-.140	.250	.130	2.82
1348-05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1348-06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1349-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1370-03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1370-04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1C342	---	.782	10.7	.130	-.060	4.67	7.57	---	-.540	-1.49	.370	---	1.23	5.64	---	5.52	-3.04	-.210	416	-6.15	.930	1.005	1.27	-1.52	1.38	-3.12	.710	1.74
1C342	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCV3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB3	7.07	.610	-.070	.120	.210	3.39	-.040	55.8	.210	.027	.060	1.19	.400	.090	19.1	.160	.200	-.060	771	1.05	.010	.380	.040	.660	.220	.070	.160	1.90
IPD013-3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IPD013L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IPD013C	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-02A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-12A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-02M	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-02S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1643-03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1348-02A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCV4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CCB4	5.39	2.43	1.32	.120	.100	3.83	-.170	60.6	.120	-.020	.020	-2.12	.370	1.42	4.23	.110	.221	-.070	167	1.51	.020	.135	.390	.350	.180	.350	-.043	1.56

1643-03	--	----	----	---	----	---	----	----	----	----	----	---	----	----	-- -	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1643-04	----	---	----	----	----	----	--	----	----	----	----	----	----	----	----	----	---	----	---	----	----	---	----	----	----	----	----	---	----
1643-05	----	--	----	----	---	----	- -	----	----	----	---	----	--	----	----	----	- --	----	----	----	---	----	----	----	----	----	----	---	----
1643-06	----	----	---	----	-	----	----	---	----	----	----	----	----	----	-- -	----	----	----	----	---	----	----	----	----	----	--	----	----	----
1643-07	----	----	- -	----	----	----	----	----	- --	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	- --
1389-01	----	---	----	---	----	---	----	----	---	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1389-02	----	---	----	----	--	----	----	----	----	----	----	----	--	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----
1389-04	- --	----	---	----	----	----	----	----	----	----	----	----	- --	----	----	----	----	----	----	----	----	----	----	----	----	---	----	---	----
1389-05	----	--	----	---	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	----	----
1389-06	--	-- -	---	----	----	----	---	----	---	----	----	----	---	----	----	----	----	----	----	---	----	----	-- -	----	----	----	----	----	----
0095	---	----	---	----	----	----	-- -	- --	----	--	----	- --	----	----	----	----	----	----	---	----	----	-- -	----	----	----	----	----	----	1.47
0255	5.67	1.30	- 230	.260	.130	3.66	-.040	51.0	.120	.150	.120	-1.74	.470	.730	9.53	.440	.170	-.120	.202	1.04	.093	.136	.043	.603	.150	.130	.170	----	----
1375-02	---	----	----	----	- -	----	----	----	----	- --	----	----	- --	----	----	----	----	----	----	----	----	----	----	----	----	- --	----	----	----
1644-01	----	----	---	----	----	---	----	----	----	----	----	----	----	---	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----
TC543	---	1.33	9.63	.120	-.120	5.70	5.12	----	- 470	-1.56	.800	----	.070	-6.43	---	6.61	-2.95	-.390	15.8	-7.84	.940	.324	.970	-1.28	2.30	-3.22	- 800	9.41	----
TC5433	- --	----	-- -	----	----	-- -	---	---	----	----	----	---	----	-- -	---	----	----	----	----	-- -	----	----	----	----	- --	----	----	----	---
0076	----	----	----	----	----	----	----	-- -	----	-- -	----	----	----	---	----	----	----	----	----	----	----	----	----	----	- --	----	----	----	----
0256	5.92	1.24	.040	230	.080	3.46	-.060	51.9	.160	.010	.050	-1.11	000	.740	11.5	200	190	-.370	168	1.09	032	66.6	.062	.310	- 120	- 260	.070	1.52	----

QC limit of each parameter are listed in a table attached next to all the EDP check forms
* : Out of QC Limit

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	ConFact	Check	Check Table	Fail Action
1	0	0	0	0	Unk	S0		ID8J009001			1	☒	unk	—
2	0	0	0	0	Unk	S20		ID8J009002			1	☒	unk	—
3	0	0	0	0	Unk	S21		ID8J009003			1	☒	unk	—
4	0	0	0	0	Unk	S22		ID8J009004			1	☒	unk	—
5	0	0	0	0	Unk	S23		ID8J009005			1	☒	unk	—
6	0	0	0	0	Unk	S24		ID8J009006			1	☒	unk	—
7	0	0	0	0	Unk	S25		ID8J009007			1	☒	unk	—
8	0	0	0	0	Unk	S26		ID8J009008			1	☒	unk	—
9	0	0	0	0	Unk	S27		ID8J009009			1	☒	unk	—
10	0	0	0	0	Unk	S28		ID8J009010			1	☒	unk	—
11	0	0	0	0	Unk	S29		ID8J009011			1	☒	unk	—
12	0	0	0	0	Unk	S30		ID8J009012			1	☒	unk	—
13	0	0	0	0	Unk	S31		ID8J009013			1	☒	unk	—
14	1	2	1	1	QC	ICV		ID8J009014			1	☒	CCV	None
15	2	2	2	1	QC	ICB		ID8J009015			1	☒	3XIDL	None
16	3	2	3	1	QC	MRLJ0901		ID8J009016			1	☒	EMAX	None
17	4	2	4	1	QC	MRLJ0902		ID8J009017			1	☒	AFCEE	None
18	5	2	5	1	QC	ICSA1		ID8J009018			1	☒	ICSA	None
19	6	2	6	1	QC	ICSAB1		ID8J009019			1	☒	ICSAB	None
20	7	2	7	1	QC	CCV1		ID8J009020			1	☒	CCV	None
21	8	2	8	1	QC	CCB1		ID8J009021			1	☒	3XIDL	None
22	9	2	9	1	QC	IPJ005WB		ID8J009022			1	☒	CCB	None
23	10	2	10	1	QC	IPJ005WL		ID8J009023			1	☒	LCS	None
24	11	2	11	1	QC	IPJ005WC		ID8J009024			1	☒	LCS	None
25	12	2	12	1	Unk	1348-02A	no spike	ID8J009025			1	☒	unk	—
26	13	2	1	2	Unk	1348-02		ID8J009026			1	☒	unk	—
27	14	2	2	2	Unk	1348-02J		ID8J009027			1	☒	unk	—
28	15	2	3	2	Unk	1348-02V		ID8J009028			1	☒	unk	—
29	16	2	4	2	Unk	1348-02S		ID8J009029			1	☒	unk	—
30	17	2	5	2	Unk	1348-03		ID8J009030			1	☒	unk	—
31	18	2	6	2	Unk	1348-04		ID8J009031			1	☒	unk	—
32	19	2	7	2	QC	CCV2		ID8J009032			1	☒	CCV	None
33	20	2	8	2	QC	CCB2		ID8J009033			1	☒	3XIDL	None
34	21	2	9	2	Unk	1348-05		ID8J009034			1	☒	unk	—
35	22	2	10	2	Unk	1348-06		ID8J009035			1	☒	unk	—
36	23	2	11	2	Unk	1349-01		ID8J009036			1	☒	unk	—
37	24	2	12	2	Unk	1370-03		ID8J009037			1	☒	unk	—
38	25	2	1	3	Unk	1370-04		D8J009038			1	☒	unk	—
39	26	2	2	3	QC	ICSA2		ID8J009039			1	☒	ICSA	None

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	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Data File	Type	Diln Factor	CorrFact	Check	Check Table	Fail Action
40	27	2	3	3	QC	ICSAB2		ID8J009040			1	☒	ICSAB1	None
41	28	2	4	3	QC	CCV3		ID8J009041			1	☒	CCV	None
42	29	2	5	3	QC	CCB3		ID8J009042			1	☒	3XIDL	None
43	39	2	3	4	QC	IPJ013WB		ID8J009043			1	☒	CCB	None
44	40	2	4	4	QC	IPJ013WL		ID8J009044			1	☒	LCS	None
45	41	2	5	4	QC	IPJ013WC		ID8J009045			1	☒	LCS	None
46	42	2	6	4	Unk	I643-02A		ID8J009046			1	☒	unk	—
47	43	2	7	4	Unk	I643-02		ID8J009047			1	☒	unk	—
48	44	2	8	4	Unk	I643-02J		ID8J009048			1	☒	unk	—
49	45	2	9	4	Unk	I643-02M		ID8J009049			1	☒	unk	—
50	46	2	10	4	Unk	I643-02S		ID8J009050			1	☒	unk	—
51	47	2	11	4	Unk	I643-01		ID8J009051			1	☒	unk	—
52	63	3	3	1	Unk	I348-02A		ID8J009052			1	☒	unk	—
53	49	2	1	5	QC	CCV4		ID8J009053			1	☒	CCV	None
54	50	2	2	5	QC	CCB4		ID8J009054			1	☒	3XIDL	None
55	48	2	12	4	Unk	I643-03		ID8J009055			1	☒	unk	—
56	51	2	3	5	Unk	I643-04		ID8J009056			1	☒	unk	—
57	52	2	4	5	Unk	I643-05		ID8J009057			1	☒	unk	—
58	53	2	5	5	Unk	I643-06		ID8J009058			1	☒	unk	—
59	54	2	6	5	Unk	I643-07		ID8J009059			1	☒	unk	—
60	55	2	7	5	Unk	I389-01		ID8J009060			1	☒	unk	—
61	56	2	8	5	Unk	I389-02		ID8J009061			1	☒	unk	—
62	57	2	9	5	Unk	I389-04		ID8J009062			1	☒	unk	—
63	58	2	10	5	Unk	I389-05		ID8J009063			1	☒	unk	—
64	59	2	11	5	Unk	I389-08		ID8J009064			1	☒	unk	—
65	61	3	1	1	QC	CCV5		ID8J009065			1	☒	CCV	None
66	62	3	2	1	QC	CCB5		ID8J009066			1	☒	3XIDL	None
67	60	2	12	5	Unk	I375-02		ID8J009067			1	☒	unk	—
68	64	3	4	1	Unk	I644-01		ID8J009068			1	☒	unk	—
69	65	3	5	1	QC	ICSA3		ID8J009069			1	☒	ICSA	None
70	66	3	6	1	QC	ICSAB3		ID8J009070			1	☒	ICSAB1	None
71	67	3	7	1	QC	CCV6		ID8J009071			1	☒	CCV	None
72	68	3	8	1	QC	CCB6		ID8J009072			1	☒	3XIDL	None

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ID8J009 Section 1 of 3

INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID
1	Blank	-.00029	.00001	-.00001	.00026	.00015	.00013	-.00078	.00076	.00001	-.00085	Blank
2	S20					.89112		2.7207				S20
3	S21					8.6647		25.217				S21
4	S22				.49018						.15983	S22
5	S23				4.7852						1.6549	S23
6	S24						.10545					S24
7	S25						1.0898					S25
8	S26	.23393							1.1159	.16192		S26
9	S27	8.3647							10.394	1.5472		S27
10	S28		.00574									S28
11	S29		.05769									S29
12	S30			.00148								S30
13	S31			.00593								S31
14	ICV	104.99	1.6033	1.0540	2.0218	1.5556	2.5126	2.0991	75.559	2.5042	.95484	ICV
15	ICB	.00579	.00092	-.00012	.00014	.00013	.00423	-.00001	.07076	.00019	.00005	ICB
16	MRLJ0901	.22717	.10276	.01002	.01046	.01051	.01154	.01037	1.0454	.01056	.00945	MRLJ0901
17	MRLJ0902	.22679	.05131	.00927	.00521	.00415	.09638	.00517	.52217	.01011	.00965	MRLJ0902
18	ICSA1	395.18	.00033	.01001	.00022	-.00012	.00574	.00794	475.05	-.00047	-.00146	ICSA1
19	ICSAB1	396.15	1.0592	1.0955	.52999	.49033	.49133	1.0498	465.54	.45972	.46389	ICSAB1
20	CCV1	105.95	1.5980	1.0574	2.0315	1.5541	2.4982	2.0936	74.928	2.4889	.94990	CCV1
21	CCB1	.00613	.00018	-.00020	.00017	.00016	.00392	.00000	.06826	.00014	.00010	CCB1
22	IPJ005WB	-.00238	-.00164	.00117	-.00004	-.00002	.00176	.00009	-.00768	-.00009	.00016	IPJ005WB
23	IPJ005WL	5.8428	2.6914	.54874	.49934	.50689	.52461	.52245	50.352	.49840	.47360	IPJ005WL
24	IPJ005WC	5.8788	2.6983	.54557	.50008	.50823	.52001	.52251	49.502	.49842	.47547	IPJ005WC
25	ZZZZ	.04475	.00100	.00096	.70972	.00000	.07943	.00023	162.20	.04152	.00005	ZZZZ
26	I348-02	.05390	.00004	-.00058	.72678	-.00006	.08037	.00015	162.50	.04220	.00000	I348-02
27	I348-02J	.01853	.00050	.00015	.14416	-.00002	.01569	-.00001	32.889	.00855	-.00013	I348-02J
28	I348-02M	5.9462	2.8599	.56279	1.2177	.49842	.63292	.52727	210.78	.53092	.47541	I348-02M
29	I348-02S	6.0812	2.9140	.57327	1.2453	.50441	.64687	.54035	211.48	.54019	.48825	I348-02S
30	I348-03	.03240	.00851	.00107	.40718	.00127	.08392	.00135	153.67	.00287	.00101	I348-03
31	I348-04	.02275	.00077	.08968	2.3023	-.00006	.10945	.00365	131.90	.00058	-.00020	I348-04
32	CCV2	110.12*	1.6673*	1.0790	2.0462	1.6021	2.5270	2.0846	75.651	2.5202	.95314	CCV2
33	CCB2	.00679	.00128	.00029	.00014	.00009	.00358	.00006	.05849	.00016	.00009	CCB2
34	I348-05	.00626	-.00071	.00194	.87982	-.00005	.09465	.00021	169.67	.00063	.00070	I348-05
35	I348-06	.03174	.00016	.06579	1.9305	-.00004	.13392	.00079	153.35	.00061	-.00003	I348-06
36	I349-01	.21637	.00030	.00529	.46040	.00001	.08162	.00006	62.114	.00062	.00051	I349-01
37	I370-03	.01525	-.00142	.00164	.54158	-.00014	.47958	.00011	630.48	.00096	-.00083	I370-03
38	I370-04	.01281	-.00162	.00026	.53302	-.00013	.47157	.00011	615.42	.00084	-.00090	I370-04
39	ICSA2	401.99	.00076	.01068	.00012	-.00006	.00467	.00757	469.30	-.00054	-.00148	ICSA2
40	ICSAB2	408.50	1.0967	1.1095	.53256	.50441	.49731	1.0432	477.45	.46765	.46439	ICSAB2
41	CCV3	109.86	1.6668*	1.0836	2.0487	1.6060	2.5288	2.0892	76.413	2.5292	.95480	CCV3
42	CCB3	.00707	.00051	-.00007	.00012	.00011	.00338	-.00004	.05585	.00021	.00002	CCB3
43	IPJ013WB	-.00023	-.00070	.00033	.00002	.00000	.00175	.00011	-.01767	-.00001	.00015	IPJ013WB
44	IPJ013WL	6.0758*	2.7615	.56811	.51500	.52274	.54501	.53327	52.494	.50956	.48144	IPJ013WL
45	IPJ013WC	5.8400	2.6910	.54100	.49285	.50178	.52964	.51295	49.823	.49084	.46373	IPJ013WC
46	I643-02A	6.3507	2.7513	.59460	.61790	.55190	.56351	.56489	78.816	.53847	.51261	I643-02A
47	I643-02	.01271	.00457	.00077	.07889	.00007	.03560	.00007	29.408	.00383	.00327	I643-02
48	I643-02J	.00286	.00257	.00040	.01560	-.00003	.00739	-.00006	5.9070	.00071	.00066	I643-02J
49	I643-02M	6.2966	2.9813	.58216	.60088	.53219	.60594	.54085	82.782	.51705	.49385	I643-02M
50	I643-02S	6.3363	2.9519	.58934	.60842	.52760	.59669	.54304	81.764	.51516	.49552	I643-02S
51	I643-01	.00428	.00545	.00002	.07908	.00001	.03356	.00005	28.279	.00564	-.00016	I643-01
52	I348-02A	6.4856	2.7686	.60562	1.2490	.54180	.60989	.57210	206.32	.57240	.51544	I348-02A
53	CCV4	107.50	1.6325	1.0631	2.0540	1.5801	2.5359	2.1133	75.483	2.5124	.96269	CCV4
54	CCB4	.00539	.00243	.00102	.00012	.00010	.00383	-.00007	.05062	.00012	-.00002	CCB4

55	I643-03	.00421	.00068	.00103	.08639	.00000	.03192	-.00003	36.464	.00342	.00199	I643-03
56	I643-04	.00306	-.00004	-.00030	.09362	-.00002	.03320	.00005	31.521	.00405	-.00017	I643-04
57	I643-05	.01011	.00008	.00016	.08397	.00001	.03252	.00003	31.596	.00439	.00085	I643-05
58	I643-06	.00570	.00071	-.00009	.07658	-.00004	.03363	.00008	26.344	.00398	.00025	I643-06
59	I643-07	.00301	-.00008	.00020	.06961	-.00006	.03117	.00002	25.555	.00467	.00010	I643-07
60	I389-01	.04281	-.00028	.00122	.42384	-.00005	.04709	.00001	141.79	.00161	-.00020	I389-01
61	I389-02	.03463	-.00016	.00000	.41217	-.00005	.04681	-.00001	139.89	.00174	-.00031	I389-02
62	I389-04	.06931	.00049	.00041	1.3138	-.00005	.07775	.00053	280.69	.00227	-.00007	I389-04
63	I389-05	.01149	-.00099	-.00042	.54846	-.00008	.05647	.00002	166.30	.00036	-.00026	I389-05
64	I389-08	.08389	-.00058	-.00056	.89949	-.00007	.11501	.00007	204.70	.00047	.00122	I389-08
65	CCV5	109.70	1.6711*	1.0873	2.0850	1.6128	2.5449	2.1250	75.975	2.5281	.96933	CCV5
66	CCB5	.00557	.00180	-.00023	.00015	.00013	.00366	-.00004	.05097	.00012	.00015	CCB5
67	I375-02	.00918	-.00094	.00071	.77792	-.00006	.09796	-.00005	211.65	.00073	.00253	I375-02
68	I644-01	.01075	-.00042	.00809	.18211	-.00007	.03917	.00044	124.46	.00252	.00230	I644-01
69	ICSA3	393.77	.00133	.00983	.00012	-.00013	.00570	.00812	469.59	-.00047	-.00156	ICSA3
70	ICSAB3	399.99	1.0706	1.0887	.52549	.48775	.49088	1.0375	463.73	.46046	.45985	ICSAB3
71	CCV6	110.98*	1.6628*	1.0865	2.0722	1.6162	2.5571	2.1129	76.911	2.5502	.96598	CCV6
72	CCB6	.00593	.00124	.00004	.00023	.00008	.00346	-.00006	.05192	.00016	.00001	CCB6
INDX	LSID	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	LSID

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INDEX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Na	K	Se	LSID
1	Blank	.00139	.00071	.00089	-.00017	.00382	.00002	.00006	-.00058	.00050	.00030	Blank
2	S20			.19727			.03022					S20
3	S21			1.3433			.79204					S21
4	S22	.33432	.06139									S22
5	S23	3.6200	2.3413									S23
6	S24							.71570				S24
7	S25							7.1499				S25
8	S26								.80120	.33212		S26
9	S27								2.4617	3.2832		S27
10	S28					.11560						S28
11	S29					.47489						S29
12	S30				.02947						.00165	S30
13	S31				.34176						.00648	S31
14	IC4	2.5480	24.574	2.4333	.52670	57.671	2.4108	2.5624	2.6120	61.882	1.0449	IC4
15	IC8	-.00013	.00158	.00071	.00092	.01061	.00038	.00023	.00010	.09205	.00158	IC8
16	MBLJ0901	.01044	.21658	.01064	.01168	.98777	.01100	.01034	.01040	1.0295	.01107	MBLJ0901
17	MBLJ0902	.01025	.10277	.00985	.10281	.21224	.01534	.00998	.01024	1.0117	.01203*	MBLJ0902
18	ICSA1	.00094	196.95	.00012	.00525	193.18	.00590	-.00283	-.00030	-.00119	.00758	ICSA1
19	ICSAB1	.92685	185.86	.92151	1.0996	191.86	.46754	1.0350	.97853	78.430	1.0709	ICSAB1
20	CCV1	2.5503	24.679	2.4172	.52013	57.677	2.3929	2.5622	2.5060	60.384	1.0458	CCV1
21	CCB1	-.00012	.00189	-.00075	.00030	.01437	.00019	.00023	.00007	.18187	.00159	CCB1
22	IPJ0506A6	.00017	-.00567	.00020	-.00023	.01022	.00029	-.00012	.00032	.10901	.00069	IPJ0506A6
23	IPJ0506WL	.52611	5.2425	.49694	-.00084*	49.416	49.79	.49243	.50496	50.853	.54994	IPJ0506WL
24	IPJ0506WC	.52110	5.2782	.49501	-.00023*	45.467	.50122	.49564	.50653	49.479	.53981	IPJ0506WC
25	ZZZZ	.01095	2.4604	.00147	.02249	28.125	.00709	.00009	.04235	7.0765	-.00010	ZZZZ
26	1349-02	.01127	2.4995	.00112	.02310	28.453	.00715	.00001	.04379	2.0766	.00152	1349-02
27	1349-02J	.00195	.49580	.00076	.00423	6.6230	.00145	-.00009	.00866	.38147	.00071	1349-02J
28	1349-02M	.53050	7.0018	.49091	.02261	77.574	.49826	.52577	.54761	54.805	.55983	1349-02M
29	1349-02S	.54647	7.0066	.50454	.02270	78.465	.50107	.54292	.56252	56.197	.56465	1349-02S
30	1349-03	.00255	.06425	.00107	.02303	29.893	.00351	.00079	.00218	3.5056	.00274	1349-03
31	1349-04	.00145	13.917	.00092	.02505	35.275	.22637	.01882	.00015	4.2156	.00100	1349-04
32	CCV2	2.6310	24.664	2.4105	.53135	56.315	2.4845	2.5522	2.5176	60.842	1.0317	CCV2
33	CCB2	.00006	-.00016	.00025	.00055	.00643	.00015	.00032	.00001	.13647	.00109	CCB2
34	1349-05	.00134	.02197	.00174	.00874	32.954	.56135	.00012	.00321	3.4670	.00095	1349-05
35	1349-06	.00168	15.921	.00130	.01545	27.635	.91294	.00057	.00172	2.1011	-.00061	1349-06
36	1349-07	.00195	.06105	.00084	.02152	21.759	.13926	.00150	.00201	13.786	.00016	1349-07
37	1370-03	.00143	13.485	.00196	.02174	222.70	1.1345	-.00134	.00102	23.438	-.00239	1370-03
38	1370-04	.00111	13.442	.00112	.02716	217.77	1.1363	-.00198	.00147	26.330	-.00156	1370-04
39	ICSA2	.00037	196.07	.00123	-.00554	191.20	.00652	-.00304	.00021	.41366	-.00643	ICSA2
40	ICSAB2	.92689	186.23	.91573	1.0869	192.75	.47745	1.0258	.97941	75.112	1.0857	ICSAB2
41	CCV3	2.6456	24.728	2.4136	.52744	57.651	2.4777	2.5601	2.5210	60.990	1.0781	CCV3
42	CCB3	.00006	.00119	.00042	.00003	.01967	.00016	.00020	-.00005	.27109*	.00105	CCB3
43	IPJ0136A3	.00139	-.00015	.00029	-.00037	.01667	.00047	-.00010	.00079	.19877*	-.00075	IPJ0136A3
44	IPJ0136WL	.53532	5.3677	.50617	-.00119*	51.389	.51325	.49244	.51629	53.068	.57861	IPJ0136WL
45	IPJ0136WC	.51379	5.1044	.48690	-.00025*	48.437	.49427	.48256	.49552	53.066	.54679	IPJ0136WC
46	1643-02A	.55830	5.6844	.52654	.00029	65.014	1.1748	.50284	.51248	54.289	.58925	1643-02A
47	1643-02	.00119	.03174	.00032	.00108	12.093	.65316	.00014	.00306	2.4297	.00142	1643-02
48	1643-02J	.00012	.00362	.00032	.00107	3.3537	.13291	.00034	.00143	.54594	.00397	1643-02J
49	1643-02M	.55164	5.4252	.50588	.00039	69.652	1.1892	.53831	.53245	56.966	.57772	1643-02M
50	1643-02S	.55903	5.4389	.51961	.00033	69.560	1.1745	.52776	.53289	57.070	.59120	1643-02S
51	1643-01	.00694	-.00762	.00073	.00101	15.528	.00193	.00014	.00526	2.4439	.00277	1643-01
52	1349-02A	.58361	7.9362	.53425	.02204	75.883	.52975	.51365	.56161	54.952	.55623	1349-02A
53	CCV4	2.6054	24.752	2.4526	.53492	57.135	2.4226	2.5833	2.5421	61.667	1.0501	CCV4
54	CCB4	.00012	-.00212	.00017	.00142	.00423	.00011	.00022	.00007	.16749	.00151	CCB4

55	1643-03	.00056	.10729	.00090	.00166	16.277	.76684	-.00016	.00621	2.5282	.00116	1643-03
56	1643-04	.00210	-.00520	.00375	.00142	15.301	.00092	-.00014	.00318	2.4417	.00155	1643-04
57	1643-05	.00091	.00730	.00113	.00013	15.520	.07010	.00011	.00555	2.4628	.00169	1643-05
58	1643-06	.00165	.00654	.00035	.00118	14.909	.03383	.00001	.00587	2.5317	.00142	1643-06
59	1643-07	.00080	.00533	.00113	.00117	12.714	.05729	-.00009	.00403	2.3957	.00152	1643-07
60	1389-01	.00301	.08542	.00167	.01406	20.518	.00724	-.00026	.00098	2.5724	.00249	1389-01
61	1389-02	.00211	.05119	.00054	.01391	20.255	.00535	-.00017	.00095	2.5755	.00018	1389-02
62	1389-04	.00285	.15550	.00446	.02811	51.665	.00973	-.00019	.00209	3.6925	-.00102	1389-04
63	1389-05	.00114	-.01151	.00098	.03377	45.248	.01859	.00755	.00196	5.3517	.00041	1389-05
64	1389-08	.00186	.08880	.00185	.03174	46.064	.06250	.00051	.00752	5.1611	-.00039	1389-08
65	CCV5	2.6541	24.245	2.4524	.53744	67.091	2.4715	7.6017	2.5573	61.524	1.0591	CCV5
66	CCB5	.00012	-.00174	.00047	.00073	.00951	.00044	.00017	-.00012	.00047*	.00104	CCB5
67	1375-02	.00152	.04006	.00108	.00788	59.550	.53455	.00182	.01250	6.0350	.00090	1375-02
68	1644-01	.00088	12.262	.00176	-.00103	70.976	3.5279	-.00083	.00157	3.7809	.00239	1644-01
69	ICSA3	.00030	184.43	.00307	-.00643	199.67	.00661	-.00259	.00039	.01577	-.00764	ICSA3
70	ICSA3	.62914	185.52	.91370	1.0925	190.88	.45552	1.0221	.97122	77.853	1.0665	ICSA3
71	CCV6	2.5640	25.066	2.4452	.53411	59.236	2.4303	2.5976	2.5158	61.613	1.0756	CCV6
72	CCB6	.00005	-.00111	.00000	.00074	.00148	.00020	.00018	.00007	.16757	.00109	CCB6
INDX	LSID	Cu	Fe	Pb	Li	Mg	Mn	Mo	Ni	K	Se	LSID

ID8009 Section 2 of 3

IBJC	LSID	Ag	Ni	Sr	Ti	Sn	Ti	V	Zr	LSID
1	Blank	.00012	.00139	-.00010	-.00128	.00028	.00002	-.00024	.00118	Blank
2	S20									S20
3	S21									S21
4	S22							.76655		S22
5	S23							1.6337		S23
6	S24		1.0798							S24
7	S25		6.3955							S25
8	S26									S26
9	S27									S27
10	S28				.12521					S28
11	S29				1.2233					S29
12	S30	.04672		.13668		.02311	.01663		.60569	S30
13	S31	.23120		.66953		.11119	.08339		5.8174	S31
14	IC4	.51373	52.658	.49713	2.4739	.53578	.48625	1.4893	2.7187	IC4
15	IC3	.00010	.00393	.00002	.00064	-.00004	.00027	.00002	.00300	IC3
16	MRL02901	.00049	1.0155	.01057	.01116	.00025	.01064	.01063	.01172	MRL02901
17	MRL02902	.00074	.49298	.01053	.01104	.00990	.00022	.01044	.01084*	MRL02902
18	IC541	.00095	.05400	.00079	-.00107	.00160	.00324	-.00067	.00538	IC541
19	IC5481	1.0971	60.710	.49683	.93172	.99304	.97864	.49035	1.3575	IC5481
20	CCW1	.51039	61.059	.49265	2.4764	.50803	.49523	1.4886	2.7042	CCW1
21	CCR1	-.00032	.00153	.00008	.00158	.00005	-.00003	.00008	.00087	CCR1
22	TP3005W5	.00001	-.02849	.00002	.00019	-.00054	-.00010	.00006	.00189	TP3005W5
23	TP3005W6	.53497	62.421	.49341	.51044	.49397	.50175	.51872	.54739	TP3005W6
24	TP3005W0	.53474	51.346	.48235	.51798	.49626	.51213	.52149	.54537	TP3005W0
25	2222	.00000	.13.82	.03642	.00081	.00025	-.00001	.00075	.01385	2222
26	1348-02	-.00020	119.46	.40291	.00048	-.00034	-.00041	.00076	.01119	1348-02
27	1348-02J	-.00008	73.421	.00023	.00030	.00021	-.00029	.00012	.00430	1348-02J
28	1348-02M	.06237	141.01	.90226	.49550	.52703	.51347	.51711	.55699	1348-02M
29	1348-02S	.54935	174.42	.92445	.50926	.54271	.54292	.52513	.57431	1348-02S
30	1348-03	.00149	13.357	.49613	.00211	.00125	.00073	.00133	.00957	1348-03
31	1348-04	-.00005	234.43	.41565	.00012	-.00041	-.00046	.00039	.02739	1348-04
32	CW2	.51451	61.973	.50104	2.4505	.49671	.49745	1.5276	2.6875	CW2
33	CR2	.00009	.08016	.00003	.00093	-.00014	.00025	.00009	.00227	CR2
34	1348-05	.00025	191.58	.49081	.00990	-.00013	.00103	.00029	.00360	1348-05
35	1348-06	.00104	125.24	.45795	.00367	.00008	-.00177	.00023	.10513	1348-06
36	1348-07	.00001	49.512	.34611	-.00018	-.00010	.00177	.00004	.00412	1348-07
37	1370-03	-.00031	1365.97	5.7741	-.00001	-.00064	-.00016	-.00016	0.812	1370-03
38	1370-04	-.00027	1334.5*	5.6410	-.00359	-.00040	-.00020	-.00028	.00800	1370-04
39	IC542	.00051	1.0053	.00127	-.00162	.00138	.00312	.00072	.00174	IC542
40	IC5482	1.0790	61.743	.52174	.91651	.97171	.97998	.50164	1.0520	IC5482
41	CW3	.52050	62.733	.49931	2.4559	.49693	.50059	1.5326	2.6923	CW3
42	CR3	.00011	17960*	.00904	.01066	.00023	.00207	.00015	.00193	CR3
43	TP3013W3	.00034	.02287	-.00001	.00122	-.00061	-.00024	.00019	.00093	TP3013W3
44	TP3013W4	.54827	54.858	.49972	.52320	.45900	.51008	.52277	.55624	TP3013W4
45	TP3013W0	.52814	52.761	.46141	.49977	.45146	.50759	.51336	.52619	TP3013W0
46	1643-02A	.52169	121.65	.86839	.54253	.50230	.51161	.55900	.60008	1643-02A
47	1643-02	.00131	81.268	.38715	.00056	-.00017	.00030	.00102	.01090	1643-02
48	1643-02J	.00011	16.169	.07716	-.00003	.00016	-.00167	.00018	.00415	1643-02J
49	1643-02M	.56210	137.18	.93283	.51982	.53494	.54426	.54569	.57379	1643-02M
50	1643-02S	.26735	135.97	.90049	.52542	.52561	.54455	.54528	.57540	1643-02S
51	1643-01	.00001	77.114	.35195	.00015	.00039	-.00006	.00124	.01067	1643-01
52	1348-02A	.53534	167.58	.57751	.54335	.50749	.51456	.56163	.60441	1348-02A
53	CW4	.52165	63.651	.50496	2.4556	.51000	.50157	1.5377	2.7275	CW4
54	CR4	.00102	17427*	.01009	.00036	.00018	.00037	-.00004	.00166	CR4

55	1643-03	.00002	90.434	.45747	.00062	-.00019	.00020	.00091	.00466	1643-03
56	1643 04	.00001	76.749	.42156	.00047	-.00035	.00006	.00116	.00810	1643-04
57	1643-05	.00000	74.609	.41414	.00054	-.00067	-.00062	.00109	.00907	1643 05
58	1643-06	.00001	70.035	.37402	.00055	-.00023	-.00023	.00101	.00676	1643-06
59	1643-07	.00004	58.364	.35670	.00054	-.00016	.00017	.00106	.00783	1643-07
60	1389-01	-.00011	177.78	.27705	.00062	-.00008	-.00009	.00070	.05814	1389-01
61	1389-02	-.00016	177.62	.27208	-.00012	-.00018	.00031	.00070	.03966	1389-02
62	1389-04	-.00031	136.08	.81156	-.00015	-.00390	.00035	.00024	.10376	1389-04
63	1389-05	.00020	62.706	.41577	-.00018	.00010	-.00126	-.00016	.00704	1389-05
64	1389-09	-.00357	161.10	.52055	.00022	-.00082	.00015	.00006	.06243	1389-09
65	0045	.52256	63.749	.50846	2.5026	.50840	.50626	1.5295	2.7251	0045
66	0085	.00009	.13520*	.00004	.00053	.00015	.00010	.00017	.00147	0085
67	1375-02	-.00014	121.26	.51944	-.00004	-.00053	-.00098	-.00011	.00239	1375-02
68	1644 01	.00065	142.45	1.4929	.00253	-.00018	-.00003	-.00013	.00319	1644-01
69	00543	.00054	.32350	.00097	-.00139	.00230	-.00322	-.00080	.00941	00543
70	005483	1.0951	60.277	.49133	.91891	.97414	.56213	.49242	1.0502	005483
71	0045	.52535	60.449	.50402	2.4949	.50626	.50547	1.5410	2.7274	0045
72	0085	.00000	.95655	.00005	.00001	-.00012	-.00028	.00007	.00152	0085
1600	1510	Ag	Na	Sr	Tl	Sr	Y	Y	Zn	1510

106009 Section 3 of 3

EMAX LABORATORIES, INC.

DIGESTION LOG
for
ICP METALS

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	pH	Extract Volume (ml)
01	IPJ005: WB			
02				
03				
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40				

10-4-10 WC

Book#: EIP-092
Batch: IPJ005-W
Matrix: WATER

SOP #	Rev.#
☐ EMAX-3005	4
☐ EMAX-3010	4
☐ EMAX-3050	4
☐ EMAX-200.7	1
☐ EMAX-	

	DATE	TIME	TEMP
START	10-4-10	9:50	90°C
END	10-4-10	14:00	90°C

Standards	ID	Amount Added (ml)
LCS-1	SMIA-01, 01.28	0.25
LCS-2	" - " - " .29	0.25
LCS-3	" - " - " .30	0.5
MS		
Reagent	**Lot# / ID**	**Amount Added (ml)**
HNO_3	SMIA-04-253	1.5+1.5
HCl	" - 04-221	2.5+2.5
H_2O_2	N/A	
HNO3(1:1)	"	
Digestate Location	ICP	
Extract Location		

Comments: Amended 10/4/10

☐ Reagent Water ID: SMISR-02-05L

☐ HNO3 dispenser checked @ 1.0-mL with Class A volumetric flask

☐ HNO_3 dispenser checked @ 5.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 2.0-mL with Class A volumetric flask

☐ HCl dispenser checked @ 10-mL with Class A volumetric flask

Thermometer ID 1016152332

Prepared By: WC

Standard Added By: WC Witnessed By: TH

Extract Rcvd By: TH Checked By: TH 10/4/10

Date endorsed to waste Disposal:

Accepted By:

EMAX LABORATORIES, INC.

DIGESTION LOG FOR METALS BY ICP-MS

FileID: IPJ005W.xls

PrepBatchID	LabSampleID	ExpAmt	Aliquot	WtFactor	Unit	DateTime	HotPlateID	pH	expVol(ml)	Vd(ml)	Comments
10IPJ005W01	IPJ005WB	50	50	1	ml	10/4/10 9:32	F	NA	50	50	
10IPJ005W02	IPJ005WI	50	50	1	ml	10/4/10 9:32	E	NA	50	50	
10IPJ005W03	IPJ005WC	50	50	1	ml	10/4/10 9:32	E	NA	50	50	
10IPJ005W04	J009-10	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W05	I647-09	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W06	I366-18	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W07	I367-08	50	50	1	ml	10/4/10 9:32	F	<2	50	50	
10IPJ005W08	I640-02	50	50	1	ml	10/4/10 9:32	C	<2	50	50	
10IPJ005W09	I640-03	50	50	1	ml	10/4/10 9:32	C	<2	50	50	
10IPJ005W10	I349-01	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W11	I348-02	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W12	I348-02M	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W13	I348-02S	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W14	I348-03	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W15	I348-04	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W16	I348-05	50	50	1	ml	10/4/10 9:32	C	<2	50	50	
10IPJ005W17	I348-06	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W18	I370-03	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W19	I370-04	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W20	I585-01	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W21	I585-02	50	50	1	ml	10/4/10 9:32	E	<2	50	50	
10IPJ005W22	I470-01	50	10	5	ml	10/4/10 9:32	E	<2	50	50	STLC
10IPJ005W23	I470-01MM	50	10	5	ml	10/4/10 9:32	C	<2	50	50	~~STCL~~ STLC TH 10/4/10
10IPJ005W24	I470-01S	50	10	5	ml	10/4/10 9:32	C	<2	50	50	STLC
	TH 10/4/10										

10-4-10 MC

Balance ID: 10203182 ☐ Balance calibration check was verified prior to use ☑ Digestion Started @ 10/4/10 9:50 ☑ Digestion Completed @ 10/4/10 14:00

Prepared By: MC Checked By: TH Date 10/4/10 Comment

7028

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 10I370

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 300.0
ANIONS BY IC

A total of two (2) water samples were received on 09/24/10 for Anions (Bromide, Chloride, Nitrate-N, Nitrite-N and Sulfate) by IC analysis, Method 300.0 in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. Results were compliant to project requirement.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for ICI067WL/C were all within QC limits.
Percent recoveries for ICJ002WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Both samples were reported from DF5 due to matrix interference from high Chloride level.

SAMPLE RESULTS

METHOD 300.0
BROMIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 1C1370

Matrix : WATER
Instrument ID : 110C

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	1C1067MB	ND	1	NA	0.500	0.250	09/24/1019:01	NA	A133-34	A133-32	1C1067W	NA	NA
LCS1W	1C1067WL	4.93	1	NA	0.500	0.250	09/24/1039:17	NA	A133-36	A133-32	1C1067W	NA	NA
LCD1W	1C1067WC	4.93	1	NA	0.500	0.250	09/24/1019:33	NA	A133-36	A133-32	1C1067W	NA	NA
MW-70-PMW14B-A10	1370-03	10.6	5	NA	2.50	1.25	09/24/1021:59	NA	A133-45	A133-42	1C1067W	09/23/1014:48	09/24/10
MW-70-PMW14B-A10-D	1370-04	10.7	5	NA	2.50	1.25	09/24/1022:47	NA	A133-48	A133-42	1C1067W	09/23/1014:58	09/24/10

METHOD 300.0
CHLORIDE

Client : INSIGHT GEO, INC.
Project : NWS SEAL BEACH, IR SITE 7C.
Batch No. : 1J0370

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDCST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICJ001WB	ND	1	NA	0.200	0.100	10/01/1010:52	NA	AJ01-03	AJ01-01	ICJ001W	NA	NA
LCS1W	ICJ001WL	4.95	1	NA	0.200	0.100	10/01/1011:10	NA	AJ01-04	AJ01-01	ICJ001W	NA	NA
LCD1W	ICJ001WC	4.96	1	NA	0.200	0.100	10/01/1011:28	NA	AJ01-05	AJ01-01	ICJ001W	NA	NA
MW-70-PMW148-A10	1370-03	3770	200	NA	40.0	20.0	10/01/1013:17	NA	AJ01-11	AJ01-01	ICJ001W	09/23/1014:48	09/24/10
MW-70-PMW148-A10-D	1370-04	3750	200	NA	40.0	20.0	10/01/1013:35	NA	AJ01-12	AJ01-01	ICJ001W	09/23/1014:58	09/24/10

METHOD 300.0
NITRATE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 701370

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFCD	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1067WB	ND	1	NA	0.200	0.0500	09/24/1019:01	NA	A133-34	A133-32	IC1067W	NA	NA
LCS1W	IC1067WL	1.86	1	NA	0.200	0.0500	09/24/1019:17	NA	A133-35	A133-32	IC1067W	NA	NA
LCD1W	IC1067WC	1.86	1	NA	0.200	0.0500	09/24/1019:33	NA	A133-36	A133-32	IC1067W	NA	NA
MW-70-PMW148-A10	1370-03	ND	1	NA	0.200	0.0500	09/24/1021:42	NA	A133-44	A133-42	IC1067W	09/23/1014:48	09/24/10
MW-70-PMW148-A10-D	1370-04	ND	1	NA	0.200	0.0500	09/24/1022:31	NA	A133-47	A133-42	IC1067W	09/23/1014:58	09/24/10

METHOD 300.0
NITRITE-N

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, LR SITE 7C.
Batch No. : 101370

Matrix : WATER
Instrument ID : 1100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	IC1067WB	ND	1	NA	0.200	0.0500	09/24/1019:01	NA	A133-34	A133-32	IC1067W	NA	NA
LCS1W	IC1067WL	2.00	1	NA	0.200	0.0500	09/24/1019:17	NA	A133-35	A133-32	IC1067W	NA	NA
LCD1W	IC1067WC	2.00	1	NA	0.200	0.0500	09/24/1019:33	NA	A133-36	A133-32	IC1067W	NA	NA
MW-70-PMW143-A10	1370-33	ND	5	NA	1.00	0.250	09/24/1021:59	NA	A133-45	A133-42	IC1067W	09/23/1014:48	09/24/10
MW-70-PMW142-A10-D	1370-34	ND	5	NA	1.00	0.250	09/24/1022:47	NA	A133-48	A133-42	IC1067W	09/23/1014:58	09/24/10

METHOD 300.0
SULFATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LTID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICJ001WB	ND	1	NA	0.500	0.250	10/01/1010:52	NA	AJ01-03	AJ01-01	ICJ001W	NA	NA
LCS1W	ICJ001WL	4.92	1	NA	0.500	0.250	10/01/1011:10	NA	AJ01-04	AJ01-01	ICJ001W	NA	NA
LCD1W	ICJ001WC	4.92	1	NA	0.500	0.250	10/01/1011:28	NA	AJ01-05	AJ01-01	ICJ001W	NA	NA
NW-70-PMW148-A10	1370-C3	693	200	NA	100	50.0	10/01/1013:17	NA	AJ01-11	AJ01-01	ICJ001W	09/23/1014:48	09/24/10
NW-70-PMW148-A10-D	1370-C4	684	200	NA	100	50.0	10/01/1013:35	NA	AJ01-12	AJ01-01	ICJ001W	09/23/1014:58	09/24/10

QC SUMMARIES

EMAK QUALITY CONTROL DATA
LCS/LCD ANALYSES

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	IC1067WB	IC1067WL	IC1067WC		
LAB FILE ID:	A133-34	A133-35	A133-36		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/24/1019:01	09/24/1019:17	09/24/1019:33	DATE RECEIVED:	NA
PREP. BATCH:	IC1067W	IC1067W	IC1067W		
CALIB. REF:	A133-32	A133-32	A133-32		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Bromide	ND	5.00	4.93	99	5.00	4.93	99	0	90-110	20

0009

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	1CJ001WB	1CJ001WL	1CJ001WC		
LAB FILE ID:	AJ01-C3	AJ01-04	AJ01-C5		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/01/1010:52	10/01/1011:10	10/01/1011:28	DATE RECEIVED:	NA
PREP. BATCH:	1CJ001W	1CJ001W	1CJ001W		
CALIB. REF:	AJ01-01	AJ01-01	AJ01-01		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.95	99	5.00	4.96	99	0	90-110	20

0016

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 300.0

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 | 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1067WB | IC1067WL | IC1067WC
LAB FILE ID: A133-34 | A133-35 | A133-36
DATE EXTRACTED: NA | NA | NA | DATE COLLECTED: NA
DATE ANALYZED: 09/24/1019:01 | 09/24/1019:17 | 09/24/1019:33 | DATE RECEIVED: NA
PREP. BATCH: IC1067W | IC1067W | IC1067W
CALIB. REF: A133-32 | A133-32 | A133-32

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	2.00	1.86	93	2.00	1.86	93	0	90-110	20

2011

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: KWS SEAL BEACH, CR SITE 70,
BATCH NO.: 101370
METHOD: METHOD 300.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: IC1067WB IC1067WA IC1067WC
LAB FILE ID: A133-34 A133-35 A133-36
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/24/1019:31 09/24/1019:17 09/24/1019:33 DATE RECEIVED: NA
PREP. BATCH: IC1067W IC1067W IC1067W
CALIB. REF: A133-32 A133-32 A133-32

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrite-N	ND	2.00	2.00	100	2.00	2.30	100	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 330.0

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: 1CJ001WB 1CJ001WL 1CJ001WC
LAB FILE ID: AJ01-03 AJ01-04 AJ01-05
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 10/01/1010:52 10/01/1011:10 10/01/1011:28 DATE RECEIVED: NA
PREP. BATCH: 1CJ001W 1CJ001W 1CJ001W
CALIB. REF: AJ01-01 AJ01-01 AJ01-01

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.92	98	5.00	4.92	98	0	90-110	20

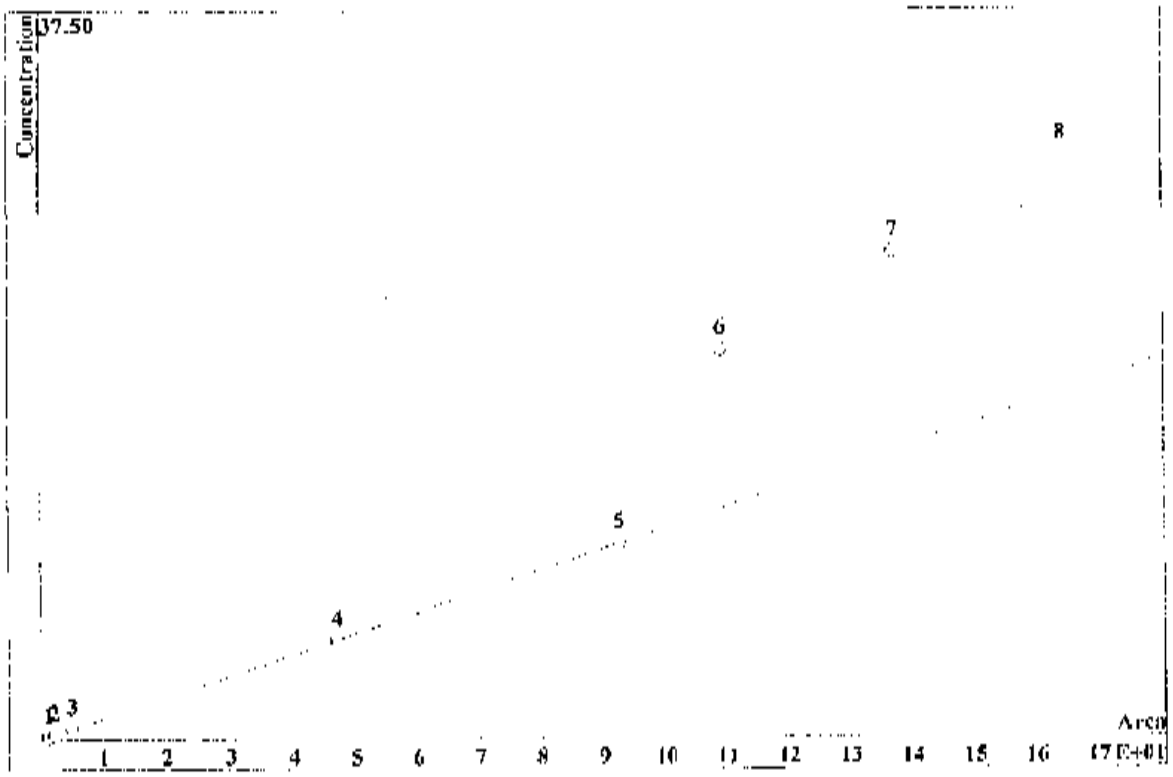
INITIAL CALIBRATION

IC Result Check FormVersion : I01/AI01

LFID	LSID	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	sulfate	RawNetID	OF
AI01-01	IB	FCIBNPS	0	0	0	0	0	0	0	u9011506	1
AI01-02	S0	FCIBNPS	0	0	0	0	0	0	0	u9011522	1
AI01-03	S1	FCIBNPS	0.0566427	0.104476	0.0643129	0.0980786	0.0431625	0.120695	0.139318	u9011538	1
AI01-04	S2	FCIBNPS	0.163054	0.20044	0.169521	0.195039	0.142891	0.217759	0.237662	u9011554	1
AI01-05	S3	FCIBNPS	0.488577	0.489737	0.488502	0.490103	0.440234	0.488697	0.525698	u9011610	1
AI01-06	S4	FCIBNPS	5.18977	4.9792	5.1591	5.03262	5.02727	4.94658	4.93295	u9011626	1
AI01-07	S5	FCIBNPS	9.90196	10.0255	9.91856	9.98416	10.1451	10.0263	9.94209	u9011643	1
AI01-08	S6	FCIBNPS	18.29	20.0255	18.3817	11.7608	20.1535	19.9381	19.9782	u9011659	1
AI01-09	S7	FCIBNPS	22.1356	24.9825	22.2135	14.7964	25.0264	24.8267	25.0022	u9011715	1
AI01-10	S8	FCIBNPS	25.7804	29.9926	25.8397	17.768	29.8213	29.7084	30.047	u9011731	1
AI01-11	ICV	FCIBNPS	105%	96.6%	104.1%	95.7%	99.3%	97.3%	96.7%	u9011758	1
AI01-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9011815	1

CALIBRATION OF COMPONENT bromide

Method: IC100-101.mtw
Equation: Q = 0.108366·A - 0.0432407
RSD: 0.694 %
Correlation coefficient: 0.999990



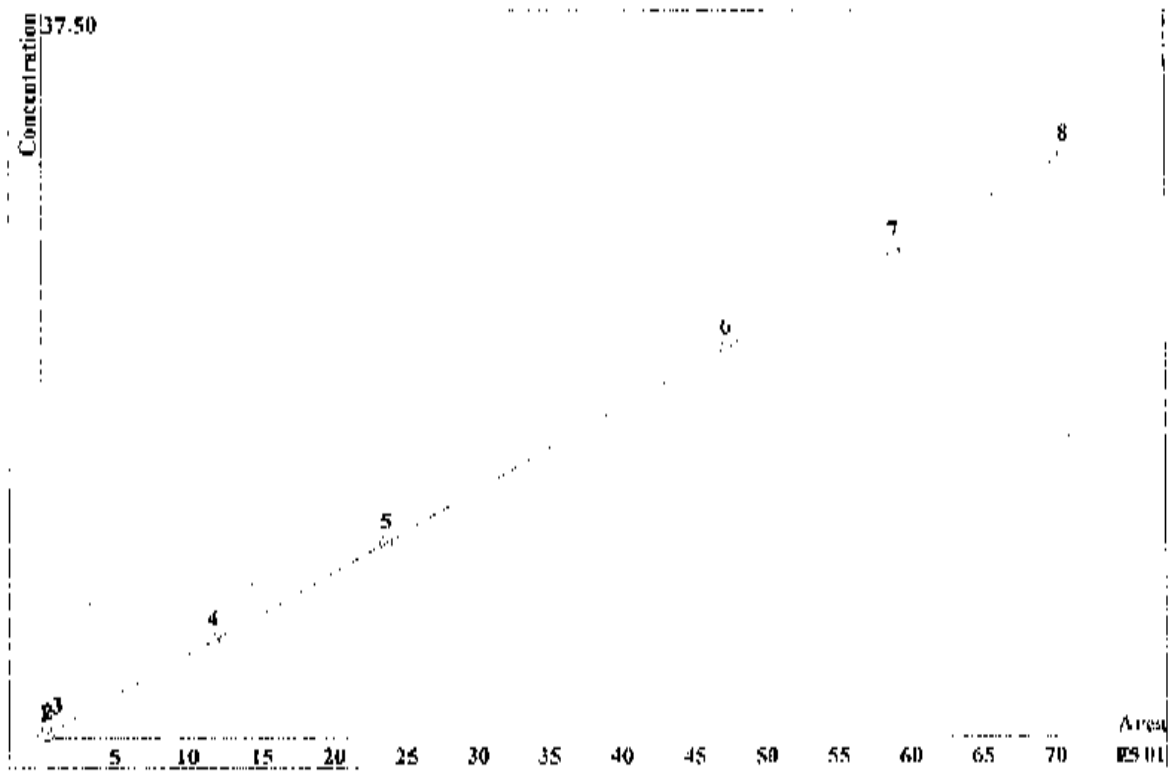
K3 = 0 K2 = 0 K1 = 0.108366 K0 = -0.0432407
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.07449	1.304	0.1	1	5.663	Yes	u9011538.chw
2	0.1312	2.199	0.2	1	5.663	Yes	u9011554.chw
3	0.3054	4.922	0.5	1	5.663	Yes	u9011610.chw
4	2.688	46.84	5	1	5.663	Yes	u9011626.chw
5	4.548	92.53	10	1	5.663	Yes	u9011643.chw
6	7.453	108.9	20	1	5.663	No	u9011659.chw
7	9.169	136.9	25	1	5.663	No	u9011715.chw
8	11.11	164.4	30	1	5.663	No	u9011731.chw

1/01/10

CALIBRATION OF COMPONENT chloride

Method: IC100-I01.mtw
Equation: Q = 0.042441·A + 0.0114068
RSD: 0.170 %
Correlation coefficient: 0.999999



K3 = 0 K2 = 0 K1 = 0.042441 K0 = 0.0114068
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc	Vol/D:1	Retention	Used	File
1	0.1984	2.193	0.1	1	4.246	Yes	u9011538.chw
2	0.4033	4.454	0.2	1	4.246	Yes	u9011554.chw
3	1.023	11.27	0.5	1	4.246	Yes	u9011610.chw
4	10.81	117.1	5	1	4.246	Yes	u9011626.chw
5	21.88	236	10	1	4.246	Yes	u9011643.chw
6	43.57	471.6	20	1	4.246	Yes	u9011659.chw
7	54.33	588.4	25	1	4.246	Yes	u9011715.chw
8	65.32	706.4	30	1	4.246	Yes	u9011731.chw

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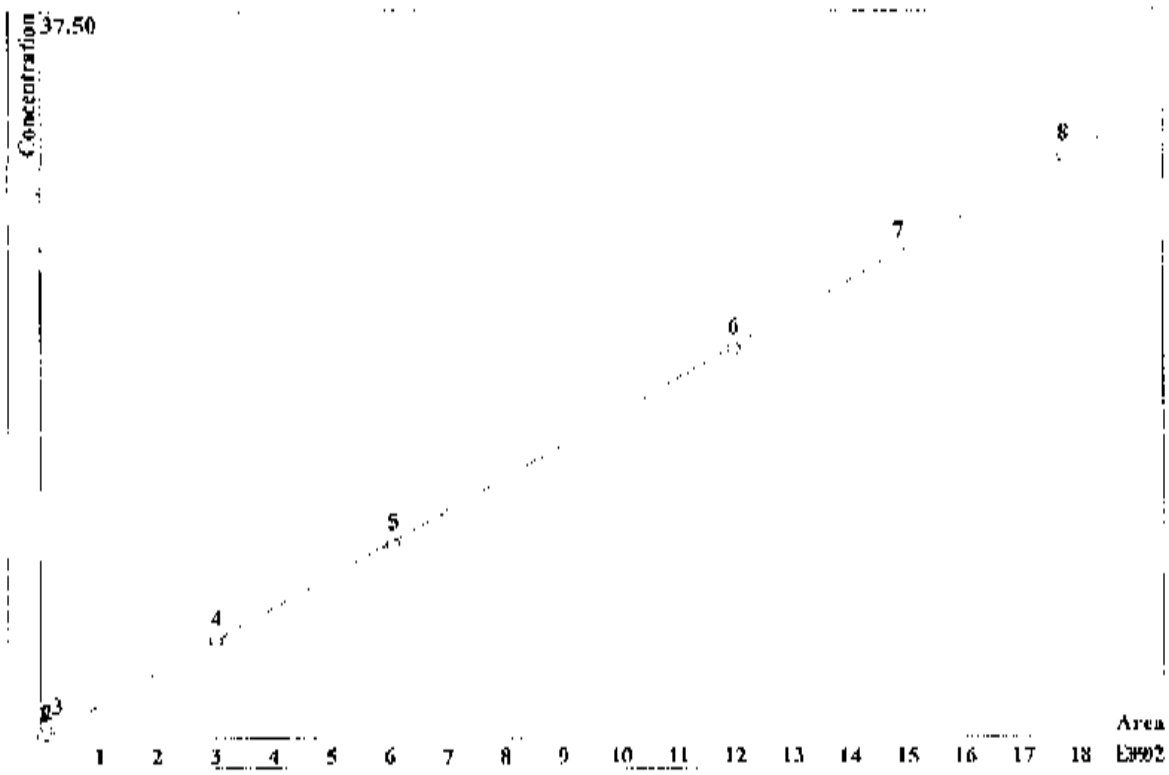
9/02/10

CALIBRATION OF COMPONENT nitrate

Method: IC100-I01.mtw
Equation: Q = 0.0168581·A - 0.0494587
RSD: 1.067 %
Correlation coefficient: 0.999957



K3 = 0 K2 = 0 K1 = 0.0168581 K0 = 0.0494587
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3283	5.494	0.1	1	6.655	Yes	u9011538.chw
2	0.6861	11.41	0.2	1	6.655	Yes	u9011554.chw
3	1.758	29.05	0.5	1	6.655	Yes	u9011610.chw
4	18.57	301.1	5	1	6.655	Yes	u9011626.chw
5	37.12	604.7	10	1	6.655	Yes	u9011643.chw
6	68.35	1198	20	1	6.655	Yes	u9011659.chw
7	80.49	1487	25	1	6.655	Yes	u9011715.chw
8	90.92	1772	30	1	6.655	Yes	u9011731.chw

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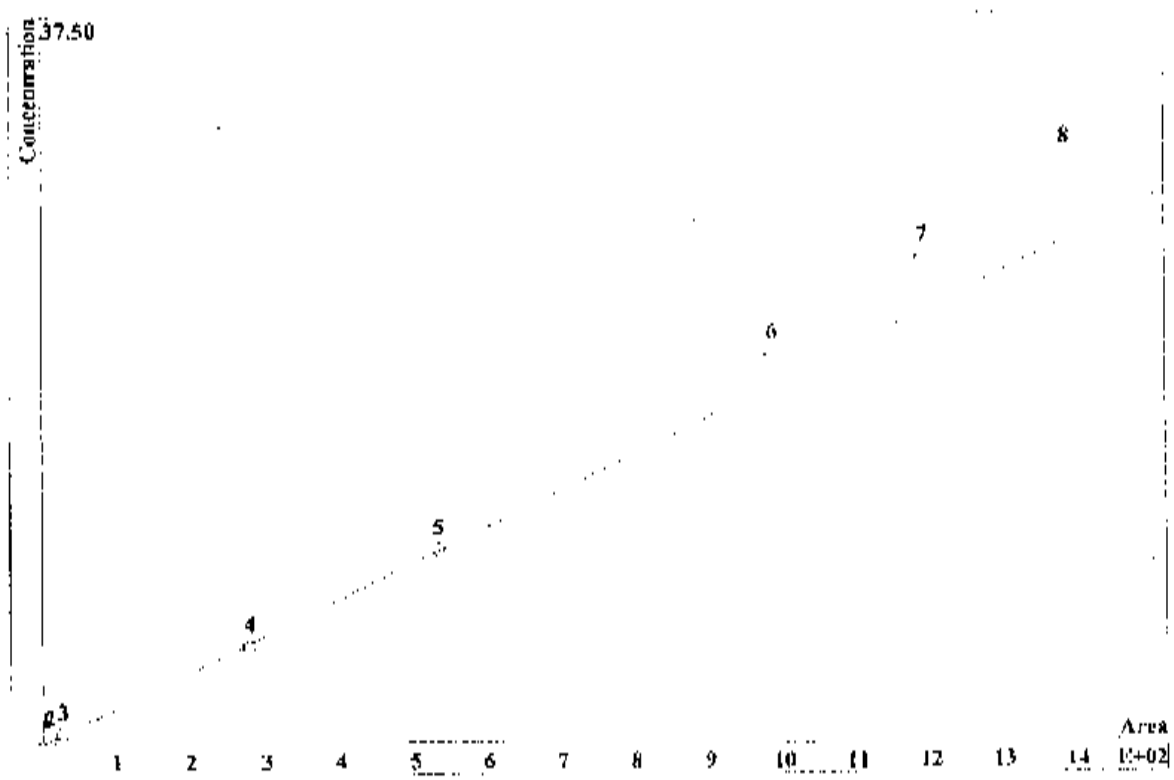
9/2/10

CALIBRATION OF COMPONENT nitrite

Method: IC100-I01.mtw
Equation: Q = 0.0186684·A - 0.0164312
RSD: 3.383 %
Correlation coefficient: 0.999773



K3 = 0 K2 = 0 K1 = 0.0186684 K0 = -0.0164312
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3433	4.325	0.1	1	4.98	Yes	u9011538.chw
2	0.7788	9.961	0.2	1	4.98	Yes	u9011554.chw
3	2.099	27.05	0.5	1	4.98	Yes	u9011610.chw
4	19.99	277.2	5	1	4.98	Yes	u9011626.chw
5	36.35	532.2	10	1	4.98	Yes	u9011643.chw
6	61.67	985.5	20	1	4.98	No	u9011659.chw
7	72.69	1191	25	1	4.98	No	u9011715.chw
8	83.65	1385	30	1	4.98	No	u9011731.chw

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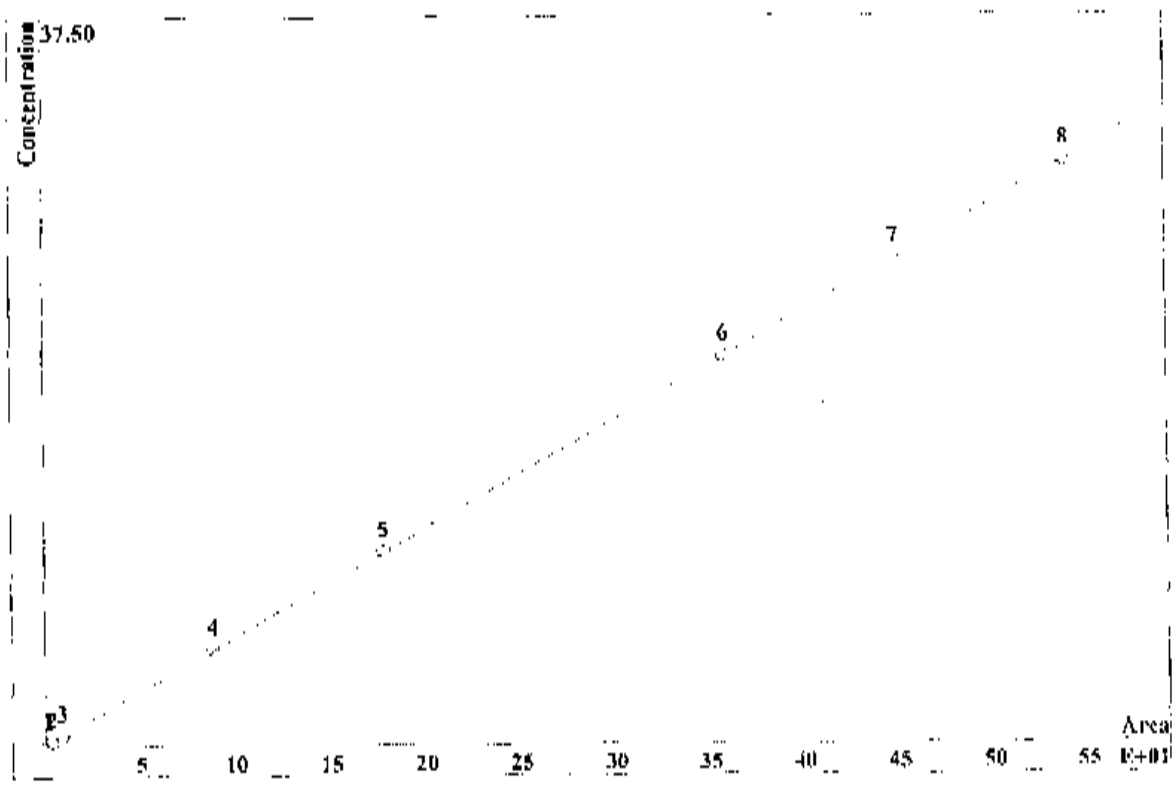
09/01/10

CALIBRATION OF COMPONENT sulfate

Method: CC100-T01.mtw
Equation: Q = 0.0556859·A + 0.0310902
RSD: 0.421 %
Correlation coefficient: 0.999993



K3 = 0 K2 = 0 K1 = 0.0556859 K0 = 0.0310902
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.08776	1.944	0.1	1	10.68	Yes	u9011538.chw
2	0.1635	3.71	0.2	1	10.68	Yes	u9011554.chw
3	0.3865	8.882	0.5	1	10.68	Yes	u9011610.chw
4	3.935	88.03	5	1	10.69	Yes	u9011626.chw
5	7.981	178	10	1	10.68	Yes	u9011643.chw
6	16	358.2	20	1	10.68	Yes	u9011659.chw
7	19.98	448.4	25	1	10.68	Yes	u9011715.chw
8	24.02	538.9	30	1	10.68	Yes	u9011731.chw

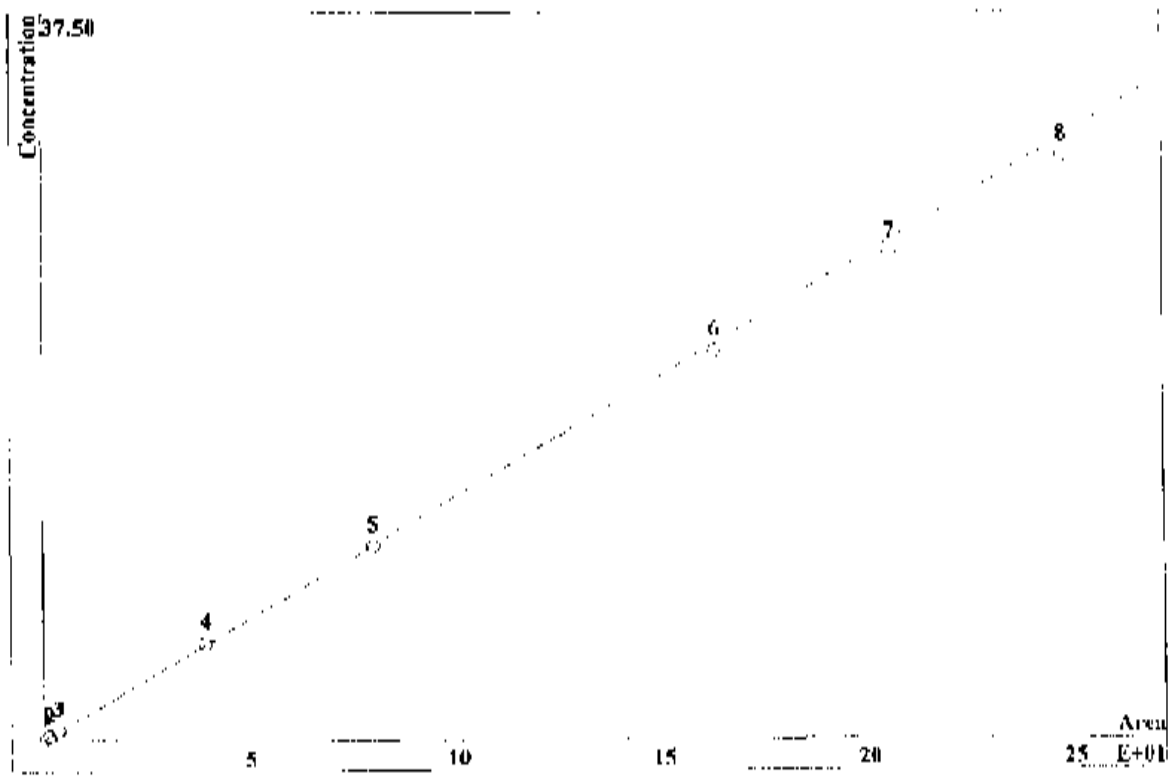
AA
9/2/10

IC Result Check FormVersion : 127/A137

LFID	LSID	Selection	fluoride	chloride	nitrite	bromide	nitrate	phosphate	sulfate	RowNetID	DF
A137-01	IB	FCIBNPS	0	0	0	0	0	0	0	u9281112	1
A137-02	S0	FCIBNPS	0	0	0	0	0	0	0	u9281128	1
A137-03	S1	FCIBNPS	0.0719486	0.15492	0.0824287	0.127698	0.139296	0.129666	0.221079	u9281144	1
A137-04	S2	FCIBNPS	0.171454	0.246359	0.182045	0.220106	0.230621	0.217586	0.312573	u9281200	1
A137-05	S3	FCIBNPS	0.478322	0.510694	0.474447	0.492737	0.493398	0.460181	0.559194	u9281216	1
A137-06	S4	FCIBNPS	5.1595	4.94416	5.12255	4.92132	4.95687	4.98347	4.86748	u9281232	1
A137 07	S5	FCIBNPS	9.91877	9.93817	9.93853	10.0381	9.95815	10.0093	9.82427	u9281249	1
A137 08	S6	FCIBNPS	18.4191	19.9353	18.7557	20.3931	19.9401	19.8047	19.859	u9281305	1
A137-09	S7	FCIBNPS	22.5254	24.9927	23.0633	25.7153	25.1302	24.712	24.9338	u9281321	1
A137-10	S8	FCIBNPS	26.307	30.0777	26.9796	30.9798	29.9514	29.3847	30.2225	u9281337	1
A137-11	ICV	FCIBNPS	103.1%	98.1%	107.6%	96.2%	99.7%	99%	96.6%	u9281432	1
A137-12	ICB	FCIBNPS	0	0	0	0	0	0	0	u9281448	1

CALIBRATION OF COMPONENT bromide

Method: IC100-127.mtw
Equation: Q = 0.125037·A + 0.0395966
RSD: 1.721 %
Correlation coefficient: 0.999941



K3 = 0 K2 = 0 K1 = 0.125037 K0 = 0.0395966
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.06142	0.7046 ✓	0.1	1	6.474	Yes	u9281144.chw
2	0.1228	1.444 ✓	0.2	1	6.474	Yes	u9281200.chw
3	0.3102	3.624 ✓	0.5	1	6.474	Yes	u9281216.chw
4	3.509	39.04 ✓	5	1	6.474	Yes	u9281232.chw
5	7.181	79.96 ✓	10	1	6.474	Yes	u9281249.chw
6	14.13	162.8 ✓	20	1	6.474	No	u9281305.chw
7	17.1	205.3 ✓	25	1	6.474	No	u9281321.chw
8	19.73	247.4 ✓	30	1	6.474	No	u9281337.chw

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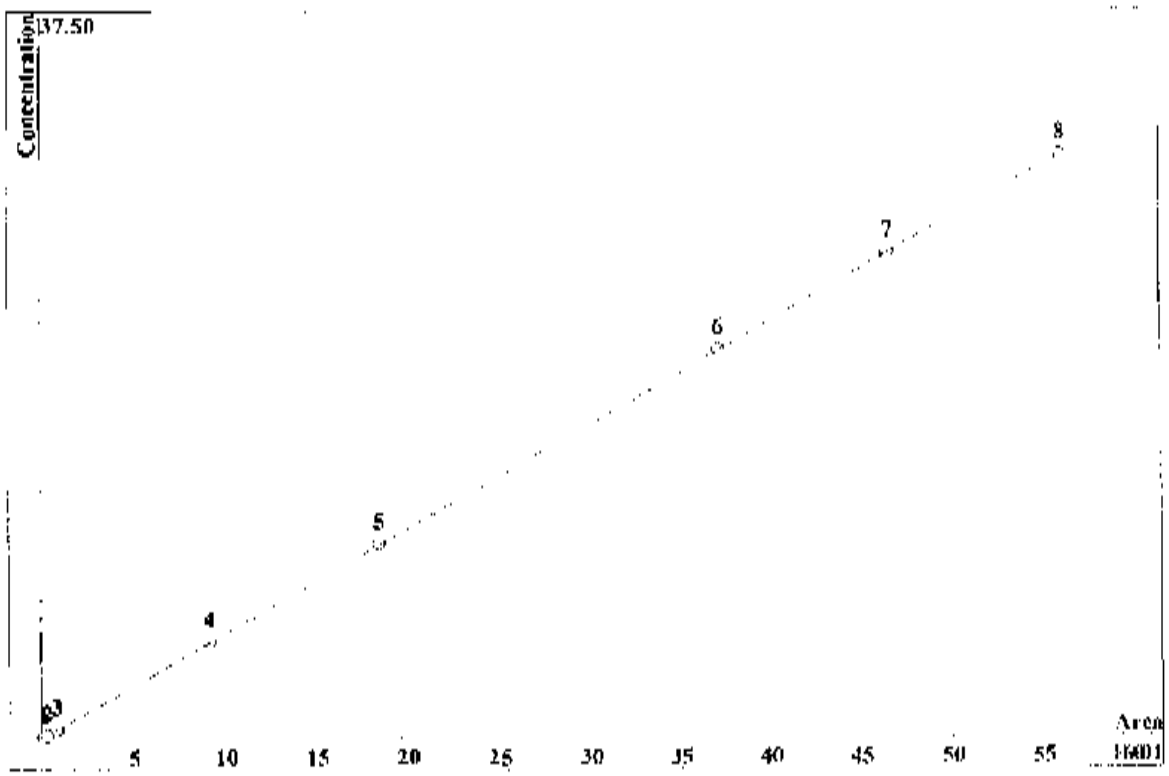
9/30/10

CALIBRATION OF COMPONENT chloride

Method: IC100-I27.mtw
Equation: Q = 0.0535554·A + 0.0695868
RSD: 0.539 %
Correlation coefficient: 0.999989

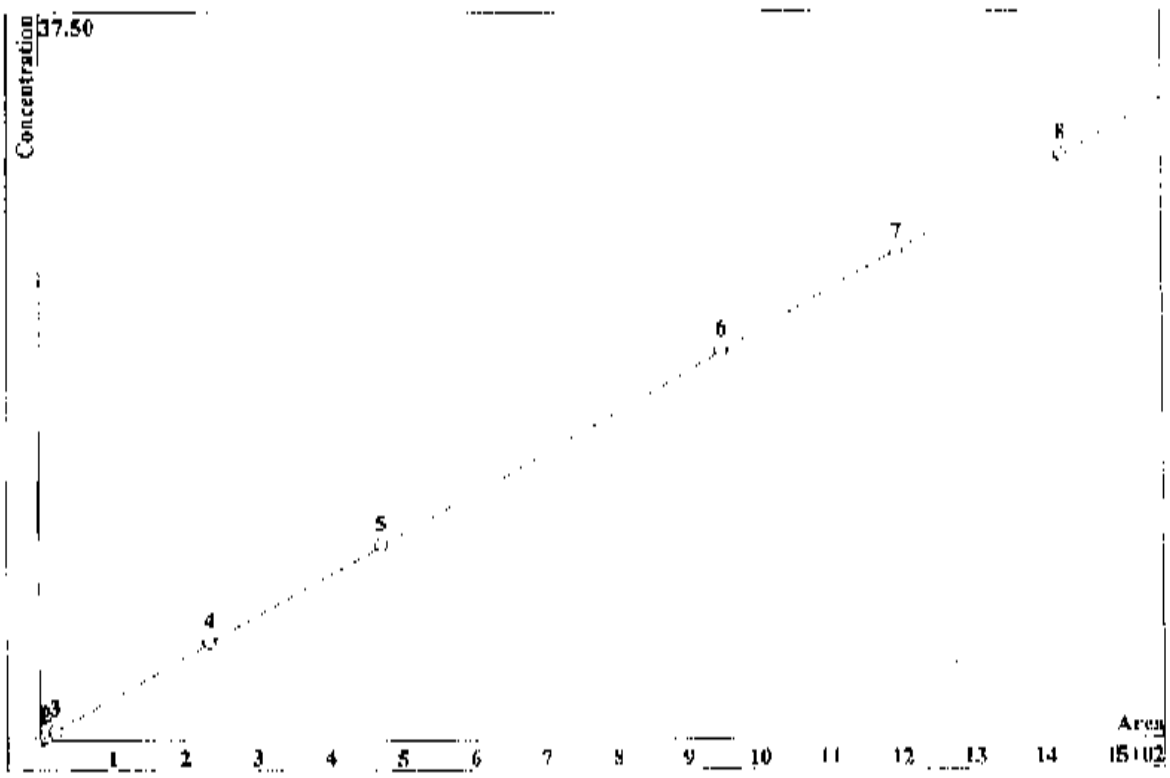


K3 = 0 K2 = 0 K1 = 0.0535554 K0 = 0.0695868
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.1792	1.593 ✓	0.1	1	4.579	Yes	u9281144.chw
2	0.367	3.3 ✓	0.2	1	4.579	Yes	u9281200.chw
3	0.9313	8.236 ✓	0.5	1	4.579	Yes	u9281216.chw
4	10.61	91.02 ✓	5	1	4.579	Yes	u9281232.chw
5	21.31	184.3 ✓	10	1	4.579	Yes	u9281249.chw
6	42.98	370.9 ✓	20	1	4.579	Yes	u9281305.chw
7	53.45	465.4 ✓	25	1	4.579	Yes	u9281321.chw
8	63.97	560.3 ✓	30	1	4.579	Yes	u9281337.chw

CALIBRATION OF COMPONENT nitrate

Method: IC100-I27.mtw
Equation: Q = 0.0209815·A + 0.0543076
RSD: 0.613 %
Correlation coefficient: 0.999986

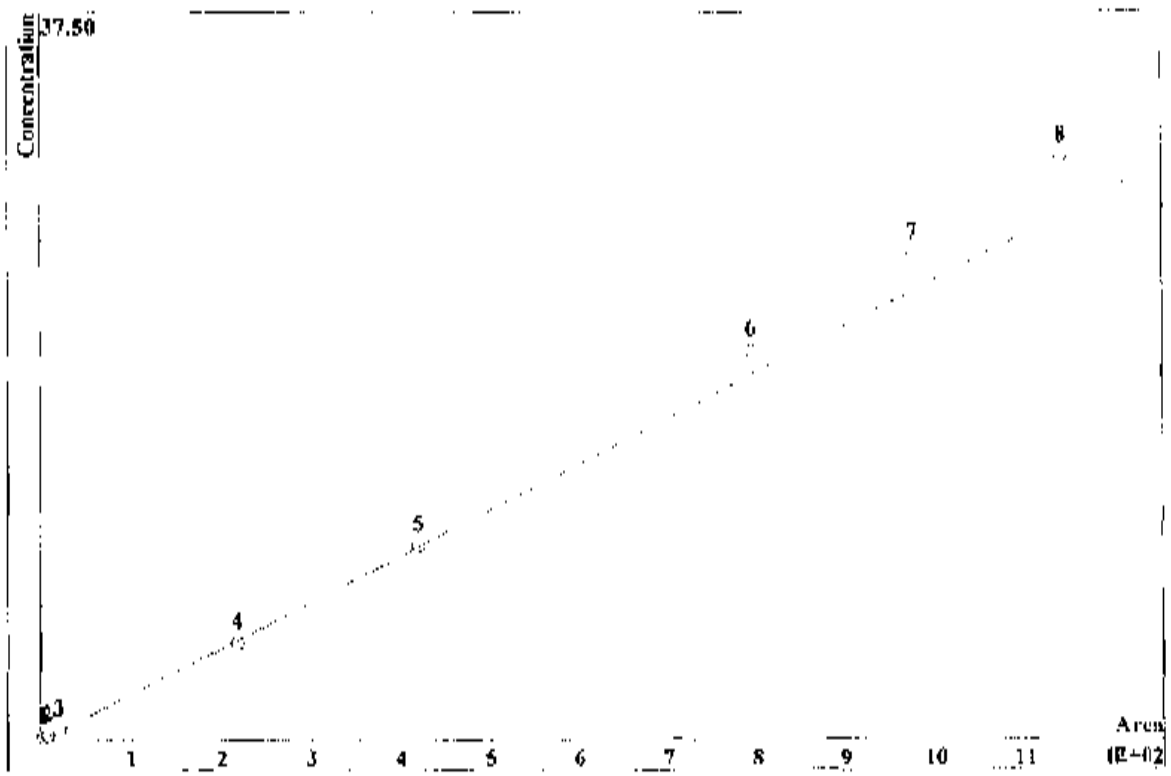


K3 = 0 K2 = 0 K1 = 0.0209815 K0 = 0.0543076
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3154	4.051 ✓	0.1	1	7.256	Yes	u9281144.chw
2	0.6538	8.403 ✓	0.2	1	7.256	Yes	u9281200.chw
3	1.67	20.93 ✓	0.5	1	7.256	Yes	u9281216.chw
4	18.76	233.7 ✓	5	1	7.256	Yes	u9281232.chw
5	37.95	472 ✓	10	1	7.256	Yes	u9281249.chw
6	74.78	947.8 ✓	20	1	7.256	Yes	u9281305.chw
7	90.99	1195 ✓	25	1	7.256	Yes	u9281321.chw
8	104.6	1425 ✓	30	1	7.256	Yes	u9281337.chw

CALIBRATION OF COMPONENT nitrite

Method: IC100-I27.mtw
Equation: C = 0.0236542·A - 0.00300835
RSD: 2.589 %
Correlation coefficient: 0.999867

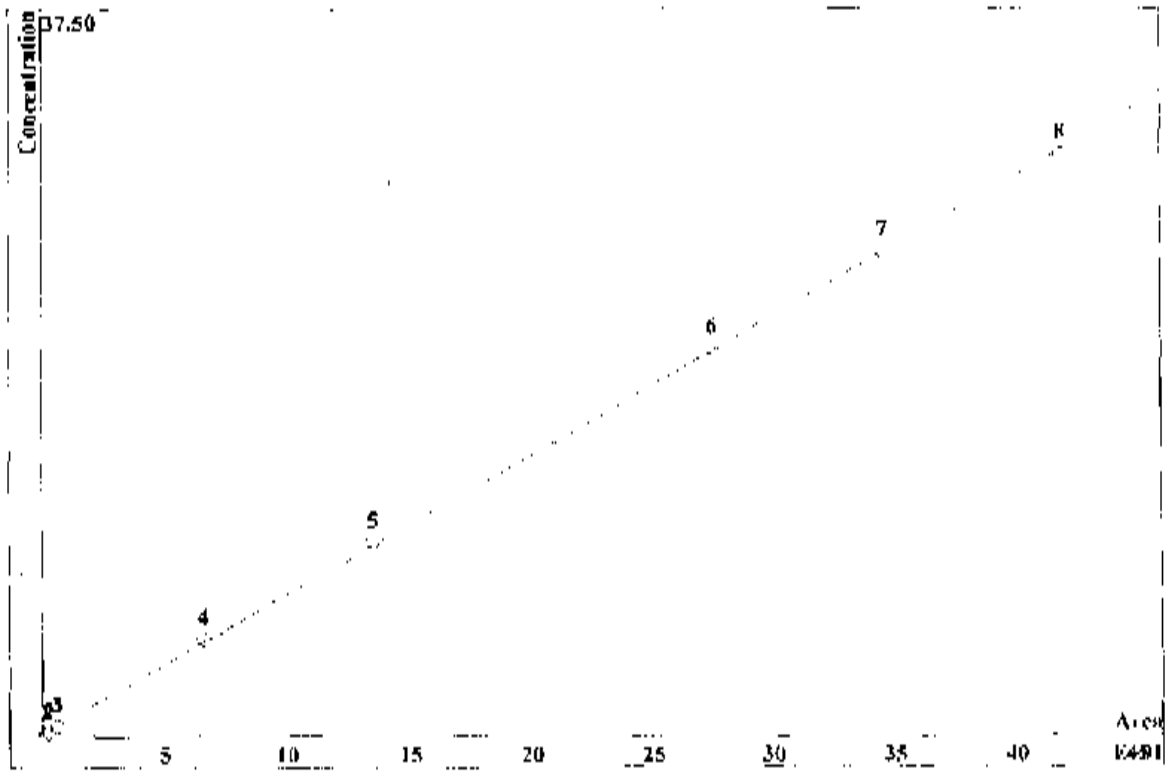


K3 = 0 K2 = 0 K1 = 0.0236542 K0 -0.00300835
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.3663	3.612 ✓	0.1	1	5.264	Yes	u9281144.chw
2	0.778	7.823 ✓	0.2	1	5.264	Yes	u9281200.chw
3	2.016	20.18 ✓	0.5	1	5.264	Yes	u9281216.chw
4	18.73	216.7 ✓	5	1	5.264	Yes	u9281232.chw
5	32.67	420.3 ✓	10	1	5.264	Yes	u9281249.chw
6	54.65	793 ✓	20	1	5.264	No	u9281305.chw
7	63.59	975.1 ✓	25	1	5.264	No	u9281321.chw
8	71.49	1141 ✓	30	1	5.264	No	u9281337.chw

CALIBRATION OF COMPONENT sulfate

Method: IC100 I27.mtw
Equation: Q = 0.0718606·A + 0.124624
RSD: 1.407 %
Correlation coefficient: 0.999525



K3 = 0 K2 = 0 K1 = 0.0718606 K0 = 0.124624
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.06973	1.342 ✓	0.1	1	11.75	Yes	u9281144.chw
2	0.1348	2.615 ✓	0.2	1	11.75	Yes	u9281200.chw
3	0.3215	6.047 ✓	0.5	1	11.75	Yes	u9281216.chw
4	3.564	66 ✓	5	1	11.75	Yes	u9281232.chw
5	7.32	135 ✓	10	1	11.75	Yes	u9281249.chw
6	14.9	274.6 ✓	20	1	11.75	Yes	u9281305.chw
7	18.66	345.2 ✓	25	1	11.75	Yes	u9281321.chw
8	22.48	418.8 ✓	30	1	11.75	Yes	u9281337.chw

RA

SECOND SOURCE VERIFICATION

IC Result Check FormVersion : 101/A101

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetID	DF
A101-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9011506	1
A101-11	ICV	BCSNIPF	95.7%	96.6%	96.7%	99.5%	104.1%	97.3%	105%	u9011758	1
A101-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9011815	1

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IC Result Check FormVersion : I27/AI37

LFID	LSID	Selection	bromide	chloride	sulfate	nitrate	nitrite	phosphate	fluoride	RawNetlb	DF
AI37-01	IB	BCSNIPF	0	0	0	0	0	0	0	u9281112	1
AI37-11	ICV	BCSNIPF	96.2%	98.1%	96.6%	99.7%	102.6%	99%	103.1%	u9281432	1
AI37-12	ICB	BCSNIPF	0	0	0	0	0	0	0	u9281448	1

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2029

DAILY CALIBRATION

IC Result Check FormVersion : I27/A15/

LFID	LSID	Selection	phosphate	sulfate	fluoride	chloride	nitrite	bromide	nitrate	RawNetID	DF
AJ01 01	CCV45	PSFCIBN	101.8%	97.6%	103.9%	99.4%	101.6%	100%	98%	ua011015	1
AJ01-02	CCB45	PSFCIBN	0	0	0	0	0	0	0	ua011033	1
AJ01-13	CCV47	PSFCIBN	101.6%	98%	104.1%	99.6%	101.7%	100.2%	98.2%	ua011353	1
AJ01-14	CCB47	PSFCIBN	0	0	0	0	0	0	0	ua011411	1
AJ01-25	CCV49	PSFCIBN	101.1%	98.3%	103.5%	99.8%	101%	100.4%	98.3%	ua011731	1
AJ01-26	CCB49	PSFCIBN	0	0	0	0	0	0	0	ua011749	1
AJ01-33	CCV51	PSFCIBN	101.7%	98.3%	104.1%	99.8%	101.8%	100.3%	98.1%	ua011956	1
AJ01-34	CCB51	PSFCIBN	0	0	0	0	0	0	0	ua012014	1
AJ01-45	CCV53	PSFCIBN	101.7%	98.6%	104.1%	100%	101.9%	100.4%	99%	ua012334	1
AJ01-46	CCB53	PSFCIBN	0	0	0	0	0	0	0	ua012352	1
AJ01 57	CCV55	PSFCIBN	100.7%	98.6%	104.1%	100.3%	101.8%	100.4%	99.5%	ua020311	1
AJ01-58	CCB55	PSFCIBN	0	0	0	0	0	0	0	ua020330	1
AJ01-69	CCV57	PSFCIBN	101.4%	98.0%	104.8%	100%	102%	100.7%	98.6%	ua020649	1
AJ01-70	CCB57	PSFCIBN	0	0	0	0	0	0	0	ua020707	1
AJ01-81	CCV59	PSFCIBN	101.9%	99.1%	106.2%	100.7%	102.5%	101.2%	99.1%	ua021027	1
AJ01 82	CCB59	PSFCIBN	0	0	0	0	0	0	0	ua021045	1
AJ01-93	CCV61	PSFCIBN	101.1%	99.4%	106%	100.5%	101.6%	101.1%	99%	ua021405	1
AJ01-94	CCB61	PSFCIBN	0	0	0	0	0	0	0	ua021423	1
AJ01-98	CCV63	PSFCIBN	100.8%	99.2%	105.8%	100.6%	101.7%	101.2%	98.9%	ua021536	1
AJ01-99	CCB63	PSFCIBN	0	0	0	0	0	0	0	ua021554	1

IC Result Check Formversion : 101/A101

LFID	LSID	Selection	nitrite	sulfate	fluoride	chloride	bromide	nitrate	phosphate	RawNetID	DF
A133-01	CCV221	ISFCBNP	96.9%	93.2%	102.3%	96.1%	97.9%	91.1%	100.5%	u9240921	1
A133-02	CCB221	ISFCBNP	0	0	0	0	0	0	0	u9240938	1
A133-10	CCV223	ISFCBNP	98.5%	93.7%	102.6%	98.4%	100.8%	92.5%	103.6%	u9241150	1
A133-11	CCB223	ISFCBNP	0	0	0	0	0	0	0	u9241206	1
A133-22	CCV225	ISFCBNP	99.4%	94.9%	102.1%	98.6%	101.2%	92.9%	105.3%	u9241504	1
A133-23	CCB225	ISFCBNP	0	0	0	0	0	0	0	u9241520	1
A133-32	CCV227	ISFCBNP	98.3%	90.1%	103.1%	97.4%	98.1%	90.5%	104.3%	u9241828	1
A133-33	CCB227	ISFCBNP	0	0	0	0	0	0	0	u9241845	1
A133-42	CCV229	ISFCBNP	99.9%	92.8%	104.1%	99.3%	100.7%	92.5%	110%	u9242110	1
A133-43	CCB229	ISFCBNP	0	0	0	0	0	0	0	u9242126	1
A133-51	CCV231	ISFCBNP	99.4%	91.5%	103.4%	99%	100.6%	92.3%	121.2%*	u9242336	1
A133-52	CCB231	ISFCBNP	0	0	0	0	0	0	0	u9242352	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-027
Instrument No.:	100
Pipette ID's:	SW3-01-24
	SW8A-02-12
	SW8A-02-13
Balance ID#:	40706360
Analytical Sequence:	AJ01
Method File:	IC100-127.mtw
Analytical Batch:	IC300W; IC300W; IC300W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	STIB-15-19-1
ICV	STIB-15-20-1
CCV	STIB-15-22-2
LCS	STIB-15-22-3
MS	Prep Spike Refer to LCS Prep ID

IC Eluent:

SW4-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 ml → 2L

SW4-01-172 (100 mM $NaHCO_3$) 12 ml

IC Regenerant:

SW5-01-130 (1000 mM H_2SO_4)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Analyzed By: JC

Date: 10/1/10

8634

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	500.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	500.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	2000.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1000.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	100.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	200.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	50.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	20.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	40.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	53	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	54	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	55	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	56	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	57	1.0	1.0	1.0	100.0	0		

FINAL

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EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A100-027
Instrument No.:	100
Pipette ID's:	SW3-01-24
	SW8A-02-12
	SW8A-02-13
Balance ID#:	40706360
Analytical Sequence:	AI33
Method File:	IC100-IC01.mtw
Analytical Batch:	IC10065W, IC10067W

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI13-15-6-2
ICV	↓ -3
CCV	SI18-15-17-3
LCS	SI18-15-18-1
MS	Non Spec. Refer to Lab Parameter ID

IC Eluent:

Sw4-01-173 (370 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 ml

Sw4-01-172 (100 mM $NaHCO_3$) 12 ml

IC Regenerant:

Sw4-01-180 (1000 mM H_2SO_4)

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Analyzed By: JC

Date: 9/24/10

8036

f1

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	6	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	7	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	8	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	9	1.0	2.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	13	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	14	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	15	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	16	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	17	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	18	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	19	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	20	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	21	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	22	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	23	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	24	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	25	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	26	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	27	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	28	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	29	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	30	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	31	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	32	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	33	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	34	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	35	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	36	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	37	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	38	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	39	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	40	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	41	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	42	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	43	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	44	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	45	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	46	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	47	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	48	1.0	5.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	49	1.0	10.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	50	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	51	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	52	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 — 0.1 ppm

S2 — 0.2 ppm

S3 — 0.5 ppm

S4 — 5.0 ppm

S5 — 10.0 ppm

S6 — 20.0 ppm

S7 — 25.0 ppm

S8 — 30.0 ppm

Linearity (ppm)

F^- — 10 ppm ✓

Cl^- — 30 ppm

NO_2N — 10 ppm ✓

Br^- — 10 ppm ✓

NO_3N — 30 ppm

PO_4P — 10 ppm ✓

SO_4^{2-} — 30 ppm

IC Eluent:

S1001-01-173 (520 mM Na_2CO_3/100 mM $NaHCO_3$) 20 mL

S1001-01-172 (100 mM $NaHCO_3$) 12 mL

IC Regenerant:

[illegible]

Book #: A100-025

Instrument No.: 100

Analytical Sequence: A101

Method File: IC100-101.mtw

Analytical Batch: N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	S1\16-15-6-2
ICV	S1\16-16-6-3
CCV	↓
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Date: 7/1/16

Analyzed By: [illegible]

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible]	[illegible]	[illegible]	1	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	2	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	3	1.0	1.0	1.0	100.0	1		
[illegible]	[illegible]	[illegible]	4	1.0	1.0	1.0	100.0	2		
[illegible]	[illegible]	[illegible]	5	1.0	1.0	1.0	100.0	3		
[illegible]	[illegible]	[illegible]	6	1.0	1.0	1.0	100.0	4		
[illegible]	[illegible]	[illegible]	7	1.0	1.0	1.0	100.0	5		
[illegible]	[illegible]	[illegible]	8	1.0	1.0	1.0	100.0	6		
[illegible]	[illegible]	[illegible]	9	1.0	1.0	1.0	100.0	7		
[illegible]	[illegible]	[illegible]	10	1.0	1.0	1.0	100.0	8		
[illegible]	[illegible]	[illegible]	11	1.0	1.0	1.0	100.0	0		
[illegible]	[illegible]	[illegible]	12	1.0	1.0	1.0	100.0	0		

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Concentrations of:

S1 – 0.1 ppm
S2 – 0.2 ppm
S3 – 0.5 ppm
S4 – 5.0 ppm
S5 – 10.0 ppm
S6 – 20.0 ppm
S7 – 25.0 ppm
S8 – 30.0 ppm

Linearity (ppm)

F^- – 10 ppm
Cl^- – 30 ppm
NO_2^- – 10 ppm
Br^- – 10 ppm
NO_3^- – 30 ppm
PO_4^{3-} – 10 ppm
SO_4^{2-} – 30 ppm

IC Eluent:

SWM-01-173 (320 mM Na_2CO_3 / 100 mM $NaHCO_3$) 20 ml → 2L
SWM-01-172 (100 mM $NaHCO_3$) 12 ml

IC Regenerant:

SWM-01-186 (1000 mM H_2SO_4)

Book #: A100-027
Instrument No.: 100
Pipette ID's: SW3-01-24, SW8A-02-12, SW8A-02-13
Balance ID#: 40706360
Analytical Sequence: AI37
Method File: IC100 - I27.mtw
Analytical Batch: N/A

SOP #	Rev. #
☑ EMAX-300.0	5
☑ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SI18-15-19-3
ICV	SI18-15-20-1
CCV	NA
LCS	↓
MS	↓

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC-METROHM	
☐	

Analyzed By: JC

Date: 9/28/10

9040

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
[illegible].chm	IC100-127.mth	A037-61 IB	1	1.0	1.0	1.0	100.0	0		
[illegible].chm	IC100-127.mth	A037-62 S0	2	1.0	1.0	1.0	100.0	0		
[illegible].chm	IC100-127.mth	A037-63 S1	3	1.0	1.0	1.0	100.0	1		
[illegible].chm	IC100-127.mth	A037-64 S2	4	1.0	1.0	1.0	100.0	2		
[illegible].chm	IC100-127.mth	A037-65 S3	5	1.0	1.0	1.0	100.0	3		
[illegible].chm	IC100-127.mth	A037-66 S4	6	1.0	1.0	1.0	100.0	4		
[illegible].chm	IC100-127.mth	A037-67 S5	7	1.0	1.0	1.0	100.0	5		
[illegible].chm	IC100-127.mth	A037-68 S6	8	1.0	1.0	1.0	100.0	6		
[illegible].chm	IC100-127.mth	A037-69 S7	9	1.0	1.0	1.0	100.0	7		
[illegible].chm	IC100-127.mth	A037-70 S8	10	1.0	1.0	1.0	100.0	8	FINAL	
[illegible].chm	IC100-127.mth	A037-71 ICV	11	1.0	1.0	1.0	100.0	0		
[illegible].chm	IC100-127.mth	A037-72 ICB	12	1.0	1.0	1.0	100.0	0		

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of two (2) water samples were received on 09/24/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for HCI030WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAN SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	HI29003	HI29001	HC1030W	NA	NA
LCS1W	HC1030WL	20.2	1	NA	1.00	0.500	09/29/1014:33	NA	HI29004	HI29001	HC1030W	NA	NA
LCD1W	HC1030WS	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	HI29005	HI29001	HC1030W	NA	NA
MW-70-PMW14B-A10	1370-03	ND	1	NA	1.00	0.500	09/30/1006:58	NA	HI29021	HI29013	HC1030W	09/23/1014:46	09/24/10
MW-70-PMW14B-A10-D	1370-04	ND	1	NA	1.00	0.500	09/30/1013:34	NA	HI29025	HI29023	HC1030W	09/23/1014:56	09/24/10

METHOD 300.0(N)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 10[370

Matrix : WATER
Instrument ID :

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLKSW	MC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	HI29003	HI29C01	HC1030W	NA	NA
LCS1W	MC1030WL	20.2	1	NA	1.00	0.500	09/29/1014:33	NA	HI29004	HI29C01	HC1030W	NA	NA
LCD1W	MC1030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	HI29005	HI29C01	HC1030W	NA	NA
NW-70-PMW148-A10	1370-03	ND	1	NA	1.00	0.500	09/30/1006:58	NA	HI29021	HI29013	HC1050W	09/23/1014:48	09/24/10
NW-70-PMW143-A10-D	1370-04	ND	1	NA	1.00	0.500	09/30/1013:34	NA	HI29025	HI29023	HC1030W	09/23/1014:58	09/24/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, 19 SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID :

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCI030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	HI29003	HI29001	HCI030W	NA	NA
LCS1W	HCI030WL	20.5	1	NA	1.00	0.500	09/29/1014:33	NA	HI29004	HI29001	HCI030W	NA	NA
LCD1W	HCI030WC	20.5	1	NA	1.00	0.500	09/29/1014:54	NA	HI29005	HI29001	HCI030W	NA	NA
MW-70-PMW14B-A10	1370-03	ND	1	NA	1.00	0.500	09/30/1004:58	NA	HI29021	HI29013	HCI030W	09/23/1014:48	09/24/10
MW-70-PMW14B-A10-D	1370-04	ND	1	NA	1.00	0.500	09/30/1013:34	NA	HI29025	HI29023	HCI030W	09/23/1014:58	09/24/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : KWS SEAL BEACH, CR SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID :

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HC1030WB	ND	1	NA	1.00	0.500	09/29/1014:12	NA	HE29003	HE29001	HC1030W	NA	NA
LCS1W	HC1030WL	20.3	1	NA	1.00	0.500	09/29/1014:33	NA	HE29004	HE29001	HC1030W	NA	NA
LCD1W	HC1030WC	20.2	1	NA	1.00	0.500	09/29/1014:54	NA	HE29005	HE29001	HC1030W	NA	NA
MW-70-PMW148-A10	1370-03	ND	1	NA	1.00	0.500	09/30/1006:58	NA	HE29021	HE29013	HC1030W	09/23/1014:48	09/24/10
MW-70-PMW148-A10-D	1370-04	ND	1	NA	1.00	0.500	09/30/1013:34	NA	HE29025	HE29023	HC1030W	09/23/1014:58	09/24/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1030WB HC1030WL HC1030WC
LAB FILE ID: H129003 H129004 H129005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1014:12 09/29/1014:33 09/29/1014:54 DATE RECEIVED: NA
PREP. BATCH: HC1030W HC1030W HC1030W
CALIB. REF: H129001 H129001 H129001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10C37C
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HC1030WB	HC1030WL	HC1030WC		
LAB FILE ID:	H129003	H129004	H129005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1014:12	09/29/1014:33	09/29/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	HC1030W	HC1030W	HC1030W		
CALIB. REF:	H129001	H129001	H129001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	20.2	101	20.0	20.2	101	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEO, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101370
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKIW				
LAB SAMP ID:	HC1030WB	HC1030WL	HC1030WC		
LAB FILE ID:	H129003	H129004	H129005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1014:12	09/29/1014:33	09/29/1014:54	DATE RECEIVED:	NA
PREP. BATCH:	HC1330W	HC1030W	HC1030W		
CALIB. REF:	H129001	H129001	H129001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	20.5	102	20.0	20.5	102	0	90-110	20

ENAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 7C.
BATCH NO.: 101370
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: HC1030WB HC1030WL HC1030WC
LAB FILE ID: H129003 H129004 H129005
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1014:12 09/29/1014:33 09/29/1014:54 DATE RECEIVED: NA
PREP. BATCH: HC1030W HC1030W HC1030W
CALIB. REF: H129001 H129001 H129001

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	20.3	102	20.0	20.2	101	0	90-110	20

INITIAL CALIBRATION

IC SCQ FORM/HI13 (2010)

LFID	LSID	SELCOMP	METHOD	Datetime	DF
HI13001	IB	ABLPY	QA106I13	09/13/1014:36	1
HI13002	S-0	ABLPY	QA106I13	09/13/1014:57	1
HI13003	S-1	ABLPY	QA106I13	09/13/1016:48	1
HI13004	S-2	ABLPY	QA106I13	09/13/1017:16	1
HI13005	S-3	ABLPY	QA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	QA106I13	09/13/1017:58	1
HI13007	S-5	ABLPY	QA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	QA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	QA106I13	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AM
9/17/10

SECOND SOURCE

IC RESULT FORM Calversion: 300M.113/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.094	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.013	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300M.I13/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HI29001	CCV58	ABLPY	102%	102%	104%	102%	110%	09/29/1013:30	1
HI29002	CCB58	ABLPY	ND	ND	ND	ND	ND	09/29/1013:51	1
HI29003	HCI030WB	ABLPY	ND	ND	ND	ND	ND	09/29/1014:12	1
HI29004	HCI030WL	ABLPY	2.02	2.02	2.05	2.03	2.17	09/29/1014:33	1
HI29005	HCI030WC	ABLPY	2.02	2.02	2.05	2.02	2.16	09/29/1014:54	1
HI29006	I305-01	ABLPY	1.51	ND	ND	.722	ND	09/29/1015:17	1
HI29007	I305-02	ABLPY	.018	ND	ND	ND	ND	09/29/1016:23	1
HI29008	I305-02D	ABLPY	.025	ND	ND	ND	ND	09/29/1017:29	1
HI29009	I305-02M	ABLPY	1.03	1.01	1.01	1	1.06	09/29/1018:35	1
HI29010	I387-01	*BLPY	3.06E	ND	ND	2.79	ND	09/29/1019:41	1
HI29011	I387-02	*BLPY	3.98E	.19	ND	.169	ND	09/29/1020:47	1
HI29012	I387-03	ABLPY	ND	ND	ND	ND	ND	09/29/1021:53	1
HI29013	CCV60	ABLPY	99.1%	102%	100%	99.1%	107%	09/29/1022:58	1
HI29014	CCB60	ABLPY	ND	ND	ND	ND	ND	09/30/1000:01	1
HI29015	I307-02	*B**Y	42.5E	2.26	ND	ND	.691	09/30/1000:22	1
HI29016	I307-03	*****	57.4E	36E	ND	74.6E	6.14E	09/30/1001:28	1
HI29017	I307-05	*BLPY	43E	ND	ND	ND	ND	09/30/1002:34	1
HI29018	I307-06	ABLPY	ND	ND	ND	ND	ND	09/30/1003:40	1
HI29019	I307-07	ABLPY	.036	ND	ND	ND	ND	09/30/1004:46	1
HI29020	I307-08	ABLPY	ND	ND	ND	ND	ND	09/30/1005:52	1
HI29021	I370-03	ABLPY	.021	ND	ND	ND	ND	09/30/1006:58	1
HI29022	I370-04	*****	ND	ND	ND	ND	ND	09/30/1008:04	1
HI29023	CCV62	ABLPY	99.5%	100%	98.3%	96.5%	100%	09/30/1012:52	1
HI29024	CCB62	ABLPY	ND	ND	ND	ND	ND	09/30/1013:13	1
HI29025	I370-04	ABLPY	.024	ND	ND	ND	ND	09/30/1013:34	1
HI29026	I246-01	ABLPY	20.8	ND	ND	1.71	ND	09/30/1014:40	10
HI29027	CCV64	ABLPY	97.7%	100%	93.6%	97.9%	97.3%	09/30/1015:21	1
HI29028	CCB64	ABLPY	ND	ND	ND	ND	ND	09/30/1015:42	1

ANALYTICAL LOGS

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H313

Method File: 9A106I3

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: ad

Date: 9/15/10

8065

Sequence HI13
Operator cmadmin

Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:18:34 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos	Inj Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-C	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:46:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

8062

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

EMAX LABORATORIES, INC.

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Note: SW 94-02-013 : 0.0884 → 2L

ICI 0906W: 1305, 1387, 1307, 1390 & 1296

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H129
Method File:	OA106T13
Analytical Batch:	HC1090W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SW 124-02-215	
ICV		216
CCV		219
LCS		220
MS		212

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: OK

Date: 09/29/10 - 09/30/10

0053

Sequence HI29
Operator: cmadmin

Printed: 10/1/2010 1:28:05 PM

Title: Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HI29		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HI29		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HI29		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HI29		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HI29		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HI29		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HI29		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HI29		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HI29		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HI29	001	CCV58	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 1:30:39 PM	1.0000
11	HI29	002	CCB58	Unknown	98	25.0	ORG	OA106I13	Finished	9/29/2010 1:51:38 PM	1.0000
12	HI29	003	HCI030WB	Unknown	97	25.0	ORG	OA106I13	Finished	9/29/2010 2:12:37 PM	1.0000
13	HI29	004	HCI030WL	Unknown	96	25.0	ORG	OA106I13	Finished	9/29/2010 2:33:36 PM	1.0000
14	HI29	005	HCI030WC	Unknown	96	25.0	ORG	OA106I13	Finished	9/29/2010 2:54:34 PM	1.0000
15	HI29	006	I305-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 3:17:36 PM	1.0000
16	HI29	007	I305-02	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 4:23:30 PM	1.0000
17	HI29	008	I305-02D	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 5:29:24 PM	1.0000
18	HI29	009	I305-02M	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 6:35:19 PM	1.0000
19	HI29	010	I387-01	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 7:41:13 PM	1.0000
20	HI29	011	I387-02	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 8:47:06 PM	1.0000
21	HI29	012	I387-03	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	9/29/2010 9:53:00 PM	1.0000
22	HI29	013	CCV60	Unknown	99	25.0	ORG	OA106I13	Finished	9/29/2010 10:58:54 PM	1.0000
23	HI29	014	CCB60	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 12:01:51 AM	1.0000
24	HI29	015	I307-02	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 12:22:49 AM	1.0000
25	HI29	016	I307-03	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:28:43 AM	1.0000
26	HI29	017	I307-05	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 2:34:36 AM	1.0000
27	HI29	018	I307-06	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 3:40:30 AM	1.0000

FINAL

Sequence: HI29
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Comment
1	HI29	
2	HI29	
3	HI29	
4	HI29	
5	HI29	
6	HI29	
7	HI29	
8	HI29	
9	HI29	
10	HI29	
11	HI29	
12	HI29	
13	HI29	
14	HI29	
15	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
20	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
21	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
22	HI29	
23	HI29	
24	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
25	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
26	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
27	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS

FINAL

Sequence: HI29
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D3933091_local
Location: Organic Acid2010
Timebase: CS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by cmadmin
Last Update: 10/1/2010 12:55:45 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj Vol	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HI29	019	I307-07	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 4:46:23 AM	1.0000
29	HI29	020	I307-08	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 5:52:17 AM	1.0000
30	HI29	021	I370-03	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 6:58:10 AM	1.0000
31	HI29	022	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Interrupted	9/30/2010 8:04:04 AM	1.0000
32	HI29	023	CCV62	Unknown	99	25.0	ORG	OA106I13	Finished	9/30/2010 12:52:25 PM	1.0000
33	HI29	024	CCB62	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 1:13:25 PM	1.0000
34	HI29	025	I370-04	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	9/30/2010 1:34:24 PM	1.0000
35	HI29	026	I246-01	Unknown	15	25.0	ORG	OA106I13	Finished	9/30/2010 2:40:17 PM	10.0000
36	HI29	027	CCV64	Unknown	99	25.0	ORG	OA106I13	Finished	9/30/2010 3:21:11 PM	1.0000
37	HI29	028	CCB64	Unknown	98	25.0	ORG	OA106I13	Finished	9/30/2010 3:42:09 PM	1.0000

FINAL

Sequence: HI29
Operator: crradmin

Printed: 10/1/2010 1:28:05 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 37

Created: 9/29/2010 10:53:07 AM by crradmin
Last Update: 10/1/2010 12:55:45 PM by crradmin

No	Sequence	Comment
28	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
29	HI29	SAMPLE WAS PREPPED AT DF=5 PRIOR TO ANALYSIS
30	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HI29	
33	HI29	
34	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HI29	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
36	HI29	
37	HI29	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 2320B
TOTAL ALKALINITY

A total of two (2) water samples were received on 09/24/10 for Alkalinity analysis, Method 2320B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Calibration was performed as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for ALI016WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2320B
TOTAL ALKALINITY

Client : INSIGHT EEC, INC.
Project : KWS SEAL BEACH, ER SITE 7C.
Batch No. : 101370

Matrix : WATER
Instrument ID : ES

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	AL1016WB	ND	1	NA	5.00	1.00	09/29/1015:18	NA	10E5105003	NA	AL1016W	NA	NA
LCS1W	AL1016WL	561	1	NA	5.00	1.00	09/29/1015:28	NA	10E5105004	NA	AL1016W	NA	NA
LCD1W	AL1016WC	581	1	NA	5.00	1.00	09/29/1015:40	NA	10E5105005	NA	AL1016W	NA	NA
MW-7D-PMW143-A10	1370-33	310	1	NA	5.00	1.00	09/29/1017:20	NA	10E5105018	NA	AL1016W	09/23/1014:48	09/24/10
MW-7D-PMW143-A10-D	1370-34	310	1	NA	5.00	1.00	09/29/1017:28	NA	10E5105019	NA	AL1016W	09/23/1014:58	09/24/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT GEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 2320B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKIW				
LAB SAMP ID:	AL1016WB	AL1016WL	AL1016WC		
LAB FILE ID:	10E5105003	10E5105004	10E5105005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/29/1015:18	09/29/1015:28	09/29/1015:40	DATE RECEIVED:	NA
PREP. BATCH:	AL1016W	AL1016W	AL1016W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Total Alkalinity	ND	576	581	101	576	581	101	0	80-120	20

02079

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples and relevent QCs/Standards analyzed, refer to attached analytical sequence

Comments:

MS/MSD amount of spike: N/A

Method 232mB for SDG: I305, I849, I370, I860, I863,

Book#: AAL-028

Instrument No.: ☐ 53 ☐ 97 ☒ E5

Analytical Batch: 10E5I05

Analytical Sequence: AL1016; AL1017

SOP #	Rev. #
☒ EMAX-310.1	4
☒ EMAX-2320B	2
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SW1-01-258	576
MS/MSD NA	NA
ICV NA	NA
0.02N HCL SWP1-01-254	0.02

pH Buffer	ID
pH 4	SW1-01-257
pH 7	SW1-01-263
pH 10	SW1-01-251
pH Check	SW1-01-262

Analyzed By: RC

Date: 9/29/10

PC-TitratION PLUS

pH and Alkalinity In-Run Report

Run Number 475 **Analytical Batch#** 10ESI05

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
1	ICV PH8	10ESI05	09/29/2010	3:08 PM	7.97	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
2	RINSE	10ESI05	09/29/2010	3:13 PM	6.33	.00	.06	.08	.00	1.61	1.61	.00	.00	
3	ALI016WB	10ESI05	09/29/2010	3:18 PM	5.36	.00	.02	.04	.00	.18	.18	.00	.00	
4	ALI016WL	10ESI05	09/29/2010	3:28 PM	8.97	6.57	14.54	-1.00	342.73	581.48	.00	477.51	103.97	
5	ALI016WC	10ESI05	09/29/2010	3:40 PM	8.98	6.61	14.53	-1.00	344.23	581.25	.00	474.05	107.20	
6	I376-01	10ESI05	09/29/2010	3:47 PM	6.76	.00	4.73	-1.00	.00	189.39	189.39	.00	.00	
7	I305-01	10ESI05	09/29/2010	3:59 PM	6.44	.00	17.32	-1.00	.00	692.75	692.75	.00	.00	
8	I305-02	10ESI05	09/29/2010	4:06 PM	7.31	.00	5.38	-1.00	.00	215.04	215.04	.00	.00	
9	I305-02D	10ESI05	09/29/2010	4:13 PM	7.37	.00	5.40	-1.00	.00	216.08	216.08	.00	.00	
10	I849-01	10ESI05	09/29/2010	4:20 PM	7.51	.00	4.12	-1.00	.00	164.66	164.66	.00	.00	
11	I849-02	10ESI05	09/29/2010	4:27 PM	7.54	.00	4.11	-1.00	.00	164.35	164.35	.00	.00	
12	I849-03	10ESI05	09/29/2010	4:36 PM	7.66	.00	4.11	-1.00	.00	164.38	164.38	.00	.00	
13	I849-04	10ESI05	09/29/2010	4:43 PM	7.72	.00	4.08	-1.00	.00	163.11	163.11	.00	.00	
14	I849-05	10ESI05	09/29/2010	4:50 PM	7.48	.00	4.11	-1.00	.00	164.57	164.57	.00	.00	
15	I849-06	10ESI05	09/29/2010	4:57 PM	7.48	.00	4.11	-1.00	.00	164.38	164.38	.00	.00	
16	I849-07	10ESI05	09/29/2010	5:04 PM	7.56	.00	4.12	-1.00	.00	164.86	164.86	.00	.00	
17	I849-08	10ESI05	09/29/2010	5:11 PM	7.75	.00	4.11	-1.00	.00	164.24	164.24	.00	.00	
18	I370-03	10ESI05	09/29/2010	5:20 PM	7.45	.00	7.74	-1.00	.00	309.76	309.76	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/30/10

PC-TitratION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW
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Run Number 475 **Analytical Batch#** 10E5I05

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
19	I370-04	10E5I05	09/29/2010	5:28 PM	7.52	.00	7.76	-1.00	.00	310.35	310.35	.00	.00	
20	I860-01	10E5I05	09/29/2010	5:35 PM	7.77	.00	4.61	-1.00	.00	184.51	184.51	.00	.00	
21	I860-02	10E5I05	09/29/2010	5:42 PM	7.74	.00	4.59	-1.00	.00	183.77	183.77	.00	.00	
22	I860-03	10E5I05	09/29/2010	5:51 PM	7.71	.00	4.61	-1.00	.00	184.30	184.30	.00	.00	
23	I860-04	10E5I05	09/29/2010	5:56 PM	7.67	.00	4.60	-1.00	.00	183.82	183.82	.00	.00	
24	I863-01	10E5I05	09/29/2010	6:05 PM	7.62	.00	4.09	-1.00	.00	163.73	163.73	.00	.00	
25	I863-02	10E5I05	09/29/2010	6:13 PM	7.62	.00	4.10	-1.00	.00	163.95	163.95	.00	.00	
26	RINSE	10E5I05	09/29/2010	6:18 PM	5.97	.00	.04	.08	.00	-.01	-.01	.00	.00	
27	ALI017WB	10E5I05	09/29/2010	6:24 PM	5.62	.00	.03	.07	.00	.06	.06	.00	.00	
28	ALI017WL	10E5I05	09/29/2010	6:36 PM	9.07	9.52	14.38	-1.00	381.00	574.39	.00	386.77	187.61	
29	ALI017WC	10E5I05	09/29/2010	6:47 PM	9.07	9.61	14.37	-1.00	384.40	574.97	.00	381.16	193.82	
30	I270-05	10E5I05	09/29/2010	6:55 PM	7.61	.00	6.13	-1.00	.00	245.36	245.36	.00	.00	
31	I329-02	10E5I05	09/29/2010	7:05 PM	8.25	.00	12.45	-1.00	.00	498.06	498.06	.00	.00	
32	I329-02D	10E5I05	09/29/2010	7:16 PM	8.24	.00	12.49	-1.00	.00	499.75	499.75	.00	.00	
33	I329-03	10E5I05	09/29/2010	7:25 PM	8.22	.00	12.45	-1.00	.00	498.17	498.17	.00	.00	
34	I329-04	10E5I05	09/29/2010	7:35 PM	8.26	.00	12.21	-1.00	.00	488.22	488.22	.00	.00	
35	I329-05	10E5I05	09/29/2010	7:46 PM	8.18	.00	12.54	-1.00	.00	501.51	501.51	.00	.00	
36	I341-02	10E5I05	09/29/2010	7:53 PM	7.34	.00	2.13	-1.00	.00	85.09	85.09	.00	.00	
37	I341-03	10E5I05	09/29/2010	8:00 PM	7.37	.00	2.03	-1.00	.00	81.30	81.30	.00	.00	
38	I341-04	10E5I05	09/29/2010	8:07 PM	7.16	.00	7.18	-1.00	.00	287.21	287.21	.00	.00	

Analyzed by: RC Reviewed by: RC Date: 9/30/10

PC-TitraTION PLUS by Man-Tech Associates, Inc.

pH AND ALKALINITY IN-RUN REPORT.SRW

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Run Number 475 **Analytical Batch#** 10E5I05

Seq. #	SampleID	Data File Name	RunDate	RunTime	pH	Volume @pH 8.3	Volume @pH 4.5	Volume @pH 4.2	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm	Review Notes
39	I341-05	10E5I05	09/29/2010	8:20 PM	7.48	.00	18.43	-1.00	.00	737.03	737.03	.00	.00	
40	I341-06	10E5I05	09/29/2010	8:31 PM	7.82	.00	13.97	-1.00	.00	558.92	558.92	.00	.00	
41	I341-07	10E5I05	09/29/2010	8:38 PM	7.60	.00	6.95	-1.00	.00	277.88	277.88	.00	.00	
42	I341-09	10E5I05	09/29/2010	8:49 PM	7.67	.00	12.11	-1.00	.00	484.36	484.36	.00	.00	
43	I341-10	10E5I05	09/29/2010	8:56 PM	7.62	.00	6.49	-1.00	.00	259.68	259.68	.00	.00	
44	I341-11	10E5I05	09/29/2010	9:06 PM	7.63	.00	14.53	-1.00	.00	581.03	581.03	.00	.00	
45	I347-02	10E5I05	09/29/2010	9:16 PM	8.27	.00	10.41	-1.00	.00	416.43	416.43	.00	.00	
46	I347-03	10E5I05	09/29/2010	9:24 PM	8.13	.00	7.24	-1.00	.00	289.77	289.77	.00	.00	
47	I347-04	10E5I05	09/29/2010	9:34 PM	8.25	.00	8.54	-1.00	.00	341.61	341.61	.00	.00	
48	I347-05	10E5I05	09/29/2010	9:43 PM	7.94	.00	13.56	-1.00	.00	542.24	542.24	.00	.00	
49	I347-06	10E5I05	09/29/2010	9:54 PM	8.29	.00	12.10	-1.00	.20	483.98	483.58	.40	.00	
50	RINSE	10E5I05	09/29/2010	10:01 PM	6.51	.00	.05	.10	.00	.46	.46	.00	.00	

Analyzed by: RC

Reviewed by: RC

Date: 9/30/10

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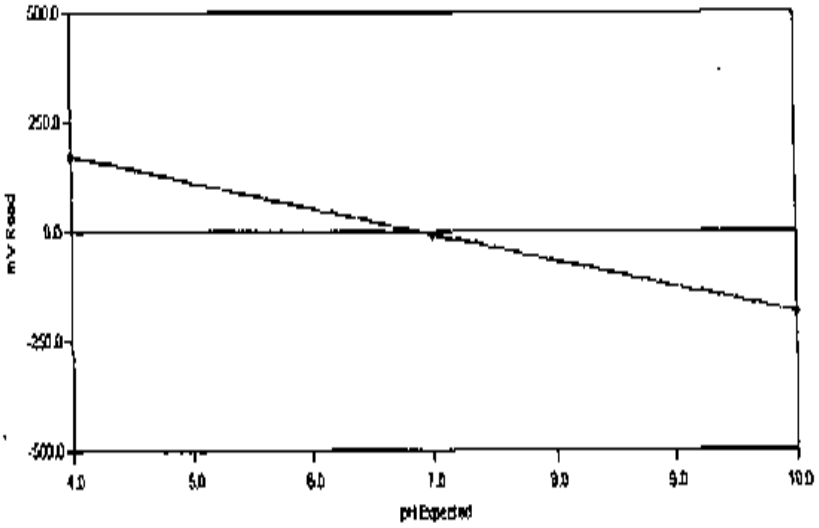
PC-TitratION PLUS
Calibration Report

Calibration Record # 213



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	09/29/2010
Channel	1	Time	3:05 PM
Probe Type	pH	Temperature	297.37 K 24.22 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.528	CorrCoeff	1.0000
Intercept	-5.817	Equation: Y = (-59.528) X + (-5.817)	

Calibration Validity True Operator

	Result	Minimum	Maximum
Slope	-59.528	-65.00	-53.00
Intercept	-5.817	-40.00	40.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	**Standard**	**Reading**
	4.00	173.46
	7.00	-7.20
	10.00	-183.71

CALRPRT.SRW
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PC-Titrate For Windows

Running List Report

Order Number - 10E5I05

	Schedule	Sample Id	Vial	Weight	Volume
1	PH CAL	CAL	1	.00	25.00
2	PH ONLY	ICV PH8	4	.00	25.00
3	PH-ALK	RINSE	5	.00	25.00
4	PH-ALK	ALI016WB	6	.00	25.00
5	PH-ALK	ALI016WL	7	.00	25.00
6	PH-ALK	ALI016WC	8	.00	25.00
7	PH-ALK	I376-01	9	.00	25.00
8	PH-ALK	I305-01	10	.00	25.00
9	PH-ALK	I305-02	11	.00	25.00
10	PH-ALK	I305-02D	12	.00	25.00
11	PH-ALK	I849-01	13	.00	25.00
12	PH-ALK	I849-02	14	.00	25.00
13	PH-ALK	I849-03	15	.00	25.00
14	PH-ALK	I849-04	16	.00	25.00
15	PH-ALK	I849-05	17	.00	25.00
16	PH-ALK	I849-06	18	.00	25.00
17	PH-ALK	I849-07	19	.00	25.00
18	PH-ALK	I849-08	20	.00	25.00
19	PH-ALK	I370-03	21	.00	25.00
20	PH-ALK	I370-04	22	.00	25.00
21	PH-ALK	I860-01	23	.00	25.00
22	PH-ALK	I860-02	24	.00	25.00
23	PH-ALK	I860-03	25	.00	25.00
24	PH-ALK	I860-04	26	.00	25.00
25	PH-ALK	I863-01	27	.00	25.00
26	PH-ALK	I863-02	28	.00	25.00
27	PH-ALK	RINSE	29	.00	25.00
28	PH-ALK	ALI017WB	30	.00	25.00
29	PH-ALK	ALI017WL	31	.00	25.00
30	PH-ALK	ALI017WC	32	.00	25.00
31	PH-ALK	I270-05	33	.00	25.00
32	PH-ALK	I329-02	34	.00	25.00
33	PH-ALK	I329-02D	35	.00	25.00
34	PH-ALK	I329-03	36	.00	25.00
35	PH-ALK	I329-04	37	.00	25.00
36	PH-ALK	I329-05	38	.00	25.00
37	PH ALK	I341-02	39	.00	25.00
38	PH-ALK	I341-03	40	.00	25.00
39	PH-ALK	I341-04	41	.00	25.00
40	PH-ALK	I341-05	42	.00	25.00

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Running List Report

Order Number - 10E5I05

	Schedule	Sample Id	Vial	Weight	Volume
41	PH-ALK	I341-06	43	.00	25.00
42	PH-ALK	I341-07	44	.00	25.00
43	PH-ALK	I341-09	45	.00	25.00
44	PH-ALK	I341-10	46	.00	25.00
45	PH-ALK	I341-11	47	.00	25.00
46	PH-ALK	I347-02	48	.00	25.00
47	PH-ALK	I347-03	49	.00	25.00
48	PH-ALK	I347-04	50	.00	25.00
49	PH-ALK	I347-05	51	.00	25.00
50	PH-ALK	I347-06	52	.00	25.00
51	PH-ALK	RINSE	53	.00	25.00

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CASE NARRATIVE

Client : INSIGHT REC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD 2540C
TOTAL DISSOLVED SOLIDS

A total of two (2) water samples were received on 09/24/10 for Total Dissolved Solids analysis, Method 2540C in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Balance calibration was checked as prescribed by the method. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG. Percent recoveries for TDI012WL/C were all within QC limits.

Matrix QC Sample
Sample duplicate was analyzed with the samples in this SDG. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 2540C
TOTAL DISSOLVED SOLIDS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID : 40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	D.F	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TD1012WB	ND	1	NA	20.0	5.00	09/27/1013:41	NA	TD101201	NA	TD1012W	NA	NA
LCS1W	TD1012WL	970	1	NA	20.0	5.00	09/27/1013:41	NA	TD101202	NA	TD1012W	NA	NA
LCD1W	TD1012WC	955	1	NA	20.0	5.00	09/27/1013:41	NA	TD101203	NA	TD1012W	NA	NA
MW-70-PMW148-A10	1370-03	6780	1	NA	20.0	5.00	09/27/1013:41	NA	TD101204	NA	TD1012W	09/23/1014:48	09/24/10
MW-70-PMW148-A10-D	1370-04	6600	1	NA	20.0	5.00	09/27/1013:41	NA	TD101205	NA	TD1012W	09/23/1014:58	09/24/10
MW-70-PMW148-A10-DUP	1370-04D	6580	1	NA	20.0	5.00	09/27/1013:41	NA	TD101206	NA	TD1012W	09/23/1014:58	09/24/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD 2540C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1L				
LAB SAMP ID:	TD1312WB	TD1012WL	TD1312WC		
LAB FILE ID:	TD101201	TD101202	TD101203		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	09/27/1013:41	09/27/1013:41	09/27/1013:41	DATE RECEIVED:	NA
PREP. BATCH:	TD1012W	TD1012W	TD1012W		
CALIB. REF:	NA	NA	NA		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TDS	ND	1000	970	97	1000	955	96	2	80-120	20

0280

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, CR STTE 7D.
BATCH NO.: 10C370
METHOD: METHOD 2540C

==========

MATRIX: WATER | % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: NW-7D-PMW14B-A10-D
EMAX SAMP ID: 1370-04 1370-04D
LAB FILE ID: TD10C1205 TD101206
DATE EXTRACTED: NA NA | DATE COLLECTED: 09/23/10 14:58
DATE ANALYZED: 09/27/1013:41 09/27/1013:41 | DATE RECEIVED: 09/24/10
PREP. BATCH: TD10C12W TD10C12W
CALIB. REF: NA NA

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	DUPL RSLT (mg/L)	RPD RSLT %	QC LIMIT (%)
TDS	6600	6580	0	5

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG for GRAVIMETRIC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AGV-041

Balance ID: 40706360

Analytical Batch: T0612

SOP #	Rev. #
☑ EMAX-160.1	5
☐ EMAX-160.2	3
☐ EMAX-160.3	2
☐ EMAX-2540B	1
☑ EMAX-2540C	4
☐ EMAX-2540D	0

STANDARDS ID	CONC. (mg/L)
LCS SW 1-01-266	1000

Analyzed By: [illegible]

Date: 9/24/10

GRAVIMETRIC ANALYSES
RAW DATA

EMAX LABORATORIES, INC.

Analytical Bal

Instrument ID: 40706360 | Oven Temp IN (°C): 180 | Oven Temp OUT (°C): 180 | SOP: EMAX160 | Rev. 3

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 1st & 2nd Dry Wt. Diff.	Difference 2nd & 3rd Dry Wt. Diff. (<0.5mg)	NOTES
TDS1201	TDS1201B	100	B	70.1727	09/27/10	13:41	70.1705	09/29/10	12:07	70.1703	09/29/10	13:57	70.1703	09/29/10	13:57	-0.0002	0.0	
TDS1202	TDS1202A	20	A	13.1797	09/27/10	13:42	13.1991	09/29/10	12:06	13.1991	09/29/10	13:57	13.1991	09/29/10	13:57	0	0.0	
TDS1203	TDS1203C	20	C	13.2652	09/27/10	13:42	13.2643	09/29/10	12:06	13.2644	09/29/10	13:58	13.2643	09/29/10	13:58	0.0001	0.1	
TDS1204	370-03	20	1	13.2017	09/27/10	13:42	13.3383	09/29/10	12:09	13.3367	09/29/10	13:59	13.3367	09/29/10	13:59	0.0004	0.0	
TDS1205	370-04	20	2	13.2623	09/27/10	13:43	13.394	09/29/10	12:35	13.3943	09/29/10	13:59	13.3943	09/29/10	14:00	0.0003	0.0	
TDS1206	370-04D	20	3	13.2240	09/27/10	13:43	13.3553	09/29/10	12:09	13.3556	09/29/10	14:00	13.3556	09/29/10	14:00	0.0003	0.0	
TDS1207	348-02	20	4	13.2041	09/27/10	13:43	13.2159	09/29/10	12:10	13.2159	09/29/10	14:00	13.2159	09/29/10	14:00	0.0	0.0	
TDS1208	348-02D	20	5	13.2983	09/27/10	13:44	13.3961	09/29/10	12:10	13.3959	09/29/10	14:01	13.3959	09/29/10	14:01	-0.0002	0.0	
TDS1209	348-03	50	6	29.5414	09/27/10	13:44	29.5798	09/29/10	12:11	29.58	09/29/10	14:02	29.5798	09/29/10	14:02	0.0002	0.2	
TDS1210	348-04	20	7	13.2433	09/27/10	13:45	13.2663	09/29/10	12:12	13.2661	09/29/10	14:02	13.2661	09/29/10	14:02	-0.0002	0.0	
TDS1211	348-05	20	8	13.1746	09/27/10	13:45	13.1961	09/29/10	12:12	13.1958	09/29/10	14:03	13.1958	09/29/10	14:03	-0.0003	0.0	
TDS1212	348-06	20	9	13.1532	09/27/10	13:45	13.1696	09/29/10	12:13	13.1693	09/29/10	14:03	13.1693	09/29/10	14:03	-0.0003	0.0	
TDS1213	347-02	50	10	29.5532	09/27/10	13:47	29.5821	09/29/10	12:13	29.5823	09/29/10	14:04	29.5823	09/29/10	14:04	0.0002	0.0	
TDS1214	347-03	100	11	70.7075	09/27/10	13:47	70.7529	09/29/10	12:14	70.7528	09/29/10	14:04	70.7528	09/29/10	14:04	-0.0001	0.0	
TDS1215	347-04	100	12	70.4513	09/27/10	13:47	70.5031	09/29/10	12:14	70.5033	09/29/10	14:05	70.5033	09/29/10	14:05	0.0002	0.0	
TDS1216	347-05	50	13	29.7383	09/27/10	13:48	29.774	09/29/10	12:15	29.7737	09/29/10	14:05	29.7737	09/29/10	14:05	-0.0003	0.0	
TDS1217	347-06	50	14	29.9205	09/27/10	13:48	29.9527	09/29/10	12:15	29.9527	09/29/10	14:06	29.9527	09/29/10	14:06	0	0.0	
TDS1218	329-02	50	15	75.3451	09/27/10	13:49	75.3764	09/29/10	12:16	75.3761	09/29/10	14:06	75.376	09/29/10	14:06	-0.0003	0.1	
TDS1219	329-03	50	16	71.4885	09/27/10	13:49	71.5199	09/29/10	12:17	71.5197	09/29/10	14:07	71.5197	09/29/10	14:07	-0.0002	0.0	
TDS1220	329-04	50	17	72.6637	09/27/10	13:50	72.6987	09/29/10	12:17	72.6984	09/29/10	14:08	72.6984	09/29/10	14:08	-0.0003	0.0	
TDS1221	329-05	50	18	71.2259	09/27/10	13:50	71.2578	09/29/10	12:17	71.2575	09/29/10	14:08	71.2575	09/29/10	14:08	-0.0003	0.0	
TDS1222	349-01	50	19	72.4565	09/27/10	13:50	72.5098	09/29/10	12:18	72.5096	09/29/10	14:09	72.5096	09/29/10	14:09	-0.0002	0.0	
TDS1223	1976-03	20	20	13.2983	09/27/10	13:51	13.2953	09/29/10	12:18	13.2951	09/29/10	14:10	13.2951	09/29/10	14:10	-0.0002	0.0	

9/29/10

Beginning Balance Check			
Std Weight (g)	Balance Reg (g)	Date	Comments
1	1.0000	9/27/10 13:40	PASSED
100	99.9904	9/27/10 13:41	PASSED

Ending Balance Check			
Std Weight (g)	Balance Reg (g)	Date	Comments
1	0.9999	9/29/10 13:51	PASSED
100	99.9930	9/29/10 13:51	PASSED

Beginning Balance Check			
Std Weight (g)	Balance Reg (g)	Date	Comments
1	0.9997	9/29/10 12:06	PASSED
100	99.9920	9/29/10 12:06	PASSED

Ending Balance Check			
Std Weight (g)	Balance Reg (g)	Date	Comments
1	0.9999	9/29/10 14:10	PASSED
100	99.9922	9/29/10 14:10	PASSED

Acceptance Criteria: 0.1% 0.5 0.05 mg whichever is greater

LCS Conc. 100 mg/L MDL 5 mg/L RL 10 mg/L Initial Reg by: PP Final Reg by: PP Reviewed by: Date: 10/7/10

Remarks: H20-03 Bottle #15

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDI012 | Start Date/Time: 09/27/10 13:41 | Temp IN(°C): 180

Balance ID: 40706360 | End Date/Time: 09/29/10 14:08 | Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDI01201	TDI012WB	100	70.1727	70.1703	-2.4000	ND	
TDI01202	TDI012WL	20	13.1797	13.1991	19.4000	970	97
TDI01203	TDI012WC	20	13.2652	13.2843	19.1000	955	96
TDI01204	I370-03	20	13.2011	13.3367	135.6000	6780	
TDI01205	I370-04	20	13.2623	13.3943	132.0000	6600	
TDI01206	I370-04D	20	13.224	13.3556	131.6000	6580	
TDI01207	I348-02	20	13.2011	13.219	17.9000	895	
TDI01208	I348-02D	20	13.2983	13.316	17.7000	885	
TDI01209	I348-03	50	29.5414	29.5798	38.4000	768	
TDI01210	I348-04	20	13.2433	13.2651	21.8000	1090	
TDI01211	I348-05	20	13.1745	13.1958	21.3000	1070	
TDI01212	I348-06	20	13.1532	13.1693	16.1000	805	
TDI01213	I347-02	50	29.5532	29.5823	29.1000	582	
TDI01214	I347-03	100	70.7075	70.7528	45.3000	453	
TDI01215	I347-04	100	70.4513	70.5033	52.0000	520	
TDI01216	I347-05	50	29.7383	29.7737	35.4000	708	
TDI01217	I347-06	50	29.9206	29.9527	32.1000	642	
TDI01218	I329-02	50	76.3451	76.376	30.9000	618	
TDI01219	I329-03	50	71.4865	71.5197	31.2000	624	
TDI01220	I329-04	50	72.6677	72.6984	30.7000	614	
TDI01221	I329-05	50	71.2258	71.2575	31.7000	634	
TDI01222	I349-01	50	72.4866	72.5096	23.1000	462	
TDI01223	H205-03	20	13.2583	13.2881	19.8000	990	
							9/24/10

LCS Concentration: 1000 mg/L | MDL(mg/L): 5 | Initial Reading by: PP / MM

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: PP / MM

Remarks: H205-03 Bottle # 10

Reviewed by: MM

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std. Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	200.09	9/27/10 8:49	200.03	9/27/10 8:51	200.03	9/27/10 8:52	199.8	200.2	200g Check Passed
10203192	31116	100	100.08	9/27/10 8:50	100.02	9/27/10 8:51	100.02	9/27/10 8:52	99.9	100.1	100g Check Passed
10203192	31116	50	50	9/27/10 8:50	50.01	9/27/10 8:51	50.01	9/27/10 8:52	49.95	50.05	50g Check Passed
10203192	31116	30	30	9/27/10 8:50	30.01	9/27/10 8:51	30.01	9/27/10 8:52	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/27/10 8:51	1	9/27/10 8:52	1	9/27/10 8:53	0.999	1.001	1g Check Passed
10304418	31116	200	199.99	9/27/10 8:54	199.99	9/27/10 8:54	199.99	9/27/10 8:55	199.8	200.2	200g Check Passed
10304418	31116	100	99.99	9/27/10 8:54	100	9/27/10 8:54	99.98	9/27/10 8:55	99.9	100.1	100g Check Passed
10304418	31116	50	49.99	9/27/10 8:54	50	9/27/10 8:54	49.97	9/27/10 8:55	49.95	50.05	50g Check Passed
10304418	31116	30	30	9/27/10 8:54	30	9/27/10 8:55	30.01	9/27/10 8:55	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/27/10 8:54	1	9/27/10 8:55	1	9/27/10 8:56	0.999	1.001	1g Check Passed
40706360	31116	150	149.9893	9/27/10 8:57	149.9892	9/27/10 8:58	149.9891	9/27/10 8:59	149.85	150.15	150g Check Passed
40706360	31116	100	99.9925	9/27/10 8:57	99.9927	9/27/10 8:58	99.9926	9/27/10 8:59	99.9	100.1	100g Check Passed
40706360	31116	50	49.9963	9/27/10 8:57	49.9964	9/27/10 8:58	49.9964	9/27/10 9:00	49.95	50.05	50g Check Passed
40706360	31116	30	29.9978	9/27/10 8:57	29.9978	9/27/10 8:59	29.9977	9/27/10 9:00	29.97	30.03	30g Check Passed
40706360	31116	1	0.9998	9/27/10 8:58	0.9996	9/27/10 8:59	0.9997	9/27/10 9:00	0.999	1.001	1g Check Passed
10601202	31116	200	199.986	9/27/10 9:01	199.98	9/27/10 9:01	199.972	9/27/10 9:02	199.8	200.2	200g Check Passed
10601202	31116	100	99.997	9/27/10 9:01	99.991	9/27/10 9:02	99.995	9/27/10 9:02	99.9	100.1	100g Check Passed
10601202	31116	50	49.997	9/27/10 9:01	49.995	9/27/10 9:02	49.993	9/27/10 9:02	49.95	50.05	50g Check Passed
10601202	31116	30	30.004	9/27/10 9:01	30.001	9/27/10 9:02	29.999	9/27/10 9:02	29.97	30.03	30g Check Passed
10601202	31116	1	1	9/27/10 9:01	0.999	9/27/10 9:02	0.999	9/27/10 9:02	0.999	1.001	1g Check Passed
Nothing follows		200							199.8	200.2	
		100							99.9	100.1	
		50							49.95	50.05	
		30							29.97	30.03	
		1							0.999	1.001	SF 9/27/10

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00 =200 or 200.0010=200.001)

Reviewed by: [illegible]

Date: 9/27/10

Acceptance Limit ± 0.1%

Bal. Checked by: SF

BALANCE CALIBRATION CHECK

Balance ID	Std Weight ID	Std Wt (g)	Rdg 1	Date/Time	Rdg 2	Date/Time	Rdg 3	Date/Time	LowerLimit	HigherLimit	Comments
10203192	31116	200	199.9	9/29/10 8:47	200.02	9/29/10 8:48	200.01	9/29/10 8:48	199.6	200.2	200g Check Passed
10203192	31116	100	100.01	9/29/10 8:47	99.99	9/29/10 8:48	100.01	9/29/10 8:48	99.9	100.1	100g Check Passed
10203192	31116	50	50.01	9/29/10 8:47	50	9/29/10 8:48	49.99	9/29/10 8:48	49.95	50.05	50g Check Passed
10203192	31116	30	30.01	9/29/10 8:47	30.02	9/29/10 8:48	30	9/29/10 8:48	29.97	30.03	30g Check Passed
10203192	31116	1	1	9/29/10 8:48	1	9/29/10 8:48	1	9/29/10 8:50	0.999	1.001	1g Check Passed
10304418	31116	200	200	9/29/10 8:53	200	9/29/10 8:54	200.01	9/29/10 8:54	199.8	200.2	200g Check Passed
10304418	31116	100	100	9/29/10 8:53	100	9/29/10 8:54	99.99	9/29/10 8:54	99.9	100.1	100g Check Passed
10304416	31116	50	50	9/29/10 8:53	50	9/29/10 8:54	49.99	9/29/10 8:54	49.95	50.05	50g Check Passed
10304418	31116	30	30.01	9/29/10 8:53	30	9/29/10 8:54	30	9/29/10 8:54	29.97	30.03	30g Check Passed
10304418	31116	1	1	9/29/10 8:54	1	9/29/10 8:54	1	9/29/10 8:54	0.999	1.001	1g Check Passed
40706360	31116	150	149.968	9/29/10 8:59	149.9879	9/29/10 9:00	149.968	9/29/10 9:01	149.85	150.15	150g Check Passed
40706360	31116	100	99.9919	9/29/10 8:59	99.9917	9/29/10 9:00	99.9918	9/29/10 9:01	99.9	100.1	100g Check Passed
40706360	31116	50	49.9958	9/29/10 8:59	49.996	9/29/10 9:00	49.9958	9/29/10 9:01	49.95	50.05	50g Check Passed
40706360	31116	30	29.9972	9/29/10 8:59	29.9975	9/29/10 9:00	29.9973	9/29/10 9:01	29.97	30.03	30g Check Passed
40706360	31116	1	0.9996	9/29/10 8:59	0.9997	9/29/10 9:01	0.9997	9/29/10 9:02	0.999	1.001	1g Check Passed
10601202	31116	200	199.991	9/29/10 9:04	199.987	9/29/10 9:05	199.987	9/29/10 9:05	199.8	200.2	200g Check Passed
10601202	31116	100	99.997	9/29/10 9:04	99.992	9/29/10 9:05	99.992	9/29/10 9:05	99.9	100.1	100g Check Passed
10601202	31116	50	49.998	9/29/10 9:04	49.995	9/29/10 9:05	49.995	9/29/10 9:05	49.95	50.05	50g Check Passed
10601202	31116	30	30	9/29/10 9:04	29.999	9/29/10 9:05	29.999	9/29/10 9:05	29.97	30.03	30g Check Passed
10601202	31116	1	0.999	9/29/10 9:04	0.999	9/29/10 9:05	0.999	9/29/10 9:06	0.999	1.001	1g Check Passed

Comment: All values are electronically captured. Numbers are formatted "General" so that actual values can be captured except for trailing zeros (200.00=200 or 200.0010=200.001)

Bal. Checked by: JF [illegible] 9-29-10

Acceptance Limit :+ 0.1%

Reviewed by: [illegible]
Date: 9/29/10

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 101370

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

A total of two (2) water samples were received on 09/24/10 for Dissolved Hydrogen Sulfide analysis, Method 4500F in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Matrix QC Sample
No matrix QC sample was designated for this SDG. However, sample duplicate was analyzed with the samples. RPD was within project limit.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD 4500F
DISSOLVED HYDROGEN SULFIDE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101370

Matrix : WATER
Instrument ID : NA

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MDEST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HS100648	ND	1	NA	1.00	0.400	09/29/1013:58	NA	HS100601	NA	HS1006W	NA	NA
MW-70-PMW14B-A10	1370-03	ND	1	NA	1.00	0.400	09/29/1014:38	NA	HS100604	NA	HS1006W	09/23/1014:48	09/24/10
MW-70-PMW14B-A10-D	1370-04	ND	1	NA	1.00	0.400	09/29/1014:55	NA	HS100605	NA	HS1006W	09/23/1014:58	09/24/10
MW-70-PMW14B-A10-SDUP	1370-04D	ND	1	NA	1.00	0.400	09/29/1015:12	NA	HS100606	NA	HS1006W	09/23/1014:58	09/24/10

00108

EMAX QUALITY CONTROL DATA
DUPLICATE ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
METHOD: METHOD 4500F
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 101370 DATE RECEIVED: 09/24/10
SAMPLE ID: MW-70-PMW14B-A10-DDUP DATE EXTRACTED: NA
CONTROL NO.: 1370-040 DATE ANALYZED: 09/29/10 15:12

ACCESSION:

PARAMETER	SAMPLE (mg/L)	DUP. SAMPLE (mg/L)	RPD (%)	RPD LIMIT (%)
Hydrogen Sulfide	ND	ND	0	20

ANALYSIS RUN LOG
for
SULFIDE

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Book #: ASD-016

Analytical Batch: H5I006

Comments:

SOP #	Rev. #
☐ EMAX-376.1	2
☐ EMAX 9034	0
☐ EMAX-4500-S2F	0

STANDARDS ID	CONC.
LCS SWA-01-268	5.95
Spike NA	
$Na_2S_2O_3$ Standard SWA1-01-268	0.025N
Iodine SWA1-01-279	0.025N
HCl SWA1-05-096	1:1
Indicator SWA1-01-247	

Analyzed By: CM

Date: ~~12/30/00~~ 9/29/10

CM 9/29/10

2030

EMAX LABORATORIES, INC.

ANALYSIS FOR SULFIDE

Method: SM4500-S2-F Analytical Batch: HS1006 Book #: ASD-016 Page: 30

Data File Name	Lab Sample ID	V_s (ml)	V_T (ml)	Volume of Titrant V_t (ml)	Analysis Date mm.dd.yy	Analysis Time hh:mm:ss	Sulfide	Sample Result	Flag	Unit
HS10061	HS1006WB	100	5	4.94	09/29/10	13:58:12	0.24	ND		mg/L
HS10062	HS1006WL	100	5	3.52	09/29/10	14:00:39	5.92	5.92		mg/L
HS10063	HS1006WC	100	5	3.54	09/29/10	14:02:43	5.44	5.44		mg/L
HS10064	1370-02	100	5	4.89	09/29/10	14:38:45	0.44	0.44	0.44J	mg/L
HS10065	1370-04	100	5	4.75	09/29/10	14:55:25	1	1	9999	mg/L
HS10066	1370-04D	100	5	4.74	09/29/10	15:12:20	1.04	1.04	1.04J	mg/L

STANDARDIZATION

V_T (ml)	V_{blank} (ml)	DATE	TIME	Titrant $Na_2S_2O_3$ (N)
Average Normality of Iodine (NI)=				0.025

☑ Standard Purchased as Certified Solution

$N_I = \frac{(N * V)_{Na_2S_2O_3}}{V_I}$

MISCELLANEOUS INFORMATION

Standard	Concentration		Unit
Iodine	0.025		N
$Na_2S_2O_3$	0.025		N
LCS [WATER / SOIL]	5.95	[illegible]	mg/L / mg/Kg
MDL [WATER / SOIL]	0.4	10	mg/L / mg/Kg
RL	2	20	mg/L / mg/Kg

$$S(mg/L) = \frac{[(V_T * N_T) - (V_t * N_t)](16{,}000)}{V_S}$$

MS-MSD	TV=	5.95	mg/L
ID	Result (mg/L)	%Rec.	RPD

Comments:

Analyzed By: CIN

SM4500-S2-D

EMAX LABORATORIES, INC.

ANALYSIS FOR UN-IONIZED HYDROGEN SULFIDE

Method SM4500-S2-D

Analytical Batch: HS1006

Data File Name	Lab Sample ID	Sulfide	Unit	Date Time	Temp. °C	pH	Conductivity µS/cm	H2S	Unit	COMMENTS
HS10061	HS1006WB	ND	mg/L	9/29/10 13:58				ND	mg/L	
HS10062	HS1006WL	5.93	mg/l	9/29/10 14:00				#VALUE!	mg/l	
HS10063	HS1006WC	5.44	mg/L	9/29/10 14:02				#VALUE!	mg/l	
HS10064	1370-03	0.44	mg/L	9/29/10 14:38	25	7.13	11110	0.16	mg/L	
HS10065	1370-04	1	mg/L	9/29/10 14:55	24.9	7.11	11030	0.36	mg/L	
HS10066	1370-04D	1.04	mg/L	9/29/10 15:12	25	7.1	11030	0.38	mg/L	

10/11/10

$$pK_1 = 32.5 + 1519.44/T - 15.672\log_{10}T + 0.02722T$$

$$A = 0.7083 - 2.277x10^{-3}T + 5.399x10^{-6}T^2$$

$$I = 1.6x10^{-5}Conductivity$$

$$pf_m = A\left(\frac{\sqrt{I}}{1+\sqrt{I}} - 0.3I\right)$$

$$K'_1 = 10^{-pK_1+2pf_m}$$

$$H^+ = 10^{-pH+pf_m}$$

$$H_2S = \left(\frac{S_T}{1+\frac{K'_1}{H^+}}\right)$$

Analyzed by: CJ

Reviewed by: CJ

Date: 10/11/10

Where: T(°K) = T(°C)+272.15 pK1=dissociation constant for zero ionic strength A=Debye-Huckel Parameter I=Ionic Strength pfm=negative logarithm of the monovalent ion activity coefficient K'1 conditional ionization constant H+=Hydrogen ion concentration ST=Total Sulfide Concentration

8092

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I370

METHOD SM5310B
TOC

A total of two (2) water samples were received on 09/24/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 20th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for TCI015WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

METHOD SM5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 131370

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
LCS1W	TC1015WL	25.2	1	NA	1.00	0.500	09/29/1023:03	NA	TC1009-35	TC1009-26	TC1015W	NA	NA
LCD1W	TC1015WC	25.5	1	NA	1.00	0.500	09/29/1023:16	NA	TC1009-36	TC1009-26	TC1015W	NA	NA
MBLK1W	TC1015WB	ND	1	NA	1.00	0.500	09/29/1023:29	NA	TC1009-37	TC1009-26	TC1015W	NA	NA
MW-70-PMW14B-A10	1370-03	3.24	1	NA	1.00	0.500	09/30/1001:19	NA	TC1009-46	TC1009-38	TC1015W	09/23/1014:48	09/24/10
MW-70-PMW14B-A10-D	1370-04	2.95	1	NA	1.00	0.500	09/30/1001:31	NA	TC1009-47	TC1009-38	TC1015W	09/23/1014:58	09/24/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101370
METHOD: METHOD SW5310B

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: MBLK1W
LAB SAMP ID: TC1015WB TC1015WL TC1015WC
LAB FILE ID: TC1009-37 TC1009-35 TC1009-36
DATE EXTRACTED: NA NA NA DATE COLLECTED: NA
DATE ANALYZED: 09/29/1023:29 09/29/1025:03 09/29/1023:16 DATE RECEIVED: NA
PREP. BATCH: TC1015W TC1015W TC1015W
CALIB. REF: TC1009-26 TC1009-26 TC1009-26

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	25.2	101	25.0	25.5	102	1	85-115	20

0305

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Start (date & time) 9/29/10 12:34

end (date & time) 9/30/10 2:48

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TC1009
Method File:	TC1009
Analytical Batch:	TC3014W TC1015W

TC3014W/TC1015W

103147-09,10

103341-02-105,06,07,09,10,11

102374-02,03,06-108

102391-01-103

103390-01

103799-01

102389-01,02,04,05,08

102370-03,04,05

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW108-04-002	1
S2		5
S3		10
S4		40
S5		80
S6		—
ICV/LCS	SW108-04-005	25
CCV	SW108-04-006	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Diluette SW3-01-24

SW3-01-33

SI12-01-4

Analyzed By: [illegible]

Date: 9/29/10

	Type	Analysi	Sample Name	Sample ID	ObjectID	Origin	Dilutl	Result	Comment
1	Standard	NPOC	ICAL	TCI009-01	0A-123456	C:\Progr	1.00		
2	Control	NPOC	ICV	TCI009-02	0A-123456	C:\Progr	1.00	NPOC:25.69 mg/L	
3	Unknown	NPOC	ICB	TCI009-03	0A-123456	C:\Progr	1.00	NPOC:0.1034 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCI009-04	0A-123456	C:\Progr	1.00	NPOC:0.3962 mg/L	
5	Unknown	NPOC	TCI014WB	TCI009-05	0A-123456	C:\Progr	1.00	NPOC:0.08073 mg	
6	Unknown	NPOC	TCI014WL	TCI009-06	0A-123456	C:\Progr	1.00	NPOC:25.71 mg/L	
7	Unknown	NPOC	TCI014WC	TCI009-07	0A-123456	C:\Progr	1.00	NPOC:25.67 mg/L	
8	Unknown	NPOC	10I147-09R	TCI009-08	0A-123456	C:\Progr	1.00	NPOC:3.175 mg/L	
9	Unknown	NPOC	10I147-10R	TCI009-09	0A-123456	C:\Progr	1.00	NPOC:3.136 mg/L	
10	Unknown	NPOC	10I341-02	TCI009-10	0A-123456	C:\Progr	1.00	NPOC:1.321 mg/L	PH<2
11	Unknown	NPOC	10I341-03	TCI009-11	0A-123456	C:\Progr	1.00	NPOC:1.249 mg/L	PH<2
12	Unknown	NPOC	10I341-04	TCI009-12	0A-123456	C:\Progr	1.00	NPOC:5.529 mg/L	PH<2
13	Unknown	NPOC	10I341-05	TCI009-13	0A-123456	C:\Progr	1.00	NPOC:17.39 mg/L	PH<2 → RE to confirm on 9/30/10
14	Control	NPOC	CCV1	TCI009-14	0A-123456	C:\Progr	1.00	NPOC:26.55 mg/L	
15	Unknown	NPOC	CCB1	TCI009-15	0A-123456	C:\Progr	1.00	NPOC:0.4049 mg/L	
16	Unknown	NPOC	10I341-06	TCI009-16	0A-123456	C:\Progr	1.00	NPOC:4.230 mg/L	PH<2
17	Unknown	NPOC	10I341-07	TCI009-17	0A-123456	C:\Progr	1.00	NPOC:3.516 mg/L	PH<2
18	Unknown	NPOC	10I341-09	TCI009-18	0A-123456	C:\Progr	1.00	NPOC:2.312 mg/L	PH<2
19	Unknown	NPOC	10I341-10	TCI009-19	0A-123456	C:\Progr	1.00	NPOC:1.493 mg/L	PH<2
20	Unknown	NPOC	10I341-11	TCI009-20	0A-123456	C:\Progr	1.00	NPOC:4.509 mg/L	PH<2
21	Unknown	NPOC	10I374-02	TCI009-21	0A-123456	C:\Progr	1.00	NPOC:1.779 mg/L	PH<2
22	Unknown	NPOC	10I374-03	TCI009-22	0A-123456	C:\Progr	1.00	NPOC:3.072 mg/L	PH<2
23	Unknown	NPOC	10I374-06	TCI009-23	0A-123456	C:\Progr	1.00	NPOC:~~2.069 mg/L~~ 2.015 mg/L	PH<2
24	Unknown	NPOC	10I374-07	TCI009-24	0A-123456	C:\Progr	1.00	NPOC:7.958 mg/L	PH<2
25	Unknown	NPOC	10I374-08	TCI009-25	0A-123456	C:\Progr	1.00	NPOC:8.068 mg/L	PH<2
26	Control	NPOC	CCV2	TCI009-26	0A-123456	C:\Progr	1.00	NPOC:25.19 mg/L	
27	Unknown	NPOC	CCB2	TCI009-27	0A-123456	C:\Progr	1.00	NPOC:0.4930 mg/L	
28	Unknown	NPOC	10I391-01	TCI009-28	0A-123456	C:\Progr	1.00	NPOC:0.9344 mg/L	PH<2
29	Unknown	NPOC	10I391-01D	TCI009-29	0A-123456	C:\Progr	1.00	NPOC:~~1.618 mg/L~~ 1.335 mg/L	
30	Unknown	NPOC	10I391-01M	TCI009-30	0A-123456	C:\Progr	1.00	NPOC:27.61 mg/L	
31	Unknown	NPOC	10I391-01S	TCI009-31	0A-123456	C:\Progr	1.00	NPOC:27.49 mg/L	
32	Unknown	NPOC	10I391-02	TCI009-32	0A-123456	C:\Progr	1.00	NPOC:~~2.141 mg/L~~ 1.314 mg/L	PH<2
33	Unknown	NPOC	10I391-03	TCI009-33	0A-123456	C:\Progr	1.00	NPOC:0.7370 mg/L	PH<2
34	Unknown	NPOC	10I390-01	TCI009-34	0A-123456	C:\Progr	1.00	NPOC:1.030 mg/L	PH<2
35	Unknown	NPOC	TCI015WL	TCI009-35	0A-123456	C:\Progr	1.00	NPOC:25.24 mg/L	
36	Unknown	NPOC	TCI015WC	TCI009-36	0A-123456	C:\Progr	1.00	NPOC:25.50 mg/L	
37	Unknown	NPOC	TCI015WB	TCI009-37	0A-123456	C:\Progr	1.00	NPOC:0.4270 mg/L	
38	Control	NPOC	CCV3	TCI009-38	0A-123456	C:\Progr	1.00	NPOC:26.03 mg/L	
39	Unknown	NPOC	CCB3	TCI009-39	0A-123456	C:\Progr	1.00	NPOC:0.1537 mg/L	
40	Unknown	NPOC	10I799-01	TCI009-40	0A-123456	C:\Progr	1.00	NPOC:5.407 mg/L	PH<2
41	Unknown	NPOC	10I389-01	TCI009-41	0A-123456	C:\Progr	1.00	NPOC:1.579 mg/L	PH<2
42	Unknown	NPOC	10I389-02	TCI009-42	0A-123456	C:\Progr	1.00	NPOC:1.556 mg/L	PH<2
43	Unknown	NPOC	10I389-04	TCI009-43	0A-123456	C:\Progr	1.00	NPOC:1.656 mg/L	PH<2
44	Unknown	NPOC	10I389-05	TCI009-44	0A-123456	C:\Progr	1.00	NPOC:1.235 mg/L	PH<2
45	Unknown	NPOC	10I389-08	TCI009-45	0A-123456	C:\Progr	1.00	NPOC:4.971 mg/L	PH<2
46	Unknown	NPOC	10I370-03	TCI009-46	0A-123456	C:\Progr	1.00	NPOC:3.239 mg/L	PH<2
47	Unknown	NPOC	10I370-04	TCI009-47	0A-123456	C:\Progr	1.00	NPOC:2.955 mg/L	PH<2
48	Unknown	NPOC	10I270-05	TCI009-48	0A-123456	C:\Progr	1.00	NPOC:0.9051 mg/L	PH<2
49	Control	NPOC	CCV4	TCI009-49	0A-123456	C:\Progr	1.00	NPOC:25.14 mg/L	
50	Unknown	NPOC	CCB4	TCI009-50	0A-123456	C:\Progr	1.00	NPOC:0.3408 mg/L	
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66								A. 9/30/10	
67									

09/30/10 10:59:02 AM

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

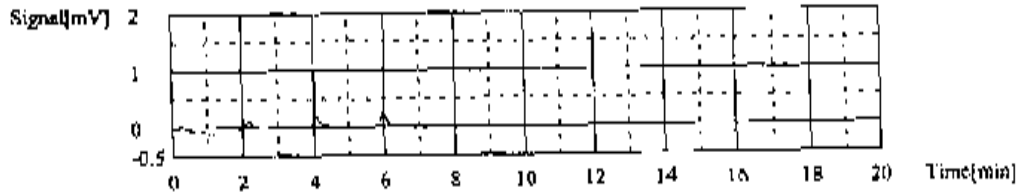
Sample Name:	ICAL
Sample ID:	TCI009-01
Cal. Curve:	TCI009.2010_09_29_12_26_20.cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.000	50uL	1	******		09/29/10 12:34:32 PM
2	0.000	50uL	1	******		09/29/10 12:36:38 PM
3	0.000	50uL	1	******		09/29/10 12:38:43 PM
4	0.3123	50uL	1	******		09/29/10 12:39:32 PM

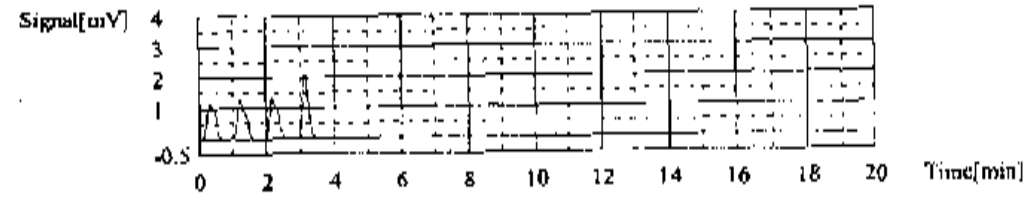
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	0.07808



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.113	50uL	10	******		09/29/10 12:47:38 PM
2	2.250	50uL	10	******		09/29/10 12:48:47 PM
3	2.335	50uL	10	******		09/29/10 12:49:56 PM
4	2.462	50uL	10	******		09/29/10 12:50:57 PM

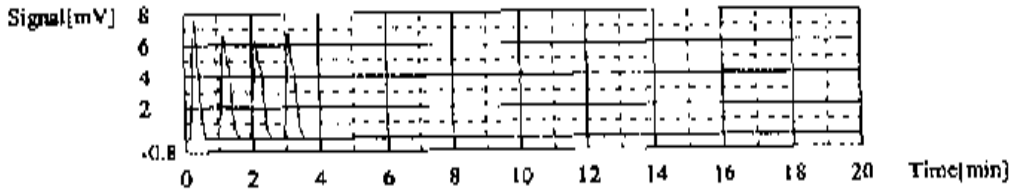
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.287



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.77	50uL	2	******		09/29/10 12:57:06 PM
2	10.66	50uL	2	******		09/29/10 12:58:14 PM
3	10.86	50uL	2	******		09/29/10 12:59:24 PM
4	10.99	50uL	2	******		09/29/10 01:00:35 PM

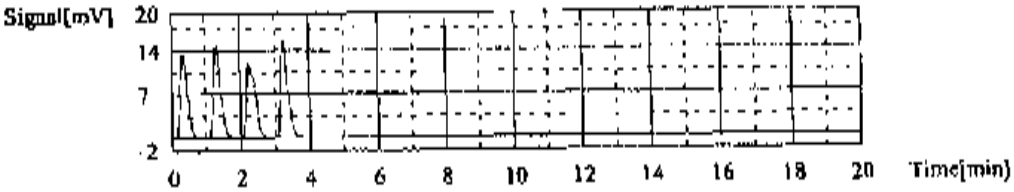
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.82



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.52	50uL	1	******		09/29/10 01:06:08 PM
2	21.69	50uL	1	******		09/29/10 01:07:17 PM
3	21.84	50uL	1	******		09/29/10 01:08:29 PM
4	21.96	50uL	1	******		09/29/10 01:09:40 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.74



Conc: 40.00mg/L

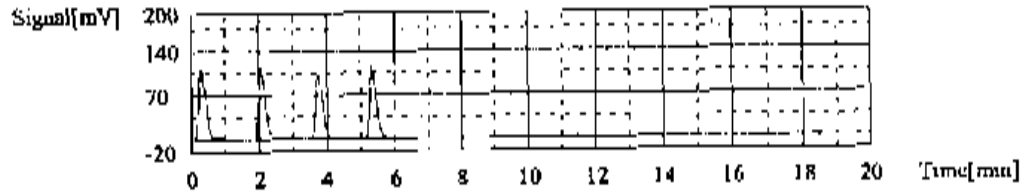
No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	79.09	50uL	2	******		09/29/10 01:16:08 PM
2	80.48	50uL	2	******		09/29/10 01:19:96 PM
3	79.48	50uL	2	******		09/29/10 01:21:12 PM
4	81.69	50uL	2	******		09/29/10 01:22:48 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 80.19

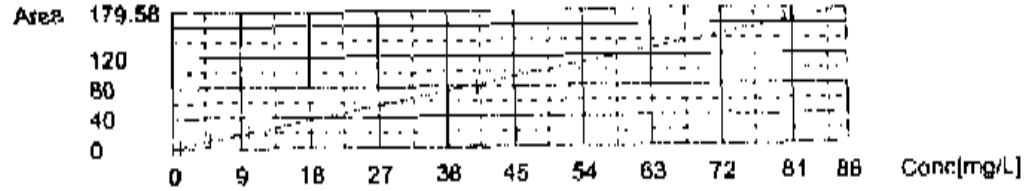
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	164.6	50uL	1	******		09/29/10 01:28:57 PM
2	163.7	50uL	1	******		09/29/10 01:30:49 PM
3	163.1	50uL	1	******		09/29/10 01:32:36 PM
4	165.8	50uL	1	******		09/29/10 01:34:16 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 164.3



Slope. 2.041
Intercept 0.000
r^2 0.999771



5098

Control Sample

Sample Name: ICV
Sample ID: TCI009-02
Method: TCI009.tpl
Chk. Result Control value: 25.69 / Control exceeds range!

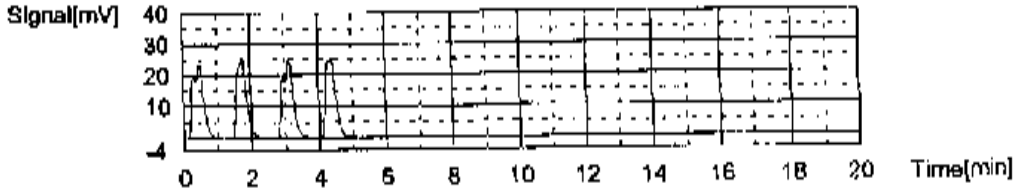
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:25.69 mg/L

1. Det.

Anal : NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	51.85	25.41mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 01:42:22 PM
2	52.05	25.51mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 01:43:54 PM
3	52.52	25.74mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 01:45:23 PM
4	53.27	26.10mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 01:46:51 PM

Mean Area 52.42
Mean Conc. 25.60mg/L



Sample

Sample Name: ICB
Sample ID: TCI009-03
Origin: TCI009.cal
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.1034 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.1679	0.08198mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 02:09:14 PM
2	0.1768	0.08664mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 02:10:09 PM
3	0.2122	0.1040mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 02:11:02 PM
4	0.2878	0.1410mg/L	50uL	1		TCI009.2010_09_29_12_26_20.cal	09/29/10 02:12:00 PM

Mean Area 0.2110
Mean Conc. 0.1034mg/L

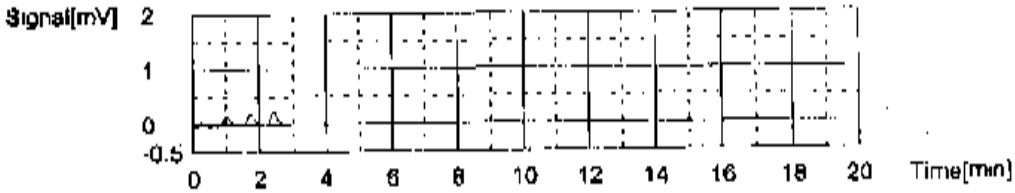


TABLE OF CONTENTS

CLIENT: **INSIGHT EEC, INC.**

PROJECT: **NWS SEAL BEACH, IR SITE 70.**

SDG: **10I614**

SECTION		PAGE
Cover Letter, COC/Sample Receipt Form		1000 – 1003
GC/MS-VOA	METHOD 5030B/8260B	2000 – 2049
GC/MS-SVOA	**	3000 –
GC-VOA	**	4000 –
GC-SVOA	**	5000
HPLC	**	6000 –
METALS	**	7000 –
WET	**	8000 –
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-19-2010
EMAX Batch No.: 101614

Attn: Nick Weinberger

Insight EEC, Inc.
5010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the laboratory report for samples received on 09/28/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
MW-70-POC03-A10	1614-01	09/27/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70 POC02-A10	1614-02	09/27/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-POC02-A10-D	1614-03	09/27/10	WATER	VOLATILE ORGANICS BY GC/MS
TB-9/27/10	1614-04	09/27/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-14-A10	1614-05	09/28/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-14-A10-D	1614-06	09/28/10	WATER	VOLATILE ORGANICS BY GC/MS
MW-70-43A-A10	1614-07	09/28/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning
these results.

Sincerely yours,

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS 0801

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:

SAMPLE STORAGE

EMAX CONTROL NO. * 10 I614

PROJECT CODE: 4-14114

CLIENT: INSIGHT ERC, INC
PROJECT: NAS SOIL BIOREM IN SITU 70
COORDINATOR: NICK WIENBERGER
TEL: 714 678 6700 FAX: 714 678 6711 EMAIL: NWIENBERGER@JEEG.COM
SEND REPORT TO: NICK WIENBERGER
COMPANY: INSIGHT ERC, INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Ya Mapint

MATRIX CODE: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SO=Solid Waste, SL=Sludge, SS=Soil/Sediment, WP=Wipes, PP=Pure Products, AX=Air, Qc

PRESERVATIVE CODE: IC = Ice, HC = HCl, HN=HNO3, SH=NaOH, ST=Na2S2O3, ZA=Zinc Acetate, HS=H2SO4

ANALYSES REQUIRED: VOCs (8260B), DISS. GAS (RSK 175), ANIONS (F, Cl, NO2, NO3, PO4, SO4, Br, NO2, Br), TPH (5310B), DISS. H2S (4500A), DISS. METAL (6010B)

TAT: ☐ Rush ____ hrs. ☐ Rush ____ days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____ days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HC	HC	HC	HC	HC	HC	COMMENTS
1	MW-70-POC03-A10	IN 70	9/27/10	0952	3	40mL	VOA	GW	III	X						
2	MW-70-POC02-A10	IN 70	↓	1040	3	↓	↓	GW	III	X						
3	MW-70-POC02-A10-D	IN 70	↓	1044	3	↓	↓	GW	III	X						DUPLICATE
4	TB-9/27/10	IN 70	9/27/10	0700	2	40mL	VOA	GW	III	X						TRIP BLANK
5	MW-70-14-A10	IN 70	9/28/10	0831	3	↓	↓	GW	III	X						
6	MW-70-14-A10-D	IN 70	9/28/10	0835	3	↓	↓	GW	III	X						DUPLICATE
7	MW-70-43A-A10	IN 70	9/28/10	0923	3	40mL	VOA	GW	III	X						
8																
9																
10																

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.0	

SAMPLER: CHASE BROGDON

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/28/10	1010	Keith Stout
Keith Stout	9/28/10	1521	[signature]

NOTICE: Turnaround-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 3:00 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associated with sample disposal. Samples shall be disposed of as soon as practical, but not prior to fifteen (15) calendar days after issuance of analytical report unless a different sample disposal ticket is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	RCN 10 I 614
☑ TMAX Courier	[illegible]	Received I. LATEL
☐ Client Delivery		Date 9-28-10
☐ Third Party		Time 1521

TAT Inspection

☐ Client Name	☑ Client PM/C	☑ Sampler Name	☐ Sampling Date/Time/Location	☑ Sample ID	☑ Matrix
☐ Address	☐ Labs / Fax #	☑ Courier Signature	☐ Analysis Required	☑ Preservative (if any)	☑ TAT
Safety Issues	☐ None	☐ High concentrations expected	☐ Superfund Site samples	☐ Rad screening required	

Comments:

Packaging Inspection

Container	☑ Cooler	☑ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☐ Insufficient	☑ Packaging
Temperatures (Cool, 2-6 °C but not frozen)	8 ☑ Cooler 1 3.0 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Thermometer: *A - S/N 101541371* *B - S/N 101541382*

Comment: ☐ **PM was informed on non-compliant coolers immediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code

REVIEWS

Sample Custodian [illegible] Date 9-28-10

SRF [illegible] Date 9/28/10

PM LP for YC Time 1429/10

LEGEND:

Code	Description-Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s), wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-a-vis label	D3	Date and/or time is inconsistent in COC vis-a-vis label	R3	Refer to attached instruction
A4		E1	Insufficient preservative	R4	Cancel the analysis
I1	Sample ID is not indicated in COC	E2	Improper preservation	R5	
I2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	
I3	Sample ID is inconsistent in COC vis-a-vis label	F2	Bubble in 40ml		
I4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I614

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I614

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of seven (7) water samples were received on 09/28/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Two (2) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for V006J02L/C were all within QC limits.
Percent recoveries for V006J05L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one analyte in sample I614-03 because of improper integration. Hence, the original chromatogram was retained with the initialed and dated corrected chromatogram. Manual integration was concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC. SDG NO. : 101614
Project : NWS SEAL BEACH, CR SITE 70. Instrument ID : T-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006J02B	1	NA	10/02/1006:27	10/02/1006:27	RJW031	RIW064	V006J02	Method Blank
LCS1W	V006J02L	1	NA	10/02/1004:52	10/02/1004:52	RJW028	RIW064	V006J02	Lab Control Sample (LCS)
LCD1W	V006J02C	1	NA	10/02/1005:24	10/02/1005:24	RJW029	RIW064	V006J02	LCS Duplicate
T6-9/27/10	1614-04	1	NA	10/02/1006:59	10/02/1006:59	RJW032	RIW064	V006J02	Field Sample
MW-70-P0C03-A10	1614-01	1	NA	10/02/1008:32	10/02/1008:32	RJW035	RIW064	V006J02	Field Sample
MW-70-P0C02-A10	1614-02	1	NA	10/02/1009:03	10/02/1009:03	RJW036	RIW064	V006J02	Field Sample
MW-70-P0C02-A10-D	1614-03	1	NA	10/02/1009:35	10/02/1009:35	RJW037	RIW064	V006J02	Field Sample
MW-70-14-A10	1614-05	1	NA	10/02/1010:05	10/02/1010:05	RJW038	RIW064	V006J02	Field Sample
MW-70-14-A10-D	1614-06	1	NA	10/02/1010:36	10/02/1010:36	RJW039	RIW064	V006J02	Field Sample
MBLK2W	V006J05Q	1	NA	10/05/1001:35	10/05/1001:35	RJW119	RIW064	V006J05	Method Blank
LCS2W	V006J05L	1	NA	10/04/1023:32	10/04/1023:32	RJW115	RIW064	V006J05	Lab Control Sample (LCS)
LCD2W	V006J05C	1	NA	10/05/1000:02	10/05/1000:02	RJW116	RIW064	V006J05	LCS Duplicate
MW-73-43A-A10	1614-07R	1	NA	10/05/1002:07	10/05/1002:07	RJW120	RIW064	V006J05	Field Sample
MW-73-14-A10DL	1614-35T	10	NA	10/05/1005:46	10/05/1005:46	RJW127	RIW064	V006J05	Diluted Sample
MW-73-14-A10-DL	1614-36T	10	NA	10/05/1006:18	10/05/1006:18	RJW128	RIW064	V006J05	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/27/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 1D1614	Date Extracted:	10/02/10 08:52
Sample ID:	MW-70-P0C03-A10	Date Analyzed:	10/02/10 08:52
Lab Samp ID:	1614-01	Dilution Factor:	1
Lab File ID:	RJW035	Matrix	: WATER
Ext Batch ID:	VD06J02	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1 DICHLOROETHENE	ND	0.50	0.20
1,1 DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3 CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4 DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/27/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/02/10 09:03
Sample ID:	MW-70-PGC02-A10	Date Analyzed:	10/02/10 09:03
Lab Samp ID:	T614-02	Dilution Factor:	1
Lab File ID:	RJW036	Matrix	: WATER
Ext Btch ID:	VOO6JO2	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2 DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.50
BROMOFORM	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	0.20J	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT ECC, INC.	Date Collected:	09/27/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/02/10 09:35
Sample ID:	MW-70-POC02-A10-D	Date Analyzed:	10/02/10 09:55
Lab Samp ID:	1614-03	Dilution Factor:	1
Lab File ID:	RJW037	Matrix	: WATER
Ext Batch ID:	VD06J02	% Moisture	: NA
Calib. Ref.:	RTW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,3,5-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.50
CARBON DISULFIDE	0.31J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.50
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.50
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.50
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	09/27/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/02/10 06:59
Sample ID:	TB-9/27/10	Date Analyzed:	10/02/10 06:59
Lab Samp ID:	1614-04	Dilution Factor:	1
Lab File ID:	RJW032	Matrix	: WATER
Ext.Btch ID:	VD06J02	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.50
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.40
CIS-1,2-DICHLOROETHENE	ND	1.0	0.40
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.82J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.20
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT GEO, INC.	Date Collected:	09/28/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/02/10 10:05
Sample ID:	MW-70-14-A10	Date Analyzed:	10/02/10 10:05
Lab Samp ID:	1614-05	Dilution Factor:	1
Lab File ID:	RJW038	Matrix	: WATER
Ext Batch ID:	V006J02	% Moisture	: NA
Calib. Ref.:	RJW064	Instrument ID	: 1-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2 TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.49J	1.0	0.20
1,1-DICHLOROETHENE	1.5	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3 TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.50
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	230C	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.50
TOLUENE	ND	1.0	0.50
TRANS-1,2-DICHLOROETHENE	23	1.0	0.20
TRICHLOROETHENE	220C	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1.1	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/28/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/05/10 05:46
Sample ID:	MW-70-14-A10DL	Date Analyzed:	10/05/10 05:46
Lab Samp ID:	I614-05T	Dilution Factor:	10
Lab File ID:	RJW127	Matrix	: WATER
Ext.Btch ID:	V006J05	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2,2-TETRACHLOROETHANE	ND	10	2.0
1,1,2-TRICHLOROETHANE	ND	10	2.0
FREON113	ND	10	2.0
1,1-DICHLOROETHANE	ND	10	5.0
1,1-DICHLOROETHENE	ND	5.0	2.0
1,1-DICHLOROPROPENE	ND	10	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	5.0
1,2-DIBROMOETHANE	ND	10	5.0
1,2-DICHLOROBENZENE	ND	10	5.0
1,2-DICHLOROETHANE	ND	5.0	5.0
1,2-DICHLOROPROPANE	ND	10	5.0
1,2,3-TRICHLOROBENZENE	ND	10	2.0
1,2,3-TRICHLOROPROPANE	ND	10	5.0
1,2,4-TRICHLOROBENZENE	ND	10	2.0
1,2,4-TRIMETHYLBENZENE	ND	10	5.0
1,3-DICHLOROBENZENE	ND	10	2.0
1,3,5-TRIMETHYLBENZENE	ND	10	2.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	2.0
4-CHLOROTOLUENE	ND	10	2.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	2.0
P-ISOPROPYLTOLUENE	ND	10	5.0
SEC-BUTYLBENZENE	ND	10	5.0
TERT-BUTYLBENZENE	ND	10	2.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	2.0
BROMODICHLOROMETHANE	ND	10	2.0
CIS-1,3-DICHLOROPROPENE	ND	10	2.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	5.0
BROMOFORM	ND	10	2.0
CARBON DISULFIDE	ND	10	2.0
CARBON TETRACHLORIDE	ND	5.0	2.0
CHLOROBENZENE	ND	10	2.0
CHLOROETHANE	ND	20	2.0
CHLOROFORM	ND	10	2.0
CHLOROMETHANE	ND	20	2.0
CIS-1,2 DICHLOROETHENE	280	10	2.0
DICHLORODIFLUOROMETHANE	ND	20	5.0
DIBROMOCHLOROMETHANE	ND	10	2.0
DIBROMOMETHANE	ND	10	2.0
ETHYLBENZENE	ND	10	2.0
HEXACHLOROBUTADIENE	ND	10	2.0
ISOPROPYL BENZENE	ND	10	2.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	10	2.0
STYRENE	ND	10	2.0
TETRACHLOROETHYLENE	ND	10	2.0
TOLUENE	ND	10	2.0
TRANS-1,2-DICHLOROETHENE	25	10	2.0
TRICHLOROETHENE	260	50	2.0
TRICHLOROFLUOROMETHANE	ND	20	2.0
VINYL CHLORIDE	ND	5.0	2.0
XYLENES (TOTAL)	ND	20	2.0
M/P-XYLENES	ND	10	5.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/28/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/02/10 10:36
Sample ID:	MW-70-14-A10-D	Date Analyzed:	10/02/10 10:36
Lab Samp ID:	1614-06	Dilution Factor:	1
Lab File ID:	RJW039	Matrix	: WATER
Ext Btch ID:	V006J02	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T 006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	0.47J	1.0	0.20
1,1-DICHLOROETHENE	1.4	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	220E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	21	1.0	0.20
TRICHLOROETHENE	210E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	1.1	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT SEC, INC.	Date Collected:	09/28/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/05/10 06:18
Sample ID:	MW-70 14 A10 ODL	Date Analyzed:	10/05/10 06:18
Lab Samp ID:	1614-06T	Dilution Factor:	10
Lab File ID:	RJW128	Matrix	: WATER
Ext Btch ID:	V006J05	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	10	2.0
1,1,1,2-TETRACHLOROETHANE	ND	10	5.0
1,1,2,2-TETRACHLOROETHANE	ND	10	5.0
1,1,2-TRICHLOROETHANE	ND	10	5.0
FREON 113	ND	10	5.0
1,1-DICHLOROETHANE	ND	10	5.0
1,1-DICHLOROETHENE	ND	5.0	5.0
1,1-DICHLOROPROPENE	ND	10	2.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	20	5.0
1,2-DIBROMOETHANE	ND	10	2.0
1,2-DICHLOROBENZENE	ND	10	5.0
1,2-DICHLOROETHANE	ND	5.0	5.0
1,2-DICHLOROPROPANE	ND	10	5.0
1,2,3-TRICHLOROBENZENE	ND	10	2.0
1,2,3-TRICHLOROPROPANE	ND	10	5.0
1,2,4-TRICHLOROBENZENE	ND	10	5.0
1,2,4-TRIMETHYLBENZENE	ND	10	2.0
1,3-DICHLOROBENZENE	ND	10	5.0
1,3,5-TRIMETHYLBENZENE	ND	10	5.0
1,4-DICHLOROBENZENE	ND	10	2.0
2-BUTANONE	ND	100	50
2-CHLOROTOLUENE	ND	10	2.0
2-HEXANONE	ND	100	50
2,2-DICHLOROPROPANE	ND	10	2.0
4-CHLOROTOLUENE	ND	10	2.0
4-METHYL-2-PENTANONE	ND	100	50
N-BUTYLBENZENE	ND	10	2.0
N-PROPYLBENZENE	ND	10	2.0
P-ISOPROPYLTOLUENE	ND	10	5.0
SEC-BUTYLBENZENE	ND	10	2.0
TERT-BUTYLBENZENE	ND	10	2.0
ACETONE	ND	100	50
BENZENE	ND	10	2.0
BROMOBENZENE	ND	10	5.0
BROMODICHLOROMETHANE	ND	10	2.0
CIS-1,3-DICHLOROPROPENE	ND	10	2.0
TRANS-1,3-DICHLOROPROPENE	ND	10	2.0
BROMOMETHANE	ND	20	2.0
BROMOFORM	ND	10	5.0
CARBON DISULFIDE	ND	10	2.0
CARBON TETRACHLORIDE	ND	5.0	5.0
CHLOROBENZENE	ND	10	5.0
CHLOROETHANE	ND	20	2.0
CHLOROFORM	ND	10	2.0
CHLOROMETHANE	ND	20	2.0
CIS-1,2-DICHLOROETHENE	280	10	5.0
DICHLORODIFLUOROMETHANE	ND	20	5.0
DIBROMOCHLOROMETHANE	ND	10	5.0
DIBROMOMETHANE	ND	10	5.0
ETHYLBENZENE	ND	10	2.0
HEXACHLOROBUTADIENE	ND	10	5.0
ISOPROPYL BENZENE	ND	10	5.0
METHYLENE CHLORIDE	ND	10	5.0
MTBE	ND	10	5.0
STYRENE	ND	10	2.0
TETRACHLOROETHYLENE	ND	10	2.0
TOLUENE	ND	10	5.0
TRANS-1,2-DICHLOROETHENE	24	10	2.0
TRICHLOROETHENE	250	50	2.0
TRICHLOROFLUOROMETHANE	ND	20	2.0
VINYL CHLORIDE	ND	5.0	5.0
XYLENES (TOTAL)	ND	20	5.0
M/P-XYLENES	ND	10	5.0
O-XYLENE	ND	10	2.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/28/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/28/10
Batch No.	: 101614	Date Extracted:	10/05/10 02:07
Sample ID:	MW-70-43A-A10	Date Analyzed:	10/05/10 02:07
Lab Samp ID:	1614-07R	Dilution Factor:	1
Lab File ID:	RJW120	Matrix	: WATER
Ext Btch ID:	VD06J05	% Moisture	: NA
Calib. Ref.:	RJW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	11	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	5.7J	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	110	10	5.0
BENZENE	0.51J	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.40
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	0.31J	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	3.0	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	0.46J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	5.2	2.0	0.20
M/P-XYLENES	3.3	1.0	0.50
O-XYLENE	1.9	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	101	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IN SITE 70.	Date Received:	10/02/10
Batch No.	: 101614	Date Extracted:	10/02/10 06:27
Sample ID:	MBLK1W	Date Analyzed:	10/02/10 06:27
Lab Samp ID:	V006J02B	Dilution Factor:	1
Lab File ID:	RJW031	Matrix	: WATER
Ext Btch ID:	V006J02	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	0.22J	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	2.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	100	70-130
TOLUENE-D8	100	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101614
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1
SAMPLE ID: MBLK1W
LAB SAMP ID: V006J02B
LAB FILE ID: RJW031
DATE EXTRACTED: 10/02/1006:27
DATE ANALYZED: 10/02/1006:27
PREP. BATCH: V006J02
CALIB. REF: RIW064

1
V006J02L
RJW028
10/02/1004:52
10/02/1004:52
V006J02
RIW064

1
V006J02C
RJW029
10/02/1005:24
10/02/1005:24
V006J02
RIW064

% MOISTURE: NA

DATE COLLECTED: NA
DATE RECEIVED: 10/02/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	7.95	79	10.0	7.94	79	0	60-130	30
Benzene	ND	10.0	8.86	89	10.0	9.02	90	2	70-130	30
Chlorobenzene	ND	10.0	9.68	97	10.0	9.87	99	2	70-130	30
Toluene	ND	10.0	9.11	91	10.0	9.23	92	1	70-130	30
Trichloroethene	ND	10.0	8.84	88	10.0	9.20	92	4	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.0	110	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	10.1	101	10.0	10.0	100	70-130
Toluene-d8	10.0	9.83	98	10.0	9.95	99	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/05/10
Batch No.	: 101614	Date Extracted:	10/05/10 01:35
Sample ID:	MBLK2W	Date Analyzed:	10/05/10 01:35
Lab Samp ID:	V006J05Q	Dilution Factor:	1
Lab File ID:	RJW119	Matrix	: WATER
Ext Btch ID:	V006J05	% Moisture	: NA
Calib. Ref.:	RIW064	Instrument ID	: 1-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.20
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.50
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	101	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101614
METHOD: SW 5030B/8260B

MATRIX: WATER
DILUTION FACTOR: 1 | 1 | 1
SAMPLE ID: MBLK2W
LAB SAMP ID: V006J05Q | V006J05L | V006J05C
LAB FILE ID: RJW119 | RJW115 | RJW116
DATE EXTRACTED: 10/05/1001:35 | 10/04/1023:32 | 10/05/1000:02
DATE ANALYZED: 10/05/1001:35 | 10/04/1023:32 | 10/05/1000:02
PREP. BATCH: V006J05 | V006J05 | V006J05
CALIB. REF: RTW064 | RTW064 | RTW064

% MOISTURE: NA
DATE COLLECTED: NA
DATE RECEIVED: 10/05/10

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.61	86	10.0	8.24	82	4	60-130	30
Benzene	ND	10.0	9.76	98	10.0	9.43	94	3	70-130	30
Chlorobenzene	ND	10.0	10.3	103	10.0	10.2	102	1	70-120	30
Toluene	ND	10.0	9.81	98	10.0	9.66	97	2	70-130	30
Trichloroethene	ND	10.0	9.72	97	10.0	9.51	95	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.1	101	10.0	10.1	101	70-140
4-Bromofluorobenzene	10.0	10.1	101	10.0	10.4	104	70-130
Toluene-d8	10.0	9.93	99	10.0	9.90	99	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIW058
Instrument ID: T006
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101614
BFB Injection Date : 09/02/10
BFB Injection Time : 17:36
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.24
75	30.0 - 60.0% of mass 95	43.63
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.72
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	86.40
175	5.0 - 9.0% of mass 174	6.87(7.9)1
176	95.0 - 101.0% of mass 174	83.81(97.0)1
177	5.0 - 9.0% of mass 176	5.57(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	V0061021	RIW059	09/02/10	18:08
2	VSTD0.5	V0061022	RIW060	09/02/10	18:39
3	VSTD01	V0061023	RIW061	09/02/10	19:12
4	VSTD02	V0061024	RIW062	09/02/10	19:45
5	VSTD05	V0061025	RIW063	09/02/10	20:18
6	VSTD010	V0061026	RIW064	09/02/10	20:49
7	VSTD020	V0061027	RIW065	09/02/10	21:22
8	VSTD030	V0061028	RIW066	09/02/10	21:54
9	VSTD040	V0061029	RIW067	09/02/10	22:26
10	VSTD050	V0061030	RIW068	09/02/10	22:57
11	VSTD100	V0061031	RIW069	09/02/10	23:29

FORM V VOA OLM02.0

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1W199
Instrument ID: T006
GC Column: RTX5D2, ID: 0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1DI614
BFB Injection Date : 09/09/10
BFB Injection Time : 09:34
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.78
75	30.0 - 60.0% of mass 95	43.86
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.68
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	79.15
175	5.0 - 9.0% of mass 174	5.90(7.5)1
176	95.0 - 101.0% of mass 174	76.41(96.5)1
177	5.0 - 9.0% of mass 176	5.16(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV00610203	R1W200	09/09/10	10:05

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T006
Beginning DateTime :09/02/10 18:08
Spike Units :PPB
IC File :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :VOC6102

M	IDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	Av_RRF	%_RSD	Av_RT_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	0.236	0.295	0.295	0.308	0.330	0.314	0.315	0.349	0.378	0.307	0.323	0.308	9.31	1.9159
	3	Chloromethane	0.361	0.325	0.355	0.393	0.407	0.406	0.426	0.461	0.438	0.416	0.431	0.402	10.04	2.1753
	4	Vinyl chloride	0.276	0.327	0.367	0.384	0.386	0.359	0.297	0.272	------	------	------	0.334	14.14	2.3765
	5	Bromomethane	------	0.216	0.245	0.277	0.259	0.264	0.272	0.286	0.279	0.272	0.283	0.265	6.02	2.8413
	6	Chloroethane	0.185	0.199	0.251	0.252	0.247	0.245	0.241	0.255	0.247	0.239	0.246	0.237	9.68	2.9386
	7	Dichlorofluoromethane	0.538	0.545	0.592	0.515	0.577	0.586	0.582	0.580	0.576	0.556	0.574	0.565	4.25	2.9818
	8	Trichlorofluoromethane	------	0.325	0.339	0.379	0.400	0.384	0.388	0.426	0.398	0.377	0.399	0.382	7.81	3.2530
5	9	Acrolein	------	------	------	0.004	0.005	0.005	0.006	0.007	0.006	0.006	------	0.006	15.72	3.7679
5	10	Acetone	------	------	------	0.031	0.034	0.030	0.029	0.035	0.028	0.028	0.030	0.031	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.185	0.172	0.175	0.159	0.181	0.182	0.182	0.190	0.182	0.174	0.187	0.179	4.84	3.8019
	12	1,1-Dichloroethene	0.411	0.415	0.451	0.428	0.457	0.457	0.459	0.471	0.456	0.429	0.453	0.444	4.48	4.0194
5	13	tert-Butyl alcohol	------	0.013	0.020	0.015	0.017	0.017	0.017	0.018	0.016	0.015	0.017	0.017	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	0.452	0.480	0.508	0.490	0.525	0.539	0.549	0.539	0.550	0.528	0.564	0.521	6.57	4.4247
	17	Methylene chloride	------	0.464	0.427	0.384	0.389	0.386	0.382	0.372	0.360	0.341	0.353	0.386	9.34	4.6529
5	18	Acrylonitrile	0.046	0.043	0.061	0.046	0.057	0.049	0.050	0.061	0.048	0.047	0.052	0.051	12.28	4.8138
	19	Carbon disulfide	------	0.933	1.162	1.089	1.197	1.140	1.180	1.292	1.259	1.202	1.254	1.171	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	0.393	0.391	0.435	0.390	0.446	0.428	0.429	0.471	0.441	0.421	0.473	0.429	6.81	4.8476
	21	trans-1,2-Dichloroethene	0.412	0.424	0.467	0.439	0.466	0.470	0.469	0.462	0.463	0.436	0.454	0.451	4.49	5.0407
	22	Isopropyl ether (DIPE)	0.994	0.940	1.015	0.984	1.039	1.086	1.099	1.008	1.054	0.997	1.036	1.023	4.51	5.4663
	23	Vinyl acetate	------	0.265	0.374	0.269	0.305	0.282	0.283	0.337	0.282	0.266	0.288	0.289	8.03	5.6277
	24	1,1-Dichloroethane	0.527	0.499	0.575	0.512	0.546	0.560	0.565	0.541	0.554	0.521	0.543	0.535	4.03	5.6284
5	25	2-Butanol	------	------	------	0.011	0.012	0.010	0.011	0.014	0.011	0.011	0.013	0.011	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	0.499	0.513	0.524	0.517	0.553	0.573	0.593	0.584	0.599	0.587	0.641	0.562	7.91	6.0364
5	27	2-Butanone	------	------	0.078	0.061	0.073	0.062	0.064	0.079	0.062	0.060	0.067	0.067	11.77	6.2394
	28	2,2-Dichloropropane	0.276	0.284	0.285	0.262	0.291	0.269	0.275	0.277	0.243	0.242	0.251	0.271	5.57	6.4147
	29	cis-1,2-Dichloroethene	0.357	0.370	0.355	0.341	0.360	0.364	0.366	0.353	0.358	0.342	0.355	0.356	2.52	6.4863
	30	Chloroform	0.469	0.464	0.488	0.470	0.491	0.510	0.512	0.484	0.498	0.472	0.492	0.486	3.36	6.7106
	31	Bromochloromethane	0.205	0.207	0.229	0.205	0.230	0.229	0.227	0.234	0.220	0.208	0.219	0.219	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	0.299	0.307	0.314	0.325	0.325	0.329	0.314	0.316	0.316	3.23	7.0218
	34	1,1,1-Trichloroethane	0.343	0.327	0.355	0.342	0.380	0.385	0.393	0.388	0.388	0.365	0.389	0.368	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	0.073	0.080	0.081	0.087	0.092	0.099	0.102	0.099	0.098	0.110	0.092	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	0.220	0.235	0.217	0.222	0.243	------	------	------	0.228	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	0.142	0.161	0.179	0.164	0.185	0.183	0.186	0.189	0.189	0.177	0.196	0.177	8.90	7.5265
	40	Carbon tetrachloride	0.284	0.295	0.326	0.324	0.370	0.369	0.376	0.387	0.389	0.364	0.434	0.353	11.28	7.6766
	41	1,2-Dichloroethane	0.273	0.260	0.311	0.266	0.303	0.285	0.286	0.302	0.275	0.259	0.284	0.282	6.24	7.9076
	42	Benzene	1.457	1.429	1.438	1.402	1.476	1.451	1.470	1.419	1.459	1.374	1.465	1.440	2.19	7.9319
	43	Trichloroethene	0.392	0.368	0.389	0.389	0.411	0.419	0.430	0.419	0.433	0.411	0.450	0.410	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	0.314	0.327	0.336	0.325	0.346	0.355	0.361	0.346	0.355	0.336	0.362	0.342	4.68	9.1505
	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	0.297	0.307	0.339	0.328	0.369	0.377	0.400	0.394	0.398	0.381	0.425	0.365	11.32	9.5288
	48	Dibromomethane	0.141	0.128	0.150	0.138	0.168	0.149	0.157	0.174	0.153	0.146	0.164	0.151	8.67	9.6193

Sm
9/7/10

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	0.214	0.158	0.203	0.172	0.176	0.215	0.173	0.170	0.194	0.186	11.18	10.0683
51	cis-1,3-Dichloropropene	0.374	0.362	0.394	0.396	0.453	0.468	0.487	0.486	0.468	0.468	0.537	0.445	12.05	10.4218
52	Toluene-d8	------	------	------	1.327	1.355	1.327	1.381	1.363	1.418	1.333	1.357	1.357	2.27	10.8262
53	Toluene	1.433	1.393	1.451	1.412	1.507	1.514	1.528	1.456	1.502	1.417	1.499	1.465	3.22	10.9636
54	Ethyl methacrylate	------	0.159	0.249	0.219	0.283	0.255	0.266	0.300	0.269	0.260	0.303	0.260	12.58	11.2526
55	trans-1,3-Dichloropropene	------	0.234	0.284	0.262	0.321	0.325	0.343	0.355	0.343	0.327	0.368	0.316	13.56	11.2750
5 56	2-Hexanone	------	------	0.128	0.102	0.131	0.112	0.114	0.141	0.113	0.110	0.128	0.120	10.54	11.5527
57	1,1,2-Trichloroethane	0.185	0.175	0.222	0.191	0.226	0.207	0.209	0.224	0.204	0.194	0.218	0.205	8.34	11.5445
58	1,3-Dichloropropane	0.343	0.345	0.412	0.352	0.416	0.387	0.394	0.422	0.390	0.367	0.412	0.386	7.66	11.9890
59	Tetrachloroethene	0.295	0.279	0.290	0.295	0.329	0.329	0.329	0.323	0.327	0.304	0.326	0.31[illegible]	6.14	12.1011
60	Dibromochloromethane	------	0.179	0.199	0.187	0.230	0.234	0.255	0.267	0.257	0.246	------	0.228	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	0.188	0.178	0.201	0.184	0.223	0.206	0.212	0.237	0.213	0.203	0.234	0.207	9.33	12.8199
63	1-Chlorohexane	0.479	0.476	0.533	0.528	0.633	0.619	0.629	0.628	0.608	0.558	0.588	0.571	10.42	13.1069
64	Chlorobenzene	0.901	0.876	0.905	0.889	0.948	0.969	0.989	0.943	0.973	0.917	0.977	0.935	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	0.245	0.228	0.243	0.258	0.283	0.295	0.307	0.288	0.303	0.288	0.315	0.278	10.51	13.6574
66	Ethylbenzene	1.487	1.479	1.530	1.536	1.652	1.668	1.683	1.599	1.605	1.476	1.507	1.566	5.01	13.6764
2 67	m-Xylene & p-Xylene	1.123	1.113	1.118	1.155	1.221	1.240	1.246	1.182	1.207	1.120	1.132	1.169	4.46	13.8142
68	o-Xylene	1.080	1.125	1.116	1.153	1.241	1.277	1.300	1.229	1.257	1.165	1.220	1.197	6.07	14.6315
69	Styrene	------	0.634	0.693	0.727	0.844	0.888	0.940	0.908	0.947	0.901	0.975	0.846	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	3.543	3.663	3.630	3.826	4.317	4.248	4.363	4.083	4.255	3.982	4.046	4.005	6.95	15.3124
72	Bromoform	------	0.189	0.278	0.242	0.312	0.290	0.325	0.371	0.353	0.345	------	0.301	19.34	15.3411
73	1,1,2,2-Tetrachloroethane	0.556	0.564	0.737	0.581	0.729	0.626	0.646	0.742	0.659	0.637	0.722	0.654	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	1.104	1.145	1.111	1.181	1.149	1.225	1.168	1.166	1.156	3.35	15.7898
75	1,2,3-Trichloropropane	------	0.14[illegible]	0.203	0.150	0.186	0.159	0.162	0.191	0.167	0.162	0.184	0.170	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	0.132	0.093	0.127	0.109	0.125	0.141	0.129	0.127	0.137	0.124	11.87	15.4051
77	n-Propylbenzene	4.415	4.440	4.487	4.702	5.440	5.343	5.425	5.084	5.189	4.817	4.891	4.930	7.94	16.0839
78	Bromobenzene	0.840	0.836	0.903	0.906	0.958	0.946	0.972	0.937	0.991	0.948	0.992	0.930	5.77	16.1649
79	1,3,5-Trimethylbenzene	2.733	2.618	2.724	2.910	3.290	3.349	3.356	3.071	3.188	2.978	3.123	3.031	8.60	16.3878
80	2-Chlorotoluene	3.082	2.995	3.010	3.079	3.434	3.404	3.224	3.156	3.121	3.136	3.143	3.162	4.50	16.4230
81	4-Chlorotoluene	2.653	2.511	2.503	2.580	2.651	2.672	2.945	2.555	2.950	2.530	2.641	2.654	5.92	16.5148
82	tert-Butylbenzene	0.644	0.648	0.654	0.696	0.832	0.831	0.843	0.783	0.799	0.751	0.824	0.755	10.65	17.0822
83	1,2,4-Trimethylbenzene	2.726	2.675	2.691	2.846	3.171	3.229	3.277	2.971	3.083	2.898	3.023	2.963	7.25	17.1566
84	sec-Butylbenzene	3.641	3.537	3.562	3.833	4.660	4.627	4.609	4.304	4.270	4.019	4.338	4.127	10.46	17.4997
85	p-Isopropyltoluene	------	2.648	2.625	2.882	3.500	3.579	3.595	3.277	3.318	3.121	3.389	3.193	11.38	17.7692
86	1,3-Dichlorobenzene	1.719	1.655	1.673	1.664	1.843	1.884	1.927	1.775	1.868	1.770	1.846	1.784	5.40	17.9401
87	1,4-Dichlorobenzene	1.681	1.580	1.566	1.623	1.785	1.830	1.851	1.722	1.804	1.700	1.790	1.721	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	2.188	2.245	2.533	3.156	3.333	3.294	3.015	2.980	2.828	3.020	2.859	14.28	18.4736
90	1,2-Dichlorobenzene	1.405	1.323	1.377	1.383	1.525	1.540	1.573	1.472	1.522	1.443	1.533	1.463	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	0.068	0.063	0.087	0.074	0.087	0.108	0.093	0.093	------	0.084	17.73	19.8122
92	1,2,4-Trichlorobenzene	------	0.607	0.631	0.654	0.803	0.893	0.907	0.843	0.850	0.807	0.875	0.787	14.39	20.9153
93	Hexachlorobutadiene	------	0.386	0.386	0.451	0.538	0.575	0.553	0.496	0.544	0.529	0.591	0.505	14.67	21.0907
94	Naphthalene	------	------	0.927	0.827	1.105	1.367	1.146	1.351	1.170	1.158	1.285	1.115	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	0.442	0.473	0.473	0.583	0.640	0.656	0.644	0.622	0.609	0.656	0.580	14.53	21.5870

Spike Amount = Nominal Amount * M

Ave_%RSD : 8.6 Max_%RSD : 19.3

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15

Resp_Ratio = x0 + x1 * Amt_Ratio

Parameter	x0	x1	CCF
Acrolein	-0.00260	0.00637	0.9952
Bromoform	-0.01112	0.34910	0.9982
1,2-Dibromo-3-chloropropane	-0.00473	0.09553	0.9953

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :TD36
Beginning DateTime :09/02/10 18:08
Spike Units :PPB
IC file :RIW064

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/02/10 23:29
HPChem Method :WD6102

M	IDX	Parameters	.3 18:08 RIW059	.5 18:39 RIW060	1 19:12 RIW061	2 19:45 RIW062	5 20:18 RIW063	10 20:49 RIW064	20 21:22 RIW065	30 21:54 RIW066	40 22:26 RIW067	50 22:57 RIW068	100 23:29 RIW069	AvgRec	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.3561
	2	Dichlorodifluoromethane	77	96	96	100	107	102	102	113	103	98	105	6.1	9.31	1.9159
	3	Chloromethane	90	81	88	98	101	101	106	115	109	103	107	7.8	10.04	2.1753
	4	Vinyl chloride	83	98	110	115	116	107	89	81	------	------	------	12.1	14.14	2.3165
	5	Bromomethane	------	82	92	105	98	100	103	108	105	103	107	5.8	8.02	2.8413
	6	Chloroethane	78	84	106	106	104	103	102	108	104	101	104	6.9	9.68	2.9386
	7	Dichlorofluoromethane	95	96	105	9[illegible]	102	104	103	103	102	98	102	3.5	4.25	2.9818
	8	Trichlorofluoromethane	------	85	89	99	105	101	102	112	104	99	104	5.5	7.81	3.2500
S	9	Acrolein	------	------	------	108	100	91	91	115	96	100	------	6.4	8.9	3.7679
S	10	Acetone	------	------	------	100	110	97	94	113	90	90	97	6.9	9.41	3.8471
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	103	96	98	89	101	102	102	106	102	97	104	3.7	4.84	3.8019
	12	1,1-Dichloroethene	93	93	102	96	103	103	103	106	103	97	102	3.9	4.48	4.0194
S	13	tert-Butyl alcohol	------	76	118	88	100	100	100	106	94	88	100	7.6	11.42	4.1208
	14	Acetonitrile	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	15	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	87	92	98	94	101	103	105	103	106	101	108	5.3	6.57	4.4247
	17	Methylene chloride	------	120	111	99	101	103	99	96	93	88	91	6.4	9.34	4.6529
S	18	Acrylonitrile	90	84	120	90	112	96	98	123	94	92	102	9.8	12.28	4.8138
	19	Carbon disulfide	------	80	99	93	102	97	101	113	108	103	107	6.1	8.80	4.6677
	20	tert-Butyl methyl ether (MTBE)	92	91	101	91	104	100	100	110	103	98	110	5.1	6.81	4.8476
	21	trans-1,2-Dichloroethene	91	94	104	97	103	104	104	102	103	97	101	3.8	4.49	5.0407
	22	Isopropyl ether (DIPE)	97	92	99	96	102	106	107	99	103	97	101	3.5	4.51	5.4663
	23	Vinyl acetate	------	92	109	93	136	98	98	117	98	92	100	6.1	8.03	5.6277
	24	1,1-Dichloroethane	99	93	96	96	102	105	106	101	104	97	101	3.4	4.03	5.6284
S	25	2-Butanol	------	------	------	100	139	91	100	127	100	100	118	8	12.64	5.9276
	26	tert-Butyl ethyl ether (ETBE)	89	91	93	92	98	102	106	104	107	104	114	6.6	7.91	6.0364
S	27	2-Butanone	------	------	116	91	109	93	96	116	93	90	109	9.1	11.17	6.2094
	28	2,2-Dichloropropane	102	105	105	97	107	99	101	102	97	89	93	4.4	5.57	6.4147
	29	cis-1,2-Dichloroethene	100	104	100	96	101	102	103	99	101	96	100	1.9	2.52	6.4863
	30	Chloroform	97	95	100	97	101	105	105	100	102	97	101	2.7	3.36	6.7106
	31	Bromochloromethane	94	95	105	94	105	105	104	107	100	95	100	4.4	5.17	6.9497
	32	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	33	Dibromofluoromethane	------	------	------	95	97	99	103	103	104	99	100	2.4	3.23	7.0218
	34	1,1,1-Trichloroethane	93	87	96	93	103	105	107	105	105	99	106	5.7	6.68	7.2929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	------	79	87	88	95	100	108	111	108	107	120	10.3	12.51	7.6920
	37	1,2-Dichloroethane-d4	------	------	------	96	103	95	97	107	------	------	------	4.1	5.01	7.7631
	38	CHLOROBENZENE-D5	1	1	[illegible]	1	1	1	1	[illegible]	1	1	1	1	0	13.5088
	39	1,1-Dichloropropene	80	91	101	93	105	102	105	107	107	100	111	6.6	8.90	7.5266
	40	Carbon tetrachloride	80	84	92	92	105	105	107	110	113	103	114	9.6	11.29	7.6766
	41	1,2-Dichloroethane	97	92	110	94	107	101	101	107	98	92	101	5	6.24	7.9076
	42	Benzene	101	99	100	97	102	101	102	99	101	95	102	1.7	2.19	7.9319
	43	Trichloroethene	98	90	95	95	100	102	105	102	106	100	110	4.5	5.77	8.8722
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	92	96	98	95	101	104	106	101	104	98	106	3.9	4.68	9.1535
	46	1,4-Dioxane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	47	Bromodichloromethane	81	84	93	90	101	103	110	107	109	104	116	9.3	11.32	9.5283
	48	Dibromomethane	93	85	99	91	111	99	104	113	101	97	109	6.7	8.67	9.6193

SW 8260B

49	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5 50	4-Methyl-2-pentanone	------	------	115	85	109	92	95	116	93	91	104	9.7	11.18	10.0683
51	cis-1,3-Dichloropropene	84	81	89	89	102	105	109	109	110	105	116	10.3	12.05	10.4218
52	Toluene-d8	------	------	------	96	100	98	102	100	104	98	100	1.6	2.27	10.8252
53	Toluene	98	95	99	96	103	103	104	99	103	97	102	2.8	3.22	10.9636
54	Ethyl methacrylate	------	77	96	84	109	98	102	115	103	100	117	9.2	12.58	11.2526
55	trans-1,3-Dichloropropene	------	74	90	83	102	103	109	112	109	103	116	10.7	13.56	11.2750
5 56	2-Hexanone	------	------	107	85	109	93	95	118	94	92	107	9	10.54	11.5527
57	1,1,2-Trichloroethane	90	85	108	93	110	101	102	109	100	95	106	6.7	8.34	11.5445
58	1,3-Dichloropropane	89	89	107	91	108	100	102	109	101	95	107	6.3	7.66	11.9890
59	Tetrachloroethene	94	90	93	95	106	106	106	104	105	98	105	5.6	6.14	12.1011
60	Dibromochloromethane	------	79	87	82	101	103	112	117	113	108	------	11.7	14.12	12.4614
61	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
62	1,2-Dibromoethane	91	86	97	89	108	100	102	114	103	98	113	7.3	9.33	12.8198
63	1-Chlorohexane	84	83	93	92	111	108	110	110	106	98	103	8.9	10.42	13.1089
64	Chlorobenzene	96	94	97	95	101	104	106	101	104	98	104	3.7	4.23	13.5777
65	1,1,1,2-Tetrachloroethane	88	82	87	93	102	106	110	104	109	104	113	8.9	10.51	13.6574
66	Ethylbenzene	95	94	98	98	105	107	107	102	102	94	96	4.4	5.01	13.6764
2 67	m-Xylene & p-Xylene	96	95	96	99	104	106	107	101	103	96	97	3.9	4.46	13.8142
68	o-Xylene	90	94	93	96	104	107	109	103	105	97	102	5.2	6.07	14.6315
69	Styrene	------	75	82	86	100	105	111	107	112	107	115	11.5	14.04	14.6989
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.6791
71	Isopropylbenzene	91	91	91	96	108	106	109	102	106	99	101	5.8	6.95	15.3124
72	Bromoform	------	118	112	85	96	86	95	107	102	100	------	8.6	11	15.3411
73	1,1,2,2-Tetrachloroethane	85	86	113	89	111	96	99	113	101	97	110	8.8	10.71	15.6448
74	4-Bromofluorobenzene	------	------	------	96	99	96	102	99	106	101	101	2.5	3.35	15.7898
75	1,2,3-Trichloropropane	------	83	119	88	109	94	95	112	98	95	108	9.6	11.54	15.9250
76	trans-1,4-Dichloro-2-butene	------	------	106	75	102	88	101	114	104	102	110	8.6	11.87	15.4051
77	n-Propylbenzene	90	90	91	95	110	108	110	103	105	98	99	6.7	7.94	16.0839
78	Bromobenzene	90	90	97	97	103	102	105	101	107	102	107	4.6	5.77	16.1649
79	1,3,5-Trimethylbenzene	90	86	90	96	109	110	111	101	105	98	103	7.1	8.60	16.3878
80	2-Chlorotoluene	97	95	95	97	109	108	102	100	99	99	99	3.3	4.50	16.4230
81	4-Chlorotoluene	100	95	94	97	100	101	111	96	111	95	100	4.2	5.92	16.5146
82	tert-Butylbenzene	85	86	87	92	110	110	112	104	106	99	109	9.2	10.65	17.0822
83	1,2,4-Trimethylbenzene	92	90	91	96	107	109	111	100	104	98	102	6	7.25	17.1566
84	sec-Butylbenzene	88	86	86	93	113	112	112	104	103	97	105	9	10.46	17.4997
85	p-Isopropyltoluene	------	83	82	90	110	112	113	103	104	98	106	9.4	11.38	17.7692
86	1,3-Dichlorobenzene	96	93	94	93	103	106	108	99	105	99	103	4.6	5.40	17.9401
87	1,4-Dichlorobenzene	98	92	91	94	104	106	108	100	105	99	104	4.8	5.82	18.1266
88	Benzyl chloride	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
89	n-Butylbenzene	------	77	79	89	110	117	115	105	104	99	106	11.5	14.28	18.4736
90	1,2-Dichlorobenzene	96	90	94	95	104	105	108	101	104	99	105	4.8	5.61	18.7210
91	1,2-Dibromo-3-chloropropane	------	------	121	91	101	83	93	115	99	98	------	9.1	12.5	19.8122
92	1,2,4-Trichlorobenzene	------	77	80	83	102	113	115	107	108	103	111	11.9	14.39	20.9153
93	Hexachlorobutadiene	------	76	76	89	107	114	110	98	108	105	117	11.9	14.67	21.0907
94	Naphthalene	------	------	83	74	99	96	103	121	105	104	115	10.7	14.56	21.2587
95	1,2,3-Trichlorobenzene	------	76	82	82	101	110	113	111	107	105	113	12.1	14.53	21.5870

See
9/7/15

2024

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TOC6
IC Beginning DateTime :09/02/10 18:08
Spike Amount :10 PPB
CB/CW File :RIW200
IC File :RIW064

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :09/02/10 23:29
HPChem Method :WOD6102
Date_Time :09/09/13 10:05

M	IDX	Parameters	CC_Con	CCX_D	CC_Resp	CORRF	AVRRF	CC_Rtm	AVRtm	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	1276501	1	1	8.344	8.356	0				
	2	Dichlorodifluoromethane	10.711	7.1	420652	0.330	0.308	1.909	1.916	9.31				
	3	Chloromethane	9.249	-7.5	474307	0.372	0.402	2.176	2.175	10.04				
	4	Vinyl chloride	10.778	7.8	458988	0.360	0.334	2.310	2.316	14.14				
	5	Bromomethane	9.135	-8.6	309347	0.242	0.265	2.830	2.841	8.02				
	6	Chloroethane	9.723	-2.8	294152	0.230	0.237	2.934	2.939	9.68				
	7	Dichlorofluoromethane	10.345	3.5	746703	0.585	0.565	2.979	2.982	4.25				
	8	Trichlorofluoromethane	10.524	5.2	512537	0.402	0.382	3.246	3.250	7.81				
5	9	Acrolein	48.933	-2.1	36473	0.006	0.006	3.766	3.768	15.72	-0.0026	0.0064		0.9952
5	10	Acetone	53.988	8.0	210863	0.033	0.031	3.841	3.847	9.41				
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	11.936	19.4	272582	0.214	0.179	3.796	3.802	4.84				
	12	1,1-Dichloroethene	10.423	4.2	591035	0.463	0.444	4.019	4.019	4.48				
5	13	tert-Butyl alcohol	46.927	-6.1	98962	0.016	0.017	4.123	4.121	11.42				
	14	Acetonitrile												
	15	Methyl acetate												
	16	Iodomethane	9.290	-7.1	617362	0.484	0.521	4.420	4.425	6.57				
	17	Methylene chloride	9.781	-2.2	481705	0.377	0.386	4.643	4.653	9.34				
6	18	Acrylonitrile	57.362	-4.4	372689	0.049	0.051	4.807	4.814	12.28				
	19	Carbon disulfide	8.546	-14.5	1277288	1.031	1.171	4.658	4.668	8.80				
	20	tert-Butyl methyl ether (MTBE)	9.485	-5.2	519217	0.407	0.429	4.837	4.848	6.81				
	21	trans-1,2-Dichloroethene	9.439	-5.6	543555	0.426	0.451	5.030	5.041	4.49				
	22	Isopropyl ether (DIPE)	9.163	-8.4	1196615	0.937	1.023	5.461	5.466	4.51				
	23	Vinyl acetate	9.625	-3.8	355365	0.278	0.289	5.624	5.628	8.03				
	24	1,1-Dichloroethane	10.413	4.1	710875	0.557	0.535	5.624	5.628	4.03				
5	25	2-Butanol	41.021	-18.0	60186	0.009	0.011	5.921	5.928	12.64				
	26	tert-Butyl ethyl ether (ETBE)	8.780	-12.2	629847	0.493	0.562	6.025	6.036	7.91				
5	27	2-Butanone	50.479	1.0	433704	0.068	0.067	6.204	6.209	11.17				
	28	2,2-Dichloropropane	12.306	23.1	424970	0.333	0.271	6.412	6.415	5.57				
	29	cis-1,2-Dichloroethene	9.474	-5.9	428327	0.336	0.356	6.47[illegible]	6.486	2.52				
	30	Chloroform	10.527	5.3	653630	0.512	0.486	6.694	6.711	3.36				
	31	Bromochloromethane	10.108	1.1	283018	0.222	0.219	6.947	6.950	5.17				
	32	Tetrahydrofuran												
	33	Dibromofluoromethane	9.395	-6.0	378840	0.297	0.316	7.021	7.022	3.23				
	34	1,1,1-Trichloroethane	10.939	9.4	513845	0.403	0.368	7.289	7.293	6.68				
	35	Cyclohexane												
	36	tert-Amyl methyl ether (TAME)	8.873	-11.3	104265	0.082	0.092	7.675	7.692	12.51				
	37	1,2-Dichloroethane-d4	9.688	-3.1	281379	0.220	0.228	7.749	7.763	5.01				
	38	CHLOROBENZENE-D5	10.000	0	1110030	1		13.500	13.509	0				
	39	1,1-Dichloropropene	10.305	3.1	202633	0.183	0.177	7.511	7.527	8.90				
	40	Carbon tetrachloride	11.157	11.6	437728	0.394	0.353	7.660	7.677	11.28				
	41	1,2-Dichloroethane	10.375	3.8	325071	0.293	0.282	7.898	7.908	6.24				
	42	Benzene	9.527	-4.7	1522974	1.372	1.440	7.928	7.932	2.19				
	43	Trichloroethene	9.861	-1.4	448973	0.404	0.410	8.864	8.872	5.77				
	44	Methylcyclohexane												
	45	1,2-Dichloropropane	9.968	-0.3	378539	0.341	0.342	9.146	9.151	4.68				
20	46	1,4-Dioxane												
	47	Bromodichloromethane	9.941	-0.6	402525	0.363	0.365	9.518	9.529	11.32				
	48	Dibromomethane	10.103	1.0	169809	0.153	0.151	9.607	9.619	8.67				
	49	2-Chloroethyl vinyl ether												
5	50	4-Methyl-2-pentanone	48.673	-2.7	1005280	0.181	0.186	10.053	10.068	11.18				
	51	cis-1,3-Dichloropropene	10.220	2.2	504647	0.455	0.445	10.409	10.422	12.05				
	52	Toluene-d8	9.702	-3.0	1461977	1.317	1.357	10.825	10.826	2.27				
	53	Toluene	9.806	-1.9	1594327	1.436	1.465	10.959	10.964	3.22				
	54	Ethyl methacrylate	8.866	-11.1	256827	0.231	0.260	11.242	11.253	12.58				
	55	trans-1,3-Dichloropropene	10.695	6.9	375396	0.338	0.316	11.256	11.275	13.56				
5	56	2-Hexanone	47.918	-4.2	636964	0.115	0.120	11.539	11.553	10.54				
	57	1,1,2-Trichloroethane	10.232	2.3	232957	0.210	0.205	11.539	11.545	8.34				
	58	1,3-Dichloropropane	10.202	2.0	436670	0.393	0.386	11.985	11.989	7.66				
	59	Tetrachloroethene	10.116	1.2	349639	0.315	0.311	12.089	12.101	6.14				
	60	Dibromochloromethane	10.018	0.2	253819	0.229	0.228	12.445	12.461	14.12				
	61	2-Ethyl-1-butanol												
	62	1,2-Dibromoethane	10.128	1.3	232783	0.210	0.207	12.802	12.820	9.33				
	63	1-Chlorohexane	9.686	-3.1	613630	0.553	0.571	13.099	13.109	10.42				
	64	Chlorobenzene	9.978	-0.2	1035740	0.933	0.935	13.560	13.578	4.23				

5-2-2

Sc-
Cyclic

65	1,1,1,2-Tetrachloroethane	10.188	1.9	313941	0.283	0.278	13.649	13.657	10.51				
66	Ethylbenzene	10.326	3.3	1794864	1.617	1.566	13.664	13.676	5.01				
2 67	m-Xylene & p-Xylene	20.006	0.0	2595918	1.169	1.169	13.798	13.814	4.46				
68	o-Xylene	9.862	-1.4	1309965	1.180	1.197	14.615	14.632	6.07				
69	Styrene	9.168	-8.3	860779	0.775	0.846	14.689	14.699	14.04				
70	1,2-DICHLOROBENZENE-D4	10.000	0	412452	1	1	18.672	18.679	0				
71	Isopropylbenzene	10.626	6.3	1755477	4.256	4.005	15.299	15.312	6.95				
72	Bromoform	9.045	-9.5	125664	0.305	0.301	15.328	15.341	19.34	-0.0111	0.3491		0.9982
73	1,1,2,2-Tetrachloroethane	10.056	0.6	271430	0.658	0.654	15.626	15.645	10.71				
74	4-Bromofluorobenzene	9.501	-5.0	453055	1.098	1.156	15.774	15.790	3.35				
75	1,2,3-Trichloropropane	10.028	0.3	70472	0.171	0.170	15.923	15.925	11.54				
76	trans-1,4-Dichloro-2-butene	9.174	-8.3	47035	0.114	0.124	15.403	15.405	11.87				
77	n-Propylbenzene	10.194	1.9	2073104	5.026	4.930	16.071	16.084	7.94				
78	Bromobenzene	9.771	-2.3	374777	0.909	0.930	16.146	16.165	5.77				
79	1,3,5-Trimethylbenzene	10.127	1.3	1266090	3.070	3.031	16.369	16.388	8.60				
80	2-Chlorotoluene	10.037	0.4	1309162	3.174	3.162	16.413	16.423	4.50				
81	4-Chlorotoluene	9.589	-4.1	1049657	2.545	2.654	16.502	16.515	5.92				
82	tert-Butylbenzene	10.647	6.5	331575	0.804	0.755	17.067	17.082	10.65				
83	1,2,4-Trimethylbenzene	9.952	-0.5	1216215	2.949	2.963	17.141	17.157	7.25				
84	sec-Butylbenzene	10.645	6.5	1812107	4.393	4.127	17.483	17.500	10.46				
85	p-Isopropyltoluene	10.460	4.6	1377824	3.341	3.193	17.751	17.769	11.38				
86	1,3-Dichlorobenzene	9.786	-2.1	720376	1.746	1.784	17.929	17.940	5.40				
87	1,4-Dichlorobenzene	9.806	-1.9	696056	1.688	1.721	18.122	18.127	5.82				
88	Benzyl chloride												
89	n-Butylbenzene	10.492	4.9	1237312	3.000	2.859	18.464	18.474	14.28				
90	1,2-Dichlorobenzene	9.826	-1.7	593011	1.438	1.463	18.717	18.721	5.61				
91	1,2-Dibromo-3-chloropropane	8.652	-13.5	32142	0.078	0.084	19.802	19.812	17.73	-0.0347	0.0955		0.9953
92	1,2,4-Trichlorobenzene	9.763	-2.4	316910	0.768	0.787	20.901	20.915	14.39				
93	Hexachlorobutadiene	9.703	-3.0	202088	0.490	0.505	21.080	21.091	14.67				
94	Naphthalene	8.556	-14.4	393534	0.954	1.115	21.243	21.259	14.56				
95	1,2,3-Trichlorobenzene	9.044	-9.6	216231	0.524	0.580	21.570	21.587	14.53				

Spike Amount = Nominal Amount * M

2022

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJW026
Instrument ID: T006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101614
BFB Injection Date : 10/02/10
BFB Injection Time : 03:49
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.87
75	30.0 - 60.0% of mass 95	44.15
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.79
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	85.78
175	5.0 - 9.0% of mass 174	6.21(7.2)1
176	95.0 - 101.0% of mass 174	82.34(96.0)1
177	5.0 - 9.0% of mass 176	5.64(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV0061022Z	RJW027	10/02/10	04:21
2	MBLK1W	V006J02B	RJW031	10/02/10	06:27
3	LCS1W	V006J02C	RJW028	10/02/10	04:52
4	LCD1W	V006J02C	RJW029	10/02/10	05:24
5	TB-9/27/10	I614-04	RJW032	10/02/10	06:59
6	MW-70-POC03-A10	I614-01	RJW035	10/02/10	08:32
7	MW-70-POC02-A10	I614-02	RJW036	10/02/10	09:03
8	MW-70-POC02-A10-D	I614-03	RJW037	10/02/10	09:35
9	MW-70-14-A1D	I614-05	RJW038	10/02/10	10:05
10	MW-70-14-A1D-D	I614-06	RJW039	10/02/10	10:36

FORM V VOA DLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAK Inc
Lab Code: EMX1
Lab File ID: R1W064
Instrument ID: 1006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101614
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1442383	8.36	1283967	13.51	480887	18.67
	UPPER LIMIT	2884766	8.86	2567934	14.01	961774	19.17
	LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
	SAMPLE ID						
1	VSTD010	1318701	8.29	1162348	13.42	417889	18.59
2	MBLK1W	1205181	8.30	1082698	13.41	365492	18.60
3	LCS1W	1217503	8.30	1149542	13.41	419619	18.59
4	LCD1W	1282529	8.30	1144316	13.41	423457	18.60
5	TB-9/27/10	1366518	8.29	1194196	13.42	423488	18.59
6	MW-70-POC03-A10	1557267	8.29	1351383	13.41	457868	18.59
7	MW-70-POC02-A10	1525109	8.28	1334114	13.41	472540	18.58
8	MW-70-POC02-A10-D	1533790	8.29	1323712	13.41	469560	18.59
9	MW-70-14-A10	1478870	8.28	1283696	13.41	454060	18.60
10	MW-70-14-A10-D	1511765	8.29	1304356	13.40	435180	18.59

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	91	0.00
2	T	Dichlorodifluoromethane	10.000	6.930	30.7#	62	0.00
3	P,T	Chloromethane	10.000	8.152	18.5	74	0.00
4	C,T	Vinyl chloride	10.000	8.183	18.2	70	0.00
5	T	Bromomethane	10.000	8.333	16.7	77	0.00
6	T	Chloroethane	10.000	8.593	14.1	76	0.00
7	T	Dichlorofluoromethane	10.000	8.509	14.9	75	0.00
8	T	Trichlorofluoromethane	10.000	8.179	18.2	74	0.00
9	T	Acrolein	50.000	26.891	46.2#	51	0.00
10	T	Acetone	50.000	48.827	2.3	92	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	6.576	34.2#	59	0.00
12	CMT	1,1-Dichloroethene	10.000	8.241	17.6	73	-0.01
13	T	tert-Butyl alcohol	50.000	33.201	33.6#	60	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	8.337	16.6	74	0.00
17	T	Methylene chloride	10.000	9.647	3.5	88	-0.01
18	T	Acrylonitrile	50.000	45.735	8.5	86	0.00
19	T	Carbon disulfide	10.000	8.937	10.6	84	0.00
20	T	tert-Butyl methyl ether (MT	10.000	10.967	-9.7	101	-0.01
21	T	trans-1,2-Dichloroethene	10.000	8.904	11.0	78	0.00
22	T	Isopropyl ether (DIPE)	10.000	10.664	-6.6	92	0.00
23	T	Vinyl acetate	10.000	8.084	19.2	76	0.00
24	P,T	1,1-Dichloroethane	10.000	10.338	-3.4	90	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	12.073	-20.7#	108	0.00
27	T	2-Butanone	50.000	45.133	9.7	89	0.00
28	T	2,2-Dichloropropane	10.000	8.475	15.3	78	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.467	5.3	85	0.00
30	C,T	Chloroform	10.000	10.566	-5.7	92	0.00
31	T	Bromochloromethane	10.000	10.110	-1.1	89	-0.01
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.258	-2.6	94	0.00
34	T	1,1,1-Trichloroethane	10.000	9.935	0.6	87	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	11.916	-19.2	109	0.00
37	S	1,2-Dichloroethane-d4	10.000	10.187	-1.9	98	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	91	0.00
39	T	1,1-Dichloropropene	10.000	8.657	13.4	77	0.00
40	T	Carbon tetrachloride	10.000	9.395	6.1	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.314	-3.1	93	-0.01
42	TM	Benzene	10.000	9.417	5.8	85	0.00
43	TM	Trichloroethene	10.000	9.751	2.5	86	0.00
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	10.793	-7.9	94	-0.01
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.373	-13.7	100	-0.01
48	T	Dibromomethane	10.000	10.144	-1.4	93	-0.01
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-0.01
50	T	4-Methyl-2-pentanone	50.000	46.439	7.1	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.320	-3.2	89	0.00
52	S	Toluene-d8	10.000	9.928	0.7	92	-0.01
53	CMT	Toluene	10.000	9.630	3.7	84	-0.01
54	T	Ethyl methacrylate	10.000	8.861	11.4	82	0.00
55	T	trans-1,3-Dichloropropene	10.000	10.031	-0.3	88	-0.01
56	T	2-Hexanone	50.000	46.177	7.6	90	0.00
57	T	1,1,2-Trichloroethane	10.000	9.997	0.0	90	-0.01
58	T	1,3-Dichloropropane	10.000	9.922	0.8	89	-0.01
59	T	Tetrachloroethene	10.000	8.912	10.9	76	0.00
60	T	Dibromochloromethane	10.000	11.253	-12.5	99	-0.01
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	9.741	2.6	88	0.00
63	T	1-Chlorohexane	10.000	9.066	9.3	76	0.00
64	PM	Chlorobenzene	10.000	9.941	0.6	87	0.00
65	T	1,1,1,2-Tetrachloroethane	10.000	11.017	-10.2	94	0.00
66	C,T	Ethylbenzene	10.000	9.979	0.2	85	0.00
67	T	m-Xylene & p-Xylene	20.000	19.541	2.3	83	0.00
68	T	o-Xylene	10.000	10.306	-3.1	87	-0.01
69	T	Styrene	10.000	9.805	2.0	85	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	87	-0.01
71	T	Isopropylbenzene	10.000	10.372	-3.7	85	0.00
72	P,T	Bromoform	10.000	10.158	-1.6	103	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.030	-0.3	91	-0.01
74	S	4-Bromofluorobenzene	10.000	10.233	-2.3	93	-0.01
75	T	1,2,3-Trichloropropane	10.000	9.435	5.6	88	-0.01
76	T	trans-1,4-Dichloro-2-butene	10.000	8.303	17.0	83	0.00
77	T	n-Propylbenzene	10.000	10.313	-3.1	83	0.00
78	T	Bromobenzene	10.000	10.275	-2.8	88	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.335	-3.4	81	-0.01
80	T	2-Chlorotoluene	10.000	10.910	-9.1	88	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	9.925	0.7	86	0.00
82	T	tert-Butylbenzene	10.000	10.440	-4.4	82	0.00
83	T	1,2,4-Trimethylbenzene	10.000	10.232	-2.3	82	0.00
84	T	sec-Butylbenzene	10.000	10.221	-2.2	79	0.00
85	T	p-Isopropyltoluene	10.000	10.002	-0.0	78	-0.01
86	T	1,3-Dichlorobenzene	10.000	10.349	-3.5	85	0.00
87	T	1,4-Dichlorobenzene	10.000	10.357	-3.6	85	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	9.805	2.0	73	0.00
90	T	1,2-Dichlorobenzene	10.000	10.334	-3.3	85	-0.01
91	T	1,2-Dibromo-3-chloropropane	10.000	8.942	10.6	94	-0.01
92	T	1,2,4-Trichlorobenzene	10.000	9.279	7.2	71	0.00
93	T	Hexachlorobutadiene	10.000	10.818	-8.2	83	0.00
94	T	Naphthalene	10.000	7.983	20.2#	72	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.269	7.3	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	91	0.00
2	T	Dichlorodifluoromethane	0.308	0.213	30.8#	62	0.00
3	P,T	Chloromethane	0.402	0.327	18.7	74	0.00
4	C,T	Vinyl chloride	0.334	0.273	18.3	70	0.00
5	T	Bromomethane	0.265	0.221	16.6	77	0.00
6	T	Chloroethane	0.237	0.204	13.9	76	0.00
7	T	Dichlorofluoromethane	0.565	0.481	14.9	75	0.00
8	T	Trichlorofluoromethane	0.382	0.312	18.3	74	0.00
9	T	Acrolein	0.006	0.003	50.0#	51	0.00
10	T	Acetone	0.031	0.030	3.2	92	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.118	34.1#	59	0.00
12	CMT	1,1-Dichloroethene	0.444	0.366	17.6	73	-0.01
13	T	tert-Butyl alcohol	0.017	0.011	35.3#	60	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.434	16.7	74	0.00
17	T	Methylene chloride	0.386	0.372	3.6	88	-0.01
18	T	Acrylonitrile	0.051	0.047	7.8	86	0.00
19	T	Carbon disulfide	1.171	1.046	10.7	84	0.00
20	T	tert-Butyl methyl ether (MT	0.429	0.470	-9.6	101	-0.01
21	T	trans-1,2-Dichloroethene	0.451	0.402	10.9	78	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.091	-6.6	92	0.00
23	T	Vinyl acetate	0.289	0.234	19.0	76	0.00
24	P,T	1,1-Dichloroethane	0.535	0.553	-3.4	90	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.678	-20.6#	108	0.00
27	T	2-Butanone	0.067	0.061	9.0	89	0.00
28	T	2,2-Dichloropropane	0.271	0.229	15.5	78	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.337	5.3	85	0.00
30	C,T	Chloroform	0.486	0.514	-5.8	92	0.00
31	T	Bromochloromethane	0.219	0.222	-1.4	89	-0.01
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.324	-2.5	94	0.00
34	T	1,1,1-Trichloroethane	0.368	0.366	0.5	87	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.110	-19.6	109	0.00
37	S	1,2-Dichloroethane-d4	0.228	0.232	-1.8	98	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	91	0.00
39	T	1,1-Dichloropropene	0.177	0.153	13.6	77	0.00
40	T	Carbon tetrachloride	0.353	0.332	5.9	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.291	-3.2	93	-0.01
42	TM	Benzene	1.440	1.356	5.8	85	0.00
43	TM	Trichloroethene	0.410	0.400	2.4	86	0.00
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.369	-7.9	94	-0.01
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.415	-13.7	100	-0.01
48	T	Dibromomethane	0.151	0.154	-2.0	93	-0.01
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-0.01
50	T	4-Methyl-2-pentanone	0.186	0.173	7.0	91	0.00
51	T	cis-1,3-Dichloropropene	0.445	0.459	-3.1	89	0.00
52	S	Toluene-d8	1.357	1.348	0.7	92	-0.01
53	CMT	Toluene	1.465	1.410	3.8	84	-0.01
54	T	Ethyl methacrylate	0.260	0.231	11.2	82	0.00
55	T	trans-1,3-Dichloropropene	0.316	0.317	-0.3	88	-0.01
56	T	2-Hexanone	0.120	0.111	7.5	90	0.00
57	T	1,1,2-Trichloroethane	0.205	0.205	0.0	90	-0.01
58	T	1,3-Dichloropropane	0.386	0.383	0.8	89	-0.01
59	T	Tetrachloroethene	0.311	0.277	10.9	76	0.00
60	T	Dibromochloromethane	0.228	0.257	-12.7	99	-0.01
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.202	2.4	88	0.00
63	T	1-Chlorohexane	0.571	0.517	9.5	76	0.00
64	PM	Chlorobenzene	0.935	0.930	0.5	87	0.00
65	T	1,1,1,2-Tetrachloroethane	0.278	0.306	-10.1	94	0.00
66	C,T	Ethylbenzene	1.566	1.562	0.3	85	0.00
67	T	m-Xylene & p-Xylene	1.169	1.142	2.3	83	0.00
68	T	o-Xylene	1.197	1.233	-3.0	87	-0.01
69	T	Styrene	0.846	0.829	2.0	85	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	87	-0.01
71	T	Isopropylbenzene	4.005	4.154	-3.7	85	0.00
72	P,T	Bromoform	0.301	0.344	-14.3	103	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.656	-0.3	91	-0.01
74	S	4-Bromofluorobenzene	1.156	1.183	-2.3	93	-0.01
75	T	1,2,3-Trichloropropane	0.170	0.161	5.3	88	-0.01
76	T	trans-1,4-Dichloro-2-butene	0.124	0.103	16.9	83	0.00
77	T	n-Propylbenzene	4.930	5.085	-3.1	83	0.00
78	T	Bromobenzene	0.930	0.956	-2.8	88	0.00
79	T	1,3,5-Trimethylbenzene	3.031	3.133	-3.4	81	-0.01
80	T	2-Chlorotoluene	3.162	3.450	-9.1	88	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J01\RJW027.D Vial: 2
Acq On : 2 Oct 2010 4:21 am Operator: SD
Sample : CVO06I0227 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.634	0.8	86	0.00
82	T	tert-Butylbenzene	0.755	0.788	-4.4	82	0.00
83	T	1,2,4-Trimethylbenzene	2.963	3.032	-2.3	82	0.00
84	T	sec-Butylbenzene	4.127	4.218	-2.2	79	0.00
85	T	p-Isopropyltoluene	3.193	3.194	-0.0	78	-0.01
86	T	1,3-Dichlorobenzene	1.784	1.846	-3.5	85	0.00
87	T	1,4-Dichlorobenzene	1.721	1.782	-3.5	85	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	2.803	2.0	73	0.00
90	T	1,2-Dichlorobenzene	1.463	1.512	-3.3	85	-0.01
91	T	1,2-Dibromo-3-chloropropane	0.084	0.081	3.6	94	-0.01
92	T	1,2,4-Trichlorobenzene	0.787	0.730	7.2	71	0.00
93	T	Hexachlorobutadiene	0.505	0.546	-8.1	83	0.00
94	T	Naphthalene	1.115	0.890	20.2#	72	0.00
95	T	1,2,3-Trichlorobenzene	0.580	0.537	7.4	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJW113
Instrument ID: T006
GC Column: RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101614
BFB Injection Date : 10/04/10
BFB Injection Time : 22:30
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.65
75	30.0 - 60.0% of mass 95	44.11
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.62
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	83.72
175	5.0 - 9.0% of mass 174	6.21(7.4)1
176	95.0 - 101.0% of mass 174	81.10(96.9)1
177	5.0 - 9.0% of mass 176	5.03(6.2)2

1-value is % mass 174 2-value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV00610230	RJW114	10/04/10	23:01
2	MBLK2W	V006J05G	RJW119	10/05/10	01:35
3	LCS2W	V006J05L	RJW115	10/04/10	23:32
4	LCD2W	V006J05C	RJW116	10/05/10	00:02
5	MW-70-43A-A10	I614-07R	RJW120	10/05/10	02:07
6	MW-70-14-A10DL	I614-05T	RJW127	10/05/10	05:46
7	MW-70-14-A10-DDL	I614-06T	RJW128	10/05/10	06:18

FORM V VOA DIM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: ENXT
Lab File ID: R1W064
Instrument ID: T006
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101614
Date Analyzed: 09/02/10
Time Analyzed: 20:49
Heated Purge: (Y/N) N

	IS1(DFB)		IS2(CBZ)		IS3(DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1442303	8.36	1283967	13.51	480887	18.67
UPPER LIMIT	2884762	8.86	2567934	14.01	961774	19.17
LOWER LIMIT	721192	7.86	641984	13.01	240444	18.17
SAMPLE ID						
1 VSTD010	1269307	8.28	1115287	13.41	399311	18.60
2 MBLK2W	1378592	8.29	1179622	13.42	405347	18.59
3 LCS2W	1254864	8.29	1082624	13.40	385843	18.59
4 LCD2W	1301171	8.28	1139528	13.41	389404	18.60
5 MW-70-43A-A10	1314286	8.28	1127479	13.41	388305	18.60
6 MW-70-14-A10DL	1248608	8.28	1083585	13.41	376431	18.60
7 MW-70-14-A10-DDL	1313067	8.29	1161340	13.42	395980	18.59

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	10.000	7.536	24.6#	65	0.00
3	P,T	Chloromethane	10.000	9.446	5.5	82	0.02
4	C,T	Vinyl chloride	10.000	9.087	9.1	74	0.00
5	T	Bromomethane	10.000	9.433	5.7	83	0.00
6	T	Chloroethane	10.000	9.823	1.8	84	0.00
7	T	Dichlorofluoromethane	10.000	9.476	5.2	80	0.00
8	T	Trichlorofluoromethane	10.000	9.373	6.3	82	0.00
9	T	Acrolein	50.000	24.559	50.9#	44	0.00
10	T	Acetone	50.000	57.718	-15.4	104	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	7.100	29.0#	61	0.00
12	CMT	1,1-Dichloroethene	10.000	8.740	12.6	75	0.00
13	T	tert-Butyl alcohol	50.000	46.295	7.4	80	0.00
14	T	Acetonitrile	-1.000	0.000	0.0	0	0.00
15	T	Methyl acetate	-1.000	0.000	0.0	0	-6.58#
16	T	Iodomethane	10.000	7.245	27.5#	62	-0.04
17	T	Methylene chloride	10.000	9.855	1.4	87	-0.02
18	T	Acrylonitrile	50.000	49.007	2.0	89	0.00
19	T	Carbon disulfide	10.000	11.307	-13.1	102	0.00
20	T	tert-Butyl methyl ether (MT	10.000	11.369	-13.7	100	-0.02
21	T	trans-1,2-Dichloroethene	10.000	9.412	5.9	79	0.00
22	T	Isopropyl ether (DIPE)	10.000	11.318	-13.2	94	0.00
23	T	Vinyl acetate	10.000	10.149	-1.5	91	0.00
24	P,T	1,1-Dichloroethane	10.000	10.899	-9.0	92	0.00
25	T	2-Butanol	50.000	0.000	100.0#	0	-5.94#
26	T	tert-Butyl ethyl ether (ETB	10.000	11.877	-18.8	102	0.00
27	T	2-Butanone	50.000	51.751	-3.5	98	0.00
28	T	2,2-Dichloropropane	10.000	8.941	10.6	79	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.959	0.4	86	0.00
30	C,T	Chloroform	10.000	11.106	-11.1	93	-0.02
31	T	Bromochloromethane	10.000	10.812	-8.1	91	-0.02
32	T	Tetrahydrofuran	-1.000	0.000	0.0	0	-6.99#
33	S	Dibromofluoromethane	10.000	10.191	-1.9	90	0.00
34	T	1,1,1-Trichloroethane	10.000	9.469	5.3	80	0.00
35	T	Cyclohexane	-1.000	0.000	0.0	0	-10.22#
36	T	tert-Amyl methyl ether (TAM	10.000	11.338	-13.4	100	0.00
37	S	1,2-Dichloroethane-d4	10.000	10.381	-3.8	96	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	87	0.00
39	T	1,1-Dichloropropene	10.000	8.951	10.5	76	0.00
40	T	Carbon tetrachloride	10.000	9.155	8.5	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.827	-8.3	93	-0.02
42	TM	Benzene	10.000	9.871	1.3	85	0.00
43	TM	Trichloroethene	10.000	9.804	2.0	83	-0.02
44	T	Methylcyclohexane	-1.000	0.000	0.0	0	-11.98#
45	C,T	1,2-Dichloropropane	10.000	11.152	-11.5	93	-0.02
46	T	1,4-Dioxane	-1.000	0.000	0.0	0	-9.56#
47	T	Bromodichloromethane	10.000	11.679	-16.8	98	-0.02
48	T	Dibromomethane	10.000	10.453	-4.5	92	-0.02
49	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	0	-0.02
50	T	4-Methyl-2-pentanone	50.000	52.254	-4.5	98	-0.02
51	T	cis-1,3-Dichloropropene	10.000	10.902	-9.0	90	0.00
52	S	Toluene-d8	10.000	10.014	-0.1	89	-0.02
53	CMT	Toluene	10.000	10.128	-1.3	85	-0.02
54	T	Ethyl methacrylate	10.000	7.676	23.2#	68	0.00
55	T	trans-1,3-Dichloropropene	10.000	10.618	-6.2	90	-0.02
56	T	2-Hexanone	50.000	50.809	-1.6	95	0.00
57	T	1,1,2-Trichloroethane	10.000	10.685	-6.9	92	-0.02
58	T	1,3-Dichloropropane	10.000	10.698	-7.0	93	-0.02
59	T	Tetrachloroethene	10.000	9.400	6.0	77	-0.02
60	T	Dibromochloromethane	10.000	11.423	-14.2	97	-0.02
61	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	0	0.00
62	T	1,2-Dibromoethane	10.000	10.002	-0.0	87	0.00
63	T	1-Chlorohexane	10.000	9.527	4.7	76	0.00
64	PM	Chlorobenzene	10.000	10.341	-3.4	87	-0.02
65	T	1,1,1,2-Tetrachloroethane	10.000	11.480	-14.8	94	0.00
66	C,T	Ethylbenzene	10.000	10.464	-4.6	85	0.00
67	T	m-Xylene & p-Xylene	20.000	20.432	-2.2	84	-0.02
68	T	o-Xylene	10.000	10.668	-6.7	87	-0.02
69	T	Styrene	10.000	8.360	16.4	69	0.00
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	83	0.00
71	T	Isopropylbenzene	10.000	10.794	-7.9	84	0.00
72	P,T	Bromoform	10.000	10.134	-1.3	98	0.00
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.689	-6.9	93	-0.02
74	S	4-Bromofluorobenzene	10.000	10.045	-0.4	87	-0.02
75	T	1,2,3-Trichloropropane	10.000	10.177	-1.8	91	-0.02
76	T	trans-1,4-Dichloro-2-butene	10.000	6.810	31.9#	65	-0.02
77	T	n-Propylbenzene	10.000	10.778	-7.8	83	-0.02
78	T	Bromobenzene	10.000	10.562	-5.6	86	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.822	-8.2	81	-0.02
80	T	2-Chlorotoluene	10.000	10.648	-6.5	82	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	11.025	-10.3	91	-0.02
82	T	tert-Butylbenzene	10.000	10.921	-9.2	82	0.00
83	T	1,2,4-Trimethylbenzene	10.000	10.694	-6.9	81	0.00
84	T	sec-Butylbenzene	10.000	10.839	-8.4	80	0.00
85	T	p-Isopropyltoluene	10.000	10.564	-5.6	78	-0.02
86	T	1,3-Dichlorobenzene	10.000	10.530	-5.3	83	0.00
87	T	1,4-Dichlorobenzene	10.000	10.491	-4.9	82	0.00
88	T	Benzyl chloride	-1.000	0.000	0.0	0	-18.33#
89	T	n-Butylbenzene	10.000	10.474	-4.7	75	0.00
90	T	1,2-Dichlorobenzene	10.000	10.609	-6.1	84	-0.02
91	T	1,2-Dibromo-3-chloropropane	10.000	9.002	10.0	91	0.00
92	T	1,2,4-Trichlorobenzene	10.000	9.029	9.7	66	0.00
93	T	Hexachlorobutadiene	10.000	11.106	-11.1	81	0.00
94	T	Naphthalene	10.000	7.711	22.9#	67	0.00
95	T	1,2,3-Trichlorobenzene	10.000	9.336	6.6	70	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	0.308	0.232	24.7#	65	0.00
3	P,T	Chloromethane	0.402	0.379	5.7	82	0.02
4	C,T	Vinyl chloride	0.334	0.303	9.3	74	0.00
5	T	Bromomethane	0.265	0.250	5.7	83	0.00
6	T	Chloroethane	0.237	0.233	1.7	84	0.00
7	T	Dichlorofluoromethane	0.565	0.536	5.1	80	0.00
8	T	Trichlorofluoromethane	0.382	0.358	6.3	82	0.00
9	T	Acrolein	0.006	0.003	50.0#	44#	0.00
10	T	Acetone	0.031	0.035	-12.9	104	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.179	0.127	29.1#	61	0.00
12	CMT	1,1-Dichloroethene	0.444	0.388	12.6	75	0.00
13	T	tert-Butyl alcohol	0.017	0.015	11.8	80	0.00
14	T	Acetonitrile	0.000	0.000	0.0	0#	0.00
15	T	Methyl acetate	0.000	0.000	0.0	0#	-6.58#
16	T	Iodomethane	0.521	0.377	27.6#	62	-0.04
17	T	Methylene chloride	0.386	0.380	1.6	87	-0.02
18	T	Acrylonitrile	0.051	0.050	2.0	89	0.00
19	T	Carbon disulfide	1.171	1.324	-13.1	102	0.00
20	T	tert-Butyl methyl ether (MT	0.429	0.487	-13.5	100	-0.02
21	T	trans-1,2-Dichloroethene	0.451	0.425	5.8	79	0.00
22	T	Isopropyl ether (DIPE)	1.023	1.158	-13.2	94	0.00
23	T	Vinyl acetate	0.289	0.294	-1.7	91	0.00
24	P,T	1,1-Dichloroethane	0.535	0.583	-9.0	92	0.00
25	T	2-Butanol	0.011	0.000	100.0#	0#	-5.94#
26	T	tert-Butyl ethyl ether (ETB	0.562	0.667	-18.7	102	0.00
27	T	2-Butanone	0.067	0.070	-4.5	98	0.00
28	T	2,2-Dichloropropane	0.271	0.242	10.7	79	0.00
29	T	cis-1,2-Dichloroethene	0.356	0.355	0.3	86	0.00
30	C,T	Chloroform	0.486	0.540	-11.1	93	-0.02
31	T	Bromochloromethane	0.219	0.237	-8.2	91	-0.02
32	T	Tetrahydrofuran	0.000	0.000	0.0	0#	-6.99#
33	S	Dibromofluoromethane	0.316	0.322	-1.9	90	0.00
34	T	1,1,1-Trichloroethane	0.368	0.348	5.4	80	0.00
35	T	Cyclohexane	0.000	0.000	0.0	0#	-10.22#
36	T	tert-Amyl methyl ether (TAM	0.092	0.104	-13.0	100	0.00
37	S	1,2-Dichloroethane-d4	0.228	0.236	-3.5	96	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	87	0.00
39	T	1,1-Dichloropropene	0.177	0.159	10.2	76	0.00
40	T	Carbon tetrachloride	0.353	0.324	8.2	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.282	0.306	-8.5	93	-0.02
42	TM	Benzene	1.440	1.421	1.3	85	0.00
43	TM	Trichloroethene	0.410	0.402	2.0	83	-0.02
44	T	Methylcyclohexane	0.000	0.000	0.0	0#	-11.98#
45	C,T	1,2-Dichloropropane	0.342	0.382	-11.7	93	-0.02
46	T	1,4-Dioxane	0.000	0.000	0.0	0#	-9.56#
47	T	Bromodichloromethane	0.365	0.426	-16.7	98	-0.02
48	T	Dibromomethane	0.151	0.158	-4.6	92	-0.02
49	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	0#	-0.02
50	T	4-Methyl-2-pentanone	0.186	0.194	-4.3	98	-0.02
51	T	cis-1,3-Dichloropropene	0.445	0.485	-9.0	90	0.00
52	S	Toluene-d8	1.357	1.359	-0.1	89	-0.02
53	CMT	Toluene	1.465	1.483	-1.2	85	-0.02
54	T	Ethyl methacrylate	0.260	0.200	23.1#	68	0.00
55	T	trans-1,3-Dichloropropene	0.316	0.336	-6.3	90	-0.02
56	T	2-Hexanone	0.120	0.122	-1.7	95	0.00
57	T	1,1,2-Trichloroethane	0.205	0.219	-6.8	92	-0.02
58	T	1,3-Dichloropropane	0.386	0.413	-7.0	93	-0.02
59	T	Tetrachloroethene	0.311	0.293	5.8	77	-0.02
60	T	Dibromochloromethane	0.228	0.261	-14.5	97	-0.02
61	T	2-Ethyl-1-butanol	0.000	0.000	0.0	0#	0.00
62	T	1,2-Dibromoethane	0.207	0.207	0.0	87	0.00
63	T	1-Chlorohexane	0.571	0.544	4.7	76	0.00
64	PM	Chlorobenzene	0.935	0.967	-3.4	87	-0.02
65	T	1,1,1,2-Tetrachloroethane	0.278	0.319	-14.7	94	0.00
66	C,T	Ethylbenzene	1.566	1.638	-4.6	85	0.00
67	T	m-Xylene & p-Xylene	1.169	1.194	-2.1	84	-0.02
68	T	o-Xylene	1.197	1.277	-6.7	87	-0.02
69	T	Styrene	0.846	0.707	16.4	69	0.00
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	83	0.00
71	T	Isopropylbenzene	4.005	4.323	-7.9	84	0.00
72	P,T	Bromoform	0.301	0.343	-14.0	98	0.00
73	P,T	1,1,2,2-Tetrachloroethane	0.654	0.699	-6.9	93	-0.02
74	S	4-Bromofluorobenzene	1.156	1.161	-0.4	87	-0.02
75	T	1,2,3-Trichloropropane	0.170	0.173	-1.8	91	-0.02
76	T	trans-1,4-Dichloro-2-butene	0.124	0.085	31.5#	65	-0.02
77	T	n-Propylbenzene	4.930	5.314	-7.8	83	-0.02
78	T	Bromobenzene	0.930	0.982	-5.6	86	0.00
79	T	1,3,5-Trimethylbenzene	3.031	3.280	-8.2	81	-0.02
80	T	2-Chlorotoluene	3.162	3.367	-6.5	82	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J04\RJW114.D Vial: 2
Acq On : 4 Oct 2010 11:01 pm Operator: SD
Sample : CVO06I0230 Inst : TO06
Misc : 10ppb 8260/50ppb KET-A-ACN-TBA Multiplr: 1.00
MS Integration Params: 524INT.P

Method : D:\HPCHEM\1\METHODS\VO06I02.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Sep 27 06:19:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	2.654	2.926	-10.2	91	-0.02
82	T	tert-Butylbenzene	0.755	0.825	-9.3	82	0.00
83	T	1,2,4-Trimethylbenzene	2.963	3.168	-6.9	81	0.00
84	T	sec-Butylbenzene	4.127	4.473	-8.4	80	0.00
85	T	p-Isopropyltoluene	3.193	3.373	-5.6	78	-0.02
86	T	1,3-Dichlorobenzene	1.784	1.879	-5.3	83	0.00
87	T	1,4-Dichlorobenzene	1.721	1.805	-4.9	82	0.00
88	T	Benzyl chloride	0.000	0.000	0.0	0#	-18.33#
89	T	n-Butylbenzene	2.859	2.995	-4.8	75	0.00
90	T	1,2-Dichlorobenzene	1.463	1.552	-6.1	84	-0.02
91	T	1,2-Dibromo-3-chloropropane	0.084	0.081	3.6	91	0.00
92	T	1,2,4-Trichlorobenzene	0.787	0.711	9.7	66	0.00
93	T	Hexachlorobutadiene	0.505	0.561	-11.1	81	0.00
94	T	Naphthalene	1.115	0.860	22.9#	67	0.00
95	T	1,2,3-Trichlorobenzene	0.580	0.541	6.7	70	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No. 0 ☐

Start Date: 10/2/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -045

BATCH V0067027

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01		026	[illegible]	5ml					8:49am
02		027	V0067027	5ml					
03		028	V0067028	5ml					
04		029	↓ C	↓					
05		030	RINSE	25ml					
06		031	V0067029						
07		032	102614-04		1:10	✓	✓		
08		033	102623-04			✓	✓		
09		034	102634-07			✓	✓		
10		035	102614-01			✓	✓		
11		036	-03			✓	✓		
12		037	-03			✓	✓		
13		038	-05			✓	✓		10%
14		039	-06			✓	✓		10%
15		040	↓ -07			✓	✓		c/o. AR
16		041	102628-02			✓	✓		50%
17		042	102634-04	↓	↓	✓	✓		50/100% 12:10pm
18		043	RINSE						
19		044							
20		045							
21		046							
22		047							
23		048							
24		049-052	↓						
25					rl	10/4/10			

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V0067002

STANDARDS

NAME	ID	CONC (ug/L)
DCC	GV1-16-89-2	
DCC	-21-3	
DCC	-24-3	
DCC	-20-3	
BFB	-36-2	50/250
IS/SURR.	-89-3	
LCS	-35-3	
LCS	GH-15-100-1	
LCS	GV1-16-36-1	

SOLVENT	ID
METHANOL	
DATA FILE	10J01

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: [illegible]

Date Disposed: 10/8/10

Disposed By: [illegible]

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 10/9/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06 -045

BATCH V0067TO 25U

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	0910U3	AEB06J05	5mL					10:30am
02	114	CV016220230	5/5/1/mL					
03	115	V0067J05L	5/5/1/mL					
04	116	↓ C	↓					
05	117	RW55	25mL					
06	118	V0067J05B	↓					
07	119	↓ Q	↓					
08	120	102614-07R	↓	1.0	✓	✓		
09	121	102628-05T	2.5mL	10	✓	✓		
10	122	↓ -07T	5.0mL	5.0	✓	✓		
11	123	102630-03T	0.25mL	100	✓	✓		
12	124	↓ -04T	0.50mL	50	✓	✓		
13	125	-07T	↓	↓	✓	✓		
14	126	↓ -08T	↓	↓	✓	✓		
15	127	102614-05T	2.5mL	10	✓	✓		
16	128	↓ -06T	↓	↓	✓	✓		
17	129	102628-02T	0.50mL	50	✓	✓		
18	130	102634-04T	0.25mL	100	✓	✓		
19	131	102628-07T	1.0mL	25	✓	✓		
20	132	↓ -02R	25mL	1.0	✓	✓		5:36pm
21	133	RW55						
22								
23								
24								
25								10/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/4/10
ICAL ID	V0067#2

STANDARDS

NAME	ID	CONC. (ug/L)
DCC	CV1-16-39-2	
DCC	-21-19	
DCC	-24-19	
DCC	-10-2 10/10/10	
3FB	-26-2	50/250
IS/SURR	-29-3	
LCS	-35-3	
LCS	CV1-15-105-1	
LCS	CV1-16-96-1 10/10/10	

SOLVENT	ID
METHANOL	
DATA FILE	10J04

Electronic Data Archival

Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: [illegible]

Date Disposed: 10/5/10

Disposed By: [illegible]

2011

ANALYSIS LOG FOR VOLATILES

Rev. No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

5-ml Purge ☑ 25-ml Purge

Book # A06 -044

Sample Prep. ID	Date File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH	Matrix W Cl_2	Matrix S	Notes
01	RFW058	RFB06I04	5ml	N/A	N/A	N/A		8:36pm
02	059	V006I021	[illegible]					[illegible] 0.2 / 1.5
03	060	2	[illegible]					0.5 / 2.5
04	061	3	[illegible]					1.0 / 5.0
05	062	4	[illegible]					2.0 / 10
06	063	5	[illegible]					5.0 / 25
07	064	6	[illegible]					10 / 50
08	065	7	[illegible]					20 / 100
09	066	8	[illegible]					30 / 150
10	067	9	[illegible]					40 / 200
11	068	10	[illegible]					50 / 250
12	069	11	[illegible]					100 / 500
13	070	NO/SS						
14	071	V006I04B						
15	072	V006I02B1	[illegible]	N/A	N/A	N/A		[illegible] 10 / 50 / 60
16	073	RINSE						1:37am
17	074	TEST						
18	075							
19								
20								
21								
22								
23								
24								
25								9/2/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006I02
STANDARDS	
NAME	ID / CONC. (ug/L)
DCC A-ACN	V1-16-34-2 / 250
DCC CS_2	-21-3 / -21-1 / 50/250 / 250
DCC 2-BA	-21-1 / -31-3 / 250 / 1250
BFB	-26-2 / 50
IS/SURR	-30-3 / -31-3 / 250 / 250
LCS A-ACN	-25-3 / 250
LCS CS_2	-23-2 / 50/250
LCS 2-BA	-35-3 / V1-12-35D / 250 / 1000
SOLVENT	ID
METHANOL	
DATA FILE	10I02
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: [illegible]

Date Disposed: 9/2/10

Disposed By: [illegible]

ATTACH

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A06 -044

BATCH CV0062020-7

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W NI	Matrix W Cl	Matrix S	Notes
01	RED199	RFB06211	5mL					9:38am
02	200	IV006202 03**	[illegible]					
03	201	CV006202 07	[illegible]					
04	202	V006211L	[illegible]					
05	203	↓ C	↓					
06	204	RIDSE	25mL					
07	205	V006211B	↓					
08	206	↓ Q	↓					
09	207	102066-01I	0.10mL	250	12	25		
10	208	-02I	↓	↓	12	25		
11	209	-03T	0.25mL	100	12	25		
12	210	-04T	0.50mL	50	12	25		
13	211	-05T	0.25mL	100	12	25		
14	212	↓ -06R	25mL	1.0	12	25		
15	213	RIDSE						
16	214	102093-06	25mL	1.0	12	25		
17	215	-07T	0.50mL	50	12	25		
18	216	-01	25mL	1.0	12	25		
19	217	-02	↓	↓	12	25		
20	218	-03	↓	↓	12	25		
21	219	-04	↓	↓	12	25		
22	220	↓ -05	↓	↓	12	25		
23	221	RIDSE						9:26pm
24	222	102093-07	25mL	1.0	12	25		9:56pm
25	223-226	RIDSE						SD 9/10/10

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	9/2/10
ICAL ID	V006202
STANDARDS	
NAME	ID / CONC. (ug/L)
DCB	250
DDE	50/250
DDE	250
DOC 2-BA	250 / 1250
BFB	50
IS/SURR	-33-1 / 250
LCS KET-A-ACN	-35-1 ICV only / -35-3 ACG only / 250 / 250
LCS BAB/Mel and ACN	SVI-15-100-1 / 50/250
LCS 2-BA	SVI-16-35-3 / SVI-12-3-0 / 250 / 1000
SOLVENT	ID
METHANOL	
DATA FILE	10709
Electronic Data Archival	
Location	Date
HPCHEM_VOA/TOB	

Comments: **Not valid for projects requiring verification of dibromochloropropane at 1/-20%

Analyzed By: [illegible]

Date Disposed: 9/10/10

Disposed By: [illegible]

OCT 25 2010

TABLE OF CONTENTS

CLIENT: INSIGHT EEC, INC.

PROJECT: NWS SEAL BEACH, IR SITE 70.

SDG: 10I666

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GC-VOA	METHOD RSK-175	4000 – 4048
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	METHOD 300.0 (M) METHOD SM5310B	8000 – 8044 8045 -- 8059
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-21-2010
EMAX Batch No.: 101666

Attn: Nick Weinberger

Insight EEC, Inc.
3010 E. Miraloma Ave.
Anaheim, CA 92806

Subject: Laboratory Report
Project: NWS SEAL BEACH, IR SITE 70.

Enclosed is the Laboratory report for samples received on 09/30/10.
The data reported relate only to samples listed below :

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SAT50-P13	I666-01	09/28/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SAT35-P13	I666-02	09/29/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SAT36-P13	I666-03	09/29/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SAT46-P13	I666-04	09/29/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC
				TOTAL ORGANIC CARBON
IW-70-SAT31-P13	I666-05	09/29/10	WATER	DISSOLVED GAS
				VOLATILE ORGANICS BY GC/MS
				ORGANIC ACIDS BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
IW-70-SAT16-P13	1666-06	09/29/10	WATER	TOTAL ORGANIC CARBON DISSOLVED GAS VOLATILE ORGANICS BY GC/MS ORGANIC ACIDS BY IC TOTAL ORGANIC CARBON
IW-70-SAT16-P13-D	1666-07	09/29/10	WATER	DISSOLVED GAS VOLATILE ORGANICS BY GC/MS ORGANIC ACIDS BY IC TOTAL ORGANIC CARBON
IW-70-SAT45-P13	1666-08	09/29/10	WATER	DISSOLVED GAS VOLATILE ORGANICS BY GC/MS ORGANIC ACIDS BY IC TOTAL ORGANIC CARBON
IW-70-SAT03-P13	1666-09	09/30/10	WATER	DISSOLVED GAS VOLATILE ORGANICS BY GC/MS ORGANIC ACIDS BY IC TOTAL ORGANIC CARBON
TB-09/28/10	1666-10	09/28/10	WATER	VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

for

Caspar J. Pang
Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that the results included in this report meet all NELAC requirements unless noted in the Case Narrative.

INS. 0501

CHAIN OF CUSTODY

EMAX LABORATORIES, INC
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE:
EMAX CONTROL NO. * 1U1666
PROJECT CODE: 4-14114

CLIENT: INSIGHT GEO INC
PROJECT: NWS SEAL BEACH IN SITE 70
COORDINATOR: NICK WEINBERGER
TEL: 714.678.6700 FAX: 714.678.6711 EMAIL: NWEINBERGER@IGEOI.COM
SEND REPORT TO: NICK WEINBERGER
COMPANY: INSIGHT GEO INC
ADDRESS: 3010 E. MIRALOMA AVE.
ANAHEIM, CA 92806
EMAX PM: Yen Huynh

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC=Ice
GW=Ground Water	HC=HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/Sediment	SY=NaHSO3
WP=Wipes PP=Pure Product	ZA=Zinc Acetate
AR=Air	HS=H2SO4
O=	

ANALYSIS REQUIRED: VOCs (8260B), DISS. GASES (RSK 175), VFAs (300.0M), TOC (5310B)

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE HC	HC	NO	HC	COMMENTS
1	IN-70-SAT 50-P13	IN 70	9/28/10	1427	8	VARIOUS	VARIOUS	GW	III	X	X	X	X	
2	IN-70-SAT 35-P13	IN 70	9/29/10	0837	8	↓	↓	GW	III	X	X	X	X	
3	IN-70-SAT 36-P13	IN 70	9/29/10	0909	8	↓	↓	GW	III	X	X	X	X	ESSENTIALLY WELL
4	IN-70-SAT 46-P13	IN 70	9/29/10	0940	8	↓	↓	GW	III	X	X	X	X	
5	IN-70-SAT 31-P13	IN 70	9/29/10	1015	8	↓	↓	GW	III	X	X	X	X	ESSENTIALLY WELL
6	IN-70-SAT 16-P13	IN 70	9/29/10	1313	8	↓	↓	↓	↓	X	X	X	X	
7	IN-70-SAT 16-P13-D	IN 70	9/29/10	1317	8	↓	↓	↓	↓	X	X	X	X	DUPLICATE
8	IN-70-SAT 45-P13	IN 70	9/29/10	1351	8	VARIOUS	VARIOUS	GW	III	X	X	X	X	ESSENTIALLY WELL
9	IN-70-SAT 03-P13	IN 70	9/30/10	0748	8	VARIOUS	VARIOUS	GW	III	X	X	X	X	
10	TB-09/28/10	IN 70	9/28/10	0700	2	40ml	VOA	GW	III	X				TRIP BLANK

Instructions

Cooler #	Temp. (°C)	Sample #s
1	3.0	

SAMPLER: CHASE BRADDON

COURIER/AIRBILL:

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	9/30/10	1012	Keith Stant
Keith Stant	9/30/10	1512	[signature]

NOTICE: Turnaround time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0700 hrs on next business day. The client is responsible for all costs associated with sample disposal. Samples shall be disposed of as soon as practical (but not prior to 30 days (10 calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by QA Title 22 as nonhazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	See below	ECN 70I666
☐ Client Delivery		Receipient Y-LUNA
☐ Third Party		Date 9-30-10
		Time 1522

COC Inspection

☑ Client Name ☑ Client PM/PC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ Tel # / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ TAT
Safety Issues ☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required
Comments:

Packaging Inspection

Container	☑ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ _____
Temperatures (Cool, 56 °C but not frozen)	☑ Cooler 1 3.0 °C	☐ Cooler 2 ___ °C	☐ Cooler 3 ___ °C	☐ Cooler 4 ___ °C	☐ Cooler 5 ___ °C
	☐ Cooler 6 ___ °C	☐ Cooler 7 ___ °C	☐ Cooler 8 ___ °C	☐ Cooler 9 ___ °C	☐ Cooler 10 ___ °C
Thermometer:	*A - S/N 101541371*	*B - S/N 101541382*			

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-08			F2	R5, R6

REVIEWS

Sample Labeling [signature] Date 9/30/10

SRU [signature] Date 10/01/10

PM [signature] Date 9/30/10

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	D1	Date and/or time is not indicated in COC	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	D2	Date and/or time is not indicated in label	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	D3	Date and/or time is inconsistent in COC vis-à-vis label	R3	Refer to attached instruction
A4		E1	Insufficient preservative	R4	Cancel the analysis
B1	Sample ID is not indicated in COC	E2	Improper preservation	R5	Informed client
B2	Sample ID is not indicated in label	F1	Insufficient Sample	R6	Analyze well with smallest bubble first.
B3	Sample ID is inconsistent in COC vis-à-vis label	F2	Bubble is > 6mm		
B4		G1	Temperature is out of range		
C1	Wrong container	G2	Out of Holding Time		
C2	Broken container	G3	>20% solid particle		
C3	Leaking container	H1			
C4		H2			

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 10I666

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I666

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

A total of ten (10) water samples were received on 09/30/10 for Volatile Organics by GC/MS analysis, Method 5030B/8260B in accordance with USEPA SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

Holding Time
Samples were analyzed within the prescribed holding time. Dilution runs of samples I666-02, -05, -06 and -07 were analyzed within 14 days. Sample vials were labeled preserved with HCL, however pH were >2.

Instrument Performance and Calibration
Instrument tune check was performed prior to calibration. Instrument mass ratios were within specification. Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using secondary source (ICV). Continuing calibration (CCV) was carried on at a frequency required by the project. All project calibration requirements were satisfied. Refer to calibration summary forms for ICAL, ICV and CCV for details.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary form for details.

Lab Control Sample
Three (3) sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for VO67J06L/C were all within QC limits.
Percent recoveries for VO67J08L/C were all within QC limits.
Percent recoveries for VO67J09L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Surrogate
Surrogates were added on QC and field samples. Surrogate recoveries were within project QC limits.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. Manual integration was applied to one to four analytes in samples I666-01, -02, -03, -04, -05, -06, -07 and -09R because of improper integration due to matrix interference. Hence, the original chromatograms were retained with the initialed and dated corrected chromatograms. Manual integrations were concurred by a secondary reviewer. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
Sample vials received for I666-08 have bubbles >6mm. Analysis was performed using vials with the smallest bubbles.
Samples I666-03 and -05 were initially analyzed and reported at dilution due to suspected high concentration.
Although, Trichloroethene in samples I666-01T, -03T and -08T was "J" flagged, the detected concentration was supported by initial calibration.

LAB CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101666
Instrument ID : T-067

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V067J06B	1	NA	10/05/1012:18	10/05/1012:18	RJC127	RIC211	V067J06	Method Blank
LCS1W	V067J06L	1	NA	10/05/1010:43	10/05/1010:43	RJC124	RIC211	V067J06	Lab Control Sample (LCS)
LCD1W	V067J06C	1	NA	10/05/1011:15	10/05/1011:15	RJC125	RIC211	V067J06	LCS Duplicate
IW-70-SAT36-P13DL	I666-03T	500	NA	10/05/1013:54	10/05/1013:54	RJC130	RIC211	V067J06	Diluted Sample
IW-70-SAT35-P13	I666-02	1	NA	10/05/1015:33	10/05/1015:33	RJC133	RIC211	V067J06	Field Sample
IW-70-SAT46-P13	I666-04	1	NA	10/05/1016:05	10/05/1016:05	RJC134	RIC211	V067J06	Field Sample
IW-70-SAT50-P13	I666-01	1	NA	10/05/1016:36	10/05/1016:36	RJC135	RIC211	V067J06	Field Sample
IW-70-SAT36-P13	I666-03	5	NA	10/05/1017:08	10/05/1017:08	RJC136	RIC211	V067J06	Field Sample
IW-70-SAT31-P13	I666-05	5	NA	10/05/1017:40	10/05/1017:40	RJC137	RIC211	V067J06	Field Sample
IW-70-SAT16-P13	I666-06	1	NA	10/05/1018:12	10/05/1018:12	RJC138	RIC211	V067J06	Field Sample
IW-70-SAT16-P13-D	I666-07	1	NA	10/05/1018:43	10/05/1018:43	RJC139	RIC211	V067J06	Field Sample
IW-70-SAT45-P13	I666-08	1	NA	10/05/1019:15	10/05/1019:15	RJC140	RIC211	V067J06	Field Sample
MBLK2W	V067J08B	1	NA	10/07/1013:50	10/07/1013:50	RJC191	RIC211	V067J08	Method Blank
LCS2W	V067J08L	1	NA	10/07/1012:14	10/07/1012:14	RJC188	RIC211	V067J08	Lab Control Sample (LCS)
LCD2W	V067J08C	1	NA	10/07/1012:46	10/07/1012:46	RJC189	RIC211	V067J08	LCS Duplicate
IW-70-SAT16-P13-DDL	I666-07T	50	NA	10/07/1015:57	10/07/1015:57	RJC195	RIC211	V067J08	Diluted Sample
IW-70-SAT03-P13DL	I666-09T	50	NA	10/07/1017:00	10/07/1017:00	RJC197	RIC211	V067J08	Diluted Sample
IW-70-SAT45-P13DL	I666-08T	50	NA	10/07/1018:04	10/07/1018:04	RJC199	RIC211	V067J08	Diluted Sample
IW-70-SAT31-P13DL	I666-05T	250	NA	10/07/1019:07	10/07/1019:07	RJC201	RIC211	V067J08	Diluted Sample
IW-70-SAT35-P13DL	I666-02T	50	NA	10/07/1020:10	10/07/1020:10	RJC203	RIC211	V067J08	Diluted Sample
IW-70-SAT50-P13DL	I666-01T	50	NA	10/07/1020:42	10/07/1020:42	RJC204	RIC211	V067J08	Diluted Sample
TB-09/28/10	I666-10	1	NA	10/07/1021:45	10/07/1021:45	RJC206	RIC211	V067J08	Field Sample
IW-70-SAT03-P13	I666-09R	1	NA	10/07/1022:17	10/07/1022:17	RJC207	RIC211	V067J08	Field Sample
MBLK3W	V067J09B	1	NA	10/09/1014:44	10/09/1014:44	RJC222	RIC211	V067J09	Method Blank
LCS3W	V067J09L	1	NA	10/09/1011:26	10/09/1011:26	RJC217	RIC211	V067J09	Lab Control Sample (LCS)
LCD3W	V067J09Y	1	NA	10/09/1013:35	10/09/1013:35	RJC220	RIC211	V067J09	LCS Duplicate
IW-70-SAT46-P13DL	I666-04T	50	NA	10/09/1015:16	10/09/1015:16	RJC223	RIC211	V067J09	Diluted Sample
IW-70-SAT16-P13DL	I666-06T	50	NA	10/09/1015:48	10/09/1015:48	RJC224	RIC211	V067J09	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/28/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/05/10 16:36
Sample ID: 1W-70-SAT50-P13	Date Analyzed: 10/05/10 16:36
Lab Samp ID: 1666-01	Dilution Factor: 1
Lab File ID: RJC135	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.55J	1.0	0.20
FREON113	0.85J	1.0	0.20
1,1-DICHLOROETHANE	11	1.0	0.20
1,1-DICHLOROETHENE	1.8	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.80	0.50	0.20
1,2-DICHLOROPROPANE	0.95J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	7.7J	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	27	10	5.0
BENZENE	0.23J	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLORDPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.67J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.99J	2.0	0.20
CHLOROFORM	2.9	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	580E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	2.6	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	13	1.0	0.20
TRICHLOROETHENE	130E	5.0	0.20
TRICHLORDFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	240E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	119	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/28/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 20:42
Sample ID: IW-70-SAT50-P13DL	Date Analyzed: 10/07/10 20:42
Lab Samp ID: I666-01T	Dilution Factor: 50
Lab File ID: RJC204	Matrix : WATER
Ext Btch ID: V067J08	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	13J	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	43J	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	1400	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	16J	50	10
TRICHLOROETHENE	140J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	330	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	119	70-140
4-BROMOFLUOROBENZENE	112	70-130
TOLUENE-D8	111	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10I666	Date Extracted: 10/05/10 15:33
Sample ID: IW-70-SAT35-P13	Date Analyzed: 10/05/10 15:33
Lab Samp ID: I666-02	Dilution Factor: 1
Lab File ID: RJC133	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	1.2	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.53	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	56	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	290	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.68J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	2.3	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	1.3J	2.0	0.20
CIS-1,2-DICHLOROETHENE	480E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	2.6	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	11	1.0	0.20
TRICHLOROETHENE	5.3	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	800E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	120	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 20:10
Sample ID: IW-70-SAT35-P13DL	Date Analyzed: 10/07/10 20:10
Lab Samp ID: 1666-02T	Dilution Factor: 50
Lab File ID: RJC203	Matrix : WATER
Ext Btch ID: V067J08	% Moisture : NA
Calib. Ref.: R1C211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	520	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	30J	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	740	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	14J	50	10
TRICHLOROETHENE	ND	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	1300	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	121	70-140
4-BROMOFLUOROBENZENE	114	70-130
TOLUENE-D8	111	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10I666	Date Extracted: 10/05/10 17:08
Sample ID: IW-70-SAT36-P13	Date Analyzed: 10/05/10 17:08
Lab Samp ID: I666-03	Dilution Factor: 5
Lab File ID: RJC136	Matrix : WATER
Ext Btch ID: VG67J06	% Moisture : NA
Calib. Ref.: RTC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	5.0	1.0
1,1,1,2-TETRACHLOROETHANE	ND	5.0	1.0
1,1,2,2-TETRACHLOROETHANE	ND	5.0	1.0
1,1,2-TRICHLOROETHANE	ND	5.0	1.0
FREON113	7.8	5.0	1.0
1,1-DICHLOROETHANE	5.0	5.0	1.0
1,1-DICHLOROETHENE	22	2.5	1.0
1,1-DICHLOROPROPENE	ND	5.0	1.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	10	2.5
1,2-DIBROMOETHANE	ND	5.0	1.0
1,2-DICHLOROBENZENE	ND	5.0	1.0
1,2-DICHLOROETHANE	ND	2.5	1.0
1,2-DICHLOROPROPANE	ND	5.0	1.0
1,2,3-TRICHLOROBENZENE	ND	5.0	1.0
1,2,3-TRICHLORDPROPANE	ND	5.0	2.5
1,2,4-TRICHLOROBENZENE	ND	5.0	1.0
1,2,4-TRIMETHYLBENZENE	ND	5.0	1.0
1,3-DICHLOROBENZENE	ND	5.0	1.0
1,3,5-TRIMETHYLBENZENE	ND	5.0	1.0
1,4-DICHLOROBENZENE	ND	5.0	1.0
2-BUTANONE	79	50	25
2-CHLOROTOLUENE	ND	5.0	1.0
2-HEXANONE	ND	50	25
2,2-DICHLOROPROPANE	ND	5.0	1.0
4-CHLOROTOLUENE	ND	5.0	1.0
4-METHYL-2-PENTANONE	ND	50	25
N-BUTYLBENZENE	ND	5.0	1.0
N-PROPYLBENZENE	ND	5.0	1.0
P-ISOPROPYLTOLUENE	ND	5.0	1.0
SEC-BUTYLBENZENE	ND	5.0	1.0
TERT-BUTYLBENZENE	ND	5.0	1.0
ACETONE	ND	50	25
BENZENE	ND	5.0	1.0
BROMOBENZENE	ND	5.0	1.0
BROMODICHLOROMETHANE	ND	5.0	1.0
CIS-1,3-DICHLOROPROPENE	ND	5.0	1.0
TRANS-1,3-DICHLOROPROPENE	ND	5.0	1.0
BROMOMETHANE	ND	10	1.0
BROMOFORM	ND	5.0	1.5
CARBON DISULFIDE	5.5	5.0	1.0
CARBON TETRACHLORIDE	ND	2.5	1.0
CHLOROBENZENE	ND	5.0	1.0
CHLOROETHANE	ND	10	1.0
CHLOROFORM	26	5.0	1.0
CHLOROMETHANE	ND	10	1.0
CIS-1,2-DICHLOROETHENE	3000E	5.0	1.0
DICHLORODIFLUOROMETHANE	ND	10	1.5
DIBROMOCHLOROMETHANE	ND	5.0	1.0
DIBROMOMETHANE	ND	5.0	1.0
ETHYLBENZENE	ND	5.0	1.0
HEXACHLOROBUTADIENE	ND	5.0	1.0
ISOPROPYL BENZENE	ND	5.0	1.0
METHYLENE CHLORIDE	11	5.0	2.5
MTBE	ND	5.0	1.0
STYRENE	ND	5.0	1.0
TETRACHLOROETHYLENE	ND	5.0	1.0
TOLUENE	ND	5.0	1.0
TRANS-1,2-DICHLOROETHENE	28	5.0	1.0
TRICHLOROETHENE	660E	25	1.0
TRICHLOROFLUOROMETHANE	ND	10	1.0
VINYL CHLORIDE	480E	2.5	1.0
XYLENES (TOTAL)	ND	10	1.0
M/P-XYLENES	ND	5.0	2.5
O-XYLENE	ND	5.0	1.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	108	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10I666	Date Extracted: 10/05/10 13:54
Sample ID: IW-70-SAT36-P130L	Date Analyzed: 10/05/10 13:54
Lab Samp ID: I666-03T	Dilution Factor: 500
Lab File ID: RJC130	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	500	100
1,1,1,2-TETRACHLOROETHANE	ND	500	100
1,1,2,2-TETRACHLOROETHANE	ND	500	100
1,1,2-TRICHLOROETHANE	ND	500	100
FREON113	ND	500	100
1,1-DICHLOROETHANE	ND	500	100
1,1-DICHLOROETHENE	ND	250	100
1,1-DICHLOROPROPENE	ND	500	100
1,2-DIBROMO-3-CHLOROPROPANE	ND	1000	250
1,2-DIBROMOETHANE	ND	500	100
1,2-DICHLOROBENZENE	ND	500	100
1,2-DICHLOROETHANE	ND	250	100
1,2-DICHLOROPROPANE	ND	500	100
1,2,3-TRICHLOROBENZENE	ND	500	100
1,2,3-TRICHLOROPROPANE	ND	500	250
1,2,4-TRICHLOROBENZENE	ND	500	100
1,2,4-TRIMETHYLBENZENE	ND	500	100
1,3-DICHLOROBENZENE	ND	500	100
1,3,5-TRIMETHYLBENZENE	ND	500	100
1,4-DICHLOROBENZENE	ND	500	100
2-BUTANONE	ND	5000	2500
2-CHLOROTOLUENE	ND	500	100
2-HEXANONE	ND	5000	2500
2,2-DICHLOROPROPANE	ND	500	100
4-CHLOROTOLUENE	ND	500	100
4-METHYL-2-PENTANONE	ND	5000	2500
N-BUTYLBENZENE	ND	500	100
N-PROPYLBENZENE	ND	500	100
P-ISOPROPYLTOLUENE	ND	500	100
SEC-BUTYLBENZENE	ND	500	100
TERT-BUTYLBENZENE	ND	500	100
ACETONE	ND	5000	2500
BENZENE	ND	500	100
BROMOBENZENE	ND	500	100
BROMODICHLOROMETHANE	ND	500	100
CIS-1,3-DICHLOROPROPENE	ND	500	100
TRANS-1,3-DICHLOROPROPENE	ND	500	100
BROMOMETHANE	ND	1000	100
BROMOFORM	ND	500	150
CARBON DISULFIDE	ND	500	100
CARBON TETRACHLORIDE	ND	250	100
CHLOROBENZENE	ND	500	100
CHLOROETHANE	ND	1000	100
CHLOROFORM	ND	500	100
CHLOROMETHANE	ND	1000	100
CIS-1,2-DICHLOROETHENE	7300	500	100
DICHLORODIFLUOROMETHANE	ND	1000	150
DIBROMOCHLOROMETHANE	ND	500	100
DIBROMOMETHANE	ND	500	100
ETHYLBENZENE	ND	500	100
HEXACHLOROBUTADIENE	ND	500	100
ISOPROPYL BENZENE	ND	500	100
METHYLENE CHLORIDE	ND	500	250
MTBE	ND	500	100
STYRENE	ND	500	100
TETRACHLOROETHYLENE	ND	500	100
TOLUENE	ND	500	100
TRANS-1,2-DICHLOROETHENE	ND	500	100
TRICHLOROETHENE	680J	2500	100
TRICHLOROFLUOROMETHANE	ND	1000	100
VINYL CHLORIDE	530	250	100
XYLENES (TOTAL)	ND	1000	100
M/P-XYLENES	ND	500	250
O-XYLENE	ND	500	100

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	108	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT46-P13
Lab Samp ID: 1666-04
Lab File ID: RJC134
Ext Btch ID: V067J06
Calib. Ref.: RIC211

Date Collected: 09/29/10
Date Received: 09/30/10
Date Extracted: 10/05/10 16:05
Date Analyzed: 10/05/10 16:05
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	1.2	1.0	0.20
1,1-DICHLOROETHANE	3.1	1.0	0.20
1,1-DICHLOROETHENE	4.5	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.74	0.50	0.20
1,2-DICHLOROPROPANE	0.38J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	90	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	150	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	0.36J	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	0.96J	2.0	0.20
CHLOROFORM	0.98J	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	670E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	5.7	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	11	1.0	0.20
TRICHLOROETHENE	63	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	190E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	122	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10I666	Date Extracted: 10/09/10 15:16
Sample ID: IW-70-SAT46-P130L	Date Analyzed: 10/09/10 15:16
Lab Samp ID: I666-04T	Dilution Factor: 50
Lab File ID: RJC223	Matrix : WATER
Ext Btch ID: V067J09	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLORDETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	2300	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	11J	50	10
TRICHLOROETHENE	654	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	200	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	120	70-130
TOLUENE-D8	116	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/05/10 17:40
Sample ID: 1W-70-SAT31-P13	Date Analyzed: 10/05/10 17:40
Lab Samp ID: 1666-05	Dilution Factor: 5
Lab File ID: RJC137	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	5.0	1.0
1,1,1,2-TETRACHLOROETHANE	ND	5.0	1.0
1,1,2,2-TETRACHLOROETHANE	ND	5.0	1.0
1,1,2-TRICHLOROETHANE	ND	5.0	1.0
FREON113	3.9J	5.0	1.0
1,1-DICHLOROETHANE	4.2J	5.0	1.0
1,1-DICHLOROETHENE	10	2.5	1.0
1,1-DICHLOROPROPENE	ND	5.0	1.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	10	2.5
1,2-DIBROMOETHANE	ND	5.0	1.0
1,2-DICHLOROBENZENE	ND	5.0	1.0
1,2-DICHLOROETHANE	ND	2.5	1.0
1,2-DICHLOROPROPANE	ND	5.0	1.0
1,2,3-TRICHLOROBENZENE	ND	5.0	1.0
1,2,3-TRICHLOROPROPANE	ND	5.0	2.5
1,2,4-TRICHLOROBENZENE	ND	5.0	1.0
1,2,4-TRIMETHYLBENZENE	ND	5.0	1.0
1,3-DICHLOROBENZENE	ND	5.0	1.0
1,3,5-TRIMETHYLBENZENE	ND	5.0	1.0
1,4-DICHLOROBENZENE	ND	5.0	1.0
2-BUTANONE	150	50	25
2-CHLOROTOLUENE	ND	5.0	1.0
2-HEXANONE	38J	50	25
2,2-DICHLOROPROPANE	ND	5.0	1.0
4-CHLOROTOLUENE	ND	5.0	1.0
4-METHYL-2-PENTANONE	ND	50	25
N-BUTYLBENZENE	ND	5.0	1.0
N-PROPYLBENZENE	ND	5.0	1.0
P-ISOPROPYLTOLUENE	ND	5.0	1.0
SEC-BUTYLBENZENE	ND	5.0	1.0
TERT-BUTYLBENZENE	ND	5.0	1.0
ACETONE	260	50	25
BENZENE	ND	5.0	1.0
BROMOBENZENE	ND	5.0	1.0
BROMODICHLOROMETHANE	ND	5.0	1.0
CIS-1,3-DICHLOROPROPENE	ND	5.0	1.0
TRANS-1,3-DICHLOROPROPENE	ND	5.0	1.0
BROMOMETHANE	ND	10	1.0
BROMOFORM	ND	5.0	1.5
CARBON DISULFIDE	6.9	5.0	1.0
CARBON TETRACHLORIDE	ND	2.5	1.0
CHLOROBENZENE	ND	5.0	1.0
CHLOROETHANE	ND	10	1.0
CHLOROFORM	8.1	5.0	1.0
CHLOROMETHANE	ND	10	1.0
CIS-1,2-DICHLOROETHENE	2900E	5.0	1.0
DICHLORODIFLUOROMETHANE	ND	10	1.5
DIBROMOCHLOROMETHANE	ND	5.0	1.0
DIBROMOMETHANE	ND	5.0	1.0
ETHYLBENZENE	ND	5.0	1.0
HEXACHLOROBUTADIENE	ND	5.0	1.0
ISOPROPYL BENZENE	ND	5.0	1.0
METHYLENE CHLORIDE	6.5	5.0	2.5
MTBE	ND	5.0	1.0
STYRENE	ND	5.0	1.0
TETRACHLOROETHYLENE	ND	5.0	1.0
TOLUENE	ND	5.0	1.0
TRANS-1,2-DICHLOROETHENE	28	5.0	1.0
TRICHLOROETHENE	1300E	25	1.0
TRICHLOROFLUOROMETHANE	ND	10	1.0
VINYL CHLORIDE	310E	2.5	1.0
XYLENES (TOTAL)	ND	10	1.0
M/P-XYLENES	ND	5.0	2.5
O-XYLENE	ND	5.0	1.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	121	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	108	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 19:07
Sample ID: IW-70-SAT31-P130L	Date Analyzed: 10/07/10 19:07
Lab Samp ID: I666-05T	Dilution Factor: 250
Lab File ID: RJC201	Matrix : WATER
Ext Btch ID: V067J08	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	250	50
1,1,1,2-TETRACHLOROETHANE	ND	250	50
1,1,2,2-TETRACHLOROETHANE	ND	250	50
1,1,2-TRICHLOROETHANE	ND	250	50
FREON113	ND	250	50
1,1-DICHLOROETHANE	ND	250	50
1,1-DICHLOROETHENE	ND	120	50
1,1-DICHLOROPROPENE	ND	250	50
1,2-DIBROMO-3-CHLOROPROPANE	ND	500	120
1,2-DIBROMOETHANE	ND	250	50
1,2-DICHLOROBENZENE	ND	250	50
1,2-DICHLOROETHANE	ND	120	50
1,2-DICHLOROPROPANE	ND	250	50
1,2,3-TRICHLOROBENZENE	ND	250	50
1,2,3-TRICHLOROPROPANE	ND	250	120
1,2,4-TRICHLOROBENZENE	ND	250	50
1,2,4-TRIMETHYLBENZENE	ND	250	50
1,3-DICHLOROBENZENE	ND	250	50
1,3,5-TRIMETHYLBENZENE	ND	250	50
1,4-DICHLOROBENZENE	ND	250	50
2-BUTANONE	ND	2500	1200
2-CHLOROTOLUENE	ND	250	50
2-HEXANONE	ND	2500	1200
2,2-DICHLOROPROPANE	ND	250	50
4-CHLOROTOLUENE	ND	250	50
4-METHYL-2-PENTANONE	ND	2500	1200
N-BUTYLBENZENE	ND	250	50
N-PROPYLBENZENE	ND	250	50
P-ISOPROPYLTOLUENE	ND	250	50
SEC-BUTYLBENZENE	ND	250	50
TERT-BUTYLBENZENE	ND	250	50
ACETONE	ND	2500	1200
BENZENE	ND	250	50
BROMOBENZENE	ND	250	50
BROMODICHLOROMETHANE	ND	250	50
CIS-1,3-DICHLOROPROPENE	ND	250	50
TRANS-1,3-DICHLOROPROPENE	ND	250	50
BROMOMETHANE	ND	500	50
BROMOFORM	ND	250	75
CARBON DISULFIDE	ND	250	50
CARBON TETRACHLORIDE	ND	120	50
CHLOROBENZENE	ND	250	50
CHLOROETHANE	ND	500	50
CHLOROFORM	ND	250	50
CHLOROMETHANE	ND	500	50
CIS-1,2-DICHLOROETHENE	4900	250	50
DICHLORODIFLUOROMETHANE	ND	500	75
DIBROMOCHLOROMETHANE	ND	250	50
DIBROMOMETHANE	ND	250	50
ETHYLBENZENE	ND	250	50
HEXACHLOROBUTADIENE	ND	250	50
ISOPROPYL BENZENE	ND	250	50
METHYLENE CHLORIDE	ND	250	120
MTBE	ND	250	50
STYRENE	ND	250	50
TETRACHLOROETHYLENE	ND	250	50
TOLUENE	ND	250	50
TRANS-1,2-DICHLOROETHENE	ND	250	50
TRICHLOROETHENE	1400	1200	50
TRICHLOROFLUOROMETHANE	ND	500	50
VINYL CHLORIDE	350	120	50
XYLENES (TOTAL)	ND	500	50
M/P-XYLENES	ND	250	120
O-XYLENE	ND	250	50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	121	70-140
4-BROMOFLUOROBENZENE	111	70-130
TOLUENE-D8	110	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT16-P13
Lab Samp ID: 1666-06
Lab File ID: RJC138
Ext Btch ID: V067J06
Calib. Ref.: RIC211

Date Collected: 09/29/10
Date Received: 09/30/10
Date Extracted: 10/05/10 18:12
Date Analyzed: 10/05/10 18:12
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.48J	1.0	0.20
FREON113	2.6	1.0	0.20
1,1-DICHLOROETHANE	3.0	1.0	0.20
1,1-DICHLOROETHENE	2.9	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.41J	0.50	0.20
1,2-DICHLOROPROPANE	0.24J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	230	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	25	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	460	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	11	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	630E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.28J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	3.7	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.26J	1.0	0.20
TOLUENE	0.22J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	22	1.0	0.20
TRICHLOROETHENE	510E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	270E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	124	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT16-P13DL
Lab Samp ID: 1666-06T
Lab File ID: RJC224
Ext Btch ID: V067J09
Calib. Ref.: RIC211

Date Collected: 09/29/10
Date Received: 09/30/10
Date Extracted: 10/09/10 15:48
Date Analyzed: 10/09/10 15:48
Dilution Factor: 50
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	470J	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	12J	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	1400	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	10
MTBE	ND	50	25
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	22J	50	10
TRICHLOROETHENE	840	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	250	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	122	70-130
TOLUENE-D8	118	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/05/10 18:43
Sample ID: IW-70-SAT16-P13-D	Date Analyzed: 10/05/10 18:43
Lab Samp ID: 1666-07	Dilution Factor: 1
Lab File ID: RJC139	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.46J	1.0	0.20
FREON113	2.5	1.0	0.20
1,1-DICHLOROETHANE	3.0	1.0	0.20
1,1-DICHLOROETHENE	3.0	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.40J	0.50	0.20
1,2-DICHLOROPROPANE	0.26J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	250	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	25	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	490	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.6	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	11	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	610E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.27J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	3.8	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.29J	1.0	0.20
TOLUENE	0.21J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	22	1.0	0.20
TRICHLOROETHENE	500E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	270E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	125	70-140
4-BROMOFLUOROBENZENE	102	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	09/29/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 10I666	Date Extracted:	10/07/10 15:57
Sample ID:	IW-70-SAT16-P13-DDL	Date Analyzed:	10/07/10 15:57
Lab Samp ID:	I666-07T	Dilution Factor:	50
Lab File ID:	RJC195	Matrix	: WATER
Ext Btch ID:	V067J0B	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	530	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	72	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	11J	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	1200	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	22J	50	10
TRICHLOROETHENE	840	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	250	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	108	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT45-P13
Lab Samp ID: 1666-08
Lab File ID: RJC140
Ext Btch ID: V067J06
Calib. Ref.: RIC211

Date Collected: 09/29/10
Date Received: 09/30/10
Date Extracted: 10/05/10 19:15
Date Analyzed: 10/05/10 19:15
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.61J	1.0	0.20
FREON113	0.80J	1.0	0.20
1,1-DICHLOROETHANE	6.4	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	0.48J	0.50	0.20
1,2-DICHLOROPROPANE	0.64J	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	25	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	54	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.5	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	42	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	280E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	3.7	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	0.54J	1.0	0.20
TOLUENE	0.22J	1.0	0.20
TRANS-1,2-DICHLOROETHENE	14	1.0	0.20
TRICHLOROETHENE	180E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	250E	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	125	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	103	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 18:04
Sample ID: IW-70-SAT45-P13DL	Date Analyzed: 10/07/10 18:04
Lab Samp ID: 1666-08T	Dilution Factor: 50
Lab File ID: RJC199	Matrix : WATER
Ext Btch ID: VD67J0B	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	20J	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	44J	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	300	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	16J	50	10
TRICHLOROETHENE	210J	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	370	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT03-P13
Lab Samp ID: I666-09R
Lab File ID: RJC207
Ext Btch ID: V067J08
Calib. Ref.: RIC211

Date Collected: 09/30/10
Date Received: 09/30/10
Date Extracted: 10/07/10 22:17
Date Analyzed: 10/07/10 22:17
Dilution Factor: 1
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	0.52J	1.0	0.20
FREON113	1.5	1.0	0.20
1,1-DICHLOROETHANE	3.0	1.0	0.20
1,1-DICHLOROETHENE	3.6J	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	0.37J	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	95	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	1.2	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	9.8	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	680E	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.21J	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	4.1	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	46	1.0	0.20
TRICHLOROETHENE	500E	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	250E	0.50	0.20
XYLENES (TOTAL)	0.23J	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	0.23J	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	134	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666
Sample ID: IW-70-SAT03-P130L
Lab Samp ID: I666-09T
Lab File ID: RJC197
Ext Btch ID: V067J0B
Calib. Ref.: RIC211

Date Collected: 09/30/10
Date Received: 09/30/10
Date Extracted: 10/07/10 17:00
Date Analyzed: 10/07/10 17:00
Dilution Factor: 50
Matrix : WATER
% Moisture : NA
Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,1,2-TETRACHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
FREON113	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	25	10
1,1-DICHLOROPROPENE	ND	50	10
1,2-DIBROMO-3-CHLOROPROPANE	ND	100	25
1,2-DIBROMOETHANE	ND	50	10
1,2-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	25	10
1,2-DICHLOROPROPANE	ND	50	10
1,2,3-TRICHLOROBENZENE	ND	50	10
1,2,3-TRICHLOROPROPANE	ND	50	25
1,2,4-TRICHLOROBENZENE	ND	50	10
1,2,4-TRIMETHYLBENZENE	ND	50	10
1,3-DICHLOROBENZENE	ND	50	10
1,3,5-TRIMETHYLBENZENE	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
2-BUTANONE	ND	500	250
2-CHLOROTOLUENE	ND	50	10
2-HEXANONE	ND	500	250
2,2-DICHLOROPROPANE	ND	50	10
4-CHLOROTOLUENE	ND	50	10
4-METHYL-2-PENTANONE	ND	500	250
N-BUTYLBENZENE	ND	50	10
N-PROPYLBENZENE	ND	50	10
P-ISOPROPYLTOLUENE	ND	50	10
SEC-BUTYLBENZENE	ND	50	10
TERT-BUTYLBENZENE	ND	50	10
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMOBENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
BROMOMETHANE	ND	100	10
BROMOFORM	ND	50	15
CARBON DISULFIDE	18J	50	10
CARBON TETRACHLORIDE	ND	25	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	100	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	100	10
CIS-1,2-DICHLOROETHENE	1300	50	10
DICHLORODIFLUOROMETHANE	ND	100	15
DIBROMOCHLOROMETHANE	ND	50	10
DIBROMOMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
HEXACHLOROBUTADIENE	ND	50	10
ISOPROPYL BENZENE	ND	50	10
METHYLENE CHLORIDE	ND	50	25
MTBE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHYLENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	45J	50	10
TRICHLOROETHENE	770	250	10
TRICHLOROFLUOROMETHANE	ND	100	10
VINYL CHLORIDE	260	25	10
XYLENES (TOTAL)	ND	100	10
M/P-XYLENES	ND	50	25
O-XYLENE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	114	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: 09/28/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 21:45
Sample ID: TB-09/28/10	Date Analyzed: 10/07/10 21:45
Lab Samp ID: 1666-10	Dilution Factor: 1
Lab File ID: RJC206	Matrix : WATER
Ext Btch ID: V067J0B	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLORDETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLORDPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLORDBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	0.74J	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	122	70-140
4-BROMOFLUOROBENZENE	110	70-130
TOLUENE-D8	110	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 10/05/10
Batch No. : 101666	Date Extracted: 10/05/10 12:18
Sample ID: MBLK1W	Date Analyzed: 10/05/10 12:18
Lab Samp ID: V067J06B	Dilution Factor: 1
Lab File ID: RJC127	Matrix : WATER
Ext Btch ID: V067J06	% Moisture : NA
Calib. Ref.: RIC211	Instrument ID : T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.20
MTBE	ND	1.0	0.50
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	2.0	0.20
XYLENES (TOTAL)	ND	0.50	0.20
M/P-XYLENES	ND	2.0	0.20
O-XYLENE	ND	1.0	0.50
		1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	108	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V067J06B	V067J06L	V067J06C		
LAB FILE ID:	RJC127	RJC124	RJC125		
DATE EXTRACTED:	10/05/1012:18	10/05/1010:43	10/05/1011:15	DATE COLLECTED:	NA
DATE ANALYZED:	10/05/1012:18	10/05/1010:43	10/05/1011:15	DATE RECEIVED:	10/05/10
PREP. BATCH:	V067J06	V067J06	V067J06		
CALIB. REF:	RIC211	RIC211	RIC211		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.65	86	10.0	9.02	90	4	60-130	30
Benzene	ND	10.0	8.70	87	10.0	9.13	91	5	70-130	30
Chlorobenzene	ND	10.0	9.04	90	10.0	9.67	97	7	70-120	30
Toluene	ND	10.0	8.68	87	10.0	9.21	92	6	70-130	30
Trichloroethene	ND	10.0	8.15	82	10.0	8.81	88	8	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.0	110	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	10.1	101	10.0	10.2	102	70-130
Toluene-d8	10.0	10.8	108	10.0	10.8	108	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/07/10
Batch No.	: 101666	Date Extracted:	10/07/10 13:50
Sample ID:	M8LK2W	Date Analyzed:	10/07/10 13:50
Lab Samp ID:	V067J08B	Dilution Factor:	1
Lab File ID:	RJC191	Matrix	: WATER
Ext Btch ID:	V067J08	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	0.33J	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	107	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V067J08B	V067J08L	V067J08C		
LAB FILE ID:	RJC191	RJC188	RJC189		
DATE EXTRACTED:	10/07/1013:50	10/07/1012:14	10/07/1012:46	DATE COLLECTED:	NA
DATE ANALYZED:	10/07/1013:50	10/07/1012:14	10/07/1012:46	DATE RECEIVED:	10/07/10
PREP. BATCH:	V067J08	V067J08	V067J08		
CALIB. REF:	RIC211	RIC211	RIC211		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.00	90	10.0	8.66	87	4	60-130	30
Benzene	ND	10.0	9.17	92	10.0	8.84	88	4	70-130	30
Chlorobenzene	ND	10.0	9.58	96	10.0	9.32	93	3	70-120	30
Toluene	ND	10.0	9.10	91	10.0	8.84	88	3	70-130	30
Trichloroethene	ND	10.0	8.54	85	10.0	8.42	84	1	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.8	108	10.0	10.8	108	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.5	105	70-130
Toluene-d8	10.0	10.7	107	10.0	10.7	107	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: INSIGHT EEC, INC.	Date Collected:	NA
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	10/09/10
Batch No.	: 10I666	Date Extracted:	10/09/10 14:44
Sample ID:	MBLK3W	Date Analyzed:	10/09/10 14:44
Lab Samp ID:	V067J09B	Dilution Factor:	1
Lab File ID:	RJC222	Matrix	: WATER
Ext Btch ID:	V067J09	% Moisture	: NA
Calib. Ref.:	RIC211	Instrument ID	: T-067

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
FREON113	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	0.50	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE	ND	2.0	0.50
1,2-DIBROMOETHANE	ND	1.0	0.20
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	0.50	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-CHLOROTOLUENE	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
2,2-DICHLOROPROPANE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
4-METHYL-2-PENTANONE	ND	10	5.0
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
BROMOMETHANE	ND	2.0	0.20
BROMOFORM	ND	1.0	0.30
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	0.50	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	2.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	2.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	2.0	0.30
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYL BENZENE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
MTBE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHYLENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRICHLOROETHENE	ND	5.0	0.20
TRICHLOROFLUOROMETHANE	ND	2.0	0.20
VINYL CHLORIDE	ND	0.50	0.20
XYLENES (TOTAL)	ND	2.0	0.20
M/P-XYLENES	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	117	70-130
TOLUENE-D8	117	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	V067J09B	V067J09L	V067J09Y		
LAB FILE ID:	RJC222	RJC217	RJC220		
DATE EXTRACTED:	10/09/1014:44	10/09/1011:26	10/09/1013:35	DATE COLLECTED:	NA
DATE ANALYZED:	10/09/1014:44	10/09/1011:26	10/09/1013:35	DATE RECEIVED:	10/09/10
PREP. BATCH:	V067J09	V067J09	V067J09		
CALIB. REF:	RIC211	RIC211	RIC211		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.47	95	10.0	8.01	80	17	60-130	30
Benzene	ND	10.0	10.4	104	10.0	9.09	91	14	70-130	30
Chlorobenzene	ND	10.0	10.7	107	10.0	9.53	95	12	70-120	30
Toluene	ND	10.0	11.2	112	10.0	9.80	98	13	70-130	30
Trichloroethene	ND	10.0	9.27	93	10.0	8.08	81	14	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.4	104	10.0	10.4	104	70-140
4-Bromofluorobenzene	10.0	11.7	117	10.0	11.8	118	70-130
Toluene-d8	10.0	11.8	118	10.0	11.8	118	70-130

INITIAL CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RIC205
Instrument ID: TQ67
GC Column:RTX502.21D:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1DI666
BFB Injection Date : 09/09/10
BFB Injection Time : 19:40
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.98
75	30.0 - 60.0% of mass 95	36.83
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.65
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	84.00
175	5.0 - 9.0% of mass 174	7.14(8.5)1
176	95.0 - 101.0% of mass 174	81.22(96.7)1
177	5.0 - 9.0% of mass 176	5.61(6.9)2

1-Value is % Mass 174 2-Value is % Mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD0.3	VQ67I091	RIC206	09/09/10	20:13
2	VSTD0.5	VQ67I092	RIC207	09/09/10	20:47
3	VSTD01	VQ67I093	RIC208	09/09/10	21:21
4	VSTD02	VQ67I094	RIC209	09/09/10	21:54
5	VSTD05	VQ67I095	RIC210	09/09/10	22:28
6	VSTD010	VQ67I096	RIC211	09/09/10	23:01
7	VSTD020	VQ67I097	RIC212	09/09/10	23:35
8	VSTD030	VQ67I098	RIC213	09/10/10	00:09
9	VSTD040	VQ67I099	RIC214	09/10/10	00:43
10	VSTD050	VQ67I0910	RIC215	09/10/10	01:16
11	VSTD100	VQ67I0911	RIC216	09/10/10	01:50

FORM V VOA OLM02.0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: R1C219
Instrument ID: 1067
GC Column:RTX502.210:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101666
BFB Injection Date : 09/10/10
BFB Injection Time : 09:31
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.98
75	30.0 - 60.0% of mass 95	37.62
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.07
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.80
175	5.0 - 9.0% of mass 174	6.94(8.8)1
176	95.0 - 101.0% of mass 174	77.81(98.7)1
177	5.0 - 9.0% of mass 176	5.49(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	IV0671090I	R1C220	09/10/10	10:08

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T067
Beginning DateTime :09/09/10 20:13
Spike Units :PPB
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/10/10 01:50
HPChem Method :V067109

M	IDX	Parameters	.5 20:13 RIC206	.5 20:47 RIC207	1 21:21 RIC208	2 21:54 RIC209	5 22:28 RIC210	10 23:01 RIC211	20 23:35 RIC212	30 00:09 RIC213	40 00:43 RIC214	50 01:16 RIC215	100 01:50 RIC216	Av_RRF	% RSD	Av_Rt_M
		1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1439
	1	Dichlorodifluoromethane	------	0.235	0.223	0.227	0.263	0.201	0.239	0.245	0.229	0.271	0.269	0.240	9.27	1.9180
	2	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	3	Chloromethane	------	0.366	0.364	0.370	0.418	0.349	0.394	0.393	0.376	0.436	0.429	0.389	7.65	2.1535
	4	Vinyl chloride	------	0.314	0.327	0.330	0.364	0.286	0.300	0.279	0.247	0.270	------	0.302	11.81	2.2843
	5	Bromomethane	------	0.239	0.225	0.233	0.266	0.223	0.252	0.253	0.239	0.276	0.271	0.248	7.66	2.7843
	6	Chloroethane	------	0.196	0.201	0.198	0.233	0.190	0.221	0.218	0.208	0.241	0.237	0.214	8.52	2.8838
	7	Dichlorofluoromethane	0.531	0.511	0.525	0.497	0.546	0.486	0.522	0.522	0.528	0.579	0.580	0.530	5.58	2.9220
	8	Trichlorofluoromethane	------	0.227	0.234	0.261	0.318	0.255	0.303	0.302	0.289	0.337	0.331	0.286	13.83	3.1736
	9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	10	Acrolein	------	0.008	0.008	0.007	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	11.70	3.6624
5	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.199	0.183	0.191	0.178	0.197	0.178	0.189	0.190	0.192	0.209	0.212	0.192	5.77	3.7056
	12	Acetone	------	------	------	0.020	0.020	0.016	0.017	0.017	0.017	0.019	0.018	0.018	8.06	3.7406
5	13	tert-Butyl alcohol	------	------	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.006	0.006	6.53	4.0005
5	14	1,1-Dichloroethene	0.442	0.449	0.466	0.426	0.472	0.423	0.450	0.452	0.456	0.500	0.505	0.458	5.76	3.9012
	15	Acetonitrile	0.047	0.048	0.049	0.046	0.052	0.047	0.051	0.051	0.051	0.057	0.057	0.051	7.26	4.3615
10	16	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	17	Iodomethane	0.515	0.513	0.519	0.485	0.548	0.486	0.522	0.522	0.526	0.583	0.584	0.528	6.20	4.2897
	18	Methylene chloride	0.420	0.379	0.363	0.319	0.348	0.301	0.317	0.323	0.325	0.360	0.357	0.346	9.90	4.5079
	19	Carbon disulfide	1.262	1.020	1.109	1.133	1.317	1.120	1.215	1.221	1.261	1.347	1.355	1.215	8.89	4.5265
	20	Acrylonitrile	0.023	0.028	0.028	0.026	0.029	0.026	0.028	0.029	0.029	0.033	0.032	0.028	9.87	4.6715
5	21	tert-Butyl methyl ether (MTBE)	0.273	0.278	0.284	0.275	0.296	0.265	0.285	0.287	0.289	0.323	0.318	0.288	6.25	4.7048
	22	trans-1,2-Dichloroethene	0.455	0.456	0.462	0.435	0.490	0.437	0.472	0.472	0.480	0.526	0.531	0.474	6.66	4.8910
	23	Isopropyl ether (DIPE)	0.745	0.790	0.830	0.772	0.853	0.760	0.816	0.827	0.836	0.938	0.935	0.827	7.67	5.3088
	24	Vinyl acetate	------	0.195	0.206	0.212	0.242	0.206	0.240	0.233	0.226	0.262	0.255	0.228	9.84	5.4610
	25	1,1-Dichloroethane	0.534	0.518	0.523	0.497	0.557	0.492	0.533	0.532	0.542	0.596	0.599	0.538	6.43	5.4605
	26	2-Butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	27	tert-Butyl ethyl ether (ETBE)	0.403	0.448	0.481	0.458	0.524	0.471	0.500	0.506	0.515	0.573	0.572	0.496	10.28	5.8636
	28	2-Butanone	0.035	0.032	0.036	0.032	0.032	0.030	0.033	0.033	0.034	0.038	0.038	0.034	7.88	6.0378
5	29	2,2-Dichloropropane	0.335	0.360	0.325	0.295	0.312	0.270	0.289	0.283	0.277	0.301	0.285	0.303	9.09	6.2361
	30	cis-1,2-Dichloroethene	0.336	0.337	0.346	0.321	0.362	0.326	0.351	0.351	0.351	0.388	0.388	0.351	6.28	6.3013
	31	Chloroform	0.448	0.433	0.449	0.418	0.460	0.415	0.446	0.445	0.447	0.500	0.496	0.451	5.97	6.5208
	32	Bromochloromethane	0.167	0.172	0.175	0.163	0.189	0.166	0.181	0.180	0.182	0.202	0.202	0.180	7.50	6.7549
	33	Dibromofluoromethane	------	------	0.267	0.201	0.270	0.251	0.256	0.256	0.260	0.292	0.289	0.260	10.19	6.8348
	34	1,1,1-Trichloroethane	0.396	0.366	0.384	0.359	0.402	0.366	0.389	0.391	0.392	0.433	0.428	0.391	6.03	7.0929
	35	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	36	tert-Amyl methyl ether (TAME)	0.053	0.068	0.071	0.070	0.080	0.072	0.076	0.077	0.079	0.085	0.085	0.074	12.27	7.4934
	37	1,2-Dichloroethane-d4	------	------	0.141	0.109	0.139	0.124	0.125	0.129	0.129	0.145	0.144	0.132	8.83	7.5616
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.2527
	39	1,1-Dichloropropene	0.243	0.244	0.239	0.220	0.238	0.218	0.233	0.230	0.232	0.257	0.259	0.238	5.50	7.3257
	40	Carbon tetrachloride	0.462	0.438	0.457	0.412	0.455	0.415	0.452	0.442	0.451	0.493	0.503	0.453	6.11	7.4681
	41	1,2-Dichloroethane	0.204	0.197	0.211	0.198	0.219	0.198	0.209	0.206	0.210	0.232	0.229	0.210	5.73	7.7009
	42	Benzene	1.741	1.655	1.655	1.468	1.636	1.476	1.594	1.565	1.592	1.761	1.699	1.622	5.90	7.7208
	43	Trichloroethene	0.480	0.459	0.479	0.439	0.482	0.442	0.480	0.471	0.476	0.528	0.534	0.479	6.23	8.6521
	44	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	45	1,2-Dichloropropane	0.364	0.342	0.349	0.322	0.359	0.319	0.347	0.343	0.348	0.390	0.390	0.352	6.51	8.9302
20	46	1,4-Dioxane	------	------	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	8.12	9.3292
	47	Bromodichloromethane	0.335	0.350	0.355	0.327	0.363	0.325	0.352	0.347	0.354	0.393	0.392	0.354	6.39	9.3014
	48	Dibromomethane	0.113	0.123	0.133	0.123	0.127	0.124	0.131	0.129	0.132	0.147	0.146	0.130	7.74	9.3879
	49	2-Chloroethyl vinyl ether	------	------	0.043	0.035	0.042	0.039	0.041	0.041	0.042	0.047	0.045	0.042	8.56	9.7991
	50	4-Methyl-2-pentanone	0.088	0.088	0.100	0.094	0.101	0.096	0.102	0.104	0.107	0.120	0.119	0.102	10.58	9.8402
5	51	cis-1,3-Dichloropropene	0.419	0.405	0.433	0.405	0.450	0.404	0.435	0.433	0.436	0.490	0.489	0.436	6.95	10.1875
	52	Toluene-d8	------	------	1.461	1.088	1.470	1.338	1.380	1.378	1.397	1.557	1.536	1.401	9.91	10.5894
	53	Toluene	1.855	1.714	1.739	1.598	1.765	1.596	1.714	1.702	1.727	1.900	------	1.731	5.54	10.7266
	54	Ethyl methacrylate	0.185	0.159	0.170	0.156	0.179	0.163	0.175	0.174	0.178	0.199	0.200	0.176	8.30	11.0216
	55	trans-1,3-Dichloropropene	0.258	0.252	0.271	0.254	0.279	0.252	0.272	0.272	0.277	0.305	0.307	0.273	7.04	11.0363
5	56	2-Hexanone	0.050	0.053	0.057	0.055	0.060	0.058	0.061	0.063	0.064	0.072	0.073	0.060	12.06	11.3183
	57	1,1,2-Trichloroethane	0.139	0.158	0.165	0.150	0.168	0.151	0.162	0.160	0.164	0.180	0.179	0.161	7.42	11.3077
	58	1,3-Dichloropropane	0.270	0.286	0.302	0.274	0.298	0.265	0.286	0.285	0.292	0.323	0.321	0.291	6.55	11.7454
	59	Tetrachloroethene	0.415	0.382	0.396	0.362	0.395	0.367	0.393	0.389	0.391	0.431	0.426	0.395	5.54	11.8505
	60	Dibromochloromethane	0.189	0.192	0.201	0.190	0.209	0.193	0.206	0.205	0.209	0.233	0.231	0.205	7.42	12.2070
	61	1,2-Dibromoethane	0.153	0.161	0.165	0.147	0.164	0.147	0.157	0.157	0.160	0.175	0.175	0.160	5.99	12.5663
	62	1-Chlorohexane	0.861	0.787	0.752	0.687	0.746	0.696	0.739	0.730	0.738	0.807	0.811	0.759	6.88	12.8616

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64	Chlorobenzene	0.979	0.957	0.963	0.923	1.015	0.914	0.977	0.973	0.987	1.083	1.086	0.987	5.64	13.3259
65	Ethylbenzene	1.995	1.881	1.854	1.751	1.955	1.783	1.895	1.884	1.899	2.079	------	1.898	5.05	13.4208
66	1,1,1,2-Tetrachloroethane	0.263	0.273	0.282	0.267	0.300	0.269	0.287	0.285	0.288	0.317	0.312	0.286	6.22	13.4018
2 67	m-Xylene & p-Xylene	1.396	1.312	1.379	1.273	1.435	1.301	1.384	1.376	1.380	1.500	------	1.374	4.82	13.5598
68	o-Xylene	1.465	1.341	1.309	1.210	1.370	1.239	1.308	1.297	1.321	1.450	1.440	1.341	6.23	14.3730
69	Styrene	0.936	0.912	0.962	0.904	1.027	0.929	0.985	0.993	1.005	1.111	1.109	0.988	7.26	14.4395
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.4627
71	Isopropylbenzene	6.674	5.903	5.954	5.380	5.876	5.281	5.981	5.887	5.891	6.490	------	5.932	7.11	15.0526
72	Bromoform	0.235	0.302	0.301	0.285	0.320	0.286	0.328	0.329	0.326	0.367	0.359	0.313	11.84	15.0728
73	1,1,2,2-Tetrachloroethane	0.587	0.528	0.533	0.476	0.511	0.448	0.509	0.493	0.503	0.556	0.548	0.517	7.50	15.3841
74	4-Bromofluorobenzene	------	------	1.309	0.933	1.227	1.093	1.168	1.176	1.170	1.314	1.305	1.188	10.34	15.5278
75	1,2,3-Trichloropropane	0.113	0.123	0.137	0.113	0.118	0.109	0.119	0.119	0.119	0.133	0.131	0.121	7.34	15.6688
76	trans-1,4-Dichloro-2-butene	------	------	0.098	0.094	0.100	0.096	0.110	0.108	0.111	0.123	0.123	0.107	10.29	15.1473
77	n-Propylbenzene	8.370	7.152	7.217	6.560	7.226	6.628	7.393	7.282	7.331	8.007	------	7.317	7.47	15.8209
78	Bromobenzene	1.031	0.948	1.058	0.925	1.033	0.928	1.024	1.026	1.033	1.148	1.148	1.027	7.33	15.8950
79	1,3,5-Trimethylbenzene	4.897	4.415	4.437	4.083	4.465	4.104	4.480	4.406	4.378	4.809	4.691	4.470	5.69	16.1318
80	2-Chlorotoluene	4.942	4.320	4.266	3.837	4.206	3.819	4.299	4.037	3.992	4.436	4.552	4.246	7.75	16.1504
81	4-Chlorotoluene	3.701	3.192	3.305	2.970	3.287	3.015	3.259	3.467	3.489	3.854	3.680	3.383	8.37	16.2515
82	tert-Butylbenzene	1.387	1.146	1.141	1.018	1.105	1.001	1.083	1.063	1.059	1.168	1.152	1.120	9.31	16.8196
83	1,2,4-Trimethylbenzene	4.633	4.139	4.205	3.743	4.277	3.798	4.111	4.126	4.073	4.516	4.513	4.194	6.72	16.8928
84	sec-Butylbenzene	7.220	6.509	6.625	6.021	6.673	6.052	6.581	6.537	6.495	7.198	------	6.591	6.00	17.2331
85	p-Isopropyltoluene	5.315	4.724	4.860	4.413	4.977	4.516	4.876	4.896	4.846	5.327	5.228	4.907	6.07	17.5114
86	1,3-Dichlorobenzene	2.083	1.997	2.097	1.856	2.125	1.923	2.076	2.093	2.073	2.312	2.323	2.087	6.72	17.6817
87	1,4-Dichlorobenzene	2.024	1.943	1.877	1.722	1.960	1.797	1.888	1.920	1.904	2.117	2.138	1.936	6.42	17.8840
88	n-Butylbenzene	5.169	4.509	4.385	4.099	4.662	4.309	4.590	4.651	4.533	5.067	4.795	4.615	6.78	18.2578
89	1,2-Dichlorobenzene	1.597	1.534	1.524	1.384	1.555	1.392	1.482	1.500	1.498	1.662	1.667	1.527	6.07	18.5066
90	1,2-Dibromo-3-chloropropane	------	0.058	0.057	0.057	0.066	0.057	0.063	0.064	0.064	0.073	0.075	0.063	10.47	19.6347
91	1,2,4-Trichlorobenzene	0.840	0.807	0.778	0.716	0.882	0.763	0.761	0.799	0.782	0.894	0.964	0.817	8.80	20.7310
92	Hexachlorobutadiene	0.762	0.664	0.682	0.646	0.755	0.644	0.617	0.618	0.587	0.671	0.747	0.672	8.85	20.9067
93	Naphthalene	------	1.149	0.987	0.821	0.968	0.854	0.860	0.918	0.927	1.063	1.127	0.967	11.82	21.0645
94	1,2,3-Trichlorobenzene	0.620	0.538	0.538	0.519	0.609	0.528	0.525	0.551	0.539	0.614	0.670	0.568	8.93	21.3857

Spike Amount = Nominal Amount * M
Ave_%RSD : 7.8 Max_%RSD : 13.8

SC
9/13/15

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR(%REC)

Instrument ID :TD67
Beginning DateTime :09/09/10 20:13
Spike Units :PPB
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :09/10/10 01:50
HPChem Method :VO67109

M	IDX	Parameters	.3 20:13 RIC206	.5 20:47 RIC207	1 21:21 RIC208	2 21:54 RIC209	5 22:28 RIC210	10 23:01 RIC211	20 23:35 RIC212	30 00:09 RIC213	40 00:43 RIC214	50 01:16 RIC215	100 01:50 RIC216	AvDRec	% RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	1	0	8.1439
	2	Dichlorodifluoromethane	------	98	93	95	110	84	100	102	95	113	112	7.2	9.27	1.9180
	3	Dichlorotetrafluoroethane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	4	Chloromethane	------	94	94	95	107	90	101	101	97	112	110	6.3	7.65	2.1535
	5	Vinyl chloride	------	104	108	109	121	95	99	92	82	89	------	9.4	11.81	2.2843
	6	Bromomethane	------	96	91	94	107	90	102	102	96	111	109	6.4	7.66	2.7843
	7	Chloroethane	------	92	94	93	109	89	103	102	97	113	111	7.3	8.52	2.8838
	8	Dichlorofluoromethane	100	96	99	94	103	92	98	98	100	109	109	4	5.58	2.9220
	9	Trichlorofluoromethane	------	79	82	91	111	89	106	106	101	118	116	11.6	13.83	3.1736
	10	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
5	11	Acrolein	------	114	114	100	86	86	86	86	100	100	100	8.6	11.70	3.6624
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	104	95	99	93	103	93	98	99	100	109	110	4.4	5.77	3.7056
5	13	Acetone	------	------	------	111	111	89	94	94	94	106	100	6.9	8.06	3.7406
5	14	tert-Butyl alcohol	------	------	83	83	100	83	83	83	83	100	100	11.1	6.53	4.0005
	15	1,1-Dichloroethene	97	98	102	93	103	92	98	99	100	109	110	4.3	5.76	3.9012
10	16	Acetonitrile	92	94	96	90	102	92	100	100	100	112	112	5.5	7.26	4.3615
	17	Methyl acetate	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	18	Iodomethane	98	97	98	92	104	92	99	99	100	110	111	4.6	6.20	4.2897
	19	Methylene chloride	121	110	105	92	101	87	92	93	94	104	103	7.8	9.90	4.5079
	20	Carbon disulfide	104	84	91	93	108	92	100	100	104	111	112	7.1	8.89	4.5265
5	21	Acrylonitrile	82	100	100	93	104	93	100	104	104	118	114	6.8	9.87	4.6715
	22	tert-Butyl methyl ether (MTBE)	95	97	99	95	103	92	99	100	100	112	110	4.5	6.25	4.7048
	23	trans-1,2-Dichloroethene	96	96	97	92	103	92	100	100	101	111	112	5	6.66	4.8910
	24	Isopropyl ether (DIPE)	90	96	100	93	103	92	99	100	101	113	113	5.6	7.67	5.3088
	25	Vinyl acetate	------	86	90	93	106	90	105	102	99	115	112	8.2	9.84	5.4610
	26	1,1-Dichloroethane	99	96	97	92	104	91	99	99	101	111	111	4.7	6.43	5.4605
5	27	2-Butanol	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	28	tert-Butyl ethyl ether (ETBE)	81	90	97	92	106	95	101	102	104	116	115	7.9	10.28	5.8636
5	29	2-Butanone	103	94	106	94	94	88	97	97	100	112	112	6.1	7.88	6.0378
	30	2,2-Dichloropropane	111	119	107	97	103	89	95	93	91	99	94	7.2	9.09	6.2361
	31	cis-1,2-Dichloroethene	96	96	99	91	103	93	100	100	100	111	111	4.5	6.28	6.3013
	32	Chloroform	99	96	100	93	102	92	99	99	99	111	110	4.2	5.97	6.5208
	33	Bromochloromethane	93	96	97	91	105	92	101	100	101	112	112	5.7	7.50	6.7549
	34	Dibromofluoromethane	------	------	103	77	104	97	98	98	100	112	111	6.6	10.19	6.8348
	35	1,1,1-Trichloroethane	101	94	98	92	103	94	99	100	100	111	109	4.3	6.03	7.0929
	36	Cyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	37	tert-Amyl methyl ether (TAME)	72	92	96	95	108	97	103	104	107	115	115	9.1	12.27	7.4934
	38	1,2-Dichloroethane-d4	------	------	107	83	105	94	95	98	98	110	109	7.2	8.83	7.5616
	39	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	1	0	13.2527
	40	1,1-Dichloropropene	102	103	100	92	100	92	98	97	97	108	109	4.2	5.50	7.3257
	41	Carbon tetrachloride	102	97	101	91	100	92	100	98	100	109	111	4.3	6.11	7.4681
	42	1,2-Dichloroethane	97	94	100	94	104	94	100	98	100	110	109	4.3	5.73	7.7009
	43	Benzene	107	102	102	91	101	91	98	96	98	109	105	4.7	5.90	7.7208
	44	Trichloroethene	100	96	100	92	101	92	100	98	99	110	111	4.1	6.23	8.6521
	45	Methylcyclohexane	------	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	46	1,2-Dichloropropane	103	97	99	91	102	91	99	97	99	111	111	4.9	6.51	8.9302
20	47	1,4-Dioxane	------	------	100	100	100	100	100	100	100	100	100	0	8.12	9.3292
	48	Bromodichloromethane	95	99	100	92	103	92	99	98	100	111	111	4.5	6.39	9.3014
	49	Dibromomethane	87	95	102	95	98	95	101	99	102	113	112	5.6	7.74	9.3879
	50	2-Chloroethyl vinyl ether	------	------	102	83	100	93	98	98	100	112	107	5.6	8.56	9.7991
5	51	4-Methyl-2-pentanone	86	86	98	92	99	94	100	102	105	118	117	7.8	10.58	9.8402
	52	cis-1,3-Dichloropropene	96	93	99	93	103	93	100	99	100	112	112	5	6.95	10.1875
	53	Toluene-d8	------	------	104	78	105	96	99	98	100	111	110	6.7	9.91	10.5894
	54	Toluene	107	99	100	92	102	92	99	98	100	110	------	3.9	5.54	10.7266
	55	Ethyl methacrylate	105	90	97	89	102	93	99	99	101	113	114	6.2	8.30	11.0216
	56	trans-1,3-Dichloropropene	95	92	99	93	102	92	100	100	101	112	112	5.2	7.04	11.0363
5	57	2-Hexanone	83	88	95	92	100	97	102	105	107	120	122	9.1	12.06	11.3183
	58	1,1,2-Trichloroethane	86	98	102	93	104	94	101	99	102	112	111	5.6	7.42	11.3077
	59	1,3-Dichloropropane	93	98	104	94	102	91	98	98	100	111	110	5	6.55	11.7454
	60	Tetrachloroethene	105	97	100	92	100	93	99	98	99	109	108	4	5.54	11.8505
	61	Dibromochloromethane	92	94	98	93	102	94	100	100	102	114	113	5.5	7.42	12.2070
	62	1,2-Dibromoethane	96	101	103	92	102	92	98	98	100	109	109	4.5	5.99	12.5663
	63	1-Chlorohexane	113	104	99	91	98	92	97	96	97	106	107	5.4	6.88	12.8616

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11/3/10

64	Chlorobenzene	99	97	98	94	103	93	99	99	100	110	110	4.1	5.64	13.3259
65	Ethylbenzene	105	99	98	92	103	94	100	99	100	110	------	3.6	5.05	13.4208
66	1,1,1,2-Tetrachloroethane	92	95	99	93	105	94	100	100	101	111	109	4.8	6.22	13.4018
2 67	m-Xylene & p-Xylene	102	95	100	93	104	95	101	100	100	109	------	3.4	4.82	13.5598
68	o-Xylene	109	100	98	90	102	92	98	97	99	108	107	4.9	6.23	14.3730
69	Styrene	95	92	97	91	104	94	100	101	102	112	112	5.6	7.26	14.4395
70	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	1	0	18.4627
71	Isopropylbenzene	113	100	100	91	99	89	101	99	99	109	------	4.6	7.11	15.0526
72	Bromoform	75	96	96	91	102	91	105	105	104	117	115	8.9	11.84	15.0728
73	1,1,2,2-Tetrachloroethane	114	102	103	92	99	87	98	95	97	108	106	5.8	7.50	15.3841
74	4-Bromofluorobenzene	------	------	110	79	103	92	98	99	98	111	110	7.5	10.34	15.5278
75	1,2,3-Trichloropropane	93	102	113	93	98	90	98	98	98	110	108	5.8	7.34	15.6688
76	trans-1,4-Dichloro-2-butene	------	------	92	88	93	90	103	101	104	115	115	8.3	10.29	15.1473
77	n-Propylbenzene	114	98	99	90	99	91	101	100	100	109	------	5	7.47	15.8209
78	Bromobenzene	100	92	103	90	101	90	100	100	101	112	112	5.1	7.33	15.8950
79	1,3,5-Trimethylbenzene	110	99	99	91	100	92	100	99	98	108	105	4.1	5.69	16.1318
80	2-Chlorotoluene	116	102	100	90	99	90	101	95	94	104	107	5.7	7.75	16.1504
81	4-Chlorotoluene	109	94	98	88	97	89	96	102	103	114	109	6.8	8.37	16.2515
82	tert-Butylbenzene	124	102	102	91	99	89	97	95	95	104	103	6.4	9.31	16.8196
83	1,2,4-Trimethylbenzene	110	99	100	89	102	91	98	98	97	108	108	5.1	6.72	16.8928
84	sec-Butylbenzene	110	99	101	91	101	92	100	99	99	109	------	4.1	6.00	17.2331
85	p-Isopropyltoluene	108	96	99	90	101	92	99	100	99	109	107	4.5	6.07	17.5114
86	1,3-Dichlorobenzene	100	96	100	89	102	92	99	100	99	111	111	4.5	6.72	17.6817
87	1,4-Dichlorobenzene	105	100	97	89	101	93	98	99	98	109	110	4.7	6.42	17.8840
88	n-Butylbenzene	112	98	95	89	101	93	99	101	98	110	104	5	6.78	18.2578
89	1,2-Dichlorobenzene	105	100	100	91	102	91	97	98	98	109	109	4.5	6.07	18.5066
90	1,2-Dibromo-3-chloropropane	------	92	90	90	105	90	100	102	102	116	119	7.9	10.47	19.6347
91	1,2,4-Trichlorobenzene	103	99	95	88	108	93	93	98	96	109	118	7	8.80	20.7310
92	Hexachlorobutadiene	113	99	101	96	112	96	92	92	87	100	111	7	8.85	20.9067
93	Naphthalene	------	119	102	85	100	88	89	95	96	110	117	9.5	11.82	21.0645
94	1,2,3-Trichlorobenzene	109	95	95	91	107	93	92	97	95	108	118	7.7	8.93	21.3857

.5.c—
9113/10

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TO67
IC Beginning DateTime :09/09/10 20:13
Spike Amount :10 PPB
CC/CV File :RIC220
IC File :RIC211

Column Spec :RTX502.2 ID :0.32MM
IC Ending DateTime :09/10/10 01:50
HPChem Method :V067109
Date_Time :09/10/10 10:08

M	IDX	Parameters	CC_Con	CC%_D	CC_Resp	CCRRF	AvRRF	CC_Rtm	AvRtm	%_RSD	Co_X0	Co_X1	Co_X2	Co_Cor
	1	1,4-DIFLUOROBENZENE	10.000	0	2020846	1	1	8.143	8.144	0				
	2	Dichlorodifluoromethane	9.383	-6.2	455542	0.225	0.240	1.908	1.918	9.27				
	3	Dichlorotetrafluoroethane												
	4	Chloromethane	9.837	-1.6	774073	0.383	0.389	2.142	2.154	7.65				
	5	Vinyl chloride	10.613	6.1	647457	0.320	0.302	2.289	2.284	11.81				
	6	Bromomethane	9.826	-1.7	492131	0.244	0.248	2.786	2.784	7.66				
	7	Chloroethane	9.832	-1.7	425882	0.211	0.214	2.874	2.884	8.52				
	8	Dichlorofluoromethane	9.726	-2.7	1041036	0.515	0.530	2.918	2.922	5.58				
	9	Trichlorofluoromethane	10.093	0.9	582868	0.288	0.286	3.167	3.174	13.83				
	10	sec-Propyl alcohol												
5	11	Acrolein	45.478	-9.0	64036	0.006	0.007	3.664	3.662	11.70				
	12	1,1,2-Trichloro-1,2,2-trifluoroethane	11.197	12.0	435357	0.215	0.192	3.708	3.706	5.77				
5	13	Acetone	48.063	-3.9	176565	0.017	0.018	3.737	3.741	8.06				
5	14	tert-Butyl alcohol	47.704	-4.6	53664	0.005	0.006	4.001	4.001	6.53				
	15	1,1-Dichloroethene	10.243	2.4	948535	0.469	0.458	3.898	3.901	5.76				
10	16	Acetonitrile	114.095	14.1	1165003	0.058	0.051	4.352	4.361	7.26				
	17	Methyl acetate												
	18	Iodomethane	10.454	4.5	1114500	0.552	0.528	4.279	4.290	6.20				
	19	Methylene chloride	9.719	-2.8	680480	0.337	0.346	4.498	4.508	9.90				
	20	Carbon disulfide	9.955	-0.5	2443411	1.209	1.215	4.513	4.527	8.89				
6	21	Acrylonitrile	56.443	-5.9	322642	0.027	0.028	4.674	4.672	9.87				
	22	tert-Butyl methyl ether (MTBE)	9.512	-4.9	554143	0.274	0.288	4.703	4.705	6.25				
	23	trans-1,2-Dichloroethene	9.648	-3.5	924924	0.458	0.474	4.894	4.891	6.66				
	24	Isopropyl ether (DIPE)	9.468	-5.3	1583165	0.783	0.827	5.303	5.309	7.67				
	25	Vinyl acetate	9.927	-0.7	456990	0.226	0.228	5.464	5.461	9.84				
	26	1,1-Dichloroethane	10.057	0.6	1094245	0.541	0.538	5.464	5.460	6.43				
5	27	2-Butanol												
	28	tert-Butyl ethyl ether (ETBE)	9.698	-3.0	971506	0.481	0.496	5.860	5.864	10.28				
5	29	2-Butanone	45.302	-9.4	310343	0.031	0.034	6.035	6.038	7.88				
	30	2,2-Dichloropropane	10.810	8.1	661806	0.327	0.303	6.225	6.236	9.09				
	31	cis-1,2-Dichloroethene	9.551	-4.5	676543	0.335	0.351	6.299	6.301	6.28				
	32	Chloroform	9.910	-0.9	902345	0.447	0.451	6.518	6.521	5.97				
	33	Bromochloromethane	9.768	-2.3	355200	0.176	0.180	6.752	6.755	7.50				
	34	Dibromofluoromethane	9.558	-4.4	502949	0.249	0.260	6.826	6.835	10.19				
	35	1,1,1-Trichloroethane	9.900	-1.0	782912	0.387	0.391	7.089	7.093	6.03				
	36	Cyclohexane												
	37	tert-Amyl methyl ether (TAME)	9.892	-1.1	148122	0.073	0.074	7.484	7.493	12.27				
	38	1,2-Dichloroethane-d4	9.491	-5.1	252297	0.125	0.132	7.557	7.562	8.83				
	39	CHLOROBENZENE-D5	10.000	0	1580550	1	1	13.250	13.253	0				
	40	1,1-Dichloropropene	9.739	-2.6	365745	0.231	0.238	7.323	7.326	5.50				
	41	Carbon tetrachloride	9.863	-1.4	705772	0.447	0.453	7.469	7.468	6.11				
	42	1,2-Dichloroethane	9.737	-2.6	323633	0.205	0.210	7.689	7.701	5.73				
	43	Benzene	9.513	-4.9	2438879	1.543	1.622	7.718	7.721	5.90				
	44	Trichloroethene	9.704	-3.0	734625	0.465	0.479	8.640	8.652	6.23				
	45	Methylcyclohexane												
	46	1,2-Dichloropropane	9.517	-4.8	529685	0.335	0.352	8.918	8.930	6.51				
20	47	1,4-Dioxane	190.868	-4.6	29207	0.001	0.001	9.328	9.329	8.12				
	48	Bromodichloromethane	9.295	-7.1	519880	0.329	0.354	9.299	9.301	6.39				
	49	Dibromomethane	9.824	-1.8	201393	0.127	0.130	9.387	9.388	7.74				
	50	2-Chloroethyl vinyl ether	9.590	-4.1	63086	0.040	0.042	9.796	9.799	8.56				
5	51	4-Methyl-2-pentanone	47.216	-5.6	758306	0.096	0.102	9.840	9.840	10.58				
	52	cis-1,3-Dichloropropene	9.759	-2.4	672830	0.426	0.436	10.177	10.188	6.95				
	53	Toluene-d8	9.670	-3.3	2140426	1.354	1.401	10.587	10.589	9.91				
	54	Toluene	9.656	-3.4	2641830	1.671	1.731	10.718	10.727	5.54				
	55	Ethyl methacrylate	9.238	-7.6	257108	0.163	0.176	11.011	11.022	8.30				
	56	trans-1,3-Dichloropropene	10.156	1.6	437415	0.277	0.273	11.026	11.036	7.04				
5	57	2-Hexanone	47.079	-5.8	449609	0.057	0.060	11.318	11.318	12.06				
	58	1,1,2-Trichloroethane	9.495	-5.1	242285	0.153	0.161	11.304	11.308	7.42				
	59	1,3-Dichloropropane	9.359	-6.4	430694	0.272	0.291	11.743	11.745	6.55				

60	Tetrachloroethene	9.806	-1.9	612504	0.388	0.395	11.845	11.851	5.54					
61	Dibromochloromethane	9.590	-4.1	310595	0.197	0.205	12.196	12.207	7.42					
62	1,2-Dibromoethane	9.399	-6.0	237991	0.151	0.160	12.562	12.566	5.99					
63	1-Chlorohexane	9.769	-2.3	1172396	0.742	0.759	12.855	12.862	6.88					
64	Chlorobenzene	9.760	-2.4	1522553	0.963	0.987	13.323	13.326	5.64					
65	Ethylbenzene	9.804	-2.0	2940722	1.861	1.898	13.411	13.421	5.05					
66	1,1,1,2-Tetrachloroethane	9.687	-3.1	437349	0.277	0.286	13.396	13.402	6.22					
2 67	m-Xylene & p-Xylene	19.824	-0.9	4303975	1.362	1.374	13.557	13.560	4.82					
68	o-Xylene	9.411	-5.9	1994841	1.262	1.341	14.362	14.373	6.23					
69	Styrene	9.758	-2.4	1524431	0.964	0.988	14.436	14.439	7.26					
70	1,2-DICHLOROBENZENE-D4	10.000	0	493376	1	1	18.460	18.463	0					
71	Isopropylbenzene	9.873	-1.3	2889642	5.857	5.932	15.050	15.053	7.11					
72	Bromoform	9.850	-1.5	151904	0.308	0.313	15.065	15.073	11.84					
73	1,1,2,2-Tetrachloroethane	8.982	-10.2	229323	0.465	0.517	15.387	15.384	7.50					
74	4-Bromofluorobenzene	9.573	-4.3	561283	1.138	1.188	15.518	15.528	10.34					
75	1,2,3-Trichloropropane	9.524	-4.8	57029	0.116	0.121	15.665	15.669	7.34					
76	trans-1,4-Dichloro-2-butene	10.077	0.8	53183	0.108	0.107	15.138	15.147	10.29					
77	n-Propylbenzene	9.639	-3.6	3479643	7.053	7.317	15.811	15.821	7.47					
78	Bromobenzene	9.660	-3.4	489682	0.993	1.027	15.884	15.895	7.33					
79	1,3,5-Trimethylbenzene	9.526	-4.7	2100705	4.258	4.470	16.118	16.132	5.69					
80	2-Chlorotoluene	9.227	-7.7	1932963	3.918	4.246	16.148	16.150	7.75					
81	4-Chlorotoluene	9.992	-0.1	1667967	3.381	3.383	16.236	16.251	8.37					
82	tert-Butylbenzene	9.434	-5.7	521389	1.057	1.120	16.806	16.820	9.31					
83	1,2,4-Trimethylbenzene	9.342	-6.6	1933074	3.918	4.194	16.879	16.893	6.72					
84	sec-Butylbenzene	9.736	-2.6	3166042	6.417	6.591	17.231	17.233	6.00					
85	p-Isopropyltoluene	9.917	-0.8	2401075	4.867	4.907	17.494	17.511	6.07					
86	1,3-Dichlorobenzene	9.546	-4.5	982973	1.992	2.087	17.670	17.682	6.72					
87	1,4-Dichlorobenzene	9.746	-2.5	930659	1.886	1.936	17.875	17.884	6.42					
88	n-Butylbenzene	9.903	-1.0	2254985	4.571	4.615	18.255	18.258	6.78					
89	1,2-Dichlorobenzene	9.455	-5.5	712183	1.443	1.527	18.504	18.507	6.07					
90	1,2-Dibromo-3-chloropropane	9.481	-5.2	29659	0.060	0.063	19.631	19.635	10.47					
91	1,2,4-Trichlorobenzene	9.741	-2.6	392564	0.796	0.817	20.728	20.731	8.80					
92	Hexachlorobutadiene	10.045	0.5	333156	0.675	0.672	20.904	20.907	8.85					
93	Naphthalene	8.125	-18.8	387815	0.786	0.967	21.065	21.065	11.82					
94	1,2,3-Trichlorobenzene	9.182	-8.2	257437	0.522	0.568	21.372	21.386	8.93					

Spike Amount = Nominal Amount * M

DAILY CALIBRATIONS

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJC121
Instrument ID: TQ67
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 1D1666
BFB Injection Date : 10/05/10
BFB Injection Time : 09:00
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.50
75	30.0 - 60.0% of mass 95	39.38
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.31
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	82.72
175	5.0 - 9.0% of mass 174	6.80(8.2)1
176	95.0 - 101.0% of mass 174	80.63(97.5)1
177	5.0 - 9.0% of mass 176	5.24(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV067I0938	RJC123	10/05/10	10:06
2	MBLK1W	V067J06B	RJC127	10/05/10	12:18
3	LCS1W	V067J06L	RJC124	10/05/10	10:43
4	LCD1W	V067J06C	RJC125	10/05/10	11:15
5	IW-70-SAT36-P13DL	I666-03T	RJC130	10/05/10	13:54
6	IW-70-SAT35-P13	I666-02	RJC133	10/05/10	15:33
7	IW-70-SAT46-P13	I666-04	RJC134	10/05/10	16:05
8	IW-70-SAT50-P13	I666-01	RJC135	10/05/10	16:36
9	IW-70-SAT36-P13	I666-03	RJC136	10/05/10	17:08
10	IW-70-SAT31-P13	I666-05	RJC137	10/05/10	17:40
11	IW-70-SAT16-P13	I666-06	RJC138	10/05/10	18:12
12	IW-70-SAT16-P13-D	I666-07	RJC139	10/05/10	18:43
13	IW-70-SAT45-P13	I666-08	RJC140	10/05/10	19:15

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1C211
Instrument ID: T067
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101666
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2228665	8.14	1748202	13.25	570049	18.46
	UPPER LIMIT	4457330	8.64	3496404	13.75	1140098	18.96
	LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
	SAMPLE ID						
1	VSTD010	1539638	8.13	1233037	13.24	398359	18.45
2	MBLK1W	1898168	8.13	1483536	13.24	460401	18.45
3	LCS1W	1564096	8.13	1246620	13.24	403228	18.45
4	LCD1W	1693656	8.13	1330979	13.24	432434	18.46
5	IW-70-SAT36-P13DL	1802785	8.13	1424256	13.24	445400	18.46
6	IW-70-SAT35-P13	1745478	8.13	1417723	13.24	461164	18.46
7	IW-70-SAT46-P13	1672291	8.13	1370597	13.24	447498	18.46
8	IW-70-SAT50-P13	1730816	8.13	1417402	13.24	455897	18.46
9	IW-70-SAT36-P13	1753212	8.13	1384209	13.25	435899	18.46
10	IW-70-SAT31-P13	1552039	8.13	1242938	13.24	407151	18.45
11	IW-70-SAT16-P13	1572059	8.13	1287866	13.25	434711	18.46
12	IW-70-SAT16-P13-D	1599919	8.13	1317300	13.24	442733	18.46
13	IW-70-SAT45-P13	1604287	8.13	1356501	13.24	469966	18.46

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : T067
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	69	-0.01
2	T	Dichlorodifluoromethane	10.000	8.864	11.4	73	-0.03
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	9.730	2.7	75	-0.03
5	C,T	Vinyl chloride	10.000	10.881	-8.8	79	-0.01
6	T	Bromomethane	10.000	9.470	5.3	73	-0.01
7	T	Chloroethane	10.000	10.669	-6.7	83	-0.03
8	T	Dichlorofluoromethane	10.000	11.472	-14.7	86	-0.01
9	T	Trichlorofluoromethane	10.000	10.366	-3.7	80	-0.01
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	60.204	-20.4#	99	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.621	-6.2	79	-0.01
13	T	Acetone	50.000	53.025	-6.0	81	-0.01
14	T	tert-Butyl alcohol	50.000	60.459	-20.9#	88	-0.01
15	C,T,M	1,1-Dichloroethene	10.000	10.333	-3.3	77	0.00
16	T	Acetonitrile	100.000	105.834	-5.8	79	-0.01
17	T	Methyl acetate	-1.000	0.000	0.0	0	0.00
18	T	Iodomethane	10.000	9.082	9.2	68	0.00
19	T	Methylene chloride	10.000	10.138	-1.4	81	-0.01
20	T	Carbon disulfide	10.000	8.559	14.4	64	0.00
21	T	Acrylonitrile	50.000	57.173	-14.3	85	-0.01
22	T	tert-Butyl methyl ether (MT	10.000	11.082	-10.8	83	-0.01
23	T	trans-1,2-Dichloroethene	10.000	10.192	-1.9	76	-0.01
24	T	Isopropyl ether (DIPE)	10.000	11.757	-17.6	88	-0.01
25	T	Vinyl acetate	10.000	13.207	-32.1#	101	-0.01
26	P,T	1,1-Dichloroethane	10.000	11.437	-14.4	86	-0.01
27	T	2-Butanol	-1.000	0.000	0.0	0	-0.04
28	T	tert-Butyl ethyl ether (ETB	10.000	10.936	-9.4	79	-0.01
29	T	2-Butanone	50.000	53.339	-6.7	82	-0.01
30	T	2,2-Dichloropropane	10.000	9.255	7.4	72	-0.03
31	T	cis-1,2-Dichloroethene	10.000	11.017	-10.2	82	-0.01
32	C,T	Chloroform	10.000	11.379	-13.8	85	-0.01
33	T	Bromochloromethane	10.000	11.406	-14.1	86	-0.01
34	S	Dibromofluoromethane	10.000	10.642	-6.4	76	-0.01
35	T	1,1,1-Trichloroethane	10.000	9.982	0.2	74	-0.01
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.13
37	T	tert-Amyl methyl ether (TAM	10.000	10.843	-8.4	77	-0.01
38	S	1,2-Dichloroethane-d4	10.000	10.846	-8.5	79	-0.01
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	71	-0.01
40	T	1,1-Dichloropropene	10.000	9.550	4.5	73	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41 T	Carbon tetrachloride	10.000	9.971	0.3	77	-0.01
42 T	1,2-Dichloroethane	10.000	10.726	-7.3	80	-0.01
43 T,M	Benzene	10.000	10.492	-4.9	81	-0.01
44 T,M	Trichloroethene	10.000	10.168	-1.7	78	-0.01
45 T	Methylcyclohexane	-1.000	0.000	0.0	64	-0.01
46 C,T	1,2-Dichloropropane	10.000	11.448	-14.5	89	-0.01
47 T	1,4-Dioxane	200.000	229.826	-14.9	87	-0.01
48 T	Bromodichloromethane	10.000	11.059	-10.6	85	-0.01
49 T	Dibromomethane	10.000	10.947	-9.5	81	-0.01
50 T	2-Chloroethyl vinyl ether	10.000	11.886	-18.9	90	-0.01
51 T	4-Methyl-2-pentanone	50.000	55.340	-10.7	83	-0.01
52 T	cis-1,3-Dichloropropene	10.000	11.365	-13.7	87	-0.01
53 S	Toluene-d8	10.000	10.614	-6.1	78	-0.01
54 C,T,M	Toluene	10.000	10.610	-6.1	81	-0.03
55 T	Ethyl methacrylate	10.000	11.550	-15.5	88	-0.01
56 T	trans-1,3-Dichloropropene	10.000	11.306	-13.1	86	-0.01
57 T	2-Hexanone	50.000	55.738	-11.5	81	-0.01
58 T	1,1,2-Trichloroethane	10.000	11.472	-14.7	86	-0.01
59 T	1,3-Dichloropropane	10.000	11.347	-13.5	88	-0.01
60 T	Tetrachloroethene	10.000	9.885	1.2	75	-0.01
61 T	Dibromochloromethane	10.000	11.064	-10.6	83	-0.01
62 T	1,2-Dibromoethane	10.000	10.535	-5.4	81	-0.01
63 T	1-Chlorohexane	10.000	10.724	-7.2	83	-0.01
64 P,M	Chlorobenzene	10.000	10.812	-8.1	82	-0.01
65 C,T	Ethylbenzene	10.000	11.022	-10.2	83	-0.01
66 T	1,1,1,2-Tetrachloroethane	10.000	11.405	-14.0	85	-0.03
67 T	m-Xylene & p-Xylene	20.000	22.275	-11.4	83	-0.01
68 T	o-Xylene	10.000	11.021	-10.2	84	-0.01
69 T	Styrene	10.000	11.378	-13.8	85	-0.01
70 I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	70	-0.01
71 T	Isopropylbenzene	10.000	10.790	-7.9	85	-0.01
72 P,T	Bromoform	10.000	11.454	-14.5	87	-0.03
73 P,T	1,1,2,2-Tetrachloroethane	10.000	11.008	-10.1	89	-0.01
74 S	4-Bromofluorobenzene	10.000	10.353	-3.5	79	-0.01
75 T	1,2,3-Trichloropropane	10.000	10.672	-6.7	83	-0.01
76 T	trans-1,4-Dichloro-2-butene	10.000	10.609	-6.1	82	-0.01
77 T	n-Propylbenzene	10.000	11.119	-11.2	86	-0.01
78 T	Bromobenzene	10.000	10.831	-8.3	84	-0.01
79 T	1,3,5-Trimethylbenzene	10.000	11.128	-11.3	85	-0.01
80 T	2-Chlorotoluene	10.000	11.111	-11.1	86	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : T067
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.882	-8.8	85	-0.01
82	T	tert-Butylbenzene	10.000	10.935	-9.4	85	-0.01
83	T	1,2,4-Trimethylbenzene	10.000	11.059	-10.6	85	-0.01
84	T	sec-Butylbenzene	10.000	11.491	-14.9	87	-0.01
85	T	p-Isopropyltoluene	10.000	11.515	-15.2	87	-0.01
86	T	1,3-Dichlorobenzene	10.000	11.105	-11.1	84	-0.01
87	T	1,4-Dichlorobenzene	10.000	11.214	-12.1	84	-0.01
88	T	n-Butylbenzene	10.000	12.115	-21.2#	91	-0.01
89	T	1,2-Dichlorobenzene	10.000	11.340	-13.4	87	-0.01
90	T	1,2-Dibromo-3-chloropropane	10.000	11.430	-14.3	89	0.00
91	T	1,2,4-Trichlorobenzene	10.000	12.520	-25.2#	94	-0.01
92	T	Hexachlorobutadiene	10.000	13.456	-34.6#	98	-0.01
93	T	Naphthalene	10.000	11.374	-13.7	90	-0.01
94	T	1,2,3-Trichlorobenzene	10.000	12.575	-25.7#	94	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0
RJC123.D V067I09.M Thu Oct 07 12:41:29 2010

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : T067
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	69	-0.01
2	T	Dichlorodifluoromethane	0.240	0.213	11.2	73	-0.03
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.379	2.6	75	-0.03
5	C,T	Vinyl chloride	0.302	0.328	-8.6	79	-0.01
6	T	Bromomethane	0.248	0.235	5.2	73	-0.01
7	T	Chloroethane	0.214	0.229	-7.0	83	-0.03
8	T	Dichlorofluoromethane	0.530	0.608	-14.7	86	-0.01
9	T	Trichlorofluoromethane	0.286	0.296	-3.5	80	-0.01
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.008	-14.3	99	-0.01
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.204	-6.2	79	-0.01
13	T	Acetone	0.018	0.019	-5.6	81	-0.01
14	T	tert-Butyl alcohol	0.006	0.007	-16.7	88	-0.01
15	C,T,M	1,1-Dichloroethene	0.458	0.474	-3.5	77	0.00
16	T	Acetonitrile	0.051	0.053	-3.9	79	-0.01
17	T	Methyl acetate	0.000	0.000	0.0	0#	0.00
18	T	Iodomethane	0.528	0.479	9.3	68	0.00
19	T	Methylene chloride	0.346	0.351	-1.4	81	-0.01
20	T	Carbon disulfide	1.215	1.040	14.4	64	0.00
21	T	Acrylonitrile	0.028	0.032	-14.3	85	-0.01
22	T	tert-Butyl methyl ether (MT	0.288	0.319	-10.8	83	-0.01
23	T	trans-1,2-Dichloroethene	0.474	0.483	-1.9	76	-0.01
24	T	Isopropyl ether (DIPE)	0.827	0.973	-17.7	88	-0.01
25	T	Vinyl acetate	0.228	0.301	-32.0#	101	-0.01
26	P,T	1,1-Dichloroethane	0.538	0.616	-14.5	86	-0.01
27	T	2-Butanol	0.000	0.000	0.0	0#	-0.04
28	T	tert-Butyl ethyl ether (ETB	0.496	0.542	-9.3	79	-0.01
29	T	2-Butanone	0.034	0.036	-5.9	82	-0.01
30	T	2,2-Dichloropropane	0.303	0.280	7.6	72	-0.03
31	T	cis-1,2-Dichloroethene	0.351	0.386	-10.0	82	-0.01
32	C,T	Chloroform	0.451	0.513	-13.7	85	-0.01
33	T	Bromochloromethane	0.180	0.205	-13.9	86	-0.01
34	S	Dibromofluoromethane	0.260	0.277	-6.5	76	-0.01
35	T	1,1,1-Trichloroethane	0.391	0.391	0.0	74	-0.01
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.13
37	T	tert-Amyl methyl ether (TAM	0.074	0.080	-8.1	77	-0.01
38	S	1,2-Dichloroethane-d4	0.132	0.143	-8.3	79	-0.01
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	71	-0.01
40	T	1,1-Dichloropropene	0.238	0.227	4.6	73	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : TC67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.451	0.4	77	-0.01
42	T	1,2-Dichloroethane	0.210	0.226	-7.6	80	-0.01
43	T,M	Benzene	1.622	1.702	-4.9	81	-0.01
44	T,M	Trichloroethene	0.479	0.487	-1.7	78	-0.01
45	T	Methylcyclohexane	0.000	0.000	0.0	64	-0.01
46	C,T	1,2-Dichloropropane	0.352	0.403	-14.5	89	-0.01
47	T	1,4-Dioxane	0.001	0.001	0.0	87	-0.01
48	T	Bromodichloromethane	0.354	0.391	-10.5	85	-0.01
49	T	Dibromomethane	0.130	0.142	-9.2	81	-0.01
50	T	2-Chloroethyl vinyl ether	0.042	0.049	-16.7	90	-0.01
51	T	4-Methyl-2-pentanone	0.102	0.112	-9.8	83	-0.01
52	T	cis-1,3-Dichloropropene	0.436	0.496	-13.8	87	-0.01
53	S	Toluene-d8	1.401	1.487	-6.1	78	-0.01
54	C,T,M	Toluene	1.731	1.837	-6.1	81	-0.03
55	T	Ethyl methacrylate	0.176	0.203	-15.3	88	-0.01
56	T	trans-1,3-Dichloropropene	0.273	0.308	-12.8	86	-0.01
57	T	2-Hexanone	0.060	0.067	-11.7	81	-0.01
58	T	1,1,2-Trichloroethane	0.161	0.185	-14.9	86	-0.01
59	T	1,3-Dichloropropane	0.291	0.330	-13.4	88	-0.01
60	T	Tetrachloroethene	0.395	0.391	1.0	75	-0.01
61	T	Dibromochloromethane	0.205	0.227	-10.7	83	-0.01
62	T	1,2-Dibromoethane	0.160	0.169	-5.6	81	-0.01
63	T	1-Chlorohexane	0.759	0.814	-7.2	83	-0.01
64	P,M	Chlorobenzene	0.987	1.067	-8.1	82	-0.01
65	C,T	Ethylbenzene	1.898	2.092	-10.2	83	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.286	0.326	-14.0	85	-0.03
67	T	m-Xylene & p-Xylene	1.374	1.530	-11.4	83	-0.01
68	T	o-Xylene	1.341	1.478	-10.2	84	-0.01
69	T	Styrene	0.988	1.125	-13.9	85	-0.01
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	70	-0.01
71	T	Isopropylbenzene	5.932	6.401	-7.9	85	-0.01
72	P,T	Bromoform	0.313	0.358	-14.4	87	-0.03
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.570	-10.3	89	-0.01
74	S	4-Bromofluorobenzene	1.188	1.230	-3.5	79	-0.01
75	T	1,2,3-Trichloropropane	0.121	0.130	-7.4	83	-0.01
76	T	trans-1,4-Dichloro-2-butene	0.107	0.113	-5.6	82	-0.01
77	T	n-Propylbenzene	7.317	8.135	-11.2	86	-0.01
78	T	Bromobenzene	1.027	1.113	-8.4	84	-0.01
79	T	1,3,5-Trimethylbenzene	4.470	4.974	-11.3	85	-0.01
80	T	2-Chlorotoluene	4.246	4.718	-11.1	86	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J05\RJC123.D
Acq On : 5 Oct 2010 10:06 am
Sample : CV067I0938
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 3
Operator: DN
Inst : T067
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.682	-8.8	85	-0.01
82	T	tert-Butylbenzene	1.120	1.225	-9.4	85	-0.01
83	T	1,2,4-Trimethylbenzene	4.194	4.638	-10.6	85	-0.01
84	T	sec-Butylbenzene	6.591	7.574	-14.9	87	-0.01
85	T	p-Isopropyltoluene	4.907	5.651	-15.2	87	-0.01
86	T	1,3-Dichlorobenzene	2.087	2.318	-11.1	84	-0.01
87	T	1,4-Dichlorobenzene	1.936	2.171	-12.1	84	-0.01
88	T	n-Butylbenzene	4.615	5.591	-21.1#	91	-0.01
89	T	1,2-Dichlorobenzene	1.527	1.731	-13.4	87	-0.01
90	T	1,2-Dibromo-3-chloropropane	0.063	0.072	-14.3	89	0.00
91	T	1,2,4-Trichlorobenzene	0.817	1.023	-25.2#	94	-0.01
92	T	Hexachlorobutadiene	0.672	0.905	-34.7#	98	-0.01
93	T	Naphthalene	0.967	1.100	-13.8	90	-0.01
94	T	1,2,3-Trichlorobenzene	0.568	0.715	-25.9#	94	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJC186
Instrument ID: T067
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 101666
BFB Injection Date : 10/07/10
BFB Injection Time : 11:11
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.31
75	30.0 - 60.0% of mass 95	40.32
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.11
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.05
175	5.0 - 9.0% of mass 174	6.47(8.3)1
176	95.0 - 101.0% of mass 174	76.59(98.1)1
177	5.0 - 9.0% of mass 176	5.29(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV067I0940	RJC187	10/07/10	11:42
2	MBLK2W	V067J08B	RJC191	10/07/10	13:50
3	LCS2W	V067J08L	RJC188	10/07/10	12:14
4	LCD2W	V067J08C	RJC189	10/07/10	12:46
5	IW-70-SAT16-P13-ODL	I666-07I	RJC195	10/07/10	15:57
6	IW-70-SAT03-P13DL	I666-09I	RJC197	10/07/10	17:00
7	IW-70-SAT45-P13DL	I666-08I	RJC199	10/07/10	18:04
8	IW-70-SAT31-P13DL	I666-05I	RJC201	10/07/10	19:07
9	IW-70-SAT35-P13DL	I666-02I	RJC203	10/07/10	20:10
10	IW-70-SAT50-P13DL	I666-01I	RJC204	10/07/10	20:42
11	TB-09/28/10	I666-10	RJC206	10/07/10	21:45
12	IW-70-SAT03-P13	I666-09R	RJC207	10/07/10	22:17

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1C211
Instrument ID: T067
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101666
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2228665	8.14	1748202	13.25	570049	18.46
	UPPER LIMIT	4457330	8.64	3496404	13.75	1140098	18.96
	LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
	SAMPLE ID						
1	VSTD010	2176080	8.11	1700987	13.22	553175	18.43
2	MBLK2W	2403792	8.11	1896224	13.22	601166	18.45
3	LCS2W	2120578	8.12	1684544	13.22	547975	18.43
4	LCD2W	2182869	8.12	1739005	13.22	575357	18.43
5	IW-70-SAT16-P13-DDL	2224380	8.11	1754649	13.22	566821	18.45
6	IW-70-SAT03-P13DL	2170431	8.12	1701358	13.22	549475	18.45
7	IW-70-SAT45-P13DL	2201451	8.11	1722806	13.22	545324	18.45
8	IW-70-SAT31-P13DL	2071759	8.11	1624815	13.24	504716	18.45
9	IW-70-SAT35-P13DL	2099891	8.12	1626138	13.23	488024	18.44
10	IW-70-SAT50-P13DL	2056013	8.12	1618731	13.23	497492	18.44
11	TB-09/28/10	2116986	8.12	1678771	13.22	525359	18.45
12	IW-70-SAT03-P13	1578234	8.12	1298300	13.22	452781	18.45

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CV067I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	98	-0.03
2	T	Dichlorodifluoromethane	10.000	7.826	21.7#	91	-0.03
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	8.832	11.7	96	-0.03
5	C,T	Vinyl chloride	10.000	9.786	2.1	101	-0.03
6	T	Bromomethane	10.000	8.303	17.0	90	-0.03
7	T	Chloroethane	10.000	9.691	3.1	107	-0.03
8	T	Dichlorofluoromethane	10.000	10.234	-2.3	109	-0.01
9	T	Trichlorofluoromethane	10.000	8.997	10.0	98	-0.03
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	36.190	27.6#	84	-0.03
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.447	5.5	100	-0.03
13	T	Acetone	50.000	46.463	7.1	100	-0.03
14	T	tert-Butyl alcohol	50.000	53.377	-6.8	109	-0.03
15	C,T,M	1,1-Dichloroethene	10.000	9.177	8.2	97	-0.01
16	T	Acetonitrile	100.000	90.857	9.1	95	-0.03
17	T	Methyl acetate	-1.000	0.000	0.0	0	-0.03
18	T	Iodomethane	10.000	7.904	21.0#	84	-0.01
19	T	Methylene chloride	10.000	9.336	6.6	105	-0.03
20	T	Carbon disulfide	10.000	7.785	22.1#	82	-0.01
21	T	Acrylonitrile	50.000	50.563	-1.1	107	-0.03
22	T	tert-Butyl methyl ether (MT	10.000	10.078	-0.8	107	-0.03
23	T	trans-1,2-Dichloroethene	10.000	9.063	9.4	96	-0.03
24	T	Isopropyl ether (DIPE)	10.000	11.270	-12.7	120	-0.03
25	T	Vinyl acetate	10.000	12.571	-25.7#	136	-0.03
26	P,T	1,1-Dichloroethane	10.000	10.288	-2.9	110	-0.03
27	T	2-Butanol	-1.000	0.000	0.0	0	0.06
28	T	tert-Butyl ethyl ether (ETB	10.000	9.990	0.1	103	-0.03
29	T	2-Butanone	50.000	49.335	1.3	107	-0.03
30	T	2,2-Dichloropropane	10.000	7.816	21.8#	86	-0.04
31	T	cis-1,2-Dichloroethene	10.000	9.645	3.6	101	-0.03
32	C,T	Chloroform	10.000	10.011	-0.1	106	-0.03
33	T	Bromochloromethane	10.000	10.582	-5.8	112	-0.03
34	S	Dibromofluoromethane	10.000	10.592	-5.9	107	-0.04
35	T	1,1,1-Trichloroethane	10.000	8.886	11.1	93	-0.03
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.12
37	T	tert-Amyl methyl ether (TAM	10.000	9.677	3.2	97	-0.03
38	S	1,2-Dichloroethane-d4	10.000	10.692	-6.9	110	-0.03
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	97	-0.03
40	T	1,1-Dichloropropene	10.000	8.616	13.8	91	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CVO67I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	10.000	8.720	12.8	93	-0.03
42	T	1,2-Dichloroethane	10.000	9.810	1.9	101	-0.03
43	T,M	Benzene	10.000	9.681	3.2	103	-0.03
44	T,M	Trichloroethene	10.000	8.969	10.3	95	-0.03
45	T	Methylcyclohexane	-1.000	0.000	0.0	92	-0.04
46	C,T	1,2-Dichloropropane	10.000	10.640	-6.4	114	-0.03
47	T	1,4-Dioxane	200.000	200.629	-0.3	105	-0.03
48	T	Bromodichloromethane	10.000	10.071	-0.7	107	-0.03
49	T	Dibromomethane	10.000	9.938	0.6	101	-0.03
50	T	2-Chloroethyl vinyl ether	10.000	9.589	4.1	100	-0.03
51	T	4-Methyl-2-pentanone	50.000	49.633	0.7	103	-0.03
52	T	cis-1,3-Dichloropropene	10.000	10.334	-3.3	109	-0.03
53	S	Toluene-d8	10.000	10.697	-7.0	109	-0.03
54	C,T,M	Toluene	10.000	9.633	3.7	102	-0.04
55	T	Ethyl methacrylate	10.000	11.040	-10.4	116	-0.03
56	T	trans-1,3-Dichloropropene	10.000	10.088	-0.9	106	-0.03
57	T	2-Hexanone	50.000	49.857	0.3	101	-0.03
58	T	1,1,2-Trichloroethane	10.000	10.396	-4.0	108	-0.03
59	T	1,3-Dichloropropane	10.000	10.659	-6.6	114	-0.03
60	T	Tetrachloroethene	10.000	8.722	12.8	91	-0.03
61	T	Dibromochloromethane	10.000	10.107	-1.1	105	-0.03
62	T	1,2-Dibromoethane	10.000	9.640	3.6	102	-0.03
63	T	1-Chlorohexane	10.000	9.685	3.1	103	-0.03
64	P,M	Chlorobenzene	10.000	9.840	1.6	103	-0.03
65	C,T	Ethylbenzene	10.000	10.258	-2.6	106	-0.04
66	T	1,1,1,2-Tetrachloroethane	10.000	10.330	-3.3	107	-0.04
67	T	m-Xylene & p-Xylene	20.000	21.153	-5.8	109	-0.03
68	T	o-Xylene	10.000	10.365	-3.7	109	-0.04
69	T	Styrene	10.000	10.121	-1.2	105	-0.03
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	97	-0.03
71	T	Isopropylbenzene	10.000	9.713	2.9	106	-0.03
72	P,T	Bromoform	10.000	9.737	2.6	103	-0.04
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.356	-3.6	116	-0.03
74	S	4-Bromofluorobenzene	10.000	10.576	-5.8	112	-0.04
75	T	1,2,3-Trichloropropane	10.000	9.954	0.5	107	-0.03
76	T	trans-1,4-Dichloro-2-butene	10.000	8.514	14.9	92	-0.03
77	T	n-Propylbenzene	10.000	10.000	0.0	107	-0.04
78	T	Bromobenzene	10.000	9.507	4.9	102	-0.04
79	T	1,3,5-Trimethylbenzene	10.000	9.913	0.9	105	-0.04
80	T	2-Chlorotoluene	10.000	9.512	4.9	103	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CVO67I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.339	-3.4	113	-0.04
82	T	tert-Butylbenzene	10.000	9.581	4.2	104	-0.04
83	T	1,2,4-Trimethylbenzene	10.000	10.490	-4.9	112	-0.04
84	T	sec-Butylbenzene	10.000	10.174	-1.7	108	-0.03
85	T	p-Isopropyltoluene	10.000	10.311	-3.1	109	-0.03
86	T	1,3-Dichlorobenzene	10.000	9.926	0.7	105	-0.04
87	T	1,4-Dichlorobenzene	10.000	9.967	0.3	104	-0.04
88	T	n-Butylbenzene	10.000	10.925	-9.3	114	-0.03
89	T	1,2-Dichlorobenzene	10.000	9.999	0.0	106	-0.03
90	T	1,2-Dibromo-3-chloropropane	10.000	10.197	-2.0	110	-0.01
91	T	1,2,4-Trichlorobenzene	10.000	11.018	-10.2	114	-0.03
92	T	Hexachlorobutadiene	10.000	11.575	-15.7	117	-0.03
93	T	Naphthalene	10.000	9.046	9.5	99	-0.03
94	T	1,2,3-Trichlorobenzene	10.000	10.902	-9.0	114	-0.03

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CV067I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	98	-0.03
2	T	Dichlorodifluoromethane	0.240	0.188	21.7#	91	-0.03
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.344	11.6	96	-0.03
5	C,T	Vinyl chloride	0.302	0.295	2.3	101	-0.03
6	T	Bromomethane	0.248	0.206	16.9	90	-0.03
7	T	Chloroethane	0.214	0.208	2.8	107	-0.03
8	T	Dichlorofluoromethane	0.530	0.542	-2.3	109	-0.01
9	T	Trichlorofluoromethane	0.286	0.257	10.1	98	-0.03
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.005	28.6#	84	-0.03
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.182	5.2	100	-0.03
13	T	Acetone	0.018	0.017	5.6	100	-0.03
14	T	tert-Butyl alcohol	0.006	0.006	0.0	109	-0.03
15	C,T,M	1,1-Dichloroethene	0.458	0.421	8.1	97	-0.01
16	T	Acetonitrile	0.051	0.046	9.8	95	-0.03
17	T	Methyl acetate	0.000	0.000	0.0	0#	-0.03
18	T	Iodomethane	0.528	0.417	21.0#	84	-0.01
19	T	Methylene chloride	0.346	0.323	6.6	105	-0.03
20	T	Carbon disulfide	1.215	0.946	22.1#	82	-0.01
21	T	Acrylonitrile	0.028	0.029	-3.6	107	-0.03
22	T	tert-Butyl methyl ether (MT	0.288	0.291	-1.0	107	-0.03
23	T	trans-1,2-Dichloroethene	0.474	0.430	9.3	96	-0.03
24	T	Isopropyl ether (DIPE)	0.827	0.933	-12.8	120	-0.03
25	T	Vinyl acetate	0.228	0.286	-25.4#	136	-0.03
26	P,T	1,1-Dichloroethane	0.538	0.554	-3.0	110	-0.03
27	T	2-Butanol	0.000	0.000	0.0	0#	0.06
28	T	tert-Butyl ethyl ether (ETB	0.496	0.495	0.2	103	-0.03
29	T	2-Butanone	0.034	0.033	2.9	107	-0.03
30	T	2,2-Dichloropropane	0.303	0.237	21.8#	86	-0.04
31	T	cis-1,2-Dichloroethene	0.351	0.338	3.7	101	-0.03
32	C,T	Chloroform	0.451	0.451	0.0	106	-0.03
33	T	Bromochloromethane	0.180	0.190	-5.6	112	-0.03
34	S	Dibromofluoromethane	0.260	0.276	-6.2	107	-0.04
35	T	1,1,1-Trichloroethane	0.391	0.348	11.0	93	-0.03
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.12
37	T	tert-Amyl methyl ether (TAM	0.074	0.072	2.7	97	-0.03
38	S	1,2-Dichloroethane-d4	0.132	0.141	-6.8	110	-0.03
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	97	-0.03
40	T	1,1-Dichloropropene	0.238	0.205	13.9	91	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CV067I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.395	12.8	93	-0.03
42	T	1,2-Dichloroethane	0.210	0.206	1.9	101	-0.03
43	T,M	Benzene	1.622	1.570	3.2	103	-0.03
44	T,M	Trichloroethene	0.479	0.430	10.2	95	-0.03
45	T	Methylcyclohexane	0.000	0.000	0.0	92	-0.04
46	C,T	1,2-Dichloropropane	0.352	0.375	-6.5	114	-0.03
47	T	1,4-Dioxane	0.001	0.001	0.0	105	-0.03
48	T	Bromodichloromethane	0.354	0.356	-0.6	107	-0.03
49	T	Dibromomethane	0.130	0.129	0.8	101	-0.03
50	T	2-Chloroethyl vinyl ether	0.042	0.040	4.8	100	-0.03
51	T	4-Methyl-2-pentanone	0.102	0.101	1.0	103	-0.03
52	T	cis-1,3-Dichloropropene	0.436	0.451	-3.4	109	-0.03
53	S	Toluene-d8	1.401	1.498	-6.9	109	-0.03
54	C,T,M	Toluene	1.731	1.667	3.7	102	-0.04
55	T	Ethyl methacrylate	0.176	0.194	-10.2	116	-0.03
56	T	trans-1,3-Dichloropropene	0.273	0.275	-0.7	106	-0.03
57	T	2-Hexanone	0.060	0.060	0.0	101	-0.03
58	T	1,1,2-Trichloroethane	0.161	0.168	-4.3	108	-0.03
59	T	1,3-Dichloropropane	0.291	0.310	-6.5	114	-0.03
60	T	Tetrachloroethene	0.395	0.345	12.7	91	-0.03
61	T	Dibromochloromethane	0.205	0.207	-1.0	105	-0.03
62	T	1,2-Dibromoethane	0.160	0.154	3.8	102	-0.03
63	T	1-Chlorohexane	0.759	0.735	3.2	103	-0.03
64	P,M	Chlorobenzene	0.987	0.971	1.6	103	-0.03
65	C,T	Ethylbenzene	1.898	1.947	-2.6	106	-0.04
66	T	1,1,1,2-Tetrachloroethane	0.286	0.295	-3.1	107	-0.04
67	T	m-Xylene & p-Xylene	1.374	1.453	-5.7	109	-0.03
68	T	o-Xylene	1.341	1.390	-3.7	109	-0.04
69	T	Styrene	0.988	1.000	-1.2	105	-0.03
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	97	-0.03
71	T	Isopropylbenzene	5.932	5.762	2.9	106	-0.03
72	P,T	Bromoform	0.313	0.304	2.9	103	-0.04
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.536	-3.7	116	-0.03
74	S	4-Bromofluorobenzene	1.188	1.257	-5.8	112	-0.04
75	T	1,2,3-Trichloropropane	0.121	0.121	0.0	107	-0.03
76	T	trans-1,4-Dichloro-2-butene	0.107	0.091	15.0	92	-0.03
77	T	n-Propylbenzene	7.317	7.317	0.0	107	-0.04
78	T	Bromobenzene	1.027	0.977	4.9	102	-0.04
79	T	1,3,5-Trimethylbenzene	4.470	4.431	0.9	105	-0.04
80	T	2-Chlorotoluene	4.246	4.039	4.9	103	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J07\RJC187.D Vial: 2
Acq On : 7 Oct 2010 11:42 am Operator: DN
Sample : CV067I0940 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.498	-3.4	113	-0.04
82	T	tert-Butylbenzene	1.120	1.073	4.2	104	-0.04
83	T	1,2,4-Trimethylbenzene	4.194	4.400	-4.9	112	-0.04
84	T	sec-Butylbenzene	6.591	6.706	-1.7	108	-0.03
85	T	p-Isopropyltoluene	4.907	5.060	-3.1	109	-0.03
86	T	1,3-Dichlorobenzene	2.087	2.072	0.7	105	-0.04
87	T	1,4-Dichlorobenzene	1.936	1.929	0.4	104	-0.04
88	T	n-Butylbenzene	4.615	5.042	-9.3	114	-0.03
89	T	1,2-Dichlorobenzene	1.527	1.527	0.0	106	-0.03
90	T	1,2-Dibromo-3-chloropropane	0.063	0.065	-3.2	110	-0.01
91	T	1,2,4-Trichlorobenzene	0.817	0.900	-10.2	114	-0.03
92	T	Hexachlorobutadiene	0.672	0.778	-15.8	117	-0.03
93	T	Naphthalene	0.967	0.875	9.5	99	-0.03
94	T	1,2,3-Trichlorobenzene	0.568	0.620	-9.2	114	-0.03

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJC215
Instrument ID: T067
GC Column:RTX502.2ID:0.32mm (mm)

Contract: NWS SEAL BEACH, IR SITE 70.
SAS No.: SDG No.: 10I666
BFB Injection Date : 10/09/10
BFB Injection Time : 10:11
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.85
75	30.0 - 60.0% of mass 95	37.08
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.80
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	68.08
175	5.0 - 9.0% of mass 174	5.75(8.4)1
176	95.0 - 101.0% of mass 174	65.15(95.7)1
177	5.0 - 9.0% of mass 176	4.49(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV067I0941	RJC216	10/09/10	10:52
2	MBLK3W	V067J098	RJC222	10/09/10	14:44
3	LCS3W	V067J09L	RJC217	10/09/10	11:26
4	LCD3W	V067J09Y	RJC220	10/09/10	13:35
5	IW-70-SAT46-P13DL	I666-04T	RJC223	10/09/10	15:16
6	IW-70-SAT16-P13DL	I666-06T	RJC224	10/09/10	15:48

FORM V VOA OLM02.0

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: R1C211
Instrument ID: 1067
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: NWS SEAL BEACH, IR SITE 70.
SDG No.: 101666
Date Analyzed: 09/09/10
Time Analyzed: 23:01
Heated Purge: (Y/N) N

		IS1(DFB)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2228665	8.14	1748202	13.25	570049	18.46
	UPPER LIMIT	4457330	8.64	3496404	13.75	1140098	18.96
	LOWER LIMIT	1114333	7.64	874101	12.75	285025	17.96
	SAMPLE ID						
1	VSTD010	1869796	8.12	1460083	13.23	486107	18.44
2	MBLK3W	2367096	8.13	1837170	13.24	585119	18.45
3	LCS3W	1579409	8.12	1232131	13.23	393874	18.45
4	LCD3W	1718368	8.12	1332102	13.23	432307	18.45
5	IW-70-SAT46-P13DL	2016284	8.13	1559537	13.24	484554	18.46
6	IW-70-SAT16-P13DL	1989818	8.13	1521927	13.24	465994	18.46

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D Vial: 2
Acq On : 9 Oct 2010 10:52 am Operator: DN
Sample : CV067I0941 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	84	-0.02
2	T	Dichlorodifluoromethane	10.000	10.342	-3.4	104	-0.04
3	T	Dichlorotetrafluoroethane	10.000	0.000	100.0#	0	0.00
4	P,T	Chloromethane	10.000	10.936	-9.4	102	-0.02
5	C,T	Vinyl chloride	10.000	10.845	-8.5	96	-0.02
6	T	Bromomethane	10.000	10.663	-6.6	99	-0.02
7	T	Chloroethane	10.000	10.093	-0.9	95	-0.04
8	T	Dichlorofluoromethane	10.000	8.597	14.0	79	-0.02
9	T	Trichlorofluoromethane	10.000	10.969	-9.7	103	-0.02
10	T	sec-Propyl alcohol	-1.000	0.000	0.0	0	0.00
11	T	Acrolein	50.000	33.051	33.9#	66	-0.02
12	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.730	12.7	79	-0.02
13	T	Acetone	50.000	49.439	1.1	92	-0.02
14	T	tert-Butyl alcohol	50.000	53.304	-6.6	94	-0.02
15	C,T,M	1,1-Dichloroethene	10.000	8.566	14.3	78	0.00
16	T	Acetonitrile	100.000	83.909	16.1	76	-0.04
17	T	Methyl acetate	-1.000	0.000	0.0	0	-0.02
18	T	Iodomethane	10.000	7.159	28.4#	65	0.00
19	T	Methylene chloride	10.000	8.604	14.0	83	-0.02
20	T	Carbon disulfide	10.000	8.623	13.8	78	0.00
21	T	Acrylonitrile	50.000	47.128	5.7	86	-0.02
22	T	tert-Butyl methyl ether (MT	10.000	9.613	3.9	88	-0.02
23	T	trans-1,2-Dichloroethene	10.000	8.250	17.5	75	-0.02
24	T	Isopropyl ether (DIPE)	10.000	10.944	-9.4	100	-0.02
25	T	Vinyl acetate	10.000	12.661	-26.6#	118	-0.04
26	P,T	1,1-Dichloroethane	10.000	9.281	7.2	85	-0.04
27	T	2-Butanol	-1.000	0.000	0.0	0	0.07
28	T	tert-Butyl ethyl ether (ETB	10.000	9.655	3.5	85	-0.02
29	T	2-Butanone	50.000	49.304	1.4	92	-0.02
30	T	2,2-Dichloropropane	10.000	7.906	20.9#	74	-0.03
31	T	cis-1,2-Dichloroethene	10.000	10.144	-1.4	92	-0.02
32	C,T	Chloroform	10.000	10.597	-6.0	96	-0.02
33	T	Bromochloromethane	10.000	10.027	-0.3	91	-0.02
34	S	Dibromofluoromethane	10.000	11.046	-10.5	96	-0.03
35	T	1,1,1-Trichloroethane	10.000	9.640	3.6	86	-0.02
36	T	Cyclohexane	-1.000	0.000	0.0	0	0.13
37	T	tert-Amyl methyl ether (TAM	10.000	11.159	-11.6	96	-0.02
38	S	1,2-Dichloroethane-d4	10.000	10.108	-1.1	90	-0.02
39	I	CHLOROBENZENE-D5	10.000	10.000	0.0	84	-0.02
40	T	1,1-Dichloropropene	10.000	8.396	16.0	76	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D
Acq On : 9 Oct 2010 10:52 am
Sample : CV067I0941
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	10.000	9.376	6.2	85	-0.02
42	T	1,2-Dichloroethane	10.000	9.405	6.0	83	-0.03
43	T,M	Benzene	10.000	9.407	5.9	86	-0.02
44	T,M	Trichloroethene	10.000	8.309	16.9	75	-0.03
45	T	Methylcyclohexane	-1.000	0.000	0.0	80	-0.03
46	C,T	1,2-Dichloropropane	10.000	9.477	5.2	87	-0.03
47	T	1,4-Dioxane	200.000	231.956	-16.0	105	-0.03
48	T	Bromodichloromethane	10.000	10.876	-8.8	99	-0.02
49	T	Dibromomethane	10.000	10.949	-9.5	96	-0.02
50	T	2-Chloroethyl vinyl ether	10.000	12.496	-25.0#	112	-0.02
51	T	4-Methyl-2-pentanone	50.000	51.350	-2.7	91	-0.02
52	T	cis-1,3-Dichloropropene	10.000	9.991	0.1	90	-0.03
53	S	Toluene-d8	10.000	11.687	-16.9	102	-0.02
54	C,T,M	Toluene	10.000	10.162	-1.6	92	-0.03
55	T	Ethyl methacrylate	10.000	9.924	0.8	90	-0.03
56	T	trans-1,3-Dichloropropene	10.000	10.182	-1.8	92	-0.03
57	T	2-Hexanone	50.000	52.117	-4.2	90	-0.02
58	T	1,1,2-Trichloroethane	10.000	11.095	-11.0	99	-0.02
59	T	1,3-Dichloropropane	10.000	10.425	-4.3	96	-0.02
60	T	Tetrachloroethene	10.000	8.266	17.3	74	-0.02
61	T	Dibromochloromethane	10.000	10.222	-2.2	91	-0.03
62	T	1,2-Dibromoethane	10.000	10.120	-1.2	92	-0.02
63	T	1-Chlorohexane	10.000	10.384	-3.8	95	-0.02
64	P,M	Chlorobenzene	10.000	9.487	5.1	86	-0.03
65	C,T	Ethylbenzene	10.000	10.779	-7.8	96	-0.03
66	T	1,1,1,2-Tetrachloroethane	10.000	9.836	1.6	87	-0.03
67	T	m-Xylene & p-Xylene	20.000	21.790	-8.9	96	-0.02
68	T	o-Xylene	10.000	10.701	-7.0	97	-0.03
69	T	Styrene	10.000	10.366	-3.7	92	-0.02
70	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	85	-0.01
71	T	Isopropylbenzene	10.000	9.684	3.2	93	-0.02
72	P,T	Bromoform	10.000	10.313	-3.1	96	-0.03
73	P,T	1,1,2,2-Tetrachloroethane	10.000	10.739	-7.4	106	-0.03
74	S	4-Bromofluorobenzene	10.000	11.659	-16.6	108	-0.03
75	T	1,2,3-Trichloropropane	10.000	10.340	-3.4	98	-0.02
76	T	trans-1,4-Dichloro-2-butene	10.000	9.399	6.0	89	-0.03
77	T	n-Propylbenzene	10.000	10.424	-4.2	98	-0.03
78	T	Bromobenzene	10.000	9.045	9.6	85	-0.03
79	T	1,3,5-Trimethylbenzene	10.000	9.841	1.6	91	-0.03
80	T	2-Chlorotoluene	10.000	10.145	-1.4	96	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D Vial: 2
Acq On : 9 Oct 2010 10:52 am Operator: DN
Sample : CV067I0941 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	10.000	10.718	-7.2	103	-0.03
82	T	tert-Butylbenzene	10.000	8.610	13.9	82	-0.03
83	T	1,2,4-Trimethylbenzene	10.000	10.024	-0.2	94	-0.03
84	T	sec-Butylbenzene	10.000	10.094	-0.9	94	-0.02
85	T	p-Isopropyltoluene	10.000	9.712	2.9	90	-0.03
86	T	1,3-Dichlorobenzene	10.000	9.271	7.3	86	-0.03
87	T	1,4-Dichlorobenzene	10.000	9.307	6.9	85	-0.03
88	T	n-Butylbenzene	10.000	11.368	-13.7	104	-0.01
89	T	1,2-Dichlorobenzene	10.000	9.412	5.9	88	-0.01
90	T	1,2-Dibromo-3-chloropropane	10.000	10.023	-0.2	95	-0.01
91	T	1,2,4-Trichlorobenzene	10.000	10.007	-0.1	91	-0.01
92	T	Hexachlorobutadiene	10.000	10.181	-1.8	91	-0.01
93	T	Naphthalene	10.000	8.429	15.7	81	-0.03
94	T	1,2,3-Trichlorobenzene	10.000	9.881	1.2	91	-0.03

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D Vial: 2
Acq On : 9 Oct 2010 10:52 am Operator: DN
Sample : CV067I0941 Inst : TO67
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN Multiplr: 1.00
MS Integration Params: LSCINT1.P

Method : D:\HPCHEM\1\METHODS\V067I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	84	-0.02
2	T	Dichlorodifluoromethane	0.240	0.248	-3.3	104	-0.04
3	T	Dichlorotetrafluoroethane	0.000	0.000	0.0	0#	0.00
4	P,T	Chloromethane	0.389	0.426	-9.5	102	-0.02
5	C,T	Vinyl chloride	0.302	0.327	-8.3	96	-0.02
6	T	Bromomethane	0.248	0.264	-6.5	99	-0.02
7	T	Chloroethane	0.214	0.216	-0.9	95	-0.04
8	T	Dichlorofluoromethane	0.530	0.455	14.2	79	-0.02
9	T	Trichlorofluoromethane	0.286	0.313	-9.4	103	-0.02
10	T	sec-Propyl alcohol	0.000	0.000	0.0	0#	0.00
11	T	Acrolein	0.007	0.005	28.6#	66	-0.02
12	T	1,1,2-Trichloro-1,2,2-trifl	0.192	0.168	12.5	79	-0.02
13	T	Acetone	0.018	0.018	0.0	92	-0.02
14	T	tert-Butyl alcohol	0.006	0.006	0.0	94	-0.02
15	C,T,M	1,1-Dichloroethene	0.458	0.393	14.2	78	0.00
16	T	Acetonitrile	0.051	0.042	17.6	76	-0.04
17	T	Methyl acetate	0.000	0.000	0.0	0#	-0.02
18	T	Iodomethane	0.528	0.378	28.4#	65	0.00
19	T	Methylene chloride	0.346	0.298	13.9	83	-0.02
20	T	Carbon disulfide	1.215	1.047	13.8	78	0.00
21	T	Acrylonitrile	0.028	0.027	3.6	86	-0.02
22	T	tert-Butyl methyl ether (MT	0.288	0.277	3.8	88	-0.02
23	T	trans-1,2-Dichloroethene	0.474	0.391	17.5	75	-0.02
24	T	Isopropyl ether (DIPE)	0.827	0.906	-9.6	100	-0.02
25	T	Vinyl acetate	0.228	0.288	-26.3#	118	-0.04
26	P,T	1,1-Dichloroethane	0.538	0.500	7.1	85	-0.04
27	T	2-Butanol	0.000	0.000	0.0	0#	0.07
28	T	tert-Butyl ethyl ether (ETB	0.496	0.479	3.4	85	-0.02
29	T	2-Butanone	0.034	0.033	2.9	92	-0.02
30	T	2,2-Dichloropropane	0.303	0.240	20.8#	74	-0.03
31	T	cis-1,2-Dichloroethene	0.351	0.356	-1.4	92	-0.02
32	C,T	Chloroform	0.451	0.477	-5.8	96	-0.02
33	T	Bromochloromethane	0.180	0.180	0.0	91	-0.02
34	S	Dibromofluoromethane	0.260	0.288	-10.8	96	-0.03
35	T	1,1,1-Trichloroethane	0.391	0.377	3.6	86	-0.02
36	T	Cyclohexane	0.000	0.000	0.0	0#	0.13
37	T	tert-Amyl methyl ether (TAM	0.074	0.083	-12.2	96	-0.02
38	S	1,2-Dichloroethane-d4	0.132	0.133	-0.8	90	-0.02
39	I	CHLOROBENZENE-D5	1.000	1.000	0.0	84	-0.02
40	T	1,1-Dichloropropene	0.238	0.199	16.4	76	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D
Acq On : 9 Oct 2010 10:52 am
Sample : CVO67I0941
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	Carbon tetrachloride	0.453	0.424	6.4	85	-0.02
42	T	1,2-Dichloroethane	0.210	0.198	5.7	83	-0.03
43	T,M	Benzene	1.622	1.526	5.9	86	-0.02
44	T,M	Trichloroethene	0.479	0.398	16.9	75	-0.03
45	T	Methylcyclohexane	0.000	0.000	0.0	80	-0.03
46	C,T	1,2-Dichloropropane	0.352	0.334	5.1	87	-0.03
47	T	1,4-Dioxane	0.001	0.001	0.0	105	-0.03
48	T	Bromodichloromethane	0.354	0.385	-8.8	99	-0.02
49	T	Dibromomethane	0.130	0.142	-9.2	96	-0.02
50	T	2-Chloroethyl vinyl ether	0.042	0.052	-23.8#	112	-0.02
51	T	4-Methyl-2-pentanone	0.102	0.104	-2.0	91	-0.02
52	T	cis-1,3-Dichloropropene	0.436	0.436	0.0	90	-0.03
53	S	Toluene-d8	1.401	1.637	-16.8	102	-0.02
54	C,T,M	Toluene	1.731	1.759	-1.6	92	-0.03
55	T	Ethyl methacrylate	0.176	0.175	0.6	90	-0.03
56	T	trans-1,3-Dichloropropene	0.273	0.277	-1.5	92	-0.03
57	T	2-Hexanone	0.060	0.063	-5.0	90	-0.02
58	T	1,1,2-Trichloroethane	0.161	0.179	-11.2	99	-0.02
59	T	1,3-Dichloropropane	0.291	0.304	-4.5	96	-0.02
60	T	Tetrachloroethene	0.395	0.327	17.2	74	-0.02
61	T	Dibromochloromethane	0.205	0.209	-2.0	91	-0.03
62	T	1,2-Dibromoethane	0.160	0.162	-1.3	92	-0.02
63	T	1-Chlorohexane	0.759	0.788	-3.8	95	-0.02
64	P,M	Chlorobenzene	0.987	0.936	5.2	86	-0.03
65	C,T	Ethylbenzene	1.898	2.046	-7.8	96	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.286	0.281	1.7	87	-0.03
67	T	m-Xylene & p-Xylene	1.374	1.497	-9.0	96	-0.02
68	T	o-Xylene	1.341	1.435	-7.0	97	-0.03
69	T	Styrene	0.988	1.025	-3.7	92	-0.02
70	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	85	-0.01
71	T	Isopropylbenzene	5.932	5.744	3.2	93	-0.02
72	P,T	Bromoform	0.313	0.322	-2.9	96	-0.03
73	P,T	1,1,2,2-Tetrachloroethane	0.517	0.556	-7.5	106	-0.03
74	S	4-Bromofluorobenzene	1.188	1.386	-16.7	108	-0.03
75	T	1,2,3-Trichloropropane	0.121	0.125	-3.3	98	-0.02
76	T	trans-1,4-Dichloro-2-butene	0.107	0.101	5.6	89	-0.03
77	T	n-Propylbenzene	7.317	7.627	-4.2	98	-0.03
78	T	Bromobenzene	1.027	0.929	9.5	85	-0.03
79	T	1,3,5-Trimethylbenzene	4.470	4.398	1.6	91	-0.03
80	T	2-Chlorotoluene	4.246	4.307	-1.4	96	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\10J09\RJC216.D
Acq On : 9 Oct 2010 10:52 am
Sample : CV067I0941
Misc : 10ppb 8260/50ppb KET-ACL-TBA/50ppb ACN
MS Integration Params: LSCINT1.P

Vial: 2
Operator: DN
Inst : TO67
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO67I09.M (RTE Integrator)
Title : METHOD 8260B 4.0
Last Update : Fri Sep 10 16:22:39 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	4-Chlorotoluene	3.383	3.626	-7.2	103	-0.03
82	T	tert-Butylbenzene	1.120	0.964	13.9	82	-0.03
83	T	1,2,4-Trimethylbenzene	4.194	4.204	-0.2	94	-0.03
84	T	sec-Butylbenzene	6.591	6.653	-0.9	94	-0.02
85	T	p-Isopropyltoluene	4.907	4.766	2.9	90	-0.03
86	T	1,3-Dichlorobenzene	2.087	1.935	7.3	86	-0.03
87	T	1,4-Dichlorobenzene	1.936	1.801	7.0	85	-0.03
88	T	n-Butylbenzene	4.615	5.247	-13.7	104	-0.01
89	T	1,2-Dichlorobenzene	1.527	1.437	5.9	88	-0.01
90	T	1,2-Dibromo-3-chloropropane	0.063	0.064	-1.6	95	-0.01
91	T	1,2,4-Trichlorobenzene	0.817	0.817	0.0	91	-0.01
92	T	Hexachlorobutadiene	0.672	0.684	-1.8	91	-0.01
93	T	Naphthalene	0.967	0.815	15.7	81	-0.03
94	T	1,2,3-Trichlorobenzene	0.568	0.562	1.1	91	-0.03

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 10-5-10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A67 -044

BATCH 067 I09 30

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RJC121	BFB67 I08 ✓	3ml					9:00
02	122	CW67 I09 37 ✗	/					Dual spike
03	123	CW67 I09 38 ✓						
04	124	V067 I06 L ✓						
05	125	↓ C ✓						
06	126	RINSE	25ml					
07	127	V067 I06 B ✓	↓					
08	128	10 I 367-11 ✓	25ml	1	✓	✓		
09	129	↓ -08	0.5ml	50	✓	✓		Foaming IS Fail
10	130	10 I 366-03 ✓	50ml	500	✓	✓		no: ok ↓ vial blank
11	131	10 I 665-01 ✓	25ml	1	✓	✓		
12	132	↓ -02 ✓			✓	✓		
13	133	10 I 666-02 ✓			✓	✓		
14	134	-04 ✓			✓	✓		
15	135	-01 ✓	↓	↓	✓	✓		
16	136	-03 ✓	5ml	5	✓	✓		no: ok vial blank file
17	137	-05 ✓	5ml	5	✓	✓		
18	138	-06 ✓	25ml	1	✓	✓		
19	139	-07 ✓			✓	✓		
20	140	-08 ✓			✓	✓		
21	141	↓ -09 ✗		↓	✓			no: ok (vial (7:47) water blank)
22	142	RINSE						
23	143							
24	↓							
25	↓ 149	↓	↓					
26								
27								
28								
29								
30								DT 10.6.10

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	1/9/10
ICAL ID	V067I09

STANDARDS

NAME	ID	Amount (µl)	Conc. (mg/L)
DCC	SM.16 39.1	1	250
DCC	38.1	5	5/250
DCC	27.1	1	250
DCC	34.2	5	250
BFB	26.2	2	50
IS/SURR.	23.2	1	250
ICV/LCS	35.3	1	250
ICV/LCS	36.3	5	5/250
ICV/LCS	35.1	5	250
SOLVENT	ID		
METHANOL			
DATA FILE	10I05		

Electronic Data Archival

Location	Date
HPCHEM_VOA/T067	

Comments:

Analyzed By: DT

Date Disposed: 10/6/10

Disposed By: DT

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 10/07/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A67 -044

BATCH 0ut67 IJ140

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RJC186	BFB67J08 ✓						11:11 am
02	187	OU67I09 40 ✓						
03	188	U67J08L ✓						
04	189	↓ C ✓						
05	190	RINSE	25ml					
06	191	U67J08D ✓	↓					
07	192	10I381-08I ✓	25ml	100	✓	✓		
08	193	10I367-09 ✓	25ml	1	✓	✓		
09	194	10I666-09T	0.5ml	50	4	✓		clo 3RE
10	195	10I666-09T ✓			4	✓		
11	196	10I367-09T ✓			✓	✓		
12	197	10I666-09T ✓	↓	↓	4	✓		
13	198	10I367-08T ✓	25ml	100	✓	✓		Foaming
14	199	10I666-08T ✓	0.5ml	50	<2	✓		
15	200	-06T ✓	↓	↓	4	✓		
16	201	-05T ✓	10ml	200	4	✓		
17	202	-04T ✓	↓	↓	✓	✓		
18	203	-03T ✓	0.5ml	50	4	✓		
19	204	-01T ✓	↓	↓	✓	✓		
20	205	RINSE	25ml					
21	206	10I666-10 ✓		1	✓	✓		
22	207	↓ -09R ✓		1	4	✓		10:17 pm
23	208	RINSE						
24	209							
25	210							
26	↓							
27	↓ 211	↓	↓					
28								
29								
30								

pm 10/8/10

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	U67I09

STANDARDS

NAME	ID	Amount (µl)	Conc. (ppb/L)
DCC	61-16.39.1	1	250
DCC	.38.1	5	50/250
DCC	.27.2	1	250
DCC	.34.2	5	250
BFB	.36.2	2	50
IS/SURR.	.33.2	1	250
ICV/LCS	.35.3	1	250
ICV/LCS	.36.3	5	50/250
ICV/LCS	↓ .35.1	5	250
SOLVENT	ID		
METHANOL			
DATA FILE	10J07		

Electronic Data Archival

Location	Date
HPCHEM_VOA/TO67	

Comments:

Analyzed By: DM

Date Disposed: 10/8/10

Disposed By: DM

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☒ EMAX-8260 Rev.No. 5 ☐ EMAX-524.2 Rev.No. 5 ☐ EMAX-CLP-VOA ☐ EMAX-624 Rev.No. 2 ☐ EMAX-8260SIM Rev.No.0 ☐

Start Date: 10/9/10 ☐ 5-ml Purge ☒ 25-ml Purge

Book # A67 -044

BATCH VO67J090

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix W pH <2	Matrix W Cl <5ppm	Matrix S	Notes
01	RJC215	BFB67J09-						10:11 AM
02	216	CVO67J0941-						
03	217	VO67J09L						
04	218	C						
05	219	X						
06	220	Y						
07	221	rinse	25mls	1.0				
08	222	VO67J09B-						MB
09	223	WJ66-04T-	0.5mls	50	A	✓		
10	224	-06T			4	✓		3:48pm
11	225	rinse	25mls	1.0				
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								AS 10/12/10

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	VO67J09

STANDARDS

NAME	ID	Amount (uL)	Conc. (mg/L)
DCC	SVI-16-39-1	1	250
DCC	-38-1	5	50/250
DCC	-27-1	1	250
DCC	-34-2	5	250
BFB	-26-2	2	50
IS/SURR.	-33-2	1	250
ICV/LCS	-35-3	1	250
ICV/LCS	-36-3	5	50/250
ICV/LCS	-35-1	5	250
SOLVENT	ID		
METHANOL			
DATA FILE	WJ09		

Electronic Data Archival

Location	Date
HPCHEM_VOA/1067	

Comments:

Analyzed By: DH / AS

Date Disposed: 10-12-10

Disposed By: AS

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/9/10 ☐ 5-ml Purge ☑ 25-ml Purge Book # A67 -043

BATCH V067I09

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RIC 205	BFB67I12 ✓	2ml		NA	NA	7.20 pH 8260 / KET/AA / TPH
02	206	V067I09 1 ✓	0.03/0.15/0.15 ul				0.3 -1.5 ppb
03	207	2 ✓	0.05/0.25/0.25 ul				0.5 /2.5 ppb
04	208	3 ✓	0.1/0.5/0.5 ul				1.0 /5 ppb
05	209	4 ✓	0.2/1/1 ul				2 /10 ppb
06	210	5 ✓	0.5/2.5/2.5 ul				5 / 25 ppb
07	211	6 ✓	1/5/5 ul				10 / 50 ppb
08	212	7 ✓	2/10/10 ul				20 / 100 ppb
09	213	8 ✓	3/15/15 ul				30 / 150 ppb
10	214	9 ✓	4/20/20 ul				40 / 200 ppb
11	215	10 ✓	5/25/25 ul				50 / 250 ppb
12	216	11 ✓	10/50/50 ul				100 / 500 ppb
13	217	I5/S5	25ml				
14	218	V067I12B	25ml				2:57AM 9/10/10
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							CK 9/10/10
25							

Instrument No.	67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	V067I09

STANDARDS

NAME	ID	CONC (mg/L)
DCC GASES	SV1-16-39-1	250
DCC 8260	SV1-16-38-1	50/250/1000
DCC CS_2	SV1-16-27-1	250
DCC KET/AA	SV1-16-34-2	250
BFB	SV1-16-26-2	50
IS/SURR	SV1-16-33-2	250
LCS GASES	SV1-16-35-3	250
LCS 8260	SV1-16-36-3	50/250/1000
LCS KET/AA	SV1-16-35-1	250

SOLVENT	ID
METHANOL	I3 - SV1-16-30-5 200 ppm S5 - SV1-16-31-1 250 ppm
DATA FILE	9/9/10 10I09

Electronic Data Archival

Location	Date
HPCHEM_VOA/T067	

Comments:

Analyzed By: DN

Date Disposed: 9/10/10

Disposed By: CK

EMAX LABORATORIES, INC.

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 4 ☐ EMAX-524.2 Rev.No. 4 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 9/10/10 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A67 -043

BATCH CV067I0901

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RIC219	BFB67I13 1	2ul				9:31 AM
02	220	IV067I0901 1	1/5/5 ul				
03	221	CV067I0901 1	1/5/5 ul				
04	222	V067I13L 1	1/5/5 ul				
05	223	d c 1	1/5/5 ul				
06	224	RINSE	25ml				
07	225	V067I13B	25ml				
08	226	V067I13Q 1	25ml				
09	227	10I103 -01	25ml	1.0			
10	228	-02					
11	229	-03					
12	230	-04					
13	231	-05					
14	232	-07					
15	233	-08					
16	234	-09					
17	235	-11					
18	236	-10					
19	237	-10M					
20	238	-10S					
21	239	RINSE					
22							
23							
24							
25						ca	9/10/10

Instrument No.	.67
INITIAL CALIBRATION REFERENCE	
DATE	9/9/10
ICAL ID	V067I09

STANDARDS		
NAME	ID	CONC (ug/L)
DCC	SV1-16-39-1	
DCC	-38-1 -27-1	
DCC	-34-1	
BFB	-26-2	50/250
IS/SURR.	-33-2	
LCS	-35-3	
LCS	-36-3	
LCS	-35-1	
SOLVENT	ID	
METHANOL		
DATA FILE	10I10	

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T067	

Comments:

Analyzed By: DH / ca

Date Disposed: 9/11/10

Disposed By: ca

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

METHOD RSK-175
DISSOLVED GASES

SDG#: 101666

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I666

METHOD RSK-175
DISSOLVED GASES

A total of nine (9) water samples were received on 09/30/10 for Dissolved Gas analysis, Method RSK-175 in accordance with USEPA at R.S. Kerr Environmental Research Laboratory, Ada, OK 74820 March 15, 1989.

Holding Time
Samples were analyzed out of the prescribed 7-days holding time for unpreserved samples.

Calibration
Calibration was performed as prescribed by the method and was verified using a secondary source (ICV). All calibration requirements were within acceptance criteria.

Method Blank
Method blank was analyzed at the frequency required by the project. For this SDG, one method blank was analyzed with the samples. Result was compliant to project requirement.

Lab Control Sample
A set of LCS/LCD was analyzed with the samples in this SDG.
Percent recoveries for DGJ005L/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated in this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
All samples were labeled preserved with HCL, however pH were >2. The samples were analyzed eight days after collection date.

LAB CHRONICLE
DISSOLVED GASES

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.

SDG NO. : 101666
Instrument ID : GCT010

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	DGJ005B	1	NA	10/07/1010:18	10/07/1009:30	FJ07003A	FJ07002A	DGJ005W	Method Blank
LCS1W	DGJ005L	1	NA	10/07/1010:30	10/07/1009:30	FJ07004A	FJ07002A	DGJ005W	Lab Control Sample (LCS)
LCD1W	DGJ005C	1	NA	10/07/1010:42	10/07/1009:30	FJ07005A	FJ07002A	DGJ005W	LCS Duplicate
IW-70-SAT50-P13	1666-01	1	NA	10/07/1012:37	10/07/1009:30	FJ07014A	FJ07002A	DGJ005W	Field Sample
IW-70-SAT50-P13DL	1666-01D	500	NA	10/07/1014:06	10/07/1009:30	FJ07020A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT35-P13	1666-02	1	NA	10/07/1012:50	10/07/1009:30	FJ07015A	FJ07002A	DGJ005W	Field Sample
IW-70-SAT35-P13DL1	1666-02T	500	NA	10/07/1014:30	10/07/1009:30	FJ07022A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT35-P13DL2	1666-02I	5	NA	10/07/1014:40	10/07/1009:30	FJ07023A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT36-P13	1666-03	1	NA	10/07/1013:11	10/07/1009:30	FJ07016A	FJ07002A	DGJ005W	Field Sample
IW-70-SAT36-P13DL	1666-03T	10	NA	10/07/1014:51	10/07/1009:30	FJ07024A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT46-P13	1666-04	1	NA	10/07/1013:25	10/07/1009:30	FJ07017A	FJ07002A	DGJ005W	Field Sample
IW-70-SAT46-P13DL1	1666-04T	500	NA	10/07/1015:27	10/07/1009:30	FJ07027A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT46-P13DL2	1666-04I	5	NA	10/07/1015:39	10/07/1009:30	FJ07028A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT31-P13	1666-05	1	NA	10/07/1014:20	10/07/1009:30	FJ07021A	FJ07018A	DGJ005W	Field Sample
IW-70-SAT31-P13DL1	1666-05T	250	NA	10/07/1015:02	10/07/1009:30	FJ07025A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT31-P13DL2	1666-05I	5	NA	10/07/1015:14	10/07/1009:30	FJ07026A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT16-P13	1666-06	1	NA	10/07/1015:51	10/07/1009:30	FJ07029A	FJ07018A	DGJ005W	Field Sample
IW-70-SAT16-P13DL	1666-06T	10	NA	10/07/1016:15	10/07/1009:30	FJ07031A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT16-P13-D	1666-07	1	NA	10/07/1016:03	10/07/1009:30	FJ07030A	FJ07018A	DGJ005W	Field Sample
IW-70-SAT16-P13-DDL	1666-07T	10	NA	10/07/1016:27	10/07/1009:30	FJ07032A	FJ07018A	DGJ005W	Diluted Sample
IW-70-SAT45-P13	1666-08	1	NA	10/07/1016:58	10/07/1009:30	FJ07034A	FJ07033A	DGJ005W	Field Sample
IW-70-SAT45-P13DL	1666-08J	400	NA	10/07/1018:26	10/07/1009:30	FJ07040A	FJ07033A	DGJ005W	Diluted Sample
IW-70-SAT03-P13	1666-09	1	NA	10/07/1017:11	10/07/1009:30	FJ07035A	FJ07033A	DGJ005W	Field Sample
IW-70-SAT03-P13DL1	1666-09T	25	NA	10/07/1017:41	10/07/1009:30	FJ07037A	FJ07033A	DGJ005W	Diluted Sample
IW-70-SAT03-P13DL2	1666-09I	50	NA	10/07/1018:14	10/07/1009:30	FJ07039A	FJ07033A	DGJ005W	Diluted Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/28/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT50-P13	Date Analyzed: 10/07/10 12:37
Lab Samp ID: I666-01	Dilution Factor: 1
Lab File ID: FJ07014A	Matrix : WATER
Ext Btch ID: OGJ005W	% Moisture : NA
Calib. Ref.: FJ07002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	4.8	2.0	0.60
ETHENE	31	2.0	0.60
METHANE	400E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/28/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10I666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT5D-P130L	Date Analyzed: 10/07/10 14:06
Lab Samp ID: I666-01I	Dilution Factor: 500
Lab File ID: FJ07020A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	7400	1000	300

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 1D1666	Date Extracted: 10/07/10 09:30
Sample ID: 1W-70-SAT35-P13	Date Analyzed: 10/07/10 12:50
Lab Samp ID: 1666-02	Dilution Factor: 1
Lab File ID: FJ07015A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07002A	Instrument ID : GCT01D

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	0.89J	2.0	0.60
ETHENE	73E	2.0	0.60
METHANE	390E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: 1W-70-SAT35-P130L2	Date Analyzed: 10/07/10 14:40
Lab Samp ID: I666-02I	Dilution Factor: 5
Lab File ID: FJ07023A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCTD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	69	10	3.0
METHANE	1100E	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: 1W-70-SAT35-P130L1	Date Analyzed: 10/07/10 14:30
Lab Samp ID: 1666-021	Dilution Factor: 500
Lab File ID: FJ07022A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GC1010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	12000	1000	300

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 10T666	Date Extracted: 10/07/10 09:30
Sample ID: 1W-70-SAT36-P13	Date Analyzed: 10/07/10 13:11
Lab Samp ID: I666-03	Dilution Factor: 1
Lab File ID: FJ07016A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07002A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	3.7	2.0	0.60
ETHENE	60E	2.0	0.60
METHANE	100E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT36-P13DL	Date Analyzed: 10/07/10 14:51
Lab Samp ID: I666-03T	Dilution Factor: 10
Lab File ID: FJ07024A	Matrix : WATER
Ext Btch ID: OGJD05W	% Moisture : NA
Calib. Ref.: FJ07D18A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	55	20	6.0
METHANE	170	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/29/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101666	Date Extracted:	10/07/10 09:30
Sample ID:	IW-70-SAT46-P13	Date Analyzed:	10/07/10 13:25
Lab Samp ID:	I666-04	Dilution Factor:	1
Lab File ID:	FJ07017A	Matrix :	WATER
Ext Btch ID:	OGJ005W	% Moisture :	NA
Calib. Ref.:	FJ07002A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	2.6	2.0	0.60
ETHENE	92E	2.0	0.60
METHANE	510E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT46-P13DL2	Date Analyzed: 10/07/10 15:39
Lab Samp ID: I666-041	Dilution Factor: 5
Lab File ID: FJ07028A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	10	3.0
ETHENE	72	10	3.0
METHANE	1200E	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: TW-70-SAT46-P130L1	Date Analyzed: 10/07/10 15:27
Lab Samp ID: 1666-04T	Dilution Factor: 500
Lab File ID: FJ07027A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	1000	300
ETHENE	ND	1000	300
METHANE	10000	1000	300

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT31-P13	Date Analyzed: 10/07/10 14:20
Lab Samp ID: I666-05	Dilution Factor: 1
Lab File ID: FJ07021A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCTD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	5.1	2.0	0.60
ETHENE	75E	2.0	0.60
METHANE	280E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT31-P13DL2	Date Analyzed: 10/07/10 15:14
Lab Samp ID: I666-051	Dilution Factor: 5
Lab File ID: FJ07026A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCTD1D

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	4.3J	10	3.0
ETHENE	64	10	3.0
METHANE	770E	10	3.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, LR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: LW-70-SAT31-P13DL1	Date Analyzed: 10/07/10 15:02
Lab Samp ID: I666-05T	Dilution Factor: 250
Lab File ID: FJ07025A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	500	150
ETHENE	ND	500	150
METHANE	2600	500	150

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/29/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101666	Date Extracted:	10/07/10 09:30
Sample ID:	IW-70-SAT16-P13	Date Analyzed:	10/07/10 15:51
Lab Samp ID:	1666-06	Dilution Factor:	1
Lab File ID:	FJ07029A	Matrix :	WATER
Ext Btch ID:	OGJ005W	% Moisture :	NA
Calib. Ref.:	FJ07018A	Instrument ID :	GCTD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.0	2.0	0.60
ETHENE	60E	2.0	0.60
METHANE	110E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: TW-70-SAT16-P13DL	Date Analyzed: 10/07/10 16:15
Lab Samp ID: 1666-06T	Dilution Factor: 10
Lab File ID: FJ07031A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	20	6.0
ETHENE	57	20	6.0
METHANE	240	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT16-P13-D	Date Analyzed: 10/07/10 16:03
Lab Samp ID: I666-07	Dilution Factor: 1
Lab File ID: FJ07030A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.9	2.0	0.60
ETHENE	59	2.0	0.60
METHANE	110E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-7D-SAT16-P13-DDL	Date Analyzed: 10/07/10 16:27
Lab Samp ID: 1666-07T	Dilution Factor: 10
Lab File ID: FJ07032A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07018A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.4J	20	6.0
ETHENE	53	20	6.0
METHANE	220	20	6.0

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/29/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101666	Date Extracted:	10/07/10 09:30
Sample ID:	IW-70-SAT45-P13	Date Analyzed:	10/07/10 16:58
Lab Samp ID:	1666-08	Dilution Factor:	1
Lab File ID:	FJ07034A	Matrix :	WATER
Ext Btch ID:	DGJ005W	% Moisture :	NA
Calib. Ref.:	FJ07033A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	6.2	2.0	0.60
ETHENE	46	2.0	0.60
METHANE	400E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/29/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT45-P13DL	Date Analyzed: 10/07/10 18:26
Lab Samp ID: I666-08J	Dilution Factor: 400
Lab File ID: FJ07040A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07033A	Instrument ID : GCYD10

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	800	240
ETHENE	ND	800	240
METHANE	11000	800	240

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 101666	Date Extracted:	10/07/10 09:30
Sample ID:	IW-70-SAT03-P13	Date Analyzed:	10/07/10 17:11
Lab Samp ID:	I666-09	Dilution Factor:	1
Lab File ID:	FJ07035A	Matrix :	WATER
Ext Btch ID:	OGJ005W	% Moisture :	NA
Calib. Ref.:	FJ07033A	Instrument ID :	GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	9.9	2.0	0.60
ETHENE	100E	2.0	0.60
METHANE	190E	2.0	0.60

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: 09/30/10
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 09/30/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: IW-70-SAT03-P13DL1	Date Analyzed: 10/07/10 17:41
Lab Samp ID: 1666-09T	Dilution Factor: 25
Lab File ID: FJ07037A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07033A	Instrument ID : GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	50	15
ETHENE	85	50	15
METHANE	990E	50	15

METHOD RSK-175
DISSOLVED GASES

Client	: INSIGHT EEC, INC.	Date Collected:	09/30/10
Project	: NWS SEAL BEACH, IR SITE 70.	Date Received:	09/30/10
Batch No.	: 10I666	Date Extracted:	10/07/10 09:30
Sample ID:	1W-70-SAT03-P13DL2	Date Analyzed:	10/07/10 18:14
Lab Samp ID:	I666-09I	Dilution Factor:	50
Lab File ID:	FJ07039A	Matrix	: WATER
Ext Btch ID:	DGJ005W	% Moisture	: NA
Calib. Ref.:	FJ07033A	Instrument ID	: GCT010

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	100	30
ETHENE	5BJ	100	30
METHANE	1100	100	30

QC SUMMARIES

METHOD RSK-175
DISSOLVED GASES

Client : INSIGHT EEC, INC.	Date Collected: NA
Project : NWS SEAL BEACH, IR SITE 70.	Date Received: 10/07/10
Batch No. : 101666	Date Extracted: 10/07/10 09:30
Sample ID: MBLK1W	Date Analyzed: 10/07/10 10:18
Lab Samp ID: DGJ005B	Dilution Factor: 1
Lab File ID: FJ07003A	Matrix : WATER
Ext Btch ID: DGJ005W	% Moisture : NA
Calib. Ref.: FJ07002A	Instrument ID : GC7D1D

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ETHANE	ND	2.0	0.60
ETHENE	ND	2.0	0.60
METHANE	ND	2.0	0.60

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD RSK-175

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	DGJ005B	DGJ005L	DGJ005C		
LAB FILE ID:	FJ07003A	FJ07004A	FJ07005A		
DATE EXTRACTED:	10/07/1009:30	10/07/1009:30	10/07/1009:30	DATE COLLECTED:	NA
DATE ANALYZED:	10/07/1010:18	10/07/1010:30	10/07/1010:42	DATE RECEIVED:	10/07/10
PREP. BATCH:	DGJ005W	DGJ005W	DGJ005W		
CALIB. REF:	FJ07002A	FJ07002A	FJ07002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Ethane	ND	25.4	28.1	111	25.4	28.0	110	0	70-140	30
Ethene	ND	23.7	26.5	112	23.7	26.6	112	1	70-140	30
Methane	ND	13.6	14.2	104	13.6	14.2	104	0	70-130	30

INITIAL CALIBRATION

INITIAL CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
LFID & Datetime: F127005A 09/27/10 13:01
LFID & Datetime: F127006A 09/27/10 13:13
LFID & Datetime: F127007A 09/27/10 13:29
LFID & Datetime: F127008A 09/27/10 13:43
LFID & Datetime: F127009A 09/27/10 13:58
LFID & Datetime: F127010A 09/27/10 14:12
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 2.00X	10.00X	25.00X	40.00X	75.00X	100.00X	MEAN	%RSD
Methane	0.34	34588	25487	26923	23299	26364	25246	26984.4	14.5
Ethylene	0.59	18195	14654	16354	14507	16520	15806	16006.0	8.5
Ethane	0.64	25427	21095	23864	20941	24224	23278	23138.2	7.7
Propane	0.93	25561	20961	25981	22347	25211	24182	24040.3	8.3

DG1C127.MET

AS
9/30/10

SECOND SOURCE VERIFICATION

INITIAL CALIBRATION VERIFICATION
DISSOLVED GASES

Lab Name : EMAX
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: F127008A 09/27/2010 13:43
Conc Cont LFID & Datetime: F127011A 09/27/2010 14:24
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	341968	12.67	-7		15
Ethylene	2.683	2.632	2.734	23.7	16006.0	390686	24.41	3		15
Ethane	3.117	3.067	3.167	25.4	23138.2	604778	26.14	3		15
Propane	6.017	5.930	6.104	37.3	24040.3	864724	35.97	-4		15

DG10127.MET

9/30/10

DAILY CALIBRATION

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : ENAX Inc
Instrument ID : GCTD10
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ07002A 10/07/2010 10:05
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.117	1.088	1.146	13.6	26984.4	391713	14.52	7		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	424521	26.52	12		15
Ethane	3.125	3.075	3.175	25.4	23138.2	660543	28.55	12		15
Propane	6.008	5.921	6.095	37.3	24040.3	998893	41.55	11		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FJ27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ07018A 10/07/2010 13:40
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	402693	14.92	10		15
Ethylene	2.667	2.616	2.718	23.7	16006.0	417483	26.08	10		15
Ethane	3.100	3.050	3.150	25.4	23138.2	635617	27.47	8		15
Propane	5.975	5.888	6.062	37.3	24040.3	938333	39.03	5		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FJ27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ07033A 10/07/2010 16:42
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	OL	%D LIMITS
Methane	1.108	1.079	1.137	13.6	26984.4	368269	13.65	1		15
Ethylene	2.692	2.641	2.743	23.7	16006.0	392163	24.50	3		15
Ethane	3.125	3.075	3.175	25.4	23138.2	613650	26.52	4		15
Propane	6.008	5.921	6.095	37.3	24040.3	965497	40.16	8		15

CONTINUE CALIBRATION
DISSOLVED GASES

Lab Name : EMAX Inc
Instrument ID : GCT010
GC Column : CARBOXEN 1006PLOT
Column size ID : 30MX0.53MM
Mid Conc Init LFID & Datetime: FI27008A 09/27/2010 13:43
Conc Cont LFID & Datetime: FJ07041A 10/07/2010 18:42
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
Methane	1.100	1.071	1.129	13.6	26984.4	356447	13.21	-3	.	15
Ethylene	2.683	2.632	2.734	23.7	16006.0	377279	23.57	-1		15
Ethane	3.117	3.067	3.167	25.4	23138.2	592030	25.59	1		15
Propane	5.992	5.905	6.079	37.3	24040.3	928226	38.61	4		15

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

DGAS ICAL

	std added		He added	
1)	0.08 mL	+	3.92 mL	He
2)	0.4 mL	+	3.6 mL	
3)	1.0 mL	+	3.0 mL	
4)	1.6 mL	+	2.4 mL	
5)	3.0 mL	+	1.0 mL	
6)	4.0 mL	+	0.0 mL	

Book #: A10-021

Instrument No.: 10

Analytical Sequence: F127

Method File: DG10127

Analytical Batch: DG10127001

SOP #	Rev. #
☑ EMAX-RSK175	1
☑ EMAX-RSK175M (SOP 127/10)	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
DGAS ICAL SCOTTY SSSA-05-01-1	500 ppm
DGAS ICAL (Matheson) SSSA-05-01-5	500 ppm
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labbkup/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 9/27/10

Disposed By:

Date Disposed:

Method: Dg10i27.met Batch: Fi27.seq Data: Fi28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Method Data Batch Integ Peaks Batch Custom Review Reprocs Recalib Analysis Reports

Run	Sample ID	Method	Filename	Mult.	Description
1	CB10I359	dg10f08.met	FI27.001	1	
2	CDG10F08359	dg10f08.met	FI27.002	1	1
3	CDG10F08359	dg10f08.met	FI27.003	1	(2)DOES NOT PASS , NEED ICAL
4	CDG10F08359	dg10f08.met	FI27.004	1	3
5	DG10I27001	hods\dg10i27.met	FI27.005	1	DGAS ICAL
6	DG10I27002	hods\dg10i27.met	FI27.006	1	DGAS ICAL
7	DG10I27003	hods\dg10i27.met	FI27.007	1	DGAS ICAL
8	DG10I27004	hods\dg10i27.met	FI27.008	1	DGAS ICAL
9	DG10I27005	hods\dg10i27.met	FI27.009	1	DGAS ICAL
10	DG10I27006	hods\dg10i27.met	FI27.010	1	DGAS ICAL
11	IDG10I27001	hods\dg10i27.met	FI27.011	1	DGAS ICV 2nd SOURCE
12	DG10I9R	hods\dg10i27.met	FI27.012	1	
13	DG10I9L	hods\dg10i27.met	FI27.013	1	
14	DG10I9C	hods\dg10i27.met	FI27.014	1	
15	DG10I20I	hods\dg10i27.met	FI27.015	1	
16	DG10I20C	hods\dg10i27.met	FI27.016	1	
17	10I246-01	hods\dg10i27.met	FI27.017	1	
18	10I246-02	hods\dg10i27.met	FI27.018	1	
19	10I246-01I DF-10	hods\dg10i27.met	FI27.019	10	
20	10I246-02H	hods\dg10i27.met	FI27.020	1	
21	10I246-02S	hods\dg10i27.met	FI27.021	1	
22	10I246-03	hods\dg10i27.met	FI27.022	1	
23	10I246-04	hods\dg10i27.met	FI27.023	1	
24	10I246 05	hods\dg10i27.met	FI27.024	1	
25	10I246-06	hods\dg10i27.met	FI27.025	1	
26	TEST	hods\dg10i27.met	FI27.026	1	TEST FROM EARLIER PREP STD
27	TEST	hods\dg10i27.met	FI27.027	1	TEST FROM EARLIER PREP STD
28	TEST	hods\dg10i27.met	FI27.028	1	TEST FROM EARLIER PREP STD
29	CHANGE SEPTA	hods\dg10i27.met	FI27.029	1	
30	CDG10I27002	hods\dg10i27.met	FI27.030	1	Not usable
31	CDG10I27002 ✓	hods\dg10i27.met	FI27.031	1	NEW DCC
32	10I246-02W	hods\dg10i27.met	FI27.032	1	CONF ONLY
33	10I246-01I DF-200	hods\dg10i27.met	FI27.033	200	
34	10I246-01J DF=500	hods\dg10i27.met	FI27.034	500	not usable too high
35	10I246-01J DF=1000	hods\dg10i27.met	FI27.035	1000	✓

Start | EZChrom Chromatography | Method: Dg10i27.met - Ba... | untitled - Paint | Method: Dg10i27.inet... | Tuesday, September 28, 2010 8:25 AM

Method: Dg10i27.met Batch: Fi27.seq Data: FI28.001 - [Batch: fi27.seq]

File Edit Method Batch Options Analysis Window Help

Unlinked | Data | Batch | Integ. | Peaks | Batch | Custom | Review | Reproc | Recalib | Analyze | Reports

Run	Sample ID	Method	Filename	Mult	Description
36	101246-051 DF=1000	hods\dg10i27.met	FI27.036	1000	
37	101246-067 DF=1000	hods\dg10i27.met	FI27.037	1000	
38	CDG10I27003	hods\dg10i27.met	FI27.038	1	
39	BB	hods\dg10i27.met	FI27.039	1	
40	BB	hods\dg10i27.met	FI27.040	1	
41	BB	hods\dg10i27.met	FI27.041	1	
42	BB	hods\dg10i27.met	FI27.042	1	
43	BB	hods\dg10i27.met	FI27.043	1	
44	BB	hods\dg10i27.met	FI27.044	1	
45	BB	hods\dg10i27.met	FI27.045	1	
46	BB	hods\dg10i27.met	FI27.046	1	
47	BB	hods\dg10i27.met	FI27.047	1	
48	BB	hods\dg10i27.met	FI27.048	1	
49	BB	hods\dg10i27.met	FI27.049	1	
50	BB	hods\dg10i27.met	FI27.050	1	
51	BB	hods\dg10i27.met	FI27.051	1	
52	BB	hods\dg10i27.met	FI27.052	1	
53	BB	hods\dg10i27.met	FI27.053	1	
54	BB	hods\dg10i27.met	FI27.054	1	
55	BB	hods\dg10i27.met	FI27.055	1	
56	BB	hods\dg10i27.met	FI27.056	1	
57	BB	hods\dg10i27.met	FI27.057	1	
58	BB	hods\dg10i27.met	FI27.058	1	
59	BB	hods\dg10i27.met	FI27.059	1	
60	BB	hods\dg10i27.met	FI27.060	1	
61	BB	hods\dg10i27.met	FI27.061	1	
62	BB	dg10f08.met	FI27.062	1	
63	BB	dg10f08.met	FI27.063	1	
64	BB	dg10f08.met	FI27.064	1	
65	BB	dg10f08.met	FI27.065	1	
66	BB	dg10f08.met	FI27.066	1	
67	BB	dg10f08.met	FI27.067	1	
68	BB	dg10f08.met	FI27.068	1	
69	BB	dg10f08.met	FI27.069	1	
70	BB	dg10f08.met	FI27.070	1	

Start | EZChrom Chromatography | Method: Dg10i27.met - Ba... | Untitled - Paint | Method: Dg10i27.met... | Tuesday, September 28, 2010

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
DISSOLVED GAS

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #:	A10-021
Instrument No.:	10
Analytical Sequence:	P307
Method File:	DG10I27
Analytical Batch:	C0G10I27034

SOP #	Rev. #
☑ EMAX-RSK175	1
☐ EMAX-RSK175M	1
☐ EMAX-	

STANDARDS ID	Conc (µg/L)
Dgas Dec 5358 -06-45-2	200
Temperature (°C) 22	
Data File	

ELECTRONIC DATA ARCHIVAL	
Location	Date
Labhktop/Ezchrom/EZC_9_DGAS	

Analyzed By: SD

Date: 10/7/10

Disposed By: SD

Date Disposed: 10/8/10

Method: Dg10i27.met Batch: Fj07.seq Data: Fj07.040 - [Batch: fj07.seq]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Recalib Analyze Reports

Run	Sample ID	Method	Filename	Mult.	Description
1	1B10I034	dg10i27.met	FJ07.001	1	
2	CDG10I27034	dg10i27.met	FJ07.002	1	
3	DGJ005B	dg10i27.met	FJ07.003	1	
4	DGJ005L	dg10i27.met	FJ07.004	1	
5	DGJ005C	dg10i27.met	FJ07.005	1	
6	10I657-01	dg10i27.met	FJ07.006	1	
7	10I657-02	dg10i27.met	FJ07.007	1	
8	10I657-03	dg10i27.met	FJ07.008	1	
9	10I657-04	dg10i27.met	FJ07.009	1	
10	10I657-05	dg10i27.met	FJ07.010	1	
11	10I657-06	dg10i27.met	FJ07.011	1	
12	10I657-07	dg10i27.met	FJ07.012	1	
13	10I657-05T DF=10	dg10i27.met	FJ07.013	10	
14	10I666-01	dg10i27.met	FJ07.014	1	
15	10I666-02	dg10i27.met	FJ07.015	1	
16	10I666-03	dg10i27.met	FJ07.016	1	
17	10I666-04	dg10i27.met	FJ07.017	1	
18	CDG10I27035	dg10i27.met	FJ07.018	1	
19	10I666-01T DF=250	dg10i27.met	FJ07.019	250	
20	10I666-01I DF=500	dg10i27.met	FJ07.020	500	
21	10I666-05	dg10i27.met	FJ07.021	1	
22	10I666-02I DF=500	dg10i27.met	FJ07.022	500	
23	10I666-02I DF=5	dg10i27.met	FJ07.023	5	
24	10I666-03T DF=10	dg10i27.met	FJ07.024	10	
25	10I666-05T DF=250	dg10i27.met	FJ07.025	250	
26	10I666-05I DF=5	dg10i27.met	FJ07.026	5	
27	10I666-04T DF=500	dg10i27.met	FJ07.027	500	
28	10I666-04I DF=5	dg10i27.met	FJ07.028	5	
29	10I666-06	dg10i27.met	FJ07.029	1	
30	10I666-07	dg10i27.met	FJ07.030	1	
31	10I666-06T DF=10	dg10i27.met	FJ07.031	10	
32	10I666-07T DF=10	dg10i27.met	FJ07.032	10	
33	CDG10I27036	dg10i27.met	FJ07.033	1	
34	10I666-08	dg10i27.met	FJ07.034	1	
35	10I666-09	dg10i27.met	FJ07.035	1	

Start | EZChrom Chromatograp... | Method: Dg10i27.... | Method: Dg10i27.met ... | Calculator | untitled - Paint | Exploring - 3½ Floppy (A:) | Thursday, October 07, 2011 6:30 PM

Method: Dg10i27.met - Batch: FJ07.seq Data: FJ07.040 - [Batch: FJ07.seq]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Results Analysis Reports

Run	Sample ID	Method	Filename	Mult	Description
36	101666-08I DF=20	dg10i27.met	FJ07.036	20	
37	101666-09I DF=25	dg10i27.met	FJ07.037	25	
38	101666-08I DF=200	dg10i27.met	FJ07.038	200	
39	101666-09I DF=50	dg10i27.met	FJ07.039	50	
40	101666-08J DF=400	dg10i27.met	FJ07.040	400	
41	CDG10I27037	dg10i27.met	FJ07.041	1	
42	IB	dg10i27.met	FJ07.042	1	
43	IB	dg10i27.met	FJ07.043	1	
44	IB	dg10i27.met	FJ07.044	1	
45	IB	dg10i27.met	FJ07.045	1	
46	IB	dg10i27.met	FJ07.046	1	
47	IB	dg10i27.met	FJ07.047	1	
48	IB	dg10i27.met	FJ07.048	1	
49	IB	dg10i27.met	FJ07.049	1	
50	IB	dg10i27.met	FJ07.050	1	
51	IB	dg10i27.met	FJ07.051	1	
52	IB	dg10i27.met	FJ07.052	1	
53	IB	dg10i27.met	FJ07.053	1	
54	IB	dg10i27.met	FJ07.054	1	
55	IB	dg10i27.met	FJ07.055	1	
56	IB	dg10i27.met	FJ07.056	1	
57	IB	dg10i27.met	FJ07.057	1	
58	IB	dg10i27.met	FJ07.058	1	
59	IB	dg10i27.met	FJ07.059	1	
60	IB	dg10i27.met	FJ07.060	1	
61	IB	dg10i27.met	FJ07.061	1	
62	IB	dg10i27.met	FJ07.062	1	
63	IB	dg10i27.met	FJ07.063	1	
64	IB	dg10i27.met	FJ07.064	1	
65	IB	dg10i27.met	FJ07.065	1	
66	IB	dg10i27.met	FJ07.066	1	
67	IB	dg10i27.met	FJ07.067	1	
68	IB	dg10i27.met	FJ07.068	1	
69	IB	dg10i27.met	FJ07.069	1	
70	IB	dg10i27.met	FJ07.070	1	

Start | EZChrom Chromatograp | Method: Dg10i27 ... | Method Dg10i27.met | Calculator | Untitled - Paint | Exploring | Thursday, October 07, 201

EXTRACTION LOGS

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 9/27/16 Time: 11:30 End Date: 9/27/16 Time: 12:30

PREPARATION BATCH # 1

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG10327-001	30	4	N/A	
02	DG10327-002				
03	DG10327-003				DGAS ICAL
04	DG10327-004				
05	DG10327-005				
06	DG10327-006				
07	DG10327-007				DGAS ICV.
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS ICV	5597A-05-01-5	1000

Reagent	Lot# / ID
H_2O	Organic free
He	UHP 1006
ICAL DGAS STD	5597A-05-01-1 (Scott)
ICAL DGAS STD	5597A-05-01-5 (Matheson)

SDG #	Extract Location

Comments:

1) 0.05 mL ICAL standard + 3.95 mL DI
2) 0.4 mL + 3.6 mL
3) 1.0 mL + 3.0 mL
4) 1.6 mL + 2.4 mL
5) 3.0 mL + 1.0 mL
6) 4.0 mL + 0.0 mL

Prepared By: SD

Standard Added By: SD

EMAX LABORATORIES, INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): Book # EDG-022

Start Date: 9/27/10 Time: 12:30 End Date: 9/27/10 Time: 13:30

PREPARATION BATCH # 0G1019/0G1020

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG1010 WB	30	4	NA	
02	WL				
03	WC				
04	DG1020 WB				
05	WL				
06	WC				
07	102246-01			<2	
08	-02				
09	-03				
10	-04				
11	-05				
12	-06				
13	-07				
14	-08				
15	-09				
16	-10				
17	-02M				
18	-02S				
19					
20					
21					
22					
23					
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SS5A-05-01-5	160c

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquide/ Alphagaz.

SDG #	Extract Location

Comments:

Prepared By: SO

Standard Added By: SO

EMAX LABORATORIES INC.

EXTRACTION LOG FOR DISSOLVED GAS

SOP ☑ EMAX-RSK175 Revision No.: 1 ☐ CO_2 ☐ Room Temp. (°C): 22 Book # EDG-022

Start Date: 10/7/10 Time: 9:30 End Date: 10/7/10 Time: 10:30

PREPARATION BATCH # 06-1005

Sample Prep ID	Lab Sample ID	Sample Amount (g/ml)	Extract Volume (ml)	pH	Notes
01	DG3005B	30	4	NA	
02	L				
03	C				
04	102657 -01			<2	
05	-02			<2	
06	-03			<2	
07	-04			<2	
08	-05			<2	
09	-06			<2	
10	-07			<2	
11	102666 -01			~~<4~~	<2 so acidic
12	-02			≈4	
13	-03			≈4	
14	-04			~~<3~~	<2 so acidic
15	-05			≈4	
16	-06			≈3	
17	-07			≈3	
18	-08			<2	
19	-09			≈4	
20					
21					
22					
23			50 10/7/10		
24					
25					

Standards	ID	Amount Added (µl)
LCS/MS	SS5A-05-01-5	100
DCC	SS5A-05-01-1	100

Reagent	Lot# / ID
H_2O	Organic free
He	Air liquid / Alphagaz 1

SDG #	Extract Location

Comments: Thermometer RSK175-01

Prepared By: SD

Standard Added By: SD

LABORATORY REPORT FOR

INSIGHT EEC, INC.

NWS SEAL BEACH, IR SITE 70.

WET CHEMICAL ANALYSES

SDG#: 101666

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I666

METHOD 300.0(M)
ORGANIC ACIDS BY IC

A total of nine (9) water samples were received on 09/30/10 for Organic Acids (Acetate, Butyrate, Lactate and Propionate) by IC analysis, Method 300.0(M) in accordance with Methods for the Determination of Inorganic Substances in Environmental Samples (EPA/600/R-93/100).

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, three (3) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Three sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for HCJ016WL/C were all within QC limits.
Percent recoveries for HCJ020WL/C were all within QC limits.
Percent recoveries for HCJ024WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.

SAMPLE RESULTS

METHOD 300.0(M)
ACETATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666

Matrix : WATER
Instrument ID : I1C6

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MDIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCJ024WB	ND	1	NA	1.00	0.500	10/19/1013:14	NA	HJ19002	HJ19001	HCJ024W	NA	NA
LCS1W	HCJ024WL	18.8	1	NA	1.00	0.500	10/19/1013:35	NA	HJ19003	HJ19001	HCJ024W	NA	NA
LCD1W	HCJ024WC	19.0	1	NA	1.00	0.500	10/19/1013:56	NA	HJ19004	HJ19001	HCJ024W	NA	NA
IW-70-SAT03-P13	1666-09	2230	400	NA	400	200	10/19/1021:15	NA	HJ19011	HJ19008	HCJ024W	09/30/1007:48	09/30/10
MBLK2W	HCJ016WB	ND	1	NA	1.00	0.500	10/12/1015:51	NA	HJ12002	HJ12001	HCJ016W	NA	NA
LCS2W	HCJ016WL	19.3	1	NA	1.00	0.500	10/12/1016:12	NA	HJ12003	HJ12001	HCJ016W	NA	NA
LCD2W	HCJ016WC	19.6	1	NA	1.00	0.500	10/12/1016:33	NA	HJ12004	HJ12001	HCJ016W	NA	NA
IW-70-SAT35-P13	1666-02	2830	100	NA	100	50.0	10/12/1021:33	NA	HJ12010	HJ12001	HCJ016W	09/29/1008:37	09/30/10
IW-70-SAT16-P13	1666-06	3850	200	NA	200	100	10/13/1005:58	NA	HJ12021	HJ12012	HCJ016W	09/29/1013:13	09/30/10
MBLK3W	HCJ020WB	ND	1	NA	1.00	0.500	10/14/1020:14	NA	HJ14002	HJ14001	HCJ020W	NA	NA
LCS3W	HCJ020WL	20.6	1	NA	1.00	0.500	10/14/1020:35	NA	HJ14003	HJ14001	HCJ020W	NA	NA
LCD3W	HCJ020WC	20.5	1	NA	1.00	0.500	10/14/1020:56	NA	HJ14004	HJ14001	HCJ020W	NA	NA
IW-70-SAT50-P13	1666-01	456	40	NA	40.0	20.0	10/14/1021:17	NA	HJ14005	HJ14001	HCJ020W	09/28/1014:22	09/30/10
IW-70-SAT36-P13	1666-03	4120	200	NA	200	100	10/15/1000:01	NA	HJ14009	HJ14001	HCJ020W	09/29/1009:09	09/30/10
IW-70-SAT46-P13	1666-04	3490	200	NA	200	100	10/15/1002:49	NA	HJ14013	HJ14012	HCJ020W	09/29/1009:40	09/30/10
IW-70-SAT31-P13	1666-05	4780	400	NA	400	200	10/15/1005:17	NA	HJ14016	HJ14012	HCJ020W	09/29/1010:15	09/30/10
IW-70-SAT16-P13-D	1666-07	3490	200	NA	200	100	10/15/1009:32	NA	HJ14021	HJ14012	HCJ020W	09/29/1013:17	09/30/10
IW-70-SAT45-P13	1666-08	630	50	NA	50.0	25.0	10/15/1010:12	NA	HJ14022	HJ14012	HCJ020W	09/29/1013:51	09/30/10

METHOD 300.0(M)
BUTYRATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCJ024WB	ND	1	NA	1.00	0.500	10/19/1013:14	NA	HJ19002	HJ19001	HCJ024W	NA	NA
LCS1W	HCJ024WL	18.5	1	NA	1.00	0.500	10/19/1013:35	NA	HJ19003	HJ19001	HCJ024W	NA	NA
LCD1W	HCJ024WC	18.6	1	NA	1.00	0.500	10/19/1013:56	NA	HJ19004	HJ19001	HCJ024W	NA	NA
IW-70-SAT03-P13	1666-09	2140	400	NA	400	200	10/19/1021:15	NA	HJ19011	HJ19008	HCJ024W	09/30/1007:48	09/30/10
MBLK2W	HCJ016WB	ND	1	NA	1.00	0.500	10/12/1015:51	NA	HJ12002	HJ12001	HCJ016W	NA	NA
LCS2W	HCJ016WL	19.0	1	NA	1.00	0.500	10/12/1016:12	NA	HJ12003	HJ12001	HCJ016W	NA	NA
LCD2W	HCJ016WC	19.9	1	NA	1.00	0.500	10/12/1016:33	NA	HJ12004	HJ12001	HCJ016W	NA	NA
IW-70-SAT50-P13	1666-01	11.5	1	NA	1.00	0.500	10/12/1017:59	NA	HJ12006	HJ12001	HCJ016W	09/28/1014:22	09/30/10
IW-70-SAT35-P13	1666-02	ND	2	NA	2.00	1.00	10/12/1020:52	NA	HJ12009	HJ12001	HCJ016W	09/29/1008:37	09/30/10
IW-70-SAT31-P13	1666-05	1050	100	NA	100	50.0	10/13/1004:36	NA	HJ12019	HJ12012	HCJ016W	09/29/1010:15	09/30/10
IW-70-SAT16-P13	1666-06	1390	50	NA	50.0	25.0	10/13/1005:17	NA	HJ12020	HJ12012	HCJ016W	09/29/1013:13	09/30/10
IW-70-SAT16-P13-D	1666-07	1390	50	NA	50.0	25.0	10/13/1006:39	NA	HJ12022	HJ12012	HCJ016W	09/29/1013:17	09/30/10
IW-70-SAT45-P13	1666-08	16.8	2	NA	2.00	1.00	10/13/1007:41	NA	HJ12024	HJ12023	HCJ016W	09/29/1013:51	09/30/10
MBLK3W	HCJ020WB	ND	1	NA	1.00	0.500	10/14/1020:14	NA	HJ14002	HJ14001	HCJ020W	NA	NA
LCS3W	HCJ020WL	20.9	1	NA	1.00	0.500	10/14/1020:35	NA	HJ14003	HJ14001	HCJ020W	NA	NA
LCD3W	HCJ020WC	20.4	1	NA	1.00	0.500	10/14/1020:56	NA	HJ14004	HJ14001	HCJ020W	NA	NA
IW-70-SAT36-P13	1666-03	277	20	NA	20.0	10.0	10/14/1022:39	NA	HJ14007	HJ14001	HCJ020W	09/29/1009:09	09/30/10
IW-70-SAT46-P13	1666-04	374	20	NA	20.0	10.0	10/15/1001:48	NA	HJ14011	HJ14001	HCJ020W	09/29/1009:40	09/30/10

METHOD 300.0(M)
LACTATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666

Matrix : WATER
Instrument ID : 1106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCJ024WB	ND	1	NA	1.00	0.500	10/19/1013:14	NA	HJ19002	HJ19001	HCJ024W	NA	NA
LCS1W	HCJ024WL	18.4	1	NA	1.00	0.500	10/19/1013:35	NA	HJ19003	HJ19001	HCJ024W	NA	NA
LCD1W	HCJ024WC	18.4	1	NA	1.00	0.500	10/19/1013:56	NA	HJ19004	HJ19001	HCJ024W	NA	NA
IW-70-SAT03-P13	I666-09	ND	4	NA	4.00	2.00	10/19/1019:28	NA	HJ19009	HJ19008	HCJ024W	09/30/1007:48	09/30/10
MBLK2W	HCJ016WB	ND	1	NA	1.00	0.500	10/12/1015:51	NA	HJ12002	HJ12001	HCJ016W	NA	NA
LCS2W	HCJ016WL	19.5	1	NA	1.00	0.500	10/12/1016:12	NA	HJ12003	HJ12001	HCJ016W	NA	NA
LCD2W	HCJ016WC	19.5	1	NA	1.00	0.500	10/12/1016:33	NA	HJ12004	HJ12001	HCJ016W	NA	NA
IW-70-SAT50-P13	I666-01	1.03	1	NA	1.00	0.500	10/12/1017:59	NA	HJ12006	HJ12001	HCJ016W	09/28/1014:22	09/30/10
IW-70-SAT35-P13	I666-02	ND	2	NA	2.00	1.00	10/12/1020:52	NA	HJ12009	HJ12001	HCJ016W	09/29/1008:37	09/30/10
IW-70-SAT36-P13	I666-03	ND	4	NA	4.00	2.00	10/13/1000:22	NA	HJ12014	HJ12012	HCJ016W	09/29/1009:09	09/30/10
IW-70-SAT45-P13	I666-08	3.19	2	NA	2.00	1.00	10/13/1007:41	NA	HJ12024	HJ12023	HCJ016W	09/29/1013:51	09/30/10
MBLK3W	HCJ020WB	ND	1	NA	1.00	0.500	10/14/1020:14	NA	HJ14002	HJ14001	HCJ020W	NA	NA
LCS3W	HCJ020WL	19.8	1	NA	1.00	0.500	10/14/1020:35	NA	HJ14003	HJ14001	HCJ020W	NA	NA
LCD3W	HCJ020WC	19.8	1	NA	1.00	0.500	10/14/1020:56	NA	HJ14004	HJ14001	HCJ020W	NA	NA
IW-70-SAT46-P13	I666-04	ND	2	NA	2.00	1.00	10/15/1000:42	NA	HJ14010	HJ14001	HCJ020W	09/29/1009:40	09/30/10
IW-70-SAT31-P13	I666-05	ND	4	NA	4.00	2.00	10/15/1003:30	NA	HJ14014	HJ14012	HCJ020W	09/29/1010:15	09/30/10
IW-70-SAT16-P13	I666-06	ND	2	NA	2.00	1.00	10/15/1005:58	NA	HJ14017	HJ14012	HCJ020W	09/29/1013:13	09/30/10
IW-70-SAT16-P13-D	I666-07	ND	2	NA	2.00	1.00	10/15/1007:45	NA	HJ14019	HJ14012	HCJ020W	09/29/1013:17	09/30/10

METHOD 300.0(M)
PROPIONATE

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666

Matrix : WATER
Instrument ID : I106

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HCJ024WB	ND	1	NA	1.00	0.500	10/19/1013:14	NA	HJ19002	HJ19001	HCJ024W	NA	NA
LCS1W	HCJ024WL	18.7	1	NA	1.00	0.500	10/19/1013:35	NA	HJ19003	HJ19001	HCJ024W	NA	NA
LCD1W	HCJ024WC	18.7	1	NA	1.00	0.500	10/19/1013:56	NA	HJ19004	HJ19001	HCJ024W	NA	NA
IW-70-SAT03-P13	I666-09	1460	50	NA	50.0	25.0	10/19/1020:34	NA	HJ19010	HJ19008	HCJ024W	09/30/1007:48	09/30/10
MBLK2W	HCJ016WB	ND	1	NA	1.00	0.500	10/12/1015:51	NA	HJ12002	HJ12001	HCJ016W	NA	NA
LCS2W	HCJ016WL	19.3	1	NA	1.00	0.500	10/12/1016:12	NA	HJ12003	HJ12001	HCJ016W	NA	NA
LCD2W	HCJ016WC	19.9	1	NA	1.00	0.500	10/12/1016:33	NA	HJ12004	HJ12001	HCJ016W	NA	NA
IW-70-SAT50-P13	I666-01	25.8	1	NA	1.00	0.500	10/12/1017:59	NA	HJ12006	HJ12001	HCJ016W	09/28/1014:22	09/30/10
IW-70-SAT46-P13	I666-04	184	10	NA	10.0	5.00	10/13/1002:08	NA	HJ12016	HJ12012	HCJ016W	09/29/1009:40	09/30/10
IW-70-SAT45-P13	I666-08	45.4	2	NA	2.00	1.00	10/13/1007:41	NA	HJ12024	HJ12023	HCJ016W	09/29/1013:51	09/30/10
MBLK3W	HCJ020WB	ND	1	NA	1.00	0.500	10/14/1020:14	NA	HJ14002	HJ14001	HCJ020W	NA	NA
LCS3W	HCJ020WL	21.0	1	NA	1.00	0.500	10/14/1020:35	NA	HJ14003	HJ14001	HCJ020W	NA	NA
LCD3W	HCJ020WC	20.7	1	NA	1.00	0.500	10/14/1020:56	NA	HJ14004	HJ14001	HCJ020W	NA	NA
IW-70-SAT35-P13	I666-02	175	20	NA	20.0	10.0	10/14/1021:58	NA	HJ14006	HJ14001	HCJ020W	09/29/1008:37	09/30/10
IW-70-SAT36-P13	I666-03	717	50	NA	50.0	25.0	10/14/1023:20	NA	HJ14008	HJ14001	HCJ020W	09/29/1009:09	09/30/10
IW-70-SAT31-P13	I666-05	643	50	NA	50.0	25.0	10/15/1004:36	NA	HJ14015	HJ14012	HCJ020W	09/29/1010:15	09/30/10
IW-70-SAT16-P13	I666-06	1680	100	NA	100	50.0	10/15/1007:04	NA	HJ14018	HJ14012	HCJ020W	09/29/1013:13	09/30/10
IW-70-SAT16-P13-D	I666-07	1590	100	NA	100	50.0	10/15/1008:51	NA	HJ14020	HJ14012	HCJ020W	09/29/1013:17	09/30/10

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HCJ024WB	HCJ024WL	HCJ024WC		
LAB FILE ID:	HJ19002	HJ19003	HJ19004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/19/1013:14	10/19/1013:35	10/19/1013:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ024W	HCJ024W	HCJ024W		
CALIB. REF:	HJ19001	HJ19001	HJ19001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	18.8	94	20.0	19.0	95	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HCJ016WB	HCJ016WL	HCJ016WC		
LAB FILE ID:	HJ12002	HJ12003	HJ12004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/12/1015:51	10/12/1016:12	10/12/1016:33	DATE RECEIVED:	NA
PREP. BATCH:	HCJC16W	HCJ016W	HCJC16W		
CALIB. REF:	HJ12001	HJ12001	HJ12001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	19.3	96	20.0	19.6	98	2	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	HCJ020WB	HCJ020WL	HCJ020WC		
LAB FILE ID:	HJ14002	HJ14003	HJ14004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/14/1020:14	10/14/1020:35	10/14/1020:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ020W	HCJ020W	HCJ020W		
CALIB. REF:	HJ14001	HJ14001	HJ14001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Acetate	ND	20.0	20.6	103	20.0	20.5	102	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HCJ016WB	HCJ016WL	HCJ016WC		
LAB FILE ID:	HJ12002	HJ12003	HJ12004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/12/1015:51	10/12/1016:12	10/12/1016:33	DATE RECEIVED:	NA
PREP. BATCH:	HCJ016W	HCJ016W	HCJ016W		
CALIB. REF:	HJ12001	HJ12001	HJ12001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	19.0	95	20.0	19.9	100	5	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	HCJ020WB	HCJ020WL	HCJ020WC		
LAB FILE ID:	HJ14002	HJ14003	HJ14004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/14/1020:14	10/14/1020:35	10/14/1020:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ020W	HCJ020W	HCJ020W		
CALIB. REF:	HJ14001	HJ14001	HJ14001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	20.9	104	20.0	20.4	102	2	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK'W				
LAB SAMP ID:	HCJ024WB	HCJ024WL	HCJ024WC		
LAB FILE ID:	HJ19002	HJ19003	HJ19004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/19/1013:14	10/19/1013:35	10/19/1013:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ024W	HCJ024W	HCJ024W		
CALIB. REF:	HJ19001	HJ19001	HJ19001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Butyrate	ND	20.0	18.5	92	20.0	18.6	93	1	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLKZW				
LAB SAMP ID:	ECJ016WB	HCJ016WL	ECJ016WC		
LAB FILE ID:	HJ12002	HJ12003	HJ12004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/12/1015:51	10/12/1016:12	10/12/1016:33	DATE RECEIVED:	NA
PREP. BATCH:	HCJ016W	HCJ016W	HCJ016W		
CALIB. REF:	HJ12001	HJ12001	HJ12001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.5	98	20.0	19.5	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT SEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	HCJ020WB	HCJ020WL	HCJ020WC		
LAB FILE ID:	HJ14002	HJ14003	HJ14004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/14/1020:14	10/14/1020:35	10/14/1020:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ020W	HCJ020W	HCJ020W		
CALIB. REF:	HJ14001	HJ14001	HJ14001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	19.8	99	20.0	19.8	99	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HCJ024WB	HCJ024WL	HCJ024WC		
LAB FILE ID:	HJ19002	HJ19003	HJ19004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/19/1013:14	10/19/1013:35	10/19/1013:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ024W	HCJ024W	HCJ024W		
CALIB. REF:	HJ19001	HJ19001	HJ19001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Lactate	ND	20.0	18.4	92	20.0	18.4	92	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 10:666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	HCJ024WB	HCJ024WL	HCJ024WC		
LAB FILE ID:	HJ19002	HJ19003	HJ19004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/19/1013:14	10/19/1013:35	10/19/1013:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ024W	HCJ024W	HCJ024W		
CALIB. REF:	HJ19001	HJ19001	HJ19001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	18.7	94	20.0	18.7	94	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	HCJ016WB	HCJ016WL	HCJ016WC		
LAB FILE ID:	HJ12002	HJ12003	HJ12004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/12/1015:51	10/12/1016:12	10/12/1016:33	DATE RECEIVED:	NA
PREP. BATCH:	HCJ016W	HCJ016W	HCJ016W		
CALIB. REF:	HJ12001	HJ12001	HJ12001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	19.3	96	20.0	19.9	100	3	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD 300.0(M)

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	HCJ020WB	HCJ020WL	HCJ020WC		
LAB FILE ID:	HJ14002	HJ14003	HJ14004		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/14/1020:14	10/14/1020:35	10/14/1020:56	DATE RECEIVED:	NA
PREP. BATCH:	HCJ020W	HCJ020W	HCJ020W		
CALIB. REF:	HJ14001	HJ14001	HJ14001		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Propionate	ND	20.0	21.0	105	20.0	20.7	103	1	90-110	20

INITIAL CALIBRATION

IC SEQ FORM/R113 (2010)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
HI13C01	IB	ABLPY	OA106I13	09/13/1014:36	1
HI13C02	S-0	ABLPY	OA106I13	09/13/1014:57	1
HI13C03	S-1	ABLPY	OA106I13	09/13/1016:48	1
HI13C04	S-2	ABLPY	OA106I13	09/13/1017:16	1
HI13C05	S-3	ABLPY	OA106I13	09/13/1017:37	1
HI13006	S-4	ABLPY	OA106I13	09/13/1017:58	1
HI13C07	S-5	ABLPY	OA106I13	09/13/1018:19	1
HI13008	ICV	ABLPY	OA106I13	09/13/1018:40	1
HI13009	ICB	ABLPY	OA106I13	09/13/1019:01	1

No.	Ret.Time min	Peak Name	Cal.Type	Points	R-Square	Offset	Slope	Curve
1	4.09	LACTATE	0LOff	5	0.9999	-0.000636	0.2944	0.0000
2	4.33	ACETATE	0LOff	5	0.9995	0.008319	0.2999	0.0000
3	4.88	PROPIONA	0LOff	5	0.9993	0.004821	0.1875	0.0000
4	5.87	BUTYRATE	0LOff	5	1.0000	0.000126	0.1289	0.0000
5	6.81	PYRUVATE	0LOff	5	0.9998	-0.003596	0.1871	0.0000
Average:					n.a.	n.a.	n.a.	0.0000

AA
9/10/10

SECOND SOURCE

IC RESULT FORM CalVersion: 300M.113/HI13 (2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	D'
HI13001	IB	ABLPY	ND	ND	ND	ND	ND	09/13/1014:36	1
HI13002	S-0	ABLPY	ND	ND	ND	ND	ND	09/13/1014:57	1
HI13003	S-1	ABLPY	.084	.099	.113	.075	.112	09/13/1016:48	1
HI13004	S-2	ABLPY	.52	.499	.497	.524	.485	09/13/1017:16	1
HI13005	S-3	ABLPY	1.026	.998	.981	1.031	.975	09/13/1017:37	1
HI13006	S-4	ABLPY	2.026	2.013	2.003	2.027	1.994	09/13/1017:58	1
HI13007	S-5	ABLPY	2.971	2.993	3.004	2.969	3.015	09/13/1018:19	1
HI13008	ICV	ABLPY	98.6%	98.7%	98.4%	98.2%	98.4%	09/13/1018:40	1
HI13009	ICB	ABLPY	ND	ND	ND	ND	ND	09/13/1019:01	1

DAILY CALIBRATION

IC RESULT FORM CalVersion: 300W.113/HI13(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HJ12001	CCV106	ABLPY	99.1%	100%	99.2%	100%	97.9%	10/12/1015:15	1
HJ12002	HCJ016WB	ABLPY	ND	ND	ND	ND	ND	10/12/1015:51	1
HJ12003	HCJ016WL	ABLPY	1.93	1.9	1.95	1.93	1.88	10/12/1016:12	1
HJ12004	HCJ016WC	ABLPY	1.96	1.99	1.95	1.99	1.92	10/12/1016:33	1
HJ12005	I666-01	****Y	165E	13	.863	30.2E	1.03	10/12/1016:54	5
HJ12006	I666-01	*BLPY	23.6E	1.15	.103	2.58	ND	10/12/1017:59	1
HJ12007	I666-01	****Y	41.2E	.834	ND	1.81	ND	10/12/1019:05	5
HJ12008	I666-02	****Y	308E	ND	ND	63.8E	ND	10/12/1019:46	5
HJ12009	I666-02	*BL*Y	76.8E	ND	ND	22.2E	ND	10/12/1020:52	2
HJ12010	I666-02	A***Y	283	ND	ND	13.3	ND	10/12/1021:33	100
HJ12011	I666-03	****Y	395E	26.7	ND	69.3	ND	10/12/1022:14	100
HJ12012	CCV108	ABLPY	102%	103%	99.8%	102%	97.5%	10/12/1022:55	1
HJ12013	I666-03	****Y	55.2E	24.3E	ND	39.8E	2.36	10/12/1023:16	1
HJ12014	I666-03	**L*Y	135E	27.4E	ND	59.6E	1.59	10/13/1000:22	4
HJ12015	I666-04	****Y	52.3E	29.1E	ND	ND	1.6	10/13/1001:03	1
HJ12016	I666-04	***PY	194E	36.1E	ND	18.4	ND	10/13/1002:08	10
HJ12017	I666-04	****Y	342E	38	ND	13.1	ND	10/13/1002:49	100
HJ12018	I666-05	****Y	57.5E	52.7E	ND	41E	ND	10/13/1003:30	1
HJ12019	I666-05	*B**Y	437E	105	ND	63.2	ND	10/13/1004:36	100
HJ12020	I666-06	*B**Y	333E	139	ND	164E	ND	10/13/1005:17	50
HJ12021	I666-06	A***Y	385	150	ND	175	ND	10/13/1005:58	200
HJ12022	I666-07	*B**Y	328E	139	ND	163E	ND	10/13/1006:39	50
HJ12023	CCV110	ABLPY	103%	102%	101%	104%	96.6%	10/13/1007:20	1
HJ12024	I666-08	*BLPY	41.2E	1.68	.319	4.54	.279	10/13/1007:41	2
HJ12025	I666-08	****Y	69.4E	ND	ND	2.8	ND	10/13/1008:47	20
HJ12026	CCV112	ABLPY	100%	103%	98.4%	102%	99.3%	10/13/1011:54	1
HJ12027	HCJ018WL	ABLPY	2.04	2.13	2.01	2.07	2.08	10/13/1012:15	1
HJ12028	HCJ018WC	ABLPY	2.04	2.13	2.01	2.07	2.07	10/13/1012:36	1
HJ12029	HCJ018WB	ABLPY	ND	ND	ND	ND	ND	10/13/1012:57	1
HJ12030	I602-10	**L*Y	1320E	2700E	ND	891E	ND	10/13/1013:18	50
HJ12031	I602-10	A*LPY	2940	5820E	ND	1160	ND	10/13/1013:59	1000
HJ12032	I602-10	ABLPY	2980	5910	ND	1120	ND	10/13/1014:40	2000
HJ12033	CCV114	ABLPY	100%	100%	97.5%	100%	97.6%	10/13/1015:21	1

IC RESULT FORM CalVersion: 300M.113/H113(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HJ14001	CCV116	ABLPY	102%	102%	98.6%	103%	101%	10/14/1019:53	1
HJ14002	HCJ020WB	ABLPY	ND	ND	ND	ND	ND	10/14/1020:14	1
HJ14003	HCJ020WL	ABLPY	2.06	2.09	1.98	2.1	2.05	10/14/1020:35	1
HJ14004	HCJ020WC	ABLPY	2.05	2.04	1.98	2.07	2.02	10/14/1020:56	1
HJ14005	I666-01	A***Y	45.6	ND	ND	ND	ND	10/14/1021:17	40
HJ14006	I666-02	***PY	224E	ND	ND	17.5	1.25	10/14/1021:58	20
HJ14007	I666-03	*B**Y	298E	27.7	ND	71.2E	1.73	10/14/1022:39	20
HJ14008	I666-03	***PY	381E	27.4	ND	71.7	ND	10/14/1023:20	50
HJ14009	I666-03	A***Y	412	22.7	ND	64.5	ND	10/15/1000:01	200
HJ14010	I666-04	**L*Y	82.7E	32.8E	ND	23.9E	.719	10/15/1000:42	2
HJ14011	I666-04	*B**Y	256E	37.4	ND	17.6	ND	10/15/1001:48	20
HJ14012	CCV118	ABLPY	105%	105%	101%	106%	103%	10/15/1002:28	1
HJ14013	I666-04	A***Y	349	36	ND	ND	ND	10/15/1002:49	200
HJ14014	I666-05	**L*Y	144E	85.4E	ND	61.3E	.781	10/15/1003:30	4
HJ14015	I666-05	***PY	403E	102	ND	64.3	ND	10/15/1004:36	50
HJ14016	I666-05	A***Y	478	108	ND	64.3	ND	10/15/1005:17	400
HJ14017	I666-06	**L*Y	86E	86E	ND	79.4E	3.29	10/15/1005:58	2
HJ14018	I666-06	***PY	363E	142	ND	168	ND	10/15/1007:04	100
HJ14019	I666-07	**L*Y	85.3E	85.8E	ND	79E	3.51	10/15/1007:45	2
HJ14020	I666-07	***PY	345E	134	ND	159	ND	10/15/1008:51	100
HJ14021	I666-07	A***Y	349	133	ND	157	ND	10/15/1009:32	200
HJ14022	I666-08	A***Y	63	ND	ND	1.94	ND	10/15/1010:12	50
HJ14023	CCV120	ABLPY	104%	105%	99.8%	106%	101%	10/15/1010:53	1

IC RESULT FORM CalVersion: 300M.113\H113(2010)

LFID	LSID	SELCOMP	ACETATE	BUTYRATE	LACTATE	PROPIONATE	PYRUVATE	DateTime	Df
HJ19001	CCV126	ABLPY	97.4%	94.7%	94.3%	96.1%	102%	10/19/1012:53	1
HJ19002	HCJ024WB	ABLPY	ND	ND	ND	ND	ND	10/19/1013:14	1
HJ19003	HCJ024WL	ABLPY	1.88	1.85	1.84	1.87	2.01	10/19/1013:35	1
HJ19004	HCJ024WC	ABLPY	1.9	1.86	1.84	1.87	1.99	10/19/1013:56	1
HJ19005	J125-02	ABLPY	ND	ND	ND	ND	ND	10/19/1014:17	1
HJ19006	J125-02D	ABLPY	ND	ND	ND	ND	ND	10/19/1015:23	1
HJ19007	J125-02M	ABLPY	.597	1	.663	.758	.741	10/19/1016:04	1
HJ19008	CCV128	ABLPY	95.3%	93.6%	92.1%	94.9%	98.8%	10/19/1016:45	1
HJ19009	I666-09	**LPY	108E	147E	ND	102E	3.61	10/19/1019:28	4
HJ19010	I666-09	**LPY	223E	214E	ND	146	ND	10/19/1020:34	50
HJ19011	I666-09	ABLPY	229	230	ND	144	ND	10/19/1021:15	400
HJ19012	I666-09	ABLPY	234	235	ND	144	ND	10/19/1021:56	800
HJ19013	RINSE	ABLPY	ND	ND	ND	ND	ND	10/19/1022:37	1
HJ19014	CCV130	ABLPY	98.3%	98.6%	91.1%	100%	95.6%	10/19/1022:58	1

ANALYTICAL LOGS

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

N.O.L - SW94-03-013

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H213

Method File: 04106I13

Analytical Batch:

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ -216
CCV	
LCS	
MS	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: ed

Date: 9/13/10

Sequence: HI13
Operator: cmadmin

Printed: 9/15/2010 2:41:34 PM

Title: Temporary sequence for manual data acquisition
Datasource: 039B3Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 9

Created: 9/13/2010 7:32:33 PM by cmadmin
Last Update: 9/14/2010 5:16:34 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor	Comment
1	HI13	001	IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000	
2	HI13	002	S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000	
3	HI13	003	S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:46:53 PM	1.0000	
4	HI13	004	S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000	
5	HI13	005	S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000	
6	HI13	006	S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000	
7	HI13	007	S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000	
8	HI13	008	ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000	
9	HI13	009	ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000	

FINAL

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH: SWA-01-184-5 66 mL - 1 21

HCJ016W : Y666

HCJ018W : T602

HJ12 005 & HJ12008 : Samples not evaluated ; record only

Book #: A106-008

Instrument No.: 106

Analytical Sequence: H512

Method File: 0A106 513

Analytical Batch: HCJ016W & HCJ018W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID		
ICAL	SWPA-02 - 215	
ICV		216
CCV		232
LCS		233
MS	—	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 10/12/10

Sequence: HJ12
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 42

Created: 10/12/2010 12:21:57 PM by cmadmin
Last Update: 10/14/2010 2:42:16 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HJ12		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HJ12		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HJ12		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HJ12		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HJ12		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HJ12		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HJ12		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HJ12		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HJ12		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HJ12	001	CCV106	Unknown	85	25.0	ORG	OA106I13	Finished	10/12/2010 3:15:03 PM	1.0000
11	HJ12	002	HCJ016WB	Unknown	84	25.0	ORG	OA106I13	Finished	10/12/2010 3:51:05 PM	1.0000
12	HJ12	003	HCJ016WL	Unknown	83	25.0	ORG	OA106I13	Finished	10/12/2010 4:12:04 PM	1.0000
13	HJ12	004	HCJ016WC	Unknown	63	25.0	ORG	OA106I13	Finished	10/12/2010 4:33:03 PM	1.0000
14	HJ12	005	* I666-01	Unknown	1	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 4:54:01 PM	5.0000
15	HJ12	006	I666-01	Unknown	2	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 5:59:55 PM	1.0000
16	HJ12	007	I666-01	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 7:05:49 PM	5.0000
17	HJ12	008	* I666-02	Unknown	4	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 7:46:42 PM	5.0000
18	HJ12	009	I666-02	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 8:52:36 PM	2.0000
19	HJ12	010	I666-02	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 9:33:30 PM	100.0000
20	HJ12	011	I666-03	Unknown	7	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 10:14:24 PM	100.0000
21	HJ12	012	CCV106	Unknown	85	25.0	ORG	OA106I13	Finished	10/12/2010 10:55:17 PM	1.0000
22	HJ12	013	I666-03	Unknown	8	25.0	ORG-SAMPLE	OA106I13	Finished	10/12/2010 11:16:16 PM	1.0000
23	HJ12	014	I666-03	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 12:22:10 AM	4.0000
24	HJ12	015	I666-04	Unknown	10	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 1:03:03 AM	1.0000
25	HJ12	016	I666-04	Unknown	11	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 2:08:57 AM	10.0000
26	HJ12	017	I666-04	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 2:49:50 AM	100.0000
27	HJ12	018	I666-05	Unknown	13	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 3:30:44 AM	1.0000

* : Samples not evaluated ; record only.

FINAL

Sequence: HJ12
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 42

Created: 10/12/2010 12:21:57 PM by cmadmin
Last Update: 10/14/2010 2:42:16 PM by cmadmin

No.	Sequence	Comment
1	HJ12	
2	HJ12	
3	HJ12	
4	HJ12	
5	HJ12	
6	HJ12	
7	HJ12	
8	HJ12	
9	HJ12	
10	HJ12	
11	HJ12	
12	HJ12	
13	HJ12	
14	HJ12	
15	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HJ12	
18	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HJ12	
22	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HJ12
Operator: cmadmin

Printed: 10/14/2010 2:48:13 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 42

Created: 10/12/2010 12:21:57 PM by cmadmin
Last Update: 10/14/2010 2:42:16 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HJ12	019	I666-05	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 4:36:37 AM	100.0000
29	HJ12	020	I666-06	Unknown	15	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 5:17:31 AM	50.0000
30	HJ12	021	I666-06	Unknown	16	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 5:58:25 AM	200.0000
31	HJ12	022	I666-07	Unknown	17	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 6:39:18 AM	50.0000
32	HJ12	023	CCV110	Unknown	85	25.0	ORG	OA106I13	Finished	10/13/2010 7:20:12 AM	1.0000
33	HJ12	024	I666-08	Unknown	18	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 7:41:11 AM	2.0000
34	HJ12	025	I666-08	Unknown	19	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 8:47:05 AM	20.0000
35	HJ12	026	CCV112	Unknown	85	25.0	ORG	OA106I13	Finished	10/13/2010 11:54:37 AM	1.0000
36	HJ12	027	HCJ018WL	Unknown	83	25.0	ORG	OA106I13	Finished	10/13/2010 12:15:35 PM	1.0000
37	HJ12	028	HCJ018WC	Unknown	83	25.0	ORG	OA106I13	Finished	10/13/2010 12:36:34 PM	1.0000
38	HJ12	029	HCJ018WB	Unknown	84	25.0	ORG	OA106I13	Finished	10/13/2010 12:57:33 PM	1.0000
39	HJ12	030	I602-10	Unknown	20	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 1:18:32 PM	50.0000
40	HJ12	031	I602-10	Unknown	21	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 1:59:25 PM	1000.0000
41	HJ12	032	I602-10	Unknown	22	25.0	ORG-SAMPLE	OA106I13	Finished	10/13/2010 2:40:19 PM	2000.0000
42	HJ12	033	CCV114	Unknown	85	25.0	ORG	OA106I13	Finished	10/13/2010 3:21:13 PM	1.0000

FINAL

Sequence: HJ12
Operator: cmadmin

Printed: 10/14/2010 2:48:13 PM

Title: Temporary sequence for manual data acquisition
Datasource: 03983Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 42

Created: 10/12/2010 12:21:57 PM by cmadmin
Last Update: 10/14/2010 2:42:16 PM by cmadmin

No.	Sequence	Comment
28	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HJ12	
33	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
34	HJ12	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
35	HJ12	
36	HJ12	
37	HJ12	
38	HJ12	
39	HJ12	
40	HJ12	
41	HJ12	
42	HJ12	

FINAL

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EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH: 2004-01-184 ⇒ 60 mL → 2L

HCl 0.20N: 1:66 ~~Dilution~~ 0.2N solution Dilutions

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	H514
Method File:	0A 106 T13.met
Analytical Batch:	HC5620W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	—
ICV	—
CCV	SW12A-02-232
LCS	233
MS	—

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 10/19/10

Sequence: HJ14
Operator: cmadmin

Printed: 10/19/2010 3:46:11 PM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 32

Created: 10/14/2010 4:35:08 PM by cmadmin
Last Update: 10/19/2010 3:44:36 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HJ14		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HJ14		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HJ14		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HJ14		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HJ14		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HJ14		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HJ14		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HJ14		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HJ14		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HJ14	001	CCV116	Unknown	85	25.0	ORG	OA106I13	Finished	10/14/2010 7:53:48 PM	1.0000
11	HJ14	002	HCJ020WB	Unknown	84	25.0	ORG	OA106I13	Finished	10/14/2010 8:14:46 PM	1.0000
12	HJ14	003	HCJ020WL	Unknown	83	25.0	ORG	OA106I13	Finished	10/14/2010 8:35:45 PM	1.0000
13	HJ14	004	HCJ020WC	Unknown	83	25.0	ORG	OA106I13	Finished	10/14/2010 8:56:44 PM	1.0000
14	HJ14	005	I666-01	Unknown	1	25.0	ORG	OA106I13	Finished	10/14/2010 9:17:43 PM	40.0000
15	HJ14	006	I666-02	Unknown	2	25.0	ORG	OA106I13	Finished	10/14/2010 9:58:36 PM	20.0000
16	HJ14	007	I666-03	Unknown	3	25.0	ORG	OA106I13	Finished	10/14/2010 10:39:30 PM	20.0000
17	HJ14	008	I666-03	Unknown	4	25.0	ORG	OA106I13	Finished	10/14/2010 11:20:24 PM	50.0000
18	HJ14	009	I666-03	Unknown	5	25.0	ORG	OA106I13	Finished	10/15/2010 12:01:17 AM	200.0000
19	HJ14	010	I666-04	Unknown	6	25.0	ORG-SAMPLE	OA106I13	Finished	10/15/2010 12:42:11 AM	2.0000
20	HJ14	011	I666-04	Unknown	7	25.0	ORG	OA106I13	Finished	10/15/2010 1:48:05 AM	20.0000
21	HJ14	012	CCV118	Unknown	85	25.0	ORG	OA106I13	Finished	10/15/2010 2:28:58 AM	1.0000
22	HJ14	013	I666-04	Unknown	8	25.0	ORG	OA106I13	Finished	10/15/2010 2:49:57 AM	200.0000
23	HJ14	014	I666-05	Unknown	9	25.0	ORG-SAMPLE	OA106I13	Finished	10/15/2010 3:30:51 AM	4.0000
24	HJ14	015	I666-05	Unknown	10	25.0	ORG	OA106I13	Finished	10/15/2010 4:36:44 AM	50.0000
25	HJ14	016	I666-05	Unknown	11	25.0	ORG	OA106I13	Finished	10/15/2010 5:17:38 AM	400.0000
26	HJ14	017	I666-06	Unknown	12	25.0	ORG-SAMPLE	OA106I13	Finished	10/15/2010 5:58:31 AM	2.0000
27	HJ14	018	I666-06	Unknown	13	25.0	ORG	OA106I13	Finished	10/15/2010 7:04:25 AM	100.0000

FINAL

Sequence: HJ14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 32

Created: 10/14/2010 4:35:08 PM by cmadmin
Last Update: 10/19/2010 3:44:36 PM by cmadmin

No.	Sequence	Comment
1	HJ14	
2	HJ14	
3	HJ14	
4	HJ14	
5	HJ14	
6	HJ14	
7	HJ14	
8	HJ14	
9	HJ14	
10	HJ14	
11	HJ14	
12	HJ14	
13	HJ14	
14	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
15	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
16	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
17	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
18	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HJ14	
22	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
23	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
24	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
25	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
26	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
27	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS

FINAL

Sequence: HJ14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 32

Created: 10/14/2010 4:35:08 PM by cmadmin
Last Update: 10/19/2010 3:44:36 PM by cmadmin

No.	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
28	HJ14	019	I666-07	Unknown	14	25.0	ORG-SAMPLE	OA106I13	Finished	10/15/2010 7:45:19 AM	2.0000
29	HJ14	020	I666-07	Unknown	15	25.0	ORG	OA106I13	Finished	10/15/2010 8:51:12 AM	100.0000
30	HJ14	021	I666-07	Unknown	16	25.0	ORG	OA106I13	Finished	10/15/2010 9:32:06 AM	200.0000
31	HJ14	022	I666-08	Unknown	17	25.0	ORG	OA106I13	Finished	10/15/2010 10:12:59 AM	50.0000
32	HJ14	023	CCV120	Unknown	85	25.0	ORG	OA106I13	Finished	10/15/2010 10:53:53 AM	1.0000

FINAL

Sequence: HJ14
Operator: cmadmin

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91_local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 32

Created: 10/14/2010 4:35:08 PM by cmadmin
Last Update: 10/19/2010 3:44:36 PM by cmadmin

No.	Sequence	Comment
28	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
29	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
30	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
31	HJ14	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
32	HJ14	

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

NaOH : SW4-01-184 ⇒ 60mL → 2L

HGJ0294W: J195 & E666-09 & Dilutions

Book #:	A106-008
Instrument No.:	106
Analytical Sequence:	HJ19
Method File:	0A106.513
Analytical Batch:	HGJ0294W

SOP #	Rev. #
☐ EMAX-300.0	5
☑ EMAX-300.0M	1
☐ EMAX-9056	3
☐ EMAX-7199	1
☐ EMAX-218.6	4
☐ EMAX-	

STANDARDS ID	
ICAL	SW12A-02-215
ICV	↓ 216
CCV	SW12A-02-234
LCS	↓ 235
MS	↓ 236

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ CHROMELEON	
☐	

Analyzed By: [illegible]

Date: 10/19/10

Sequence: HJ19
Operator: cmadmin

Printed: 10/20/2010 9:43:14 AM

Title Temporary sequence for manual data acquisition
Datasource D39B3Q91_local
Location. Organic Acid\2010
Timebase: ICS1000
#Samples: 23

Created: 10/19/2010 12:39:21 PM by cmadmin
(Modified, not saved)

No	Sequence	Sample ID	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	HJ19		IB	Standard	1	25.0	ORG	OA106I13	Finished	9/13/2010 2:36:30 PM	1.0000
2	HJ19		S-0	Standard	2	25.0	ORG	OA106I13	Finished	9/13/2010 2:57:29 PM	1.0000
3	HJ19		S-1	Standard	3	25.0	ORG	OA106I13	Finished	9/13/2010 4:48:53 PM	1.0000
4	HJ19		S-2	Standard	4	25.0	ORG	OA106I13	Finished	9/13/2010 5:16:25 PM	1.0000
5	HJ19		S-3	Standard	5	25.0	ORG	OA106I13	Finished	9/13/2010 5:37:24 PM	1.0000
6	HJ19		S-4	Standard	6	25.0	ORG	OA106I13	Finished	9/13/2010 5:58:23 PM	1.0000
7	HJ19		S-5	Standard	7	25.0	ORG	OA106I13	Finished	9/13/2010 6:19:22 PM	1.0000
8	HJ19		ICV	Standard	8	25.0	ORG	OA106I13	Finished	9/13/2010 6:40:20 PM	1.0000
9	HJ19		ICB	Unknown	9	25.0	ORG	OA106I13	Finished	9/13/2010 7:01:19 PM	1.0000
10	HJ19	001	CCV126	Unknown	85	25.0	ORG	OA106I13	Finished	10/19/2010 12:53:53 PM	1.0000
11	HJ19	002	HCJ024WB	Unknown	84	25.0	ORG	OA106I13	Finished	10/19/2010 1:14:52 PM	1.0000
12	HJ19	003	HCJ024WL	Unknown	83	25.0	ORG	OA106I13	Finished	10/19/2010 1:35:51 PM	1.0000
13	HJ19	004	HCJ024WC	Unknown	83	25.0	ORG	OA106I13	Finished	10/19/2010 1:56:50 PM	1.0000
14	HJ19	005	J125-02	Unknown	3	25.0	ORG-SAMPLE	OA106I13	Finished	10/19/2010 2:17:48 PM	1.0000
15	HJ19	006	J125-02D	Unknown	3	25.0	ORG	OA106I13	Finished	10/19/2010 3:23:42 PM	1.0000
16	HJ19	007	J125-02M	Unknown	4	25.0	ORG	OA106I13	Finished	10/19/2010 4:04:36 PM	1.0000
17	HJ19	008	CCV128	Unknown	85	25.0	ORG	OA106I13	Finished	10/19/2010 4:45:30 PM	1.0000
18	HJ19	009	I666-09	Unknown	5	25.0	ORG-SAMPLE	OA106I13	Finished	10/19/2010 7:28:46 PM	4.0000
19	HJ19	010	I666-09	Unknown	6	25.0	ORG	OA106I13	Finished	10/19/2010 8:34:39 PM	50.0000
20	HJ19	011	I666-09	Unknown	7	25.0	ORG	OA106I13	Finished	10/19/2010 9:15:33 PM	400.0000
21	HJ19	012	I666-09	Unknown	8	25.0	ORG	OA106I13	Finished	10/19/2010 9:56:26 PM	800.0000
22	HJ19	013	RINSE	Unknown	84	25.0	ORG	OA106I13	Finished	10/19/2010 10:37:20 PM	1.0000
23	HJ19	014	CCV130	Unknown	85	25.0	ORG	OA106I13	Finished	10/19/2010 10:58:19 PM	1.0000

FINAL

Sequence: HJ19
Operator: cmadmin

Printed: 10/20/2010 9:43:14 AM

Title: Temporary sequence for manual data acquisition
Datasource: D39B3Q91 local
Location: Organic Acid\2010
Timebase: ICS1000
#Samples: 23

Created: 10/19/2010 12:39:21 PM by cmadmin
(Modified, not saved)

No.	Sequence	Comment
1	HJ19	
2	HJ19	
3	HJ19	
4	HJ19	
5	HJ19	
6	HJ19	
7	HJ19	
8	HJ19	
9	HJ19	
10	HJ19	
11	HJ19	
12	HJ19	
13	HJ19	
14	HJ19	
15	HJ19	
16	HJ19	
17	HJ19	
18	HJ19	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
19	HJ19	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
20	HJ19	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
21	HJ19	SAMPLE WAS PREPPED AT DF=10 PRIOR TO ANALYSIS
22	HJ19	
23	HJ19	

FINAL

CASE NARRATIVE

Client : INSIGHT EEC, INC.

Project : NWS SEAL BEACH, IR SITE 70.

SDG : 10I666

METHOD SM5310B
TOC

A total of nine (9) water samples were received on 09/30/10 for Total Organic Carbon analysis, Method SM5310B in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition.

Holding Time
Samples were analyzed within the prescribed holding time.

Calibration
Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source. Continuing calibration verifications were carried out at the frequency specified by the project. All calibration requirements were within acceptance criteria.

Method Blank
Method blanks were analyzed at the frequency required by the project. For this SDG, two (2) method blanks were analyzed with the samples. All results were compliant to project requirement. Refer to QC result summary forms for details.

Lab Control Sample
Two sets of LCS/LCD were analyzed with the samples in this SDG.
Percent recoveries for TCJ007WL/C were all within QC limits.
Percent recoveries for TCJ009WL/C were all within QC limits.

Matrix QC Sample
No matrix QC sample was designated for this SDG.

Sample Analysis
Samples were analyzed according to prescribed analytical procedures. All project requirements were met otherwise anomalies were discussed within the associated QC parameter.
2M HCl was added to samples I666-01 and -02 prior to analysis since pH were >2.
Samples I666-07 and -08 were diluted prior to analysis due to their turbidity.

METHOD SM5310B
TOC

Client : INSIGHT EEC, INC.
Project : NWS SEAL BEACH, IR SITE 70.
Batch No. : 101666

Matrix : WATER
Instrument ID : 162

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TCJ007WB	ND	1	NA	1.00	0.500	10/15/1013:17	NA	TCJ005-05	TCJ005-02	TCJ007W	NA	NA
LCS1W	TCJ007WL	24.2	1	NA	1.00	0.500	10/15/1013:30	NA	TCJ005-06	TCJ005-02	TCJ007W	NA	NA
LCD1W	TCJ007WC	24.2	1	NA	1.00	0.500	10/15/1013:42	NA	TCJ005-07	TCJ005-02	TCJ007W	NA	NA
IW-70-SAT50-P13	1666-01T	205	10	NA	10.0	5.00	10/15/1015:30	NA	TCJ005-16	TCJ005-14	TCJ007W	09/28/1014:22	09/30/10
IW-70-SAT35-P13	1666-02T	1220	40	NA	40.0	20.0	10/15/1015:42	NA	TCJ005-17	TCJ005-14	TCJ007W	09/29/1008:37	09/30/10
IW-70-SAT36-P13	1666-03T	2180	40	NA	40.0	20.0	10/15/1015:55	NA	TCJ005-18	TCJ005-14	TCJ007W	09/29/1009:09	09/30/10
IW-70-SAT46-P13	1666-04T	1590	40	NA	40.0	20.0	10/15/1016:07	NA	TCJ005-19	TCJ005-14	TCJ007W	09/29/1009:40	09/30/10
IW-70-SAT31-P13	1666-05T	3110	40	NA	40.0	20.0	10/15/1016:21	NA	TCJ005-20	TCJ005-14	TCJ007W	09/29/1010:15	09/30/10
IW-70-SAT16-P13	1666-06T	2910	40	NA	40.0	20.0	10/15/1016:34	NA	TCJ005-21	TCJ005-14	TCJ007W	09/29/1013:13	09/30/10
IW-70-SAT16-P13-D	1666-07T	2890	100	NA	100	50.0	10/15/1016:46	NA	TCJ005-22	TCJ005-14	TCJ007W	09/29/1013:17	09/30/10
IW-70-SAT45-P13	1666-08T	258	10	NA	10.0	5.00	10/15/1016:58	NA	TCJ005-23	TCJ005-14	TCJ007W	09/29/1013:51	09/30/10
MBLK2W	TCJ009WB	ND	1	NA	1.00	0.500	10/19/1018:00	NA	TCJ007-05	TCJ007-02	TCJ009W	NA	NA
LCS2W	TCJ009WL	24.8	1	NA	1.00	0.500	10/19/1018:12	NA	TCJ007-06	TCJ007-02	TCJ009W	NA	NA
LCD2W	TCJ009WC	25.0	1	NA	1.00	0.500	10/19/1018:25	NA	TCJ007-07	TCJ007-02	TCJ009W	NA	NA
IW-70-SAT03-P13	1666-09T	4350	100	NA	100	50.0	10/19/1019:01	NA	TCJ007-10	TCJ007-02	TCJ009W	09/30/1007:48	09/30/10

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 73.
BATCH NO.: 101666
METHOD: METHOD SM5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	TCJ007WB	TCJ007WL	TCJ007WC		
LAB FILE ID:	TCJ005-05	TCJ005-06	TCJ005-07		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/15/1013:17	10/15/1013:30	10/15/1013:42	DATE RECEIVED:	NA
PREP. BATCH:	TCJ007W	TCJ007W	TCJ007W		
CALIB. REF:	TCJC05-C2	TCJ005-02	TCJC05-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.2	97	25.0	24.2	97	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: INSIGHT EEC, INC.
PROJECT: NWS SEAL BEACH, IR SITE 70.
BATCH NO.: 101666
METHOD: METHOD SM5310B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	TCJ009WB	TCJ009WL	TCJ009WC		
LAB FILE ID:	TCJ007-05	TCJ007-06	TCJ007-07		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/19/1018:00	10/19/1018:12	10/19/1018:25	DATE RECEIVED:	NA
PREP. BATCH:	TCJ009W	TCJ009W	TCJ009W		
CALIB. REF:	TCJ007-02	TCJ007-02	TCJ007-02		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
TOC	ND	25.0	24.8	99	25.0	25.0	100	1	85-115	20

EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Start (date & time) 10/15/10 11:38

end (date & time) 10/16/10 03:55

TC5002/TC5008:

103463-01,02

103451-01

103445-01,07

103602-10

103666-01→05

103479-01

103068-02,03

103043-03,04

103095-02

103184-02→07

103186-03→06,09,10

103060-03,04,06,07,08

Pipette SW3-01-24

SW3-01-33

SI1A-01-4

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TC5005
Method File:	TC5005
Analytical Batch:	TC5007W / TC5008W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-04-013	1
S2	↓	5
S3	↓	10
S4	↓	40
S5	↓	80
S6	—	—
ICV/LCS	SW10B-04-018	25
CCV	↓ -016	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: Am

Date: 10/15/10

	Type	Analysis	Sample Name	Sample ID	ObjectI	Origin	Dilution	Result	Comment
1	Standard	NPOC	ICAL	TCJ005-01	0A-123	C:\Program	1.000		
2	Control	NPOC	ICV	TCJ005-02	0A-123	C:\Program	1.000	NPOC:24.77 mg/L	
3	Unknown	NPOC	ICB	TCJ005-03	0A-123	C:\Program	1.000	NPOC:0.2514 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCJ005-04	0A-123	C:\Program	1.000	NPOC:0.2094 mg/L	
5	Unknown	NPOC	TCJ007WB	TCJ005-05	0A-123	C:\Program	1.000	NPOC:0.2588 mg/L	
6	Unknown	NPOC	TCJ007WL	TCJ005-06	0A-123	C:\Program	1.000	NPOC:24.21 mg/L	
7	Unknown	NPOC	TCJ007WC	TCJ005-07	0A-123	C:\Program	1.000	NPOC:24.23 mg/L	
8	Unknown	NPOC	10J463-01	TCJ005-08	0A-123	C:\Program	4.000	NPOC:52.32 mg/L	PH<2 DF=4
9	Unknown	NPOC	10J463-02	TCJ005-09	0A-123	C:\Program	4.000	NPOC:47.00 mg/L	PH<2 DF=4
10	Unknown	NPOC	10J451-01	TCJ005-10	0A-123	C:\Program	1.000	NPOC:27.93 mg/L	PH<2
11	Unknown	NPOC	10J445-01	TCJ005-11	0A-123	C:\Program	1.000	NPOC:11.63 mg/L	PH<2
12	Unknown	NPOC	10J445-07	TCJ005-12	0A-123	C:\Program	10.00	NPOC:40.52 mg/L	PH<2 DF=10
13	Unknown	NPOC	10I602-10	TCJ005-13	0A-123	C:\Program	200.0	NPOC:5985 mg/L	PH<2 DF=200
14	Control	NPOC	CCV1	TCJ005-14	0A-123	C:\Program	1.000	NPOC:24.52 mg/L	
15	Unknown	NPOC	CCB1	TCJ005-15	0A-123	C:\Program	1.000	NPOC:0.2573 mg/L	
16	Unknown	NPOC	10I666-01T	TCJ005-16	0A-123	C:\Program	10.00	NPOC:205.0 mg/L	DF=10
17	Unknown	NPOC	10I666-02T	TCJ005-17	0A-123	C:\Program	40.00	NPOC:1221 mg/L	DF=40
18	Unknown	NPOC	10I666-03T	TCJ005-18	0A-123	C:\Program	40.00	NPOC:2176 mg/L	DF=40
19	Unknown	NPOC	10I666-04T	TCJ005-19	0A-123	C:\Program	40.00	NPOC:1593 mg/L	DF=40
20	Unknown	NPOC	10I666-05T	TCJ005-20	0A-123	C:\Program	40.00	NPOC:3110 mg/L	DF=40
21	Unknown	NPOC	10I666-06T	TCJ005-21	0A-123	C:\Program	40.00	NPOC:2915 mg/L	DF=40
22	Unknown	NPOC	10I666-07T	TCJ005-22	0A-123	C:\Program	100.0	NPOC:2892 mg/L	DF=100
23	Unknown	NPOC	10I666-08T	TCJ005-23	0A-123	C:\Program	10.00	NPOC:257.6 mg/L	DF=10
24	Unknown	NPOC	10I666-09T	TCJ005-24	0A-123	C:\Program	40.00	NPOC:4055 mg/L	DF=40 over n
25	Unknown	NPOC	10J479-01	TCJ005-25	0A-123	C:\Program	4.000	NPOC:37.09 mg/L	PH<2 DF=4
26	Control	NPOC	CCV2	TCJ005-26	0A-123	C:\Program	1.000	NPOC:24.67 mg/L	
27	Unknown	NPOC	CCB2	TCJ005-27	0A-123	C:\Program	1.000	NPOC:0.2293 mg/L	
28	Control	NPOC	CCV3	TCJ005-28	0A-123	C:\Program	1.000	NPOC:24.47 mg/L	
29	Unknown	NPOC	CCB3	TCJ005-29	0A-123	C:\Program	1.000	NPOC:0.2426 mg/L	
30	Unknown	NPOC	10J068-02	TCJ005-30	0A-123	C:\Program	1.000	NPOC:21.49 mg/L	PH<2
31	Unknown	NPOC	10J068-02D	TCJ005-31	0A-123	C:\Program	1.000	NPOC:21.62 mg/L	
32	Unknown	NPOC	10J068-02M	TCJ005-32	0A-123	C:\Program	1.000	NPOC:47.77 mg/L	
33	Unknown	NPOC	10J068-02S	TCJ005-33	0A-123	C:\Program	1.000	NPOC:47.90 mg/L	
34	Unknown	NPOC	10J068-03	TCJ005-34	0A-123	C:\Program	80.00	NPOC:1535 mg/L	PH<2 DF=80
35	Unknown	NPOC	10J043-03R	TCJ005-35	0A-123	C:\Program	10.00	NPOC:3.965 mg/L	DF=10
36	Unknown	NPOC	10J043-04R	TCJ005-36	0A-123	C:\Program	10.00	NPOC:4.908 mg/L	DF=10
37	Unknown	NPOC	TCJ008WL	TCJ005-37	0A-123	C:\Program	1.000	NPOC:24.61 mg/L	
38	Unknown	NPOC	TCJ008WC	TCJ005-38	0A-123	C:\Program	1.000	NPOC:24.66 mg/L	
39	Unknown	NPOC	TCJ008WB	TCJ005-39	0A-123	C:\Program	1.000	NPOC:0.2139 mg/L	
40	Control	NPOC	CCV4	TCJ005-40	0A-123	C:\Program	1.000	NPOC:24.00 mg/L	
41	Unknown	NPOC	CCB4	TCJ005-41	0A-123	C:\Program	1.000	NPOC:0.2073 mg/L	
42	Unknown	NPOC	10J095-02R	TCJ005-42	0A-123	C:\Program	1.000	NPOC:1.840 mg/L	PH<2
43	Unknown	NPOC	10J184-02	TCJ005-43	0A-123	C:\Program	1.000	NPOC:1.697 mg/L	PH<2
44	Unknown	NPOC	10J184-03	TCJ005-44	0A-123	C:\Program	1.000	NPOC:1.469 mg/L	PH<2
45	Unknown	NPOC	10J184-04	TCJ005-45	0A-123	C:\Program	1.000	NPOC:1.616 mg/L	PH<2
46	Unknown	NPOC	10J184-05	TCJ005-46	0A-123	C:\Program	1.000	NPOC:1.703 mg/L	PH<2
47	Unknown	NPOC	10J184-05D	TCJ005-47	0A-123	C:\Program	1.000	NPOC:1.713 mg/L	
48	Unknown	NPOC	10J184-05M	TCJ005-48	0A-123	C:\Program	1.000	NPOC:27.80 mg/L	
49	Unknown	NPOC	10J184-05S	TCJ005-49	0A-123	C:\Program	1.000	NPOC:27.74 mg/L	
50	Unknown	NPOC	10J184-06	TCJ005-50	0A-123	C:\Program	1.000	NPOC:1.834 mg/L	PH<2
51	Unknown	NPOC	10J184-07	TCJ005-51	0A-123	C:\Program	1.000	NPOC:1.400 mg/L	PH<2
52	Control	NPOC	CCV5	TCJ005-52	0A-123	C:\Program	1.000	NPOC:24.04 mg/L	
53	Unknown	NPOC	CCB5	TCJ005-53	0A-123	C:\Program	1.000	NPOC:0.2203 mg/L	
54	Unknown	NPOC	10J186-03	TCJ005-54	0A-123	C:\Program	1.000	NPOC:3.388 mg/L	PH<2
55	Unknown	NPOC	10J186-04	TCJ005-55	0A-123	C:\Program	1.000	NPOC:3.310 mg/L	PH<2
56	Unknown	NPOC	10J186-05	TCJ005-56	0A-123	C:\Program	1.000	NPOC:1.193 mg/L	PH<2
57	Unknown	NPOC	10J186-06	TCJ005-57	0A-123	C:\Program	1.000	NPOC:1.573 mg/L	PH<2
58	Unknown	NPOC	10J186-08	TCJ005-58	0A-123	C:\Program	1.000	NPOC:1.282 mg/L	PH<2
59	Unknown	NPOC	10J186-09	TCJ005-59	0A-123	C:\Program	1.000	NPOC:1.052 mg/L	PH<2
60	Unknown	NPOC	10J186-10	TCJ005-60	0A-123	C:\Program	1.000	NPOC:3.099 mg/L	PH<2
61	Unknown	NPOC	10J060-02	TCJ005-61	0A-123	C:\Program	10.00	NPOC:~~1.340~~ mg/L	PH<2 DF=10
62	Unknown	NPOC	10J060-03	TCJ005-62	0A-123	C:\Program	10.00	NPOC:4.068 mg/L	PH<2 DF=10
63	Unknown	NPOC	10J060-04	TCJ005-63	0A-123	C:\Program	10.00	NPOC:~~8.493~~ mg/L	PH<2 DF=10
64	Control	NPOC	CCV6	TCJ005-64	0A-123	C:\Program	1.000	NPOC:23.96 mg/L	
65	Unknown	NPOC	CCB6	TCJ005-65	0A-123	C:\Program	1.000	NPOC:0.2098 mg/L	
66	Unknown	NPOC	10J060-06	TCJ005-66	0A-123	C:\Program	10.00	NPOC:3.591 mg/L	PH<2 DF=10
67	Unknown	NPOC	10J060-07	TCJ005-67	0A-123	C:\Program	10.00	NPOC:52.41 mg/L	PH<2 DF=10

	Type	Analysis	Sample Name	Sample ID	Objectl	Origin	Dilution	Result	Comment
68	Unknown	NPOC	10J060-08	TCJ005-68	OA-123	C:\Program	10.00	NPOC:210.9 mg/L	PH<2 DF=10
69	Control	NPOC	CCV7	TCJ005-69	OA-123	C:\Program	1.000	NPOC:23.21 mg/L	
70	Unknown	NPOC	CCB7	TCJ005-70	OA-123	C:\Program	1.000	NPOC:0.2419 mg/L	
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									

FINAL

10/18/10 12:46:29 PM

Instr.Information

System	toc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

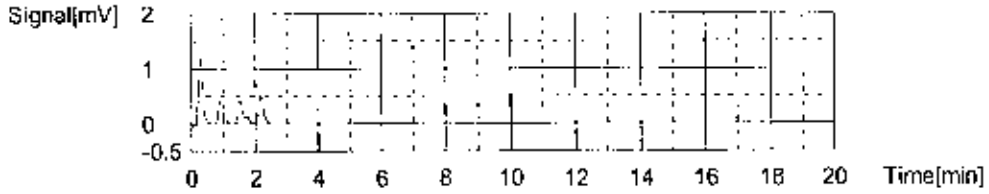
Sample Name:	ICAL
Sample ID:	TC/005-01
Cal. Curve:	TC/005.2010_10_15_11_31_29 cal

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut Dil.	Rem.	Ex.	Date / Time
1	1.167	50uL	1	*******		10/15/10 11:38:23 AM
2	0.4540	50uL	1	*******		10/15/10 11:39:11 AM
3	0.5302	50uL	1	*******		10/15/10 11:40:01 AM
4	0.5670	50uL	1	*******		10/15/10 11:40:49 AM

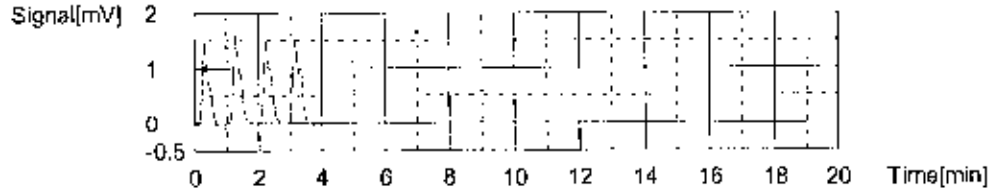
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.6797



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem	Ex.	Date / Time
1	2.247	50uL	10	*******		10/15/10 11:48:59 AM
2	2.321	50uL	10	*******		10/15/10 11:50:07 AM
3	2.374	50uL	10	*******		10/15/10 11:51:13 AM
4	2.462	50uL	10	*******		10/15/10 11:52:20 AM

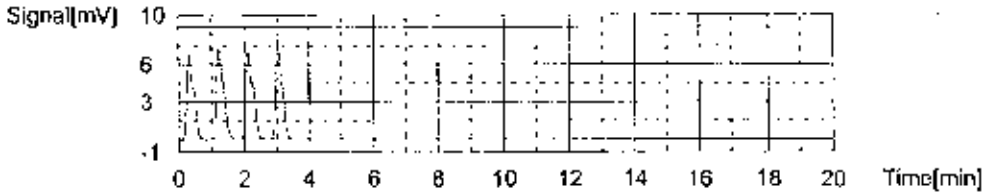
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.351



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	10.45	50uL	2	*******		10/15/10 11:58:32 AM
2	10.72	50uL	2	*******		10/15/10 11:59:36 AM
3	10.90	50uL	2	*******		10/15/10 12:00:43 PM
4	11.12	50uL	2	*******		10/15/10 12:01:48 PM

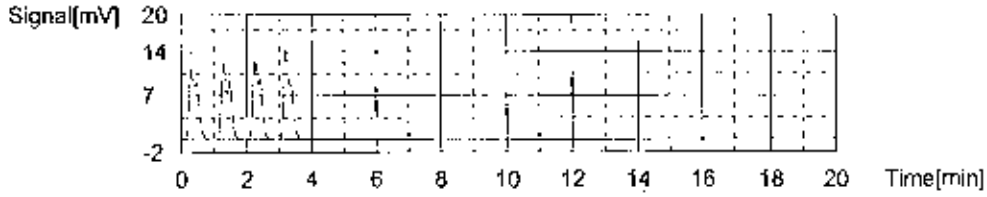
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 10.80



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	20.78	50uL	1	*******		10/15/10 12:07:20 PM
2	21.12	50uL	1	*******		10/15/10 12:08:28 PM
3	21.39	50uL	1	*******		10/15/10 12:09:37 PM
4	21.88	50uL	1	*******		10/15/10 12:10:45 PM

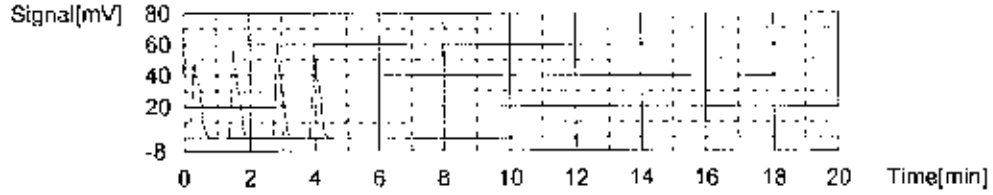
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 21.29



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	80.34	50uL	2	*******		10/15/10 12:19:09 PM
2	83.50	50uL	2	*******		10/15/10 12:20:4[illegible] PM
3	83.83	50uL	2	*******		10/15/10 12:22:00 PM
4	84.65	50uL	2	*******		10/15/10 12:23:26 PM

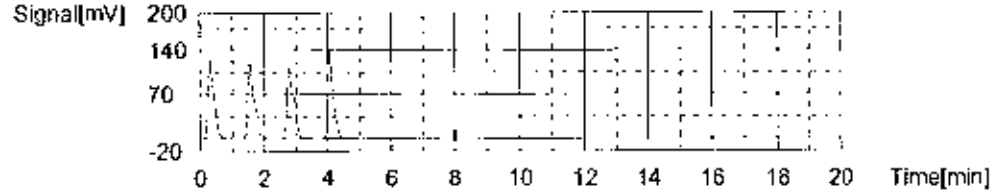
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 82.96



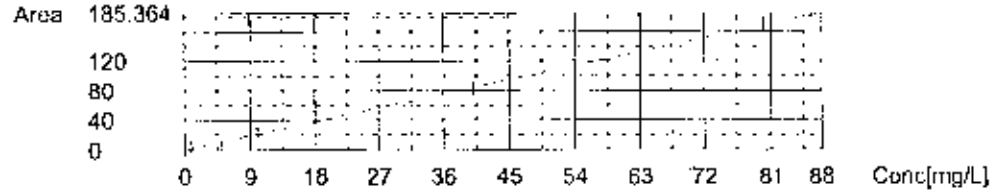
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	165.5	50uL	1	*******		10/15/10 12:29:13 PM
2	168.3	50uL	1	*******		10/15/10 12:30:39 PM
3	169.8	50uL	1	*******		10/15/10 12:32:07 PM
4	174.0	50uL	1	*******		10/15/10 12:33:47 PM

Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 169.4



Slope: 2.106
Intercept 0.000
r^2 0.999868



Control Sample

Sample Name: ICV
Sample ID. TCJ005-02
Method: TCJ005.tpl
Chk. Result Control value: 24.77 / Control exceeds range!

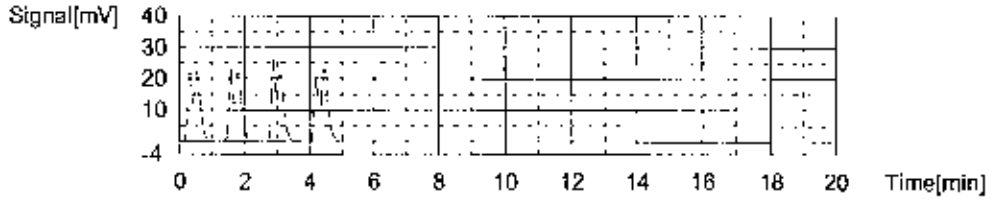
Type	Anal.	Dil.	Result
Control	NPOC	1.000	NPOC:24.77 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	50.87	24.15mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:41:46 PM
2	52.02	24.70mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:43:16 PM
3	52.52	24.93mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:44:46 PM
4	53.27	25.29mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:46:19 PM

Mean Area 52.17
Mean Conc. 24.77mg/L.



Sample

Sample Name: ICB
Sample ID. TCJ005-03
Origin: TCJ005.cal
Chk. Result

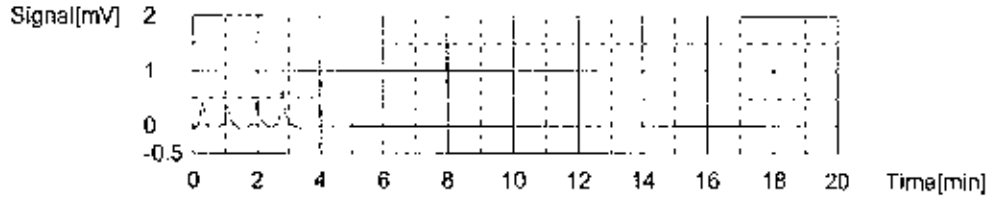
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2514 mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.4884	0.2319mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:53:39 PM
2	0.3838	0.1822mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:54:45 PM
3	0.5101	0.2422mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:55:46 PM
4	0.7358	0.3493mg/L	50uL	1		TCJ005.2010_10_15_11_31_29.cal	10/15/10 12:56:49 PM

Mean Area 0.5295
Mean Conc. 0.2514mg/L



EMAX LABORATORIES, INC.

ANALYSIS RUN LOG
for
TOC

Note: For samples and relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

stand: (date & time) 10/19/10 16:19
end: (date & time) 10/20/10 06:21

TCJ009W/TCJ010W
10J479-01
10J666-05,09
10J185-03→05
10J175-02→08, 11→13
10J748-01
10J746-01
10J200-03,04
10J202-03→05
10J220-03→07
10J154-03→08, 10→12, 13, 14, 15

2M HCl: SW4-01-186
Pipette: SW3-01-24
SW3-01-33
SJ1A-01-4

Book #:	A62-015
Instrument No.:	62
Analytical Sequence:	TCJ007
Method File:	TCJ007
Analytical Batch:	TCJ009W/TCJ010W

SOP #	Rev. #
☐ EMAX-415.1	2
☑ EMAX-9060	2
☐ EMAX-	

STANDARDS ID		CONC. (mg/L)
S0	nanopure	0
S1	SW10B-04-013	1
S2	↓	5
S3	↓	10
S4	↓	40
S5	↓	80
S6	—	—
ICV/LCS	SW10B-04-018	25
CCV	↓ -016	25

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ TOC	
☐	

Analyzed By: AM

Date: 10/19/10

	Type	Analysis	Sample Name	Sample ID	Object1	Origin	Dilutio	Result	Comment
1	Standard	NPOC	ICAL	TCJ007-01	0A-123	C:\Program	1.000		
2	Control	NPOC	ICV	TCJ007-02	0A-123	C:\Program	1.000	NPOC:24.83 mg/L	
3	Unknown	NPOC	ICB	TCJ007-03	0A-123	C:\Program	1.000	NPOC:0.2242 mg/L	
4	Unknown	NPOC	HCO3\CO3	TCJ007-04	0A-123	C:\Program	1.000	NPOC:0.4051 mg/L	
5	Unknown	NPOC	TCJ009WB	TCJ007-05	0A-123	C:\Program	1.000	NPOC:0.1910 mg/L	
6	Unknown	NPOC	TCJ009WL	TCJ007-06	0A-123	C:\Program	1.000	NPOC:24.85 mg/L	
7	Unknown	NPOC	TCJ009WC	TCJ007-07	0A-123	C:\Program	1.000	NPOC:24.98 mg/L	
8	Unknown	NPOC	10J479-01R	TCJ007-08	0A-123	C:\Program	4.000	NPOC:41.46 mg/L	DF=4
9	Unknown	NPOC	10I666-05T	TCJ007-09	0A-123	C:\Program	100.0	NPOC:3230 mg/L	DF=100
10	Unknown	NPOC	10I666-09T	TCJ007-10	0A-123	C:\Program	100.0	NPOC:4352 mg/L	DF=100
11	Unknown	NPOC	10J185-03	TCJ007-11	0A-123	C:\Program	1.000	NPOC:5.986 mg/L	PH<2
12	Unknown	NPOC	10J185-04	TCJ007-12	0A-123	C:\Program	1.000	NPOC:43.83 mg/L	PH<2
13	Unknown	NPOC	10J185-05	TCJ007-13	0A-123	C:\Program	1.000	NPOC:3.858 mg/L	PH<2
14	Control	NPOC	CCV1	TCJ007-14	0A-123	C:\Program	1.000	NPOC:24.76 mg/L	
15	Unknown	NPOC	CCB1	TCJ007-15	0A-123	C:\Program	1.000	NPOC:0.2251 mg/L	
16	Unknown	NPOC	10J175-02	TCJ007-16	0A-123	C:\Program	1.000	NPOC:3.353 mg/L	PH<2
17	Unknown	NPOC	10J175-03	TCJ007-17	0A-123	C:\Program	1.000	NPOC:3.485 mg/L	PH<2
18	Unknown	NPOC	10J175-04	TCJ007-18	0A-123	C:\Program	1.000	NPOC:2.980 mg/L	PH<2
19	Unknown	NPOC	10J175-05	TCJ007-19	0A-123	C:\Program	1.000	NPOC:40.01 mg/L	PH<2
20	Unknown	NPOC	10J175-06	TCJ007-20	0A-123	C:\Program	1.000	NPOC:2.558 mg/L	PH<2
21	Unknown	NPOC	10J175-07	TCJ007-21	0A-123	C:\Program	1.000	NPOC:72.65 mg/L	PH<2
22	Unknown	NPOC	10J175-08	TCJ007-22	0A-123	C:\Program	1.000	NPOC:1.913 mg/L	PH<2
23	Unknown	NPOC	10J175-11	TCJ007-23	0A-123	C:\Program	1.000	NPOC:1.555 mg/L	PH<2
24	Unknown	NPOC	10J175-12	TCJ007-24	0A-123	C:\Program	1.000	NPOC:~~1.599~~ mg/L 1.584 mg/L	PH<2
25	Unknown	NPOC	10J175-13	TCJ007-25	0A-123	C:\Program	1.000	NPOC:1031 mg/L	PH<2 over
26	Control	NPOC	CCV2	TCJ007-26	0A-123	C:\Program	1.000	NPOC:24.76 mg/L	
27	Unknown	NPOC	CCB2	TCJ007-27	0A-123	C:\Program	1.000	NPOC:0.3438 mg/L	
28	Unknown	NPOC	10J748-01	TCJ007-28	0A-123	C:\Program	1.000	NPOC:4.983 mg/L	PH<2
29	Unknown	NPOC	10J746-01	TCJ007-29	0A-123	C:\Program	1.000	NPOC:7.193 mg/L	PH<2
30	Unknown	NPOC	10J200-03	TCJ007-30	0A-123	C:\Program	1.000	NPOC:23.84 mg/L	PH<2
31	Unknown	NPOC	10J200-04	TCJ007-31	0A-123	C:\Program	1.000	NPOC:10.56 mg/L	PH<2
32	Unknown	NPOC	10J200-04D	TCJ007-32	0A-123	C:\Program	1.000	NPOC:10.69 mg/L	
33	Unknown	NPOC	10J200-04M	TCJ007-33	0A-123	C:\Program	1.000	NPOC:36.41 mg/L	
34	Unknown	NPOC	10J200-04S	TCJ007-34	0A-123	C:\Program	1.000	NPOC:36.53 mg/L	
35	Unknown	NPOC	TCJ010WL	TCJ007-35	0A-123	C:\Program	1.000	NPOC:25.86 mg/L	
36	Unknown	NPOC	TCJ010WC	TCJ007-36	0A-123	C:\Program	1.000	NPOC:25.77 mg/L	
37	Unknown	NPOC	TCJ010WB	TCJ007-37	0A-123	C:\Program	1.000	NPOC:0.2637 mg/L	
38	Control	NPOC	CCV3	TCJ007-38	0A-123	C:\Program	1.000	NPOC:24.56 mg/L	
39	Unknown	NPOC	CCB3	TCJ007-39	0A-123	C:\Program	1.000	NPOC:0.2319 mg/L	
40	Unknown	NPOC	10J202-03	TCJ007-40	0A-123	C:\Program	1.000	NPOC:0.2968 mg/L	PH<2
41	Unknown	NPOC	10J202-04	TCJ007-41	0A-123	C:\Program	1.000	NPOC:3.824 mg/L	PH<2
42	Unknown	NPOC	10J202-04D	TCJ007-42	0A-123	C:\Program	1.000	NPOC:3.838 mg/L	
43	Unknown	NPOC	10J202-04M	TCJ007-43	0A-123	C:\Program	1.000	NPOC:30.48 mg/L	
44	Unknown	NPOC	10J202-04S	TCJ007-44	0A-123	C:\Program	1.000	NPOC:30.60 mg/L	
45	Unknown	NPOC	10J202-05	TCJ007-45	0A-123	C:\Program	1.000	NPOC:5.380 mg/L	PH<2
46	Unknown	NPOC	10J220-03	TCJ007-46	0A-123	C:\Program	1.000	NPOC:3.064 mg/L	PH<2
47	Unknown	NPOC	10J220-04	TCJ007-47	0A-123	C:\Program	1.000	NPOC:1.436 mg/L	PH<2
48	Unknown	NPOC	10J220-05	TCJ007-48	0A-123	C:\Program	1.000	NPOC:0.8440 mg/L	PH<2
49	Unknown	NPOC	10J220-06	TCJ007-49	0A-123	C:\Program	1.000	NPOC:0.9369 mg/L	PH<2
50	Control	NPOC	CCV4	TCJ007-50	0A-123	C:\Program	1.000	NPOC:24.30 mg/L	
51	Unknown	NPOC	CCB4	TCJ007-51	0A-123	C:\Program	1.000	NPOC:0.1852 mg/L	
52	Unknown	NPOC	10J220-07	TCJ007-52	0A-123	C:\Program	1.000	NPOC:1.383 mg/L	PH<2
53	Unknown	NPOC	10J154-03	TCJ007-53	0A-123	C:\Program	1.000	NPOC:32.09 mg/L	PH<2
54	Unknown	NPOC	10J154-04	TCJ007-54	0A-123	C:\Program	1.000	NPOC:2.845 mg/L	PH<2
55	Unknown	NPOC	10J154-05	TCJ007-55	0A-123	C:\Program	1.000	NPOC:1.478 mg/L	PH<2
56	Unknown	NPOC	10J154-06	TCJ007-56	0A-123	C:\Program	1.000	NPOC:52.35 mg/L	PH<2
57	Unknown	NPOC	10J154-07	TCJ007-57	0A-123	C:\Program	2.000	NPOC:89.74 mg/L	PH<2 DF=2
58	Unknown	NPOC	10J154-08	TCJ007-58	0A-123	C:\Program	100.0	NPOC:16116 mg/L	PH<2 DF=100 over
59	Unknown	NPOC	10J154-10	TCJ007-59	0A-123	C:\Program	1.000	NPOC:1.438 mg/L	PH<2
60	Unknown	NPOC	10J154-11	TCJ007-60	0A-123	C:\Program	1.000	NPOC:1.362 mg/L	PH<2
61	Unknown	NPOC	10J154-12	TCJ007-61	0A-123	C:\Program	1.000	NPOC:15.06 mg/L	PH<2
62	Control	NPOC	CCV5	TCJ007-62	0A-123	C:\Program	1.000	NPOC:24.13 mg/L	
63	Unknown	NPOC	CCB5	TCJ007-63	0A-123	C:\Program	1.000	NPOC:0.3165 mg/L	
64	Unknown	NPOC	10J154-13	TCJ007-64	0A-123	C:\Program	1.000	NPOC:13.74 mg/L	PH<2
65	Unknown	NPOC	10J154-14	TCJ007-65	0A-123	C:\Program	2.000	NPOC:541.7 mg/L	PH<2 DF=2 over
66	Unknown	NPOC	10J154-15	TCJ007-66	0A-123	C:\Program	1.000	NPOC:6.419 mg/L	PH<2
67	Control	NPOC	CCV6	TCJ007-67	0A-123	C:\Program	1.000	NPOC:23.[illegible]	
68	Unknown	NPOC	CCB6	TCJ007-68	0A-123	C:\Program	1.000	NPOC:0.3086 mg/L	

Instr.Information

System	tcc
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Cal. Curve

Sample Name:	CAL
Sample ID:	TC.007-C1
Cal. Curve:	TC.007.2010 10 19 16 12 27.cal

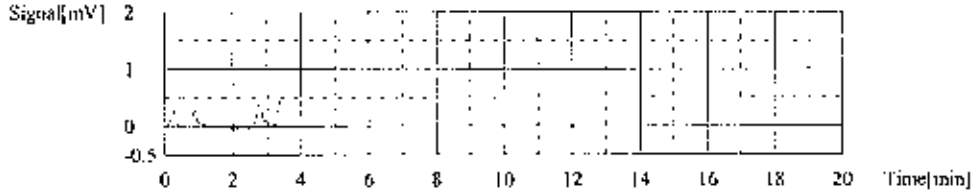
Type [Anal.]

Standard NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.3827	50uL	1	******		10/19/10 04:19:35 PM
2	0.000	50uL	1	******		10/19/10 04:21:21 PM
3	0.4058	50uL	1	******		10/19/10 04:22:09 PM
4	0.4515	50uL	1	******		10/19/10 04:22:58 PM

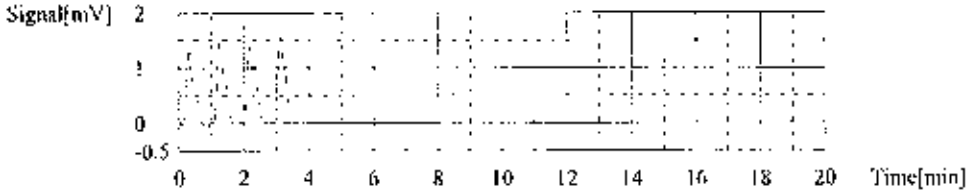
Acid Add	2.500%
Sp. Time	90.00sec
Mean Area	0.2975



Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	2.352	50uL	10	******		10/19/10 04:31:06 PM
2	2.354	50uL	10	******		10/19/10 04:32:13 PM
3	2.437	50uL	10	******		10/19/10 04:33:22 PM
4	2.540	50uL	10	******		10/19/10 04:34:30 PM

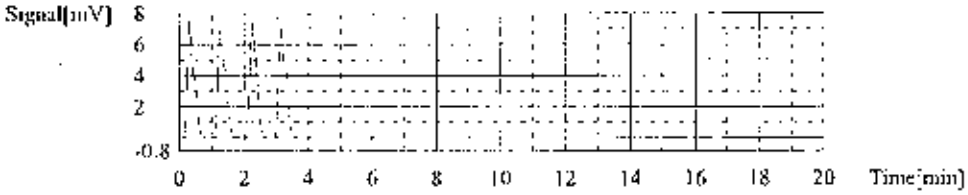
Acid Add.	2.500%
Sp. Time	90.00sec
Mean Area	2.421



Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	11.10	50uL	2	******		10/19/10 04:40:43 PM
2	11.23	50uL	2	******		10/19/10 04:41:53 PM
3	11.29	50uL	2	******		10/19/10 04:43:00 PM
4	11.37	50uL	2	******		10/19/10 04:44:05 PM

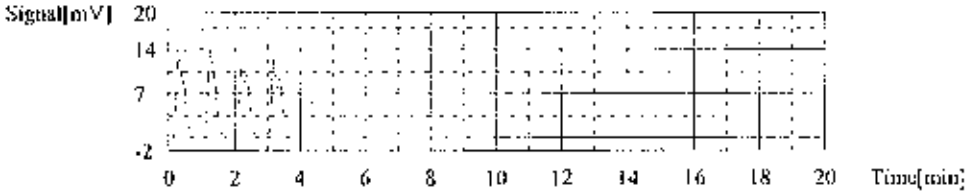
Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 11.28



Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	22.22	50uL	1	*******		10/19/10 04:49:36 PM
2	22.19	50uL	1	*******		10/19/10 04:50:45 PM
3	22.33	50uL	1	*******		10/19/10 04:51:57 PM
4	22.60	50uL	1	*******		10/19/10 04:53:08 PM

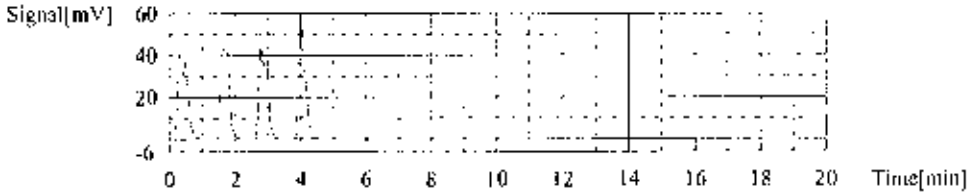
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 22.34



Conc: 40.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	81.45	50uL	2	*******		10/19/10 05:01:37 PM
2	81.52	50uL	2	*******		10/19/10 05:03:00 PM
3	82.77	50uL	2	*******		10/19/10 05:04:25 PM
4	82.58	50uL	2	*******		10/19/10 05:05:48 PM

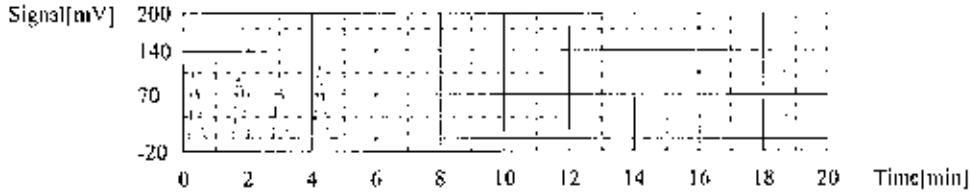
Acid Add. 2.500%
Sp. Time 90.00sec
Mean Area 82.16



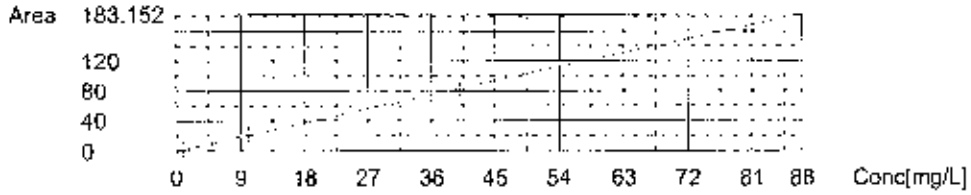
Conc: 80.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	167.4	50uL	1	*******		10/19/10 05:11:44 PM
2	167.0	50uL	1	*******		10/19/10 05:13:11 PM
3	167.7	50uL	1	*******		10/19/10 05:14:40 PM
4	168.6	50uL	1	*******		10/19/10 05:16:08 PM

Acid Add 2.500%
Sp. Time 90.00sec
Mean Area 167.7



Slope: 2.081
Intercept 0.000
r^2 0.999807



Control Sample

Sample Name: ICV
Sample ID: TCJ007-02
Method: TCJ007.tpl
Chk. Result: Control value: 24.83 / Control exceeds range

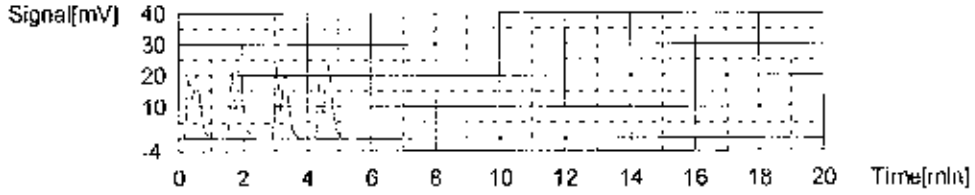
Type	Anal.	D.F.	Result
Control	NPOC	1.000	NPOC:24.83 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj Vol.	Anl. D.F.	Ex.	Cal. Curve	Date / Time
1	51.30	24.66mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:24:13 PM
2	51.54	24.76mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:26:47 PM
3	52.34	25.15mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:27:20 PM
4	51.54	24.76mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:28:54 PM

Mean Area 51.68
Mean Conc. 24.83mg/L



Sample

Sample Name: ICB
Sample ID: TCJ007-03
Origin: TCJ007.cal
Chk. Result

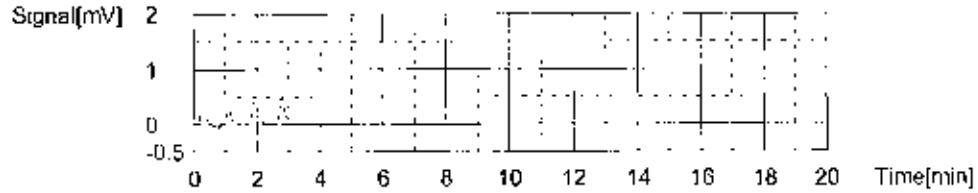
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2242 mg/L

1. Det.

Anal.: NPOC

No.	Area	Conc.	Inj Vol.	Anl. Dil.	Ex.	Cal. Curve	Date / Time
1	0.4573	0.2197mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:36:16 PM
2	0.3818	0.1834mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:37:16 PM
3	0.4628	0.2224mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:38:19 PM
4	0.5645	0.2712mg/L	50uL	1		TCJ007.2010_10_19_16_12_27.cal	10/19/10 05:39:18 PM

Mean Area 0.4666
Mean Conc. 0.2242mg/L



SiREM
Site Recovery & Management
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Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, IEECI

Project: NWS - Seal Beach

Customer Reference: 4-14114

SiREM Reference: S-1912

Report Issued: 9-June-10

Data Files: MyiQ-DHC-QPCR-0623
DHC-QPCR-Check-gel-0441
iQ5-DB-DHC-QPCR-0106

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
MW-70-PMW-07A-P11	DHC-6232	27-May-10	Groundwater	0.002-0.006%	7×10^4/liter
MW-70-PMW-07B-P11	DHC-6233	27-May-10	Groundwater	0.0004-0.001%	5×10^3/liter
IW-70-FSB216-P11	DHC-6234	27-May-10	Groundwater	0.5-1%	1×10^8/liter
MW-70-PMW-08A-P11	DHC-6235	27-May-10	Groundwater	0.05-0.1%	6×10^5/liter
MW-70-PMW-08B-P11	DHC-6236	27-May-10	Groundwater	2-5%	2×10^7/liter
IW-70-FSB229-P11	DHC-6237	27-May-10	Groundwater	0.01-0.03%	8×10^5/liter

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B] Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Guelph, Ontario N1G 5G3
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Fax (519) 822-3151

Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, IEECI

Project: NWS - Seal Beach

Customer Reference: 4-14114

SiREM Reference: S-1912

Report Issued: 9-June-10

Data Files: iQ5-VC-QPCR-0287
VC-QPCR-Check-gel-0309b
MyiQ-DB-VC-QPCR-0072

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
MW-70-PMW-07A-P11	VCR-1888	27-May-10	Groundwater	0.0009-0.003%	3×10^4/liter(1)
MW-70-PMW-07B-P11	VCR-1889	27-May-10	Groundwater	0.0003-0.001%	4×10^3/liter(1)
IW-70-FSB216-P11	VCR-1890	27-May-10	Groundwater	0.01-0.03%	3×10^6/liter(1)
MW-70-PMW-08A-P11	VCR-1891	27-May-10	Groundwater	0.003-0.008%	4×10^4/liter(1)
MW-70-PMW-08B-P11	VCR-1892	27-May-10	Groundwater	0.1-0.4%	2×10^6/liter
IW-70-FSB229-P11	VCR-1893	27-May-10	Groundwater	0.006-0.02%	4×10^5/liter(1)

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

[1]Correction factor applied to correct for non-specific PCR amplification products.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2: Detailed Test Parameters, Gene-Trac Test Reference S-1912

Customer Sample ID	MW-70-PMW-07A-P11	MW-70-PMW-07B-P11	IW-70-FSB216-P11	MW-70-PMW-08A-P11	MW-70-PMW-08B-P11	IW-70-FSB229-P11
SiREM Sample ID	DHC-6232/ VCR1888	DHC-6233/ VCR-1889	DHC-6234/ VCR-1890	DHC-6235/ VCR-1891	DHC-6236/ VCR-1892	DHC-6237/ VCR-1893
Date Received	31-May-10	31-May-10	31-May-10	31-May-10	31-May-10	31-May-10
Sample Temperature	21 ˚C	21 ˚C	21 ˚C	21 ˚C	21 ˚C	21 ˚C
Filtration Date	1-Jun-10	1-Jun-10	1-Jun-10	1-Jun-10	1-Jun-10	1-Jun-10
Volume Used for DNA Extraction	400 mL	500 mL	50 mL	500 mL	500 mL	200 mL
DNA Extraction Date	2-Jun-10	2-Jun-10	2-Jun-10	2-Jun-10	2-Jun-10	2-Jun-10
DNA Concentration in Sample (extractable)	7262 ng/L	2331 ng/L	57690 ng/L	2604 ng/L	2861 ng/L	14081 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	3-Jun-10	3-Jun-10	3-Jun-10	3-Jun-10	3-Jun-10	3-Jun-10
***vcrA* qPCR Analysis Date**	4-Jun-10	4-Jun-10	4-Jun-10	4-Jun-10	4-Jun-10	4-Jun-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -	- -	- -

Notes:

Refer to Table 3 for detailed results of controls.
DNA = Deoxyribonucleic acid
°C = degrees Celsius
PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
ng/L = nanograms per liter
mL = milliliters
vcrA = vinyl chloride reductase

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-1912

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	3-Jun-10	qPCR with KB-1 genomic DNA (CSLD-0261)	4.3×10^5	2.6×10^5	- -
Positive Control High Concentration	3-Jun-10	qPCR with KB-1 genomic DNA (CSHD-0261)	3.3×10^7	2.6×10^7	- -
DNA Extraction Blank	2-Jun-10	DNA extraction sterile water (FB-1202)	0	ND	- -
Negative Control	3-Jun-10	Tris Reagent Blank (TBD-0221)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

NA = not applicable

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-1912

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	4-Jun-10	qPCR with KB-1 genomic DNA (CSLV-0155)	5.8×10^5	3.6×10^5	- -
Positive Control High Concentration	4-Jun-10	qPCR with KB-1 genomic DNA (CSHV-0155)	5.1×10^7	2.8×10^7	- -
DNA Extraction Blank	4-Jun-10	DNA extraction sterile water (FB-1202)	0	ND	- -
Negative Control	4-Jun-10	Tris Reagent Blank (TBV-0126)	0	Inconclusive	See Note 1

Notes:

NA = not applicable

ND = not detected

qPCR = quantitative PCR

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

[1]Inconclusive results may indicate extremely low concentrations of *vcrA* DNA.

SIREM

S-1912.

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER: 4-14114

SAMPLE STORAGE

EMAX CONTROL NO. *

PROJECT CODE:

CLIENT: IEECI
PROJECT: NWS-SEAL BEACH
COORDINATOR: NICK WEINBERGER
TEL / FAX / EMAIL
SEND REPORT TO: NICK WEINBERGER
COMPANY: IEECI
ADDRESS
EMAX PM

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC=Ice
GW=Ground Water	HC=HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: DHC/VOC

TAT: ☐ Rush ____hrs. ☐ Rush ____days ☐ 7 days ☒ 14 days ☐ 21 days ☐ 30 days ☐ ____days ☐

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
1	MW-70-PMW07A-P11	IL70	5-27-10	0837	1	1L	Poly	GW		IC	
2	MW-70-PMW-07B-P11	↓	↓	0832	1	1L	↓	↓			
3	EW-70-FSB216-P11			1025	1	1L					
4	MW-70-PMW08A-P11			1130	1	1L					
5	MW-70-PMW08B-P11		↓	1210	1	1L	↓	↓			
6	EW-70-FSB225-P11	↓	5-27-10	0850	1	1L	Poly	GW			
7											
8											
9											
0											

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY
[signature]	5-27-10	1600	FEDEX
			[signature] Cooler @1°C
			SIREM MAY 31 '10

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

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Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1942

Report Issued: 13-July-10

Data Files: MyiQ-DHC-QPCR-0634
DHC-QPCR-Check-gel-0451
MyiQ-DB-DHC-QPCR-0114
DHC-UP-0626

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
MW-70-PMW04A-P12	DHC-6302	30-Jun-10	Groundwater	0.2-0.7%	1×10^6/liter
MW-70-PMW04B-P12	DHC-6303	30-Jun-10	Groundwater	NA(1)	ND(2)
MW-70-PMW05A-P12	DHC-6304	30-Jun-10	Groundwater	1-4%	4×10^7/liter
MW-70-PMW05B-P12	DHC-6305	30-Jun-10	Groundwater	9-25%	2×10^8/liter
IW-70-FSB108-P12	DHC-6306	30-Jun-10	Groundwater	0.05-0.1%	9×10^6/liter
IW-70-FSB118-P12	DHC-6307	30-Jun-10	Groundwater	0.2-0.5%	2×10^7/liter
MW-70-PMW09-P12	DHC-6308	1-Jul-10	Groundwater	NA(1)	ND(2)
IW-70-SHB113-P12	DHC-6309	1-Jul-10	Groundwater	35-74%	3×10^9/liter
MW-70-PMW10-P12	DHC-6310	1-Jul-10	Groundwater	0.0001-0.0003%	6×10^2/liter(3)

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable
ND = not detected

[1]Not applicable as *Dehalococcoides* not detected.
[2]Not detected. The sample specific quantitation limit was 4×10^3/liter.
[3]*Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 4×10^3/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac *Dehalococcoides* Test Results.

Analys _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1942

Report Issued: 13-July-10

Data Files: iQ5-VC-QPCR-0299
VC-QPCR-Check-gel-0321
iQ5-DB-VC-QPCR-0079

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
MW-70-PMW04A-P12	VCR-1933	30-Jun-10	Groundwater	0.2-0.5%	8×10^5/liter
MW-70-PMW05A-P12	VCR-1934	30-Jun-10	Groundwater	1-4%	4×10^7/liter
MW-70-PMW05B-P12	VCR-1935	30-Jun-10	Groundwater	0.02-0.06%	3×10^5/liter(1)
IW-70-FSB108-P12	VCR-1936	30-Jun-10	Groundwater	0.003-0.01%	7×10^5/liter(1)
IW-70-FSB118-P12	VCR-1937	30-Jun-10	Groundwater	0.03-0.09%	3×10^6/liter(1)
IW-70-SHB113-P12	VCR-1938	1-Jul-10	Groundwater	29-64%	2×10^9/liter
MW-70-PMW10-P12	VCR-1939	1-Jul-10	Groundwater	0.0003-0.0009%	2×10^3/liter(1,2)

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

[1]Correction factor applied to correct for non-specific PCR amplification products.
[2]*vcrA* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 4×10^3/liter.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-1942

Customer Sample ID	MW-70-PMW04A-P12	MW-70-PMW04B-P12	MW-70-PMW05A-P12	MW-70-PMW05B-P12	IW-70-FSB108-P12
SiREM Sample ID	DHC-6302/VCR-1933	DHC-6303	DHC-6304/VCR-1934	DHC-6305/VCR-1935	DHC-6306/VCR-1936
Date Received	2-Jul-10	2-Jul-10	2-Jul-10	2-Jul-10	2-Jul-10
Sample Temperature	7 ˚C	7 ˚C	7 ˚C	7 ˚C	7 ˚C
Filtration Date	5-Jul-10	5-Jul-10	5-Jul-10	5-Jul-10	5-Jul-10
Volume Used for DNA Extraction	500 mL	500 mL	400 mL	500 mL	200 mL
DNA Extraction Date	6-Jul-10	6-Jul-10	6-Jul-10	6-Jul-10	6-Jul-10
DNA Concentration in Sample (extractable)	959 ng/L	1247 ng/L	5743 ng/L	3584 ng/L	40661 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	7-Jul-10	7-Jul-10	7-Jul-10	7-Jul-10	7-Jul-10
***vcrA* qPCR Analysis Date**	8-Jul-10	NA	8-Jul-10	8-Jul-10	8-Jul-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed	Passed
Comments	- -	Sample not tested for *vcrA* as sample was ND for Dhc.	- -	- -	- -

Notes:

Refer to Table 3 for detailed results of controls.
NA = not applicable
°C = degrees Celsius
DNA = Deoxyribonucleic acid

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*

vcrA = vinyl chloride reductase
ng/L = nanograms per liter
mL = milliliters

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-1942

Customer Sample ID	IW-70-FSB118-P12	MW-70-PMW09-P12	IW-70-SHB113-P12	MW-70-PMW10-P12
SiREM Sample ID	DHC-6307/VCR-1937	DHC-6308	DHC-6309/VCR-1938	DHC-6310/VCR-1939
Date Received	2-Jul-10	2-Jul-10	2-Jul-10	2-Jul-10
Sample Temperature	7 ˚C	7 ˚C	7 ˚C	7 ˚C
Filtration Date	5-Jul-10	5-Jul-10	5-Jul-10	5-Jul-10
Volume Used for DNA Extraction	200 mL	500 mL	200 mL	500 mL
DNA Extraction Date	6-Jul-10	6-Jul-10	6-Jul-10	6-Jul-10
DNA Concentration in Sample (extractable)	21056 ng/L	1409 ng/L	12090 ng/L	1269 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	7-Jul-10	7-Jul-10	7-Jul-10	7-Jul-10
***vcrA* qPCR Analysis Date**	8-Jul-10	NA	8-Jul-10	8-Jul-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	Sample not tested for *vcrA* as sample was ND for Dhc.	- -	- -

Notes:

Refer to Table 3 for detailed results of controls.
NA = not applicable
°C = degrees Celsius
DNA = Deoxyribonucleic acid

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*

vcrA = vinyl chloride reductase
ng/L = nanograms per liter
mL = milliliters

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-1942

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	7-Jul-10	qPCR with KB-1 genomic DNA (CSLD-0272)	4.3×10^5	3.4×10^5	- -
Positive Control High Concentration	7-Jul-10	qPCR with KB-1 genomic DNA (CSHD-0272)	3.3×10^7	2.4×10^7	- -
DNA Extraction Blank	7-Jul-10	DNA extraction sterile water (EB-1223)	0	ND	- -
Negative Control	7-Jul-10	Tris Reagent Blank (TBD-0232)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-1942

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	8-Jul-10	qPCR with KB-1 genomic DNA (CSLV-0167)	5.8×10^5	5.0×10^5	- -
Positive Control High Concentration	8-Jul-10	qPCR with KB-1 genomic DNA (CSHV-0167)	5.1×10^7	4.8×10^7	- -
DNA Extraction Blank	8-Jul-10	DNA extraction sterile water (EB-1223)	0	ND	- -
Negative Control	8-Jul-10	Tris Reagent Blank (TBV-0138)	0	ND	- -

Notes:

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

Chain-of-Custody Form

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Lab # S-1942

Project Name	SOAL BEACH IR SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEECI.COM
Company	INSIGHT EEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	(714) 678-6700
Fax #	(714)-678-6711
Sampler's Signature	
Sampler's Printed Name	CHASE BROGDON

Analysis

Preservative Key: 0. None; 1. HCl; 2. Other ____; 3. Other ____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc/VOA	Gene-Trac VC	Gene-Trac Dhb	Other Information
MW-70-PMW04A-P12	6/30/10	0847	GW	1	X			
MW-70-PMW04B-P12	↓	0916	↓	↓	X			
MW-70-PMW05A-P12	↓	0952	↓	↓	X			
MW-70-PMW05B-P12	↓	1039	↓	↓	X			
IW-70-FSB108-P12	↓	1130	↓	↓	X			
IW-70-FSB118-P12	6/30/10	1421	↓	↓	X			
MW-70-PMW09-P12	7/01/10	0851	GW	1	X			
IW-70-SHB113-P12	↓	0922	↓	↓	X			
MW-70-PMW10-P12	7/01/10	1000	↓	↓	X			

Sample Receipt

Cooler Condition: GOOD

Cooler Temperature: 7°C

Custody Seals: Yes ☐ No ☒

Billing Information

P.O. #

Bill To:

Turnaround Time Requested

Normal ☐

Rush ☐

For Lab Use Only

Proposal #: ____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature FED-EX	Signature	Signature	Signature	Signature
Printed Name CHASE BROGDON	Printed Name	Printed Name	Printed Name Juline Pring	Printed Name	Printed Name
Firm INSIGHT EEC, INC	Firm	Firm	Firm SiREM	Firm	Firm
Date/Time 07/01/10 1045	Date/Time 07/01/10 1045	Date/Time	Date/Time 7.2.10 2:05	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

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Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberg, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1987

Report Issued: 14-Sept-10

Data Files: iQ5-DHC-QPCR-0660
DHC-QPCR check gel-0469
MyiQ-DB-DHC-QPCR-0131
DHC-UP-0639

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
IW-70-SAB11-P13	DHC-6410	30-Aug-10	Groundwater	0.04-0.1%	4×10^7/liter
IW-70-SAB11-P13-D	DHC-6411	30-Aug-10	Groundwater	0.05-0.1%	5×10^7/liter
IW-70-SAB03-P13	DHC-6412	30-Aug-10	Groundwater	0.1-0.3%	2×10^7/liter
IW-70-SSB119-P13	DHC-6413	30-Aug-10	Groundwater	0.03-0.09%	5×10^6/liter
IW-70-SHB319-P13	DHC-6414	31-Aug-10	Groundwater	0.007-0.02%	5×10^5/liter
IW-70-SHB310-A10	DHC-6415	31-Aug-10	Groundwater	NA(1)	Inconclusive(2)
IW-70-SHB311-P13	DHC-6416	31-Aug-10	Groundwater	0.02-0.06%	2×10^6/liter
MW-70-PMW07A-A10	DHC-6417	31-Aug-10	Groundwater	0.002-0.007%	7×10^4/liter
MW-70-PMW07B-A10	DHC-6418	31-Aug-10	Groundwater	0.0001-0.0004%	1×10^3/liter(3)
IW-70-FSB229-P13	DHC-6419	1-Sep-10	Groundwater	0.001-0.004%	8×10^4/liter
IW-70-FSB216-A10	DHC-6420	1-Sep-10	Groundwater	0.3-0.9%	1×10^7/liter
MW-70-PMW08A-A10	DHC-6421	1-Sep-10	Groundwater	0.04-0.1%	3×10^5/liter
MW-70-PMW08B-A10	DHC-6422	1-Sep-10	Groundwater	0.9-3%	6×10^6/liter
MW-70-PMW08B-A10-D	DHC-6423	1-Sep-10	Groundwater	1-4%	7×10^6/liter
IW-70-SAB06-A10	DHC-6424	2-Sep-10	Groundwater	0.005-0.01%	1×10^6/liter
MW-70-PMW03A-A10	DHC-6425	2-Sep-10	Groundwater	0.005-0.02%	4×10^5/liter
MW-70-PMW03B-A10	DHC-6426	2-Sep-10	Groundwater	0.05-0.1%	3×10^5/liter

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable

[1]Not applicable as *Dehalococcoides* enumeration inconclusive.
[2]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA at or below the sample specific quantitation limit (1×10^4/liter), however, test results were insufficient to assign a conclusive positive result for this sample.
[3]*Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 4×10^3/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac Dehalococcoides Test Results.

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Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberg, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1987

Report Issued: 14-Sept-10

Data Files: iQ5-VC-QPCR-0314
MyiQ-VC-QPCR-0315
VC-QPCR-Check-gel-0336a, 0336b, 0337
iQ5-DB-VC-QPCR-0091

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
IW-70-SAB11-P13	VCR-2007	30-Aug-10	Groundwater	0.06-0.2%	6×10^7/liter(1)
IW-70-SAB11-P13-D	VCR-2008	30-Aug-10	Groundwater	0.06-0.2%	6×10^7/liter(1)
IW-70-SAB03-P13	VCR-2009	30-Aug-10	Groundwater	0.2-0.6%	3×10^7/liter(1)
IW-70-SSB119-P13	VCR-2010	30-Aug-10	Groundwater	0.05-0.1%	8×10^6/liter(1)
IW-70-SHB319-P13	VCR-2011	31-Aug-10	Groundwater	0.008-0.02%	6×10^5/liter(1)
IW-70-SHB310-A10	VCR-2024	31-Aug-10	Groundwater	NA(2)	ND(3)
IW-70-SHB311-P13	VCR-2013	31-Aug-10	Groundwater	0.02-0.07%	2×10^6/liter(1)
MW-70-PMW07A-A10	VCR-2025	31-Aug-10	Groundwater	0.002-0.007%	6×10^4/liter(1)
MW-70-PMW07B-A10	VCR-2026	31-Aug-10	Groundwater	NA(2)	ND(4)
IW-70-FSB229-P13	VCR-2016	1-Sep-10	Groundwater	0.001-0.004%	7×10^4/liter(1)
IW-70-FSB216-A10	VCR-2017	1-Sep-10	Groundwater	0.01-0.04%	5×10^5/liter(1)
MW-70-PMW08A-A10	VCR-2018	1-Sep-10	Groundwater	0.01-0.04%	9×10^4/liter
MW-70-PMW08B-A10	VCR-2019	1-Sep-10	Groundwater	0.08-0.2%	5×10^5/liter(1)
MW-70-PMW08B-A10-D	VCR-2020	1-Sep-10	Groundwater	0.04-0.1%	3×10^5/liter(1)
IW-70-SAB06-A10	VCR-2021	2-Sep-10	Groundwater	0.01-0.03%	2×10^6/liter(1)
MW-70-PMW03A-A10	VCR-2022	2-Sep-10	Groundwater	0.02-0.06%	2×10^6/liter(1)
MW-70-PMW03B-A10	VCR-2023	2-Sep-10	Groundwater	NA(2)	ND(5)

Analyst: Julie Pring
Julie Pring
Biotechnology Technologist

Approved: Ximena Druar
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

NA = not applicable
ND = not detected

[1]Correction factor applied to correct for non-specific PCR amplification products.
[2]Not applicable as *vcrA* not detected.
[3]Not detected. The sample specific quantitation limit was 1 x 10^4/liter.
[4]Not detected. The sample specific quantitation limit was 4 x 10^3/liter.
[5]Not detected. The sample specific quantitation limit was 4 x 10^3/liter.

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-1987

Customer Sample ID	IW-70-SAB11-P13	IW-70-SAB11-P13-D	IW-70-SAB03-P13	IW-70-SSB119-P13
SiREM Sample ID	DHC-6410/VCR-2007	DHC-6411/VCR-2008	DHC-6412/VCR-2009	DHC-6413/VCR-2010
Date Received	3-Sep-10	3-Sep-10	3-Sep-10	3-Sep-10
Sample Temperature	6 ˚C	6 ˚C	6 ˚C	6 ˚C
Filtration Date	7-Sep-10	7-Sep-10	7-Sep-10	7-Sep-10
Volume Used for DNA Extraction	10 mL	10 mL	100 mL	50 mL
DNA Extraction Date	8-Sep-10	8-Sep-10	8-Sep-10	8-Sep-10
DNA Concentration in Sample (extractable)	206850 ng/L	205200 ng/L	27383 ng/L	33300 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	9-Sep-10	9-Sep-10	9-Sep-10	9-Sep-10
***vcrA* qPCR Analysis Date**	10-Sep-10	10-Sep-10	10-Sep-10	10-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-1987

Customer Sample ID	IW-70-SHB319-P13	IW-70-SHB310-A10	IW-70-SHB311-P13	MW-70-PMW07A-A10
SiREM Sample ID	DHC-6414/VCR-2011	DHC-6415/VCR-2024	DHC-6416/VCR-2013	DHC-6417/VCR-2025
Date Received	3-Sep-10	3-Sep-10	3-Sep-10	3-Sep-10
Sample Temperature	6 ˚C	6 ˚C	6 ˚C	6 ˚C
Filtration Date	7-Sep-10	7-Sep-10	7-Sep-10	7-Sep-10
Volume Used for DNA Extraction	100 mL	200 mL	200 mL	300 mL
DNA Extraction Date	8-Sep-10	8-Sep-10	8-Sep-10	8-Sep-10
DNA Concentration in Sample (extractable)	13853 ng/L	4973 ng/L	17895 ng/L	5300 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	9-Sep-10	9-Sep-10	9-Sep-10	9-Sep-10
***vcrA* qPCR Analysis Date**	10-Sep-10	13-Sep-10	10-Sep-10	13-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.3: Detailed Test Parameters, Gene-Trac Test Reference S-1987

Customer Sample ID	MW-70-PMW07B-A10	IW-70-FSB229-P13	IW-70-FSB216-A10	MW-70-PMW08A-A10
SiREM Sample ID	DHC-6418/VCR-2026	DHC-6419/VCR-2016	DHC-6420/VCR-2017	DHC-6421/VCR-2018
Date Received	3-Sep-10	3-Sep-10	3-Sep-10	3-Sep-10
Sample Temperature	6 ˚C	6 ˚C	6 ˚C	6 ˚C
Filtration Date	7-Sep-10	7-Sep-10	7-Sep-10	7-Sep-10
Volume Used for DNA Extraction	500 mL	100 mL	200 mL	500 mL
DNA Extraction Date	8-Sep-10	8-Sep-10	8-Sep-10	8-Sep-10
DNA Concentration in Sample (extractable)	1872 ng/L	11640 ng/L	7196 ng/L	1538 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	9-Sep-10	9-Sep-10	9-Sep-10	9-Sep-10
***vcrA* qPCR Analysis Date**	13-Sep-10	10-Sep-10	10-Sep-10	10-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.4: Detailed Test Parameters, Gene-Trac Test Reference S-1987

Customer Sample ID	MW-70-PMW08B-A10	MW-70-PMW08B-A10-D	IW-70-SAB06-A10	MW-70-PMW03A-A10	MW-70-PMW03B-A10
SiREM Sample ID	DHC-6422/VCR-2019	DHC-6423/VCR-2020	DHC-6424/VCR-2021	DHC-6425/VCR-2022	DHC-6426/VCR-2023
Date Received	3-Sep-10	3-Sep-10	3-Sep-10	3-Sep-10	3-Sep-10
Sample Temperature	6 ˚C	6 ˚C	6 ˚C	6 ˚C	6 ˚C
Filtration Date	7-Sep-10	7-Sep-10	7-Sep-10	7-Sep-10	7-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	20 mL	100 mL	500 mL
DNA Extraction Date	8-Sep-10	8-Sep-10	8-Sep-10	8-Sep-10	8-Sep-10
DNA Concentration in Sample (extractable)	1323 ng/L	1254 ng/L	44925 ng/L	16883 ng/L	1305 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	9-Sep-10	9-Sep-10	9-Sep-10	9-Sep-10	9-Sep-10
***vcrA* qPCR Analysis Date**	10-Sep-10	10-Sep-10	10-Sep-10	10-Sep-10	10-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-1987

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	9-Sep-10	qPCR with KB-1 genomic DNA (CSLD-0298)	3.6×10^5	2.9×10^5	- -
Positive Control High Concentration	9-Sep-10	qPCR with KB-1 genomic DNA (CSHD-0298)	2.9×10^7	3.0×10^7	- -
Negative Control	9-Sep-10	Tris Reagent Blank (TBD-0258)	0	ND	- -
DNA Extraction Blank	8-Sep-10	DNA extraction sterile water (FB-1259)	0	ND	- -
DNA Extraction Blank	8-Sep-10	DNA extraction sterile water (FB-1260)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-1987

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	10-Sep-10	qPCR with KB-1 genomic DNA (CSLV-0182)	5.8×10^5	6.1×10^5	- -
Positive Control High Concentration	10-Sep-10	qPCR with KB-1 genomic DNA (CSHV-0182)	5.1×10^7	3.4×10^7	- -
Negative Control	10-Sep-10	Tris Reagent Blank (TBV-0153)	0	ND	- -
Positive Control Low Concentration	13-Sep-10	qPCR with KB-1 genomic DNA (CSLV-0183)	4.2×10^5	5.4×10^5	- -
Positive Control High Concentration	13-Sep-10	qPCR with KB-1 genomic DNA (CSHV-0183)	3.4×10^7	3.5×10^7	- -
Negative Control	13-Sep-10	Tris Reagent Blank (TBV-0154)	0	ND	- -
DNA Extraction Blank	13-Sep-10	DNA extraction sterile water (FB-1259)	0	ND	- -
DNA Extraction Blank	9-Sep-10	DNA extraction sterile water (FB-1260)	0	ND	- -

Notes:

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

№ 2907

SiREM
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Page 1 of 2

Lab # S-1987

Project Name	NWS SEAL BEACH IR SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWIENBERGER@IEEC.COM
Company	INSIGHT EEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714-678-6700
Fax #	714-678-6711
Sampler's Signature	
Sampler's Printed Name	CHASE BROGDON

Analysis

Preservative: NP

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc / VCP	Gene-Trac VC	Gene-Trac Dhb	Other Information
IW-70-SAB11-P13	8/30/10	1205	GW	1	X			
IW-70-SAB11-P13-D	8/30/10	1210	GW	1	X			DUPLICATE
IW-70-SAB03-P13	8/30/10	1345	GW	1	X			
IW-70-SSB119-P13	8/30/10	1455	GW	1	X			
IW-70-SHB319-P13	8/31/10	0820	GW	1	X			
IW-70-SHB310-A10	8/31/10	0930	GW	1	X			
IW-70-SHB311-P13	8/31/10	1000	GW	1	X			
MW-70-PMW07A-A10	8/31/10	1250	GW	1	X			
MW-70-PMW07B-A10	8/31/10	1330	GW	1	X			
IW-70-FSB229-P13	9/01/10	1010	GW	1	X			

Sample Receipt
Cooler Condition: Good
Cooler Temperature: 6°C
Custody Seals: Yes ☐ No ☒

Billing Information
P.O. #
Bill To:

Turnaround Time Requested
Normal ☒
Rush ☐

For Lab Use Only
Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature J. Wilkinson	Signature	Signature	Signature	Signature
Printed Name CHASE BROGDON	Printed Name J. Wilkinson	Printed Name	Printed Name	Printed Name	Printed Name
Firm INSIGHT EEC INC	Firm SiREM	Firm	Firm	Firm	Firm
Date/Time 09/02/10 1430	Date/Time 9/3/10 1300	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

№ 2906

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Lab # S-1987

Project Name	NWS SEAL BEACH IW SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEEI.COM
Company	INSIGHT EEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714-678-6700
Fax #	714-678-6711
Sampler's Signature	
Sampler's Printed Name	CHASE BROGDON

Analysis

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc / Lea	Gene-Trac VC	Gene-Trac Dhb	Other Information
				Preservative	NP			
IW-70-FSB216-A10	9/01/10	1105	GW	1	X			
MW-70-PMW08A-A10	↓	1158	↓	1	X			
MW-70-PMW08B-A10	↓	1245	↓	1	X			
MW-70-PMW08B-A10-D	9/01/10	1250	↓	1	X			DUPLICATE
IW-70-SAB06-A10	9/02/10	0905	GW	1	X			
MW-70-PMW03A-A10	↓	1037	↓	1	X			
MW-70-PMW03B-A10	↓	1140	↓	1	X			

Sample Receipt	
Cooler Condition:	Good
Cooler Temperature:	6°C
Custody Seals:	Yes ☐ No ☒

Billing Information	
P.O. #	
Bill To:	

Turnaround Time Requested
Normal ☐
Rush ☐

For Lab Use Only
Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature J. Wilkinson	Signature	Signature	Signature	Signature
Printed Name CHASE BROGDON	Printed Name J. WILKINSON	Printed Name	Printed Name	Printed Name	Printed Name
Firm INSIGHT EEC, INC	Firm SiREM	Firm	Firm	Firm	Firm
Date/Time 09/02/10 1430	Date/Time 9/3/10 1300	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

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Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, Insight EEC Inc.
Project: NWS Seal Beach IR Site 70
Customer Reference: 4-14114

SiREM Reference: S-1991
Report Issued: 20-Sept-10
Data Files: iQ5-DHC-QPCR-0662
DHC-QPCR-Check-gel-0470a
MyiQ-DB-DHC-QPCR-0132
DHC-UP-0640

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
MW-70-PMW04A-A10	DHC-6435	7-Sep-10	Groundwater	0.06-0.2%	2×10^5/liter
MW-70-PMW04B-A10	DHC-6436	7-Sep-10	Groundwater	NA(1)	Inconclusive(2)
MW-70-PMW05A-A10	DHC-6437	8-Sep-10	Groundwater	0.2-0.5%	1×10^6/liter
MW-70-PMW05B-A10	DHC-6438	8-Sep-10	Groundwater	3-9%	4×10^7/liter
IW-70-FSB108-A10	DHC-6439	8-Sep-10	Groundwater	1-3%	4×10^7/liter
IW-70-FSB118-A10	DHC-6440	8-Sep-10	Groundwater	0.1-0.3%	3×10^6/liter

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable

[1]Not applicable as *Dehalococcoides* enumeration inconclusive.
[2]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA at or below the sample specific quantitation limit (4×10^3/liter), however, test results were insufficient to assign a conclusive positive result for this sample.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Guelph, Ontario N1G 5G3
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Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1991

Report Issued: 20-Sept-10

Data Files: iQ5-VC-QPCR-0316
VC-QPCR-Check-gel-0338a
0338b
iQ5-DB-VC-QPCR-0092

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
MW-70-PMW04A-A10	VCR-2035	7-Sep-10	Groundwater	0.09-0.3%	4×10^5/liter
MW-70-PMW04B-A10	VCR-2036	7-Sep-10	Groundwater	NA(1)	Inconclusive(2)
MW-70-PMW05A-A10	VCR-2037	8-Sep-10	Groundwater	0.2-0.6%	1×10^6/liter(3)
MW-70-PMW05B-A10	VCR-2038	8-Sep-10	Groundwater	3-10%	4×10^7/liter(3)
IW-70-FSB108-A10	VCR-2039	8-Sep-10	Groundwater	0.7-2%	3×10^7/liter(3)
IW-70-FSB118-A10	VCR-2040	8-Sep-10	Groundwater	0.2-0.6%	5×10^6/liter

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

NA = not applicable
ND = not detected

[1]Not applicable as *vcrA* not detected.
[2]Inconclusive results may indicate extremely low concentrations of *vcrA* DNA at or below the sample specific quantitation limit (4×10^3/liter), however, test results were insufficient to assign a conclusive positive result for this sample.
[3]Correction factor applied to correct for non-specific PCR amplification products.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-1991

Customer Sample ID	MW-70-PMW04A-A10	MW-70-PMW04B-A10	MW-70-PMW05A-A10
SiREM Sample ID	DHC-6435/VCR-2035	DHC-6436/VCR-2036	DHC-6437/VCR-2037
Date Received	10-Sep-10	10-Sep-10	10-Sep-10
Sample Temperature	1 ˚C	1 ˚C	1 ˚C
Filtration Date	13-Sep-10	13-Sep-10	13-Sep-10
Volume Used for DNA Extraction	400 mL	200 mL	200 mL
DNA Extraction Date	14-Sep-10	14-Sep-10	14-Sep-10
DNA Concentration in Sample (extractable)	834 ng/L	870 ng/L	1359 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected
Dhc qPCR Date Analyzed	15-Sep-10	15-Sep-10	15-Sep-10
***vcrA* qPCR Analysis Date**	16-Sep-10	16-Sep-10	16-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed
Comments	- -	- -	- -

Notes:

Refer to Tables 3 for detailed results of controls.
mL = milliliters
°C = degrees Celsius
PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
ng/L = nanograms per liter
vcrA = vinyl chloride reductase
DNA = Deoxyribonucleic acid

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-1991

Customer Sample ID	MW-70-PMW05B-A10	IW-70-FSB108-A10	IW-70-FSB118-A10
SiREM Sample ID	DHC-6438/VCR-2038	DHC-6439/VCR-2039	DHC-6440/VCR-2040
Date Received	10-Sep-10	10-Sep-10	10-Sep-10
Sample Temperature	1 ˚C	1 ˚C	1 ˚C
Filtration Date	13-Sep-10	13-Sep-10	13-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	500 mL
DNA Extraction Date	14-Sep-10	14-Sep-10	14-Sep-10
DNA Concentration in Sample (extractable)	2142 ng/L	7309 ng/L	4699 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected
Dhc qPCR Date Analyzed	15-Sep-10	15-Sep-10	15-Sep-10
***vcrA* qPCR Analysis Date**	16-Sep-10	16-Sep-10	16-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed
Comments	- -	- -	- -

Notes:

Refer to Tables 3 for detailed results of controls.
mL = milliliters
°C = degrees Celsius
PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
ng/L = nanograms per liter
vcrA = vinyl chloride reductase
DNA = Deoxyribonucleic acid

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-1991

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	15-Sep-10	qPCR with KB-1 genomic DNA (CSLD-0300)	3.6×10^5	3.6×10^5	- -
Positive Control High Concentration	15-Sep-10	qPCR with KB-1 genomic DNA (CSHD-0300)	2.9×10^7	2.7×10^7	- -
DNA Extraction Blank	14-Sep-10	DNA extraction sterile water (FB-1262)	0	ND	- -
Negative Control	15-Sep-10	Tris Reagent Blank (TBD-0260)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-1991

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	16-Sep-10	qPCR with KB-1 genomic DNA (CSLV-0184)	5.8×10^5	5.4×10^5	- -
Positive Control High Concentration	16-Sep-10	qPCR with KB-1 genomic DNA (CSHV-0184)	5.1×10^7	4.1×10^7	- -
DNA Extraction Blank	15-Sep-10	DNA extraction sterile water (FB-1262)	0	ND	- -
Negative Control	16-Sep-10	Tris Reagent Blank (TBV-0155)	0	ND	- -

Notes:

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

№ 2902

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Page 1 of 1

Lab # S-1991

Project Name	NWS SEAL BEACH IR SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEECI.COM
Company	INSIGHT GEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714.679.6700
Fax #	714.678.6711
Sampler's Signature	
Sampler's Printed Name	CHASE BROGDON

Analysis

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc/VC	Gene-Trac VC	Gene-Trac Dhb	Other Information
MW-70-PMW04A-A10	9/7/10	1035	GW	1	X			
MW-70-PMW04B-A10	9/7/10	1150		1	X			
MW-70-PMW05A-A10	9/8/10	0900		1	X			
MW-70-PMW05B-A10	9/8/10	0938	GW	1	X			
IW-70-FSB106-A10	9/8/10	1032		1	X			
IW-70-FSB118-A10	9/8/10	1134	GW	1	X			
~~IW-70-SMB113-A10~~	~~9/9/10~~		~~GW~~	~~1~~	~~X~~			WELL NOT SAMPLED DISREGARD.

Cooler Condition:	Good
Cooler Temperature:	1°C
Custody Seals:	Yes ☐ No ☒

Billing Information
P.O. #
Bill To:

Turnaround Time Requested
Normal ☒
Rush ☐

For Lab Use Only
Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature J. Wilkinson	Signature	Signature	Signature	Signature
Printed Name CHASE BROGDON	Printed Name J. Wilkinson	Printed Name	Printed Name	Printed Name	Printed Name
Firm INSIGHT GEC, INC.	Firm SiREM	Firm	Firm	Firm	Firm
Date/Time 09/09/10 1435	Date/Time 9/10/10 1345	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SiREM
Site Recovery & Management
www.siremlab.com
130 Research Lane, Suite 2
Guelph, Ontario N1G 5G3
Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1998

Report Issued: 28-Sept-10

Data Files: iQ5-DHC-QPCR-0665
MyiQ-DHC-QPCR-0666
DHC-QPCR-Check-gel-0472, 0473
MyiQ-DB-DHC-QPCR-0134
DHC-UP-0641

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
MW-70-28-A10	DHC-6452	13-Sep-10	Groundwater	5-14%	2×10^8/liter
MW-70-27-A10	DHC-6453	13-Sep-10	Groundwater	11-28%	7×10^8/liter
MW-70-MNA09-A10	DHC-6454	13-Sep-10	Groundwater	NA(1)	ND(2)
IW-70-SHB113-A10	DHC-6455	15-Sep-10	Groundwater	2-7%	1×10^8/liter
MW-70-PMW09-A10	DHC-6456	15-Sep-10	Groundwater	NA(3)	Inconclusive(4)
MW-70-PMW10-A10	DHC-6457	15-Sep-10	Groundwater	0.00006-0.0002%	4×10^2/liter(5)
MW-70-PMW10-A10-D	DHC-6458	15-Sep-10	Groundwater	0.00007-0.0002%	5×10^2/liter(5)
MW-70-PMW12A-A10	DHC-6459	16-Sep-10	Groundwater	0.01-0.03%	4×10^4/liter
MW-70-PMW12B-A10	DHC-6460	16-Sep-10	Groundwater	0.02-0.05%	5×10^4/liter
MW-70-PMW12B-A10-D	DHC-6461	16-Sep-10	Groundwater	0.02-0.06%	7×10^4/liter
RD0-5-A10	DHC-6462	16-Sep-10	Groundwater	0.4-1%	1×10^6/liter
MW-70-MNA07-A10	DHC-6463	16-Sep-10	Groundwater	0.4-1%	1×10^6/liter
MW-70-MNA08-A10	DHC-6471	16-Sep-10	Groundwater	NA(1)	ND(2)

Analyst: Julie Pring
Julie Pring
Biotechnology Technologist

Approved: Ximena Druar
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable
ND = not detected

[1]Not applicable as *Dehalococcoides* not detected.
[2]Not detected. The sample specific quantitation limit was 4×10^3/liter.
[3]Not applicable as *Dehalococcoides* enumeration inconclusive.
[4]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA at or below the sample specific quantitation limit (4×10^3/liter), however, test results were insufficient to assign a conclusive positive result for this sample.
[5]*Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 4×10^3/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac *Dehalococcoides* Test Results.

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Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-1998

Report Issued: 28-Sept-10

Data Files: iQ5-VC-QPCR-0318
VC-QPCR-Check-gel-0340a
0340b
iQ5-DB-VC-QPCR-0093, 0094

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
MW-70-28-A10	VCR-2053	13-Sep-10	Groundwater	8-21%	3×10^8/liter
MW-70-27-A10	VCR-2054	13-Sep-10	Groundwater	5-13%	3×10^8/liter
IW-70-SHB113-A10	VCR-2056	15-Sep-10	Groundwater	2-5%	9×10^7/liter
MW-70-PMW09-A10	VCR-2057	15-Sep-10	Groundwater	NA(1)	ND(2)
MW-70-PMW10-A10	VCR-2058	15-Sep-10	Groundwater	NA(1)	ND(2)
MW-70-PMW10-A10-D	VCR-2059	15-Sep-10	Groundwater	NA(1)	ND(2)
MW-70-PMW12A-A10	VCR-2060	16-Sep-10	Groundwater	0.002-0.005%	7×10^3/liter
MW-70-PMW12B-A10	VCR-2061	16-Sep-10	Groundwater	0.03-0.08%	8×10^4/liter
MW-70-PMW12B-A10-D	VCR-2062	16-Sep-10	Groundwater	0.03-0.09%	1×10^5/liter
RD0-5-A10	VCR-2063	16-Sep-10	Groundwater	0.7-2%	2×10^6/liter
MW-70-MNA07-A10	VCR-2064	16-Sep-10	Groundwater	0.8-2%	2×10^6/liter

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

NA = not applicable
ND = not detected

[1]Not applicable as *vcrA* not detected.
[2]Not detected. The sample specific quantitation limit was 4×10^3/liter.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-1998

Customer Sample ID	MW-70-28-A10	MW-70-27-A10	MW-70-MNA09-A10	IW-70-SHB113-A10	MW-70-PMW09-A10
SiREM Sample ID	DHC-6452/VCR-2053	DHC-6453/VCR-2054	DHC-6454	DHC-6455/VCR-2056	DHC-6456/VCR-2057
Date Received	17-Sep-10	17-Sep-10	17-Sep-10	17-Sep-10	17-Sep-10
Sample Temperature	10 ˚C	10 ˚C	10 ˚C	10 ˚C	10 ˚C
Filtration Date	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10
Volume Used for DNA Extraction	400 mL	500 mL	500 mL	200 mL	500 mL
DNA Extraction Date	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10
DNA Concentration in Sample (extractable)	7716 ng/L	12215 ng/L	1170 ng/L	10444 ng/L	1188 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	23-Sep-10	23-Sep-10	23-Sep-10	23-Sep-10	23-Sep-10
***vcrA* qPCR Analysis Date**	24-Sep-10	24-Sep-10	NA	24-Sep-10	24-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed	Passed
Comments	- -	- -	Sample not tested for *vcrA* as sample was ND for Dhc.	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-1998

Customer Sample ID	MW-70-PMW10-A10	MW-70-PMW10-A10-D	MW-70-PMW12A-A10	MW-70-PMW12B-A10
SiREM Sample ID	DHC-6457/VCR-2058	DHC-6458/VCR-2059	DHC-6459/VCR-2060	DHC-6460/VCR-2061
Date Received	17-Sep-10	17-Sep-10	17-Sep-10	17-Sep-10
Sample Temperature	10 ˚C	10 ˚C	10 ˚C	10 ˚C
Filtration Date	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	500 mL	500 mL
DNA Extraction Date	20-Sep-10	20-Sep-10	21-Sep-10	21-Sep-10
DNA Concentration in Sample (extractable)	1379 ng/L	1379 ng/L	780 ng/L	584 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	23-Sep-10	23-Sep-10	23-Sep-10	23-Sep-10
***vcrA* qPCR Analysis Date**	24-Sep-10	24-Sep-10	24-Sep-10	24-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.3: Detailed Test Parameters, Gene-Trac Test Reference S-1998

Customer Sample ID	MW-70-PMW12B-A10-D	RD0-5-A10	MW-70-MNA07-A10	MW-70-MNA08-A10
SiREM Sample ID	DHC-6461/VCR-2062	DHC-6462/VCR-2063	DHC-6463/VCR-2064	DHC-6471
Date Received	17-Sep-10	17-Sep-10	17-Sep-10	17-Sep-10
Sample Temperature	10 ˚C	10 ˚C	10 ˚C	10 ˚C
Filtration Date	20-Sep-10	20-Sep-10	20-Sep-10	20-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	500 mL	500 mL
DNA Extraction Date	21-Sep-10	21-Sep-10	21-Sep-10	21-Sep-10
DNA Concentration in Sample (extractable)	698 ng/L	486 ng/L	599 ng/L	1103 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	23-Sep-10	23-Sep-10	23-Sep-10	24-Sep-10
***vcrA* qPCR Analysis Date**	24-Sep-10	24-Sep-10	24-Sep-10	NA
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	Sample not tested for *vcrA* as sample was ND for Dhc.

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-1998

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	23-Sep-10	qPCR with KB-1 genomic DNA (CSLD-0303)	3.6×10^5	2.6×10^5	- -
Positive Control High Concentration	23-Sep-10	qPCR with KB-1 genomic DNA (CSHD-0303)	2.9×10^7	2.2×10^7	- -
DNA Extraction Blank	22-Sep-10	DNA extraction sterile water (FB-1269)	0	ND	- -
Negative Control	23-Sep-10	Tris Reagent Blank (TBD-0263)	0	ND	- -
Positive Control Low Concentration	24-Sep-10	qPCR with KB-1 genomic DNA (CSLD-0304)	4.3×10^5	3.2×10^5	- -
Positive Control High Concentration	24-Sep-10	qPCR with KB-1 genomic DNA (CSHD-0304)	3.3×10^7	2.1×10^7	- -
DNA Extraction Blank	24-Sep-10	DNA extraction sterile water (FB-1270)	0	ND	- -
Negative Control	24-Sep-10	Tris Reagent Blank (TBD-0264)	0	Inconclusive	See Note 1

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

[1]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA.

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-1998

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	24-Sep-10	qPCR with KB-1 genomic DNA (CSLV-0186)	5.8×10^5	4.5×10^5	- -
Positive Control High Concentration	24-Sep-10	qPCR with KB-1 genomic DNA (CSHV-0186)	5.1×10^7	3.6×10^7	- -
DNA Extraction Blank	21-Sep-10	DNA extraction sterile water (FB-1269)	0	ND	- -
DNA Extraction Blank	23-Sep-10	DNA extraction sterile water (FB-1270)	0	Inconclusive	See Note 1
Negative Control	24-Sep-10	Tris Reagent Blank (TBV-0157)	0	ND	- -

Notes:

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

[1]Inconclusive results may indicate extremely low concentrations of *vcrA* DNA.

№ 2903

Chain-of-Custody Form

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Lab # S-1998

Project Name	NWS SEAL BEACH IR SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEEC.COM
Company	INSIGHT EEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714-678-6700
Fax #	714-678-6711
Sampler's Signature	
Sampler's Printed Name	ANDREW ESPINOZA

Analysis

Preservative: NP

Preservative Key: 0. None; 1. HCl; 2. Other ____; 3. Other ____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc/VCR	Gene-Trac VC	Gene-Trac Dhb	Other Information
MW-70-28-A10	9/13/10	0937	GW	1	X			
MW-70-27-A10	9/13/10	1010		1	X			
MW-70-MNA09-A10	9/13/10	1135		1	X			
IW-70-SHB113-A10	9/15/10	1041		1	X			
MW-70-PMW09-A10	9/15/10	1150		1	X			
MW-70-PMW10-A10	9/15/10	1235		1	X			
MW-70-PMW10-A10-D	9/15/10	1240		1	X			DUPLICATE
MW-70-PMW12A-A10	9/16/10	0935		1	X			
MW-70-PMW12B-A10	9/16/10	1045		1	X			
MW-70-PMW12B-A10-D	9/16/10	1052		1	X			DUPLICATE

Sample Receipt

Cooler Condition: GOOD

Cooler Temperature: 10°C

Custody Seals: Yes ☐ No ☒

Billing Information

P.O. #:

Bill To:

Turnaround Time Requested

Normal ☐

Rush ☐

For Lab Use Only

Proposal #: ____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: ANDREW ESPINOZA	Printed Name: Julie Prins	Printed Name	Printed Name	Printed Name	Printed Name
Firm: INSIGHT EEC, INC.	Firm: SIREM	Firm	Firm	Firm	Firm
Date/Time: 9/16/10-1621	Date/Time: 9.17.10 2:30	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

№ 2910

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www.siremlab.com

Lab # S-1998

Project Name	NWS SEAL BEACH IR SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEECI.COM
Company	INSIGHT EEC, INC
Address	310 E MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714-678-6700
Fax #	714-678-6711
Sampler's Signature	
Sampler's Printed Name	ANDREW ESPINOZA

Analysis

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Preservative	NP	Gene-Trac Dhc / VCR	Gene-Trac VC	Gene-Trac Dhb	Other Information
RDO-5-A10	9/16/10	1330	GW	1		X				
MW-70-MNA07-A10	9/16/10	1405	↓	1		X				
MW-70-MNA08-A10	9/16/10	1445	↓	1		X				

Sample Receipt		Billing Information	Turnaround Time Requested	For Lab Use Only
Cooler Condition:	GOOD	P.O. #	Normal ☐	
Cooler Temperature:	10°C	Bill To:	Rush ☐	
Custody Seals:	Yes ☐ No ☒			Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: ANDREW ESPINOZA	Printed Name: Julie Prins	Printed Name	Printed Name	Printed Name	Printed Name
Firm: INSIGHT EEC, INC.	Firm: SIREM	Firm	Firm	Firm	Firm
Date/Time: 9/16/10 - 1621	Date/Time: 9.17.10 2:30	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

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Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-2003

Report Issued: 1-Oct-10

Data Files: iQ5-DHC-QPCR-0667
DHC-QPCR-Check-gel-0474
iQ5-DB-DHC-QPCR-0135
DHC-UP-0642

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
IW-70-SSB109-A10	DHC-6472	20-Sep-10	Groundwater	0.03-0.08%	1×10^7/liter
MW-70-PMW14A-A10	DHC-6473	20-Sep-10	Groundwater	0.03-0.08%	3×10^5/liter
MW-70-MNA01-A10	DHC-6474	22-Sep-10	Groundwater	0.06-0.2%	3×10^5/liter
MW-70-MNA10-A10	DHC-6475	22-Sep-10	Groundwater	0.0003-0.0009%	3×10^3/liter(1)
MW-70-MNA12-A10	DHC-6476	22-Sep-10	Groundwater	NA(2)	ND(3,4)
MW-70-MNA14-A10	DHC-6477	22-Sep-10	Groundwater	NA(2)	ND(3,4)
MW-70-MNA15-A10	DHC-6478	23-Sep-10	Groundwater	NA(2)	ND(3,4)
IW-70-SHB217-A10	DHC-6479	23-Sep-10	Groundwater	NA(5)	Inconclusive(6)
MW-70-MNA16-A10	DHC-6480	23-Sep-10	Groundwater	0.4-1%	2×10^6/liter
MW-70-PMW14B-A10	DHC-6481	23-Sep-10	Groundwater	0.002-0.005%	2×10^4/liter
MW-70-PMW14B-A10-D	DHC-6482	23-Sep-10	Groundwater	0.001-0.004%	2×10^4/liter
MW-70-MNA17-A10	DHC-6483	23-Sep-10	Groundwater	NA(2)	ND(3,4)

Analys _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

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Fax (519) 822-3151

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B]Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable
ND = not detected

[1]*Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 4 x 10^3/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac *Dehalococcoides* Test Results.

[2]Not applicable as *Dehalococcoides* not detected.

[3]Not detected. The sample specific quantitation limit was 4 x 10^3/liter.

[4]Sample contained low concentrations of biomass based on low extracted DNA yield, or sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

[5]Not applicable as *Dehalococcoides* enumeration inconclusive.

[6]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA at or below the sample specific quantitation limit (4 x 10^3/liter), however, test results were insufficient to assign a conclusive positive result for this sample.

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Fax (519) 822-3151

Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-2003

Report Issued: 1-Oct-10

Data Files: MyiQ-VC-QPCR-0319
VC-QPCR-Check-gel-0341
MyiQ-DB-VC-QPCR-0095

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
IW-70-SSB109-A10	VCR-2072	20-Sep-10	Groundwater	0.03-0.1%	2×10^7/liter(1)
MW-70-PMW14A-A10	VCR-2073	20-Sep-10	Groundwater	NA(2)	ND(3)
MW-70-MNA01-A10	VCR-2074	22-Sep-10	Groundwater	0.04-0.1%	2×10^5/liter(1)
MW-70-MNA10-A10	VCR-2075	22-Sep-10	Groundwater	0.0004-0.001%	3×10^3/liter(4)
IW-70-SHB217-A10	VCR-2076	23-Sep-10	Groundwater	NA(5)	Inconclusive(6)
MW-70-MNA16-A10	VCR-2077	23-Sep-10	Groundwater	2-6%	1×10^7/liter(1)
MW-70-PMW14B-A10	VCR-2078	23-Sep-10	Groundwater	NA(5)	Inconclusive(6)
MW-70-PMW14B-A10-D	VCR-2079	23-Sep-10	Groundwater	NA(5)	Inconclusive(6)

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

NA = not applicable
ND = not detected

[1]Correction factor applied to correct for non-specific PCR amplification products.
[2]Not applicable as *vcrA* not detected.
[3]Not detected. The sample specific quantitation limit was 4×10^3/liter.
[4]*vcrA* DNA was detected, value is an estimated quantity below the sample specific quantitation limit of 4×10^3/liter.
[5]Not applicable as *vcrA* enumeration inconclusive.
[6]Inconclusive results may indicate extremely low concentrations of *vcrA* DNA at or below the sample specific quantitation limit (4×10^3/liter), however, test results were insufficient to assign a conclusive positive result for this sample.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-2003

Customer Sample ID	IW-70-SSB109-A10	MW-70-PMW14A-A10	MW-70-MNA01-A10	MW-70-MNA10-A10
SiREM Sample ID	DHC-6472/VCR-2072	DHC-6473/VCR-2073	DHC-6474/VCR-2074	DHC-6475/VCR-2075
Date Received	24-Sep-10	24-Sep-10	24-Sep-10	24-Sep-10
Sample Temperature	3 ˚C	3 ˚C	3 ˚C	3 ˚C
Filtration Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
Volume Used for DNA Extraction	100 mL	500 mL	500 mL	500 mL
DNA Extraction Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
DNA Concentration in Sample (extractable)	88245 ng/L	1946 ng/L	1197 ng/L	1649 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	28-Sep-10	28-Sep-10	28-Sep-10	28-Sep-10
***vcrA* qPCR Analysis Date**	29-Sep-10	29-Sep-10	29-Sep-10	29-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-2003

Customer Sample ID	MW-70-MNA12-A10	MW-70-MNA14-A10	MW-70-MNA15-A10	IW-70-SHB217-A10
SiREM Sample ID	DHC-6476	DHC-6477	DHC-6478	DHC-6479/VCR-2076
Date Received	24-Sep-10	24-Sep-10	24-Sep-10	24-Sep-10
Sample Temperature	3 ˚C	3 ˚C	3 ˚C	3 ˚C
Filtration Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	500 mL	500 mL
DNA Extraction Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
DNA Concentration in Sample (extractable)	2472 ng/L	1310 ng/L	966 ng/L	1451 ng/L
PCR Amplifiable DNA	ND	ND	ND	Detected
Dhc qPCR Date Analyzed	28-Sep-10	28-Sep-10	28-Sep-10	28-Sep-10
***vcrA* qPCR Analysis Date**	NA	NA	NA	29-Sep-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	Sample not tested for *vcrA* as sample was ND for Dhc.	Sample not tested for *vcrA* as sample was ND for Dhc.	Sample not tested for *vcrA* as sample was ND for Dhc.	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.3: Detailed Test Parameters, Gene-Trac Test Reference S-2003

Customer Sample ID	MW-70-MNA16-A10	MW-70-PMW14B-A10	MW-70-PMW14B-A10-D	MW-70-MNA17-A10
SiREM Sample ID	DHC-6480/VCR-2077	DHC-6481/VCR-2078	DHC-6482/VCR-2079	DHC-6483
Date Received	24-Sep-10	24-Sep-10	24-Sep-10	24-Sep-10
Sample Temperature	3 ˚C	3 ˚C	3 ˚C	3 ˚C
Filtration Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
Volume Used for DNA Extraction	500 mL	500 mL	500 mL	500 mL
DNA Extraction Date	27-Sep-10	27-Sep-10	27-Sep-10	27-Sep-10
DNA Concentration in Sample (extractable)	1155 ng/L	2150 ng/L	2330 ng/L	1265 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	ND
Dhc qPCR Date Analyzed	28-Sep-10	28-Sep-10	28-Sep-10	28-Sep-10
***vcrA* qPCR Analysis Date**	29-Sep-10	29-Sep-10	29-Sep-10	NA
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	Sample not tested for *vcrA* as sample was ND for Dhc.

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-2003

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	28-Sep-10	qPCR with KB-1 genomic DNA (CSLD-0305)	3.6×10^5	2.1×10^5	- -
Positive Control High Concentration	28-Sep-10	qPCR with KB-1 genomic DNA (CSHD-0305)	2.9×10^7	2.2×10^7	- -
DNA Extraction Blank	27-Sep-10	DNA extraction sterile water (FB-1273)	0	ND	- -
Negative Control	28-Sep-10	Tris Reagent Blank (TBD-0265)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-2003

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	29-Sep-10	qPCR with KB-1 genomic DNA (CSLV-0187)	4.6×10^5	5.1×10^5	- -
Positive Control High Concentration	29-Sep-10	qPCR with KB-1 genomic DNA (CSHV-0187)	3.4×10^7	3.4×10^7	- -
DNA Extraction Blank	29-Sep-10	DNA extraction sterile water (FB-1273)	0	ND	- -
Negative Control	29-Sep-10	Tris Reagent Blank (TBV-0158)	0	ND	- -

Notes:

NA = not applicable

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

№ 2897

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Lab # S-2003

Project Name	NWS SEAL BEACH INSITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEEC1.COM
Company	INSIGHT EEC INC
Address	3010 E. MIRALOMA AVE ANAHEIM, CA 92806
Phone #	714-678-6700
Fax #	714-678-6711
Sampler's Signature	
Sampler's Printed Name	CHASE BRADDON

Analysis

Preservative: NP

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc/VCA	Gene-Trac VC	Gene-Trac Dhb	Other Information
IW-70-SSB109-A10	9/20/10	1030	GW	1	X			
MW-70-PMW14A-A10	9/20/10	1140	GW	1	X			
MW-70-MNA01-A10	9/22/10	0844	GW	1	X			
MW-70-MNA10-A10	9/22/10	0942	GW	1	X			
MW-70-MNA12-A10	9/22/10	1056	GW	1	X			
MW-70-MNA14-A10	9/22/10	1344	GW	1	X			
MW-70-MNA15-A10	9/23/10	0920	GW	1	X			
IW-70-SHB217-A10	9/23/10	1024	GW	1	X			
MW-70-MNA16-A10	9/23/10	1058	GW	1	X			
MW-70-PMW14B-A10	9/23/10	1448	GW	1	X			

Sample Receipt
Cooler Condition: Good
Cooler Temperature: 3°C
Custody Seals: Yes ☒ No ☐

Billing Information
P.O. #
Bill To:

Turnaround Time Requested
Normal ☒
Rush ☐

For Lab Use Only
Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature J. Wilkinson	Signature	Signature	Signature	Signature
Printed Name CHASE BRADDON	Printed Name J. Wilkinson	Printed Name	Printed Name	Printed Name	Printed Name
Firm INSIGHT EEC INC	Firm SIREM	Firm	Firm	Firm	Firm
Date/Time 09/23/10 1525	Date/Time 9/24/10 13:45	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

№ 2909

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www.siremlab.com

Lab # S-2003

Project Name: NWS SEAL BEACH IRSIE70	Project #: 414114
Project Manager: NICK WEINBERGER	
Email Address: NWEINBERGER@IEECI.COM	
Company: INSIGHT EEC, INC	
Address: 3010 E. MIRALOMA AVE ANAHEIM, CA 92806	
Phone #: 714 678 6700	Fax #: 714 678 6711
Sampler's Signature:	Sampler's Printed Name: CHASE BROGDON

Analysis

Preservative: NP

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc/Vcl	Gene-Trac VC	Gene-Trac Dhb	Other Information
MW-70-PMW143-A10-D	9/23/10	1453	GW	1	X			DUPLICATE
MW-70-MNA17-A10	9/23/10	1335	GW	1	X			

Sample Receipt		Billing Information	Turnaround Time Requested	For Lab Use Only
Cooler Condition: Good		P.O. #	Normal ☒	
Cooler Temperature: 3°C		Bill To:	Rush ☐	
Custody Seals: Yes ☒	No ☐			Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature:	Signature: J. Wilkinson	Signature:	Signature:	Signature:	Signature:
Printed Name: CHASE BROGDON	Printed Name: J Wilkinson	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: INSIGHT EEC, INC	Firm: SiREM	Firm:	Firm:	Firm:	Firm:
Date/Time: 09/23/10 1525	Date/Time: 9/24/10 13:45	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

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130 Research Lane, Suite 2
Guelph, Ontario N1G 5G3
Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-2008

Report Issued: 18-Oct-10

Data Files: iQ5-DHC-QPCR-0670
DHC-QPCR-Check-gel-0477
iQ5-DB-DHC-QPCR-0139

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
IW-70-SAT50-P13	DHC-6499	28-Sep-10	Groundwater	1-3%	4×10^7/liter
IW-70-SAT35-P13	DHC-6500	29-Sep-10	Groundwater	8-21%	4×10^8/liter
IW-70-SAT36-P13	DHC-6501	29-Sep-10	Groundwater	0.02-0.07%	5×10^5/liter
IW-70-SAT46-P13	DHC-6502	29-Sep-10	Groundwater	0.5-1%	2×10^7/liter
IW-70-SAT31-P13	DHC-6503	29-Sep-10	Groundwater	0.08-0.2%	2×10^6/liter
IW-70-SAT16-P13	DHC-6504	29-Sep-10	Groundwater	0.00006-0.0002%	6×10^2/liter(1)
IW-70-SAT16-P13-D	DHC-6505	29-Sep-10	Groundwater	0.00006-0.0002%	6×10^2/liter(1)
IW-70-SAT45-P13	DHC-6506	29-Sep-10	Groundwater	0.3-1%	1×10^7/liter
IW-70-SAT03-P13	DHC-6507	30-Sep-10	Groundwater	0.0001-0.0003%	5×10^3/liter(2)

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B] Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

[1] *Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 7×10^3/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac Dehalococcoides Test Results.

[2] *Dehalococcoides* DNA detected below sample specific quantitation limit. The sample specific quantitation limit is 2×10^4/liter. Additional explanation provided in: Interpretation of Quantitative Gene-Trac Dehalococcoides Test Results.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

SiREM
Site Recovery & Management
www.siremlab.com
130 Research Lane, Suite 2
Guelph, Ontario N1G 5G3
Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Gene-Trac-VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Nick Weinberger, Insight EEC Inc.

Project: NWS Seal Beach IR Site 70

Customer Reference: 4-14114

SiREM Reference: S-2008

Report Issued: 15-Oct-10

Data Files: MyiQ-VC-QPCR-0321, 0323
VC-QPCR-Check-gel-0343, 0345
MyiQ-DB-VC-QPCR-0097

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* [A]	Vinyl Chloride Reductase (*vcrA*) Gene Copies
IW-70-SAT50-P13	VCR-2084	28-Sep-10	Groundwater	0.2-0.5%	5×10^6/liter
IW-70-SAT35-P13	VCR-2085	29-Sep-10	Groundwater	5-13%	3×10^8/liter
IW-70-SAT36-P13	VCR-2086	29-Sep-10	Groundwater	0.002-0.007%	4×10^4/liter(1)
IW-70-SAT46-P13	VCR-2087	29-Sep-10	Groundwater	0.3-0.9%	1×10^7/liter(1)
IW-70-SAT31-P13	VCR-2088	29-Sep-10	Groundwater	0.05-0.2%	2×10^6/liter(1)
IW-70-SAT16-P13	VCR-2093	29-Sep-10	Groundwater	0.0002-0.001%	2×10^3/liter(1,2)
IW-70-SAT16-P13-D	VCR-2094	29-Sep-10	Groundwater	0.0002-0.001%	2×10^3/liter(1,2)
IW-70-SAT45-P13	VCR-2091	29-Sep-10	Groundwater	0.5-1%	2×10^7/liter
IW-70-SAT03-P13	VCR-2092	30-Sep-10	Groundwater	NA(3)	ND(4)

Notes:

[A] Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

NA = not applicable
ND = not detected

[1]Correction factor applied to correct for non-specific PCR amplification products.
[2]*vcrA* DNA was detected, value is an estimated quantity below the sample specific quantitation limit of 7×10^3/liter.
[3]Not applicable as *vcrA* not detected.
[4] Not detected. The sample specific quantitation limit was 2×10^4/liter.

Analyst: _____
Julie Pring
Biotechnology Technologist

Approved: _____
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2.1: Detailed Test Parameters, Gene-Trac Test Reference S-2008

Customer Sample ID	IW-70-SAT50-P13	IW-70-SAT35-P13	IW-70-SAT36-P13	IW-70-SAT46-P13	IW-70-SAT31-P13
SiREM Sample ID	DHC-6499/VCR-2084	DHC-6500/VCR-2085	DHC-6501/VCR-2086	DHC-6502/VCR-2087	DHC-6503/VCR-2088
Date Received	1-Oct-10	1-Oct-10	1-Oct-10	1-Oct-10	1-Oct-10
Sample Temperature	11 ˚C	11 ˚C	11 ˚C	11 ˚C	11 ˚C
Filtration Date	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10
Volume Used for DNA Extraction	300 mL	300 mL	300 mL	300 mL	200 mL
DNA Extraction Date	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10
DNA Concentration in Sample (extractable)	6448 ng/L	11048 ng/L	3825 ng/L	7048 ng/L	6116 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	6-Oct-10	6-Oct-10	6-Oct-10	6-Oct-10	6-Oct-10
***vcrA* qPCR Analysis Date**	8-Oct-10	8-Oct-10	8-Oct-10	8-Oct-10	8-Oct-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 2.2: Detailed Test Parameters, Gene-Trac Test Reference S-2008

Customer Sample ID	IW-70-SAT16-P13	IW-70-SAT16-P13-D	IW-70-SAT45-P13	IW-70-SAT03-P13
SiREM Sample ID	DHC-6504/VCR-2093	DHC-6505/VCR-2094	DHC-6506/VCR-2091	DHC-6507/VCR-2092
Date Received	1-Oct-10	1-Oct-10	1-Oct-10	1-Oct-10
Sample Temperature	11 ˚C	11 ˚C	11 ˚C	11 ˚C
Filtration Date	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10
Volume Used for DNA Extraction	300 mL	300 mL	300 mL	100 mL
DNA Extraction Date	4-Oct-10	4-Oct-10	4-Oct-10	4-Oct-10
DNA Concentration in Sample (extractable)	2088 ng/L	1975 ng/L	7603 ng/L	9555 ng/L
PCR Amplifiable DNA	Detected	Detected	Detected	Detected
Dhc qPCR Date Analyzed	6-Oct-10	6-Oct-10	6-Oct-10	6-Oct-10
***vcrA* qPCR Analysis Date**	14-Oct-10	14-Oct-10	8-Oct-10	8-Oct-10
qPCR Controls (see Tables 3 & 4)	Passed	Passed	Passed	Passed
Comments	- -	- -	- -	- -

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
ND = not detected
°C = degrees Celsius

PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
vcrA = vinyl chloride reductase

ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 3: Gene-Trac-DHC Laboratory Controls, Gene-Trac Test Reference S-2008

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	6-Oct-10	qPCR with KB-1 genomic DNA (CSLD-0308)	3.6×10^5	3.1×10^5	- -
Positive Control High Concentration	6-Oct-10	qPCR with KB-1 genomic DNA (CSHD-0308)	2.9×10^7	3.0×10^7	- -
DNA Extraction Blank	5-Oct-10	DNA extraction sterile water (FB-1276)	0	ND	- -
Negative Control	6-Oct-10	Tris Reagent Blank (TBD-0268)	0	ND	- -

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

NA = not applicable

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

Table 4: Gene-Trac-VC Laboratory Controls, Gene-Trac Test Reference S-2008

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	8-Oct-10	qPCR with KB-1 genomic DNA (CSLV-0189)	4.6×10^5	5.6×10^5	- -
Positive Control High Concentration	8-Oct-10	qPCR with KB-1 genomic DNA (CSHV-0189)	3.4×10^7	4.5×10^7	- -
DNA Extraction Blank	8-Oct-10	DNA extraction sterile water (FB-1276)	0	ND	- -
Negative Control	8-Oct-10	Tris Reagent Blank (TBV-0160)	0	ND	- -
Positive Control Low Concentration	14-Oct-10	qPCR with KB-1 genomic DNA (CSLV-0191)	4.6×10^5	4.5×10^5	- -
Positive Control High Concentration	14-Oct-10	qPCR with KB-1 genomic DNA (CSHV-0191)	3.4×10^7	3.4×10^7	- -
Negative Control	14-Oct-10	Tris Reagent Blank (TBV-0162)	0	ND	- -

Notes:

NA = not applicable

ND = not detected

qPCR = quantitative PCR

DNA = Deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

vcrA = vinyl chloride reductase

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Page 1 of 1

Lab # S-2008

Project Name	NWS SEAL BEACH IN SITE 70
Project #	4-14114
Project Manager	NICK WEINBERGER
Email Address	NWEINBERGER@IEEC.COM
Company	INSIGHT GEC, INC
Address	3010 E. MIRALOMA AVE. ANAHEIM, CA 92806
Phone #	714 678 6700
Fax #	714 678 6701
Sampler's Signature	
Sampler's Printed Name	

Analysis

Preservative: NP

Preservative Key
0. None
1. HCl
2. Other
3. Other

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhy/VER	Gene-Trac VC	Gene-Trac Dhb	Other Information
IW-70-SAT 50-P13	9/28/10	1422	GW	1	X			
IW-70-SAT 35-P13	9/29/10	0837		1	X			
IW-70-SAT 36-P13	9/29/10	0909		1	X			
IW-70-SAT 46-P13		0940		1	X			
IW-70-SAT 31-P13		1015	GW	1	X			
IW-70-SAT 16-P13		1313		1	X			
IW-70-SAT 16-P13-D		1317		1	X			DUPLICATE
IW-70-SAT 45-P13	9/29/10	1351	GW	1	X			
IW-70-SAT 03-P13	9/30/10	0748	GW	1	X			

Sample Receipt

Cooler Condition: GOOD

Cooler Temperature: 11 °C

Custody Seals: Yes [X] No [ ]

Billing Information

P.O. #

Bill To:

Turnaround Time Requested

Normal [ ]

Rush [ ]

For Lab Use Only

Proposal #:

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: CHASE BRADSON	Printed Name: Julie Prins	Printed Name	Printed Name	Printed Name	Printed Name
Firm: INSIGHT EEC, INC	Firm: SiREM	Firm	Firm	Firm	Firm
Date/Time: 09/30/10 1400	Date/Time: Oct 1/10	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

APPENDIX D

LABORATORY DATA VALIDATION REPORTS

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3010 E. Miraloma
Anaheim, CA. 92806
ATTN: Mr. Nick Weinberger

August 16, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report and Excel qualification sheet for the fractions listed below. This SDG was received on August 5th, 2010.

LDC project # 23709:

SDG #	Fraction
10G020	Volatiles (EPA SW 846 Method 8260B) Methane, Ethane, Ethene (Method RSK-175) Wet Chemistry (EPA Method 300.0M and Standard Method 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Attachment III — Insight Database Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples

- Detection and Quantitation Limits
- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
30-Jun-2010	MW-70-PMW04A-P12	G020-01	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW04A-P12	G020-01	N	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW04A-P12	G020-01	N	GEN PREP	5310B	3
30-Jun-2010	MW-70-PMW04A-P12	G020-01	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW04A-P12DUP	G020-01D	DUP	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW04A-P12MS	G020-01M	MS	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW04A-P12	G020-01T	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW04A-P12	G020-01T	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW04B-P12	G020-02	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW04B-P12	G020-02	N	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW04B-P12	G020-02	N	GEN PREP	5310B	3
30-Jun-2010	MW-70-PMW04B-P12	G020-02	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW04B-P12	G020-02T	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW05A-P12	G020-03	N	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW05A-P12	G020-03	N	GEN PREP	5310B	3
30-Jun-2010	MW-70-PMW05A-P12	G020-03	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW05A-P12	G020-03R	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW05A-P12	G020-03T	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04	N	GEN PREP	300.0M	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04	N	GEN PREP	5310B	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04	N	GEN PREP	RSK175	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04T	N	5030B	8260B	3
30-Jun-2010	MW-70-PMW05B-P12	G020-04T	N	GEN PREP	RSK175	3
30-Jun-2010	IW-70-FSB108-P12	G020-05	N	5030B	8260B	3
30-Jun-2010	IW-70-FSB108-P12	G020-05	N	GEN PREP	300.0M	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
30-Jun-2010	IW-70-FSB108-P12	G020-05	N	GEN PREP	RSK175	3
30-Jun-2010	IW-70-FSB108-P12	G020-05T	N	5030B	8260B	3
30-Jun-2010	IW-70-FSB108-P12	G020-05T	N	GEN PREP	300.0M	3
30-Jun-2010	IW-70-FSB108-P12	G020-05T	N	GEN PREP	5310B	3
30-Jun-2010	IW-70-FSB108-P12	G020-05T	N	GEN PREP	RSK175	3
30-Jun-2010	IW-70-FSB118-P12	G020-06	N	GEN PREP	300.0M	3
30-Jun-2010	IW-70-FSB118-P12	G020-06	N	GEN PREP	5310B	3
30-Jun-2010	IW-70-FSB118-P12	G020-06	N	GEN PREP	RSK175	3
30-Jun-2010	IW-70-FSB118-P12	G020-06R	N	5030B	8260B	3
30-Jun-2010	IW-70-FSB118-P12	G020-06T	N	GEN PREP	RSK175	3
01-Jul-2010	TB-070110	G020-10	TB	5030B	8260B	3
01-Jul-2010	MW-70-PMW09-P12	G020-07	N	5030B	8260B	3
01-Jul-2010	MW-70-PMW09-P12	G020-07	N	GEN PREP	300.0M	3
01-Jul-2010	MW-70-PMW09-P12	G020-07	N	GEN PREP	5310B	3
01-Jul-2010	MW-70-PMW09-P12	G020-07	N	GEN PREP	RSK175	3
01-Jul-2010	MW-70-PMW09-P12	G020-07T	N	5030B	8260B	3
01-Jul-2010	IW-70-SHB113-P12	G020-08	N	GEN PREP	300.0M	3
01-Jul-2010	IW-70-SHB113-P12	G020-08	N	GEN PREP	RSK175	3
01-Jul-2010	IW-70-SHB113-P12	G020-08I	N	GEN PREP	300.0M	3
01-Jul-2010	IW-70-SHB113-P12	G020-08I	N	GEN PREP	RSK175	3
01-Jul-2010	IW-70-SHB113-P12	G020-08R	N	5030B	8260B	3
01-Jul-2010	IW-70-SHB113-P12	G020-08T	N	GEN PREP	300.0M	3
01-Jul-2010	IW-70-SHB113-P12	G020-08T	N	GEN PREP	5310B	3
01-Jul-2010	IW-70-SHB113-P12	G020-08T	N	GEN PREP	RSK175	3
01-Jul-2010	MW-70-PMW10-P12	G020-09	N	5030B	8260B	3
01-Jul-2010	MW-70-PMW10-P12	G020-09	N	GEN PREP	300.0M	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
01-Jul-2010	MW-70-PMW10-P12	G020-09	N	GEN PREP	5310B	3
01-Jul-2010	MW-70-PMW10-P12	G020-09	N	GEN PREP	RSK175	3
01-Jul-2010	MW-70-PMW10-P12	G020-09T	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Overall Qualified Results

Analytical Method	Field Sample ID	Matrix	Sample Type	Analyte	RL	Lab Result	Unc / Error	Overall Qualifier	Units	Reason Code
SDG: 10G020										
300.0M	MW-70-PMW05A-P12	AQ	N							
				ACETATE	1.00	0.610J		J	MG/L	
5310B	MW-70-PMW04B-P12	AQ	N							
				TOC	1.00	0.901J		J	MG/L	
5310B	MW-70-PMW09-P12	AQ	N							
				TOC	1.00	0.943J		J	MG/L	
8260B	IW-70-FSB108-P12	AQ	N							
				1,1-DICHLOROETHENE	0.50	0.41J		J	UG/L	
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
				BENZENE	1.0	0.23J		J	UG/L	
				CHLOROETHANE	2.0	1.2J		J	UG/L	
				ETHYLBENZENE	1.0	0.47J		J	UG/L	
				TRICHLOROETHENE	5.0	0.36J		J	UG/L	
8260B	IW-70-FSB118-P12	AQ	N							
				BENZENE	1.0	0.30J		J	UG/L	
				CHLOROETHANE	2.0	0.63J		J	UG/L	
				MTBE	1.0	1.0U		UJ	UG/L	
				TRICHLOROETHENE	5.0	1.1J		J	UG/L	
8260B	IW-70-SHB113-P12	AQ	N							
				2-BUTANONE	10	9.6J		J	UG/L	
				CHLOROETHANE	2.0	1.2J		J	UG/L	
				CIS-1,2-DICHLOROETHENE	1.0	0.66J		J	UG/L	
				MTBE	1.0	1.0U		UJ	UG/L	
				TOLUENE	1.0	0.21J		J	UG/L	
				TRICHLOROETHENE	5.0	0.52J		J	UG/L	
8260B	MW-70-PMW04A-P12	AQ	N							
				1,1-DICHLOROETHANE	1.0	0.41J		J	UG/L	
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
8260B	MW-70-PMW04B-P12	AQ	N							
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	

N = Normal Sample *TB = Trip Blank*
FD = Field Duplicate *FB = Field Blank*

Overall Qualified Results

Analytical Method	Field Sample ID	Matrix	Sample Type	Analyte	RL	Lab Result	Unc / Error	Overall Qualifier	Units	Reason Code
SDG: 10G020										
8260B	MW-70-PMW05A-P12	AQ	N							
				CARBON DISULFIDE	1.0	0.32J		J	UG/L	
				CHLOROETHANE	2.0	0.20J		J	UG/L	
				MTBE	1.0	1.0U		UJ	UG/L	
				TRICHLOROETHENE	5.0	0.27J		J	UG/L	
8260B	MW-70-PMW05B-P12	AQ	N							
				1,1-DICHLOROETHANE	1.0	0.29J		J	UG/L	
				1,1-DICHLOROETHENE	0.50	0.21J		J	UG/L	
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
				ACETONE	10	6.4J		J	UG/L	
				TRICHLOROETHENE	5.0	0.53J		J	UG/L	
8260B	MW-70-PMW09-P12	AQ	N							
				1,1-DICHLOROETHANE	1.0	0.85J		J	UG/L	
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
				CARBON DISULFIDE	1.0	0.50J		J	UG/L	
8260B	MW-70-PMW10-P12	AQ	N							
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
				CARBON DISULFIDE	1.0	0.58J		J	UG/L	
8260B	TB-070110	AQ	TB							
				4-CHLOROTOLUENE	1.0	1.0U		UJ	UG/L	
				METHYLENE CHLORIDE	1.0	0.57J		J	UG/L	
RSK175	IW-70-FSB108-P12	AQ	N							
				ETHANE	2.0	1.4J		J	UG/L	
				ETHENE	2.0	1.3J		J	UG/L	
RSK175	IW-70-SHB113-P12	AQ	N							
				ETHANE	2.0	1.3J		J	UG/L	
RSK175	MW-70-PMW04B-P12	AQ	N							
				ETHENE	2.0	1.6J		J	UG/L	
RSK175	MW-70-PMW09-P12	AQ	N							
				ETHENE	2.0	1.5J		J	UG/L	

N = Normal Sample *TB = Trip Blank*
FD = Field Duplicate *FB = Field Blank*

Overall Qualified Results

Analytical Method	Field Sample ID	Matrix	Sample Type	Analyte	RL	Lab Result	Unc / Error	Overall Qualifier	Units	Reason Code
SDG: 10G020										
RSK175	MW-70-PMW10-P12	AQ	N							
				ETHANE	2.0	0.79J		J	UG/L	
				ETHENE	2.0	1.4J		J	UG/L	

N = Normal Sample *TB = Trip Blank*
FD = Field Duplicate *FB = Field Blank*

Attachment III

Insight Database Qualification Summary

Insight

Reason for Qualified Results

SDG Nos. : 10G020

Sample Del Group (SDG)	Sample ID	Test Method	CAS No.	Detected Qualifier	Non Detected Qualifier	Analyte Name	Reason
10G020	IW-70-FSB108-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	IW-70-FSB118-P12	8260B	1634044		J	MTBE	Continuing calibration percent difference
10G020	IW-70-SHB113-P12	8260B	1634044		J	MTBE	Continuing calibration percent difference
10G020	MW-70-PMW04A-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	MW-70-PMW04B-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	MW-70-PMW05A-P12	8260B	1634044		J	MTBE	Continuing calibration percent difference
10G020	MW-70-PMW05B-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	MW-70-PMW09-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	MW-70-PMW10-P12	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference
10G020	TB-070110	8260B	106434		J	4-CHLOROTOLUENE	Continuing calibration percent difference

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10G020

Reporting Limits Outlier Report (detected results reported below the reporting limit)

Lab Report Batch: 10G020 **Lab ID:** EMXT

Client Sample ID	Lab Sample ID	Analysis Method	Matrix	Analyte Name	Lab Qualifier	Result	EDD Reporting Limit	Units
IW-70-FSB108-P12	G020-05	8260B	AQ	1,1-DICHLOROETHENE	J	0.41	0.50	UG/L
	G020-05T			ACETONE	J	330	500	UG/L
	G020-05			BENZENE	J	0.23	1.0	UG/L
	G020-05T			CARBON DISULFIDE	J	24	50	UG/L
	G020-05			CHLOROETHANE	J	1.2	2.0	UG/L
				ETHYLBENZENE	J	0.47	1.0	UG/L
				TRICHLOROETHENE	J	0.36	5.0	UG/L
		RSK175		ETHANE	J	1.4	2.0	UG/L
				ETHENE	J	1.3	2.0	UG/L
IW-70-FSB118-P12	G020-06R	8260B		BENZENE	J	0.30	1.0	UG/L
				CHLOROETHANE	J	0.63	2.0	UG/L
				TRICHLOROETHENE	J	1.1	5.0	UG/L
IW-70-SHB113-P12	G020-08R			2-BUTANONE	J	9.6	10	UG/L
				CHLOROETHANE	J	1.2	2.0	UG/L
				CIS-1,2-DICHLOROETHENE	J	0.66	1.0	UG/L
				TOLUENE	J	0.21	1.0	UG/L
				TRICHLOROETHENE	J	0.52	5.0	UG/L
	G020-08	RSK175		ETHANE	J	1.3	2.0	UG/L
MW-70-PMW04A-P12	G020-01	8260B		1,1-DICHLOROETHANE	J	0.41	1.0	UG/L
	G020-01T			VINYL CHLORIDE	J	11	25	UG/L
MW-70-PMW04B-P12	G020-02	5310B		TOC	J	0.901	1.00	MG/L
	G020-02T	8260B		TRICHLOROETHENE	J	52	500	UG/L
	G020-02	RSK175		ETHENE	J	1.6	2.0	UG/L
MW-70-PMW05A-P12	G020-03	300.0M		ACETATE	J	0.610	1.00	MG/L
	G020-03R	8260B		CARBON DISULFIDE	J	0.32	1.0	UG/L
				CHLOROETHANE	J	0.20	2.0	UG/L
				TRICHLOROETHENE	J	0.27	5.0	UG/L
MW-70-PMW05B-P12	G020-04			1,1-DICHLOROETHANE	J	0.29	1.0	UG/L
				1,1-DICHLOROETHENE	J	0.21	0.50	UG/L
				ACETONE	J	6.4	10	UG/L
	G020-04T			TRANS-1,2-DICHLOROETHENE	J	3.0	10	UG/L
	G020-04			TRICHLOROETHENE	J	0.53	5.0	UG/L
MW-70-PMW09-P12	G020-07	5310B		TOC	J	0.943	1.00	MG/L
		8260B		1,1-DICHLOROETHANE	J	0.85	1.0	UG/L
				CARBON DISULFIDE	J	0.50	1.0	UG/L
		RSK175		ETHENE	J	1.5	2.0	UG/L

Reporting Limits Outlier Report (detected results reported below the reporting limit)

Lab Report Batch: 10G020 **Lab ID:** EMXT

Client Sample ID	Lab Sample ID	Analysis Method	Matrix	Analyte Name	Lab Qualifier	Result	EDD Reporting Limit	Units
MW-70-PMW10-P12	G020-09	8260B	AQ	CARBON DISULFIDE	J	0.58	1.0	UG/L
		RSK175		ETHANE	J	0.79	2.0	UG/L
				ETHENE	J	1.4	2.0	UG/L
TB-070110	G020-10	8260B		METHYLENE CHLORIDE	J	0.57	1.0	UG/L

LDC #: 23709A1

SDG #: 10G020

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 8/11/12

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 6/30 → 7/1/10
II	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 30%
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25%
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A ~~N~~	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	A	TB = 15

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

all work

1	MW-70-PMW04A-P12	11	MW-70-PMW09-P12DL	21	MB44 1	31	
2	MW-70-PMW04A-P12DL	12	IW-70-SHB113-P12	22	2	32	
3	MW-70-PMW04B-P12	13	MW-70-PMW10-P12	23	5	33	
4	MW-70-PMW04B-P12DL	14	MW-70-PMW10-P12DL	24		34	
5	MW-70-PMW05A-P12	15	TB-070110	25		35	
6	MW-70-PMW05B-P12	16	#6 DL	26		36	
7	IW-70-FSB108-P12	17	#7 DL	27		37	
8	IW-70-FSB118-P12	18		28		38	
9	MW-70-PMW09-P12	19		29		39	
10	~~MW-70-PMW09-P12~~	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC. 1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 23709A1
SDG #: 160012

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and >0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
	7/6/10	RGW064	BBR	34.4		1.3.6.7.9.12.15. MBLK1	J / UJ / A
	7/7/10	RGW097	LL	30.0		5.8.12.16-17. MBLK2	↓
	7/8/10	KGW118	BBR	26.9		2.4.11.14. MBLK3	↓

CONCAL.1SB

LDC #: 23709A1
SDG #: 106010

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

(Y) N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1, 3, 9	222 > calib range		J all/A
		6	< > calib range		
		7	222, < > calib range		
		13	222, ???, 5 > calib range		

Comments: See sample calculation verification worksheet for recalculations

COMQUA.1S

LDC #: 23709A1
SDG #: 106040

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1, 3, 9	QQQ > calib range		R/A
		2, 4, 12	all except QQQ - diluted		
		6	e > calib range		
		16	all except e - diluted		
		7	QQQ, e > calib range		
		17	all except [illegible] - diluted		
		13	QQQ, PPP, S > calib range		
		14	all except QQQ, PPP, S - diluted		

Comments:

OVR.1S

LDC #: 23709A6 **VALIDATION COMPLETENESS WORKSHEET**

SDG #: 10G020 ADR

Laboratory: EMAX Laboratories, Inc.

Date: 8/6/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: (Analyte) TOC (SM5310B), Organic Acids(EPA Method 300)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 6/30/10 - 7/1/10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N A	
V	Duplicates	N A	
VI.	Laboratory control samples	N A	LCS/LCSD
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	—	
X	Field blanks	—	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: A2

1	MW-70-PMW04A-P12	11	MW-70-PMW04A-P12DUP	21	MS	31	
2	MW-70-PMW04B-P12	12		22		32	
3	MW-70-PMW05A-P12	13		23		33	
4	MW-70-PMW05B-P12	14		24		34	
5	IW-70-FSB108-P12	15		25		35	
6	IW-70-FSB118-P12	16		26		36	
7	MW-70-PMW09-P12	17		27		37	
8	IW-70-SHB113-P12	18		28		38	
9	MW-70-PMW10-P12	19		29		39	
10	MW-70-PMW04A-P12MS	20		30		40	

Notes:

LDC #: 23709A6
SDG #: —

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: MM
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Parameter																
1-9	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}	organic acid		
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
m(0,1)	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}	organic acid		
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			
	pH	TDS	Cl	F	NO_3	NO_2	SO_4	PO_4	ALK	CN^-	NH_3	TKN	TOC	CR^{6+}			

Comments:

LDC #: 23709A51 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/11/10

SDG #: 10G020 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 6/30 → 7/1/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	SW N	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW N	
IX.	Field duplicates	N	
X.	Field blanks	L	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW04A-P12	11	IW-70-FSB118-P12DL	21	MBLK1	31	
2	MW-70-PMW04A-P12DL	12	MW-70-PMW09-P12	22	MBLK2	32	
3	MW-70-PMW04B-P12	13	IW-70-SHB113-P12	23		33	
4	MW-70-PMW05A-P12	14	IW-70-SHB113-P12DL1	24		34	
5	MW-70-PMW05A-P12DL	15	MW-70-PMW10-P12	25		35	
6	MW-70-PMW05B-P12	16	#15 DL2	26		36	
7	MW-70-PMW05B-P12DL	17		27		37	
8	IW-70-FSB108-P12	18		28		38	
9	IW-70-FSB108-P12DL	19		29		39	
10	IW-70-FSB118-P12	20		30		40	

Notes:

LDC #: 25709A5
SDG #: [illegible]

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: ✓ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1. 4. 6. 8. 10. 14	Methane > calib range		J det/A
		13	Ethane, Methane >	calib range	L

Comments: See sample calculation verification worksheet for recalculations

LDC #: 23209A51
SDG #: Sm Cm

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: ✓ GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1.4.6.8.10	Methane > calib range		R/A
		2.5.7.9.11.16	Ethane, Ethene - diluted		↓
		15	Methane, Ethane > calib range		↓
		14	Methane, Ethane		↓

Comments: _____

V:\Validation Worksheets\GC\OVR.GC

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3020 E. Miraloma
Anaheim, CA 92806
ATTN: Mr. Nick Weinberger

October 14, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report for the fractions listed below. These SDGs were received on October 5th, 2010.

LDC project# 24071:

SDG #	Fraction
10H661, 10I018 10I019, 10I043, 10I066, 10I075	Volatiles (EPA SW 846 Method 8260B) Dissolved Metals (EPA SW 846 Method 6010B) Dissolved Gases (Method RSK-175) Wet Chemistry (EPA Method 300.0, 300.0M, Standard Method 2320B, 2540C, 4500F, and 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Detection and Quantitation Limits

- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
30-Aug-2010	TB-08/30/10	H661-07	TB	5030B	8260B	3
30-Aug-2010	IW-70-SAB11-P13	H661-01	N	5030B	8260B	3
30-Aug-2010	IW-70-SAB11-P13	H661-01	N	GEN PREP	300.0M	3
30-Aug-2010	IW-70-SAB11-P13	H661-01	N	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SAB11-P13	H661-01T	N	GEN PREP	5310B	3
30-Aug-2010	IW-70-SAB11-P13	H661-01T	N	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SAB11-P13-D	H661-02	FD	5030B	8260B	3
30-Aug-2010	IW-70-SAB11-P13-D	H661-02	FD	GEN PREP	300.0M	3
30-Aug-2010	IW-70-SAB11-P13-D	H661-02	FD	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SAB11-P13-D	H661-02T	FD	GEN PREP	5310B	3
30-Aug-2010	IW-70-SAB11-P13-D	H661-02T	FD	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SAB03-P13	H661-03	N	5030B	8260B	3
30-Aug-2010	IW-70-SAB03-P13	H661-03	N	GEN PREP	300.0M	3
30-Aug-2010	IW-70-SAB03-P13	H661-03	N	GEN PREP	5310B	3
30-Aug-2010	IW-70-SAB03-P13	H661-03	N	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SAB03-P13	H661-03T	N	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SSB119-P13	H661-04	N	5030B	8260B	3
30-Aug-2010	IW-70-SSB119-P13	H661-04	N	GEN PREP	300.0M	3
30-Aug-2010	IW-70-SSB119-P13	H661-04	N	GEN PREP	5310B	3
30-Aug-2010	IW-70-SSB119-P13	H661-04	N	GEN PREP	RSK175	3
30-Aug-2010	IW-70-SSB119-P13	H661-04T	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB319-P13	H661-05	N	GEN PREP	300.0M	3
31-Aug-2010	IW-70-SHB319-P13	H661-05	N	GEN PREP	5310B	3
31-Aug-2010	IW-70-SHB319-P13	H661-05	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB319-P13MS	H661-05M	MS	5030B	8260B	3
31-Aug-2010	IW-70-SHB319-P13MS	H661-05M	MS	GEN PREP	300.0M	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
31-Aug-2010	IW-70-SHB319-P13MS	H661-05M	MS	GEN PREP	5310B	3
31-Aug-2010	IW-70-SHB319-P13MS	H661-05M	MS	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB319-P13	H661-05R	N	5030B	8260B	3
31-Aug-2010	IW-70-SHB319-P13MSD	H661-05S	MSD	5030B	8260B	3
31-Aug-2010	IW-70-SHB319-P13MSD	H661-05S	MSD	GEN PREP	300.0M	3
31-Aug-2010	IW-70-SHB319-P13MSD	H661-05S	MSD	GEN PREP	5310B	3
31-Aug-2010	IW-70-SHB319-P13MSD	H661-05S	MSD	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB319-P13	H661-05T	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	5030B	8260B	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	GEN PREP	2320B	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	GEN PREP	2540C	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	GEN PREP	300.0	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	GEN PREP	300.0M	3
31-Aug-2010	IW-70-SHB310-A10	H661-08	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB310-A10	H661-08T	N	5030B	8260B	3
31-Aug-2010	IW-70-SHB310-A10	H661-08T	N	GEN PREP	5310B	3
31-Aug-2010	IW-70-SHB310-A10	H661-08T	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB311-P13	H661-06	N	5030B	8260B	3
31-Aug-2010	IW-70-SHB311-P13	H661-06	N	GEN PREP	300.0M	3
31-Aug-2010	IW-70-SHB311-P13	H661-06	N	GEN PREP	5310B	3
31-Aug-2010	IW-70-SHB311-P13	H661-06	N	GEN PREP	RSK175	3
31-Aug-2010	IW-70-SHB311-P13	H661-06T	N	GEN PREP	RSK175	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	2320B	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	2540C	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	300.0	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	300.0M	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	4500F	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	5310B	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09	N	GEN PREP	RSK175	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09R	N	5030B	8260B	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09T	N	3010A	6010B	3
31-Aug-2010	MW-70-PMW07A-A10	H661-09T	N	GEN PREP	RSK175	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	3010A	6010B	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	5030B	8260B	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	2320B	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	2540C	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	300.0	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	300.0M	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	4500F	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	5310B	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10	N	GEN PREP	RSK175	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10T	N	5030B	8260B	3
31-Aug-2010	MW-70-PMW07B-A10	H661-10T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 | Laboratory: EMXT

EDD Filename: Prep10H661 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM

Method: 2320B | **Matrix:** AQ

Sample ID: IW-70-SHB310-A10 | *Collected:* 8/31/2010 9:30:00 | *Analysis Type:* RES | *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Total Alkalinity	754	1.00	5.00	MG/L		J	Lcs

Sample ID: MW-70-PMW07A-A10 | *Collected:* 8/31/2010 12:50:00 | *Analysis Type:* RES | *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Total Alkalinity	778	1.00	5.00	MG/L		J	Lcs

Sample ID: MW-70-PMW07B-A10 | *Collected:* 8/31/2010 1:30:00 | *Analysis Type:* RES | *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Total Alkalinity	244	1.00	5.00	MG/L		J	Lcs

Method Category: GENCHEM

Method: 300.0 | **Matrix:** AQ

Sample ID: MW-70-PMW07A-A10 | *Collected:* 8/31/2010 12:50:00 | *Analysis Type:* DL1 | *Dilution:* 2

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
NITRATE-N	0.206	0.100	0.400	MG/L	J	J	RI

Method Category: GENCHEM

Method: 300.0M | **Matrix:** AQ

Sample ID: IW-70-SAB03-P13 | *Collected:* 8/30/2010 1:45:00 | *Analysis Type:* RES | *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Acetate	0.760	0.500	1.00	MG/L	J	J	RI

Sample ID: IW-70-SHB319-P13 | *Collected:* 8/31/2010 8:20:00 | *Analysis Type:* RES | *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Acetate	0.580	0.500	1.00	MG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

Method Category: **SVOA**

Method: **RSK175** ***Matrix:*** **AQ**

Sample ID: **IW-70-SHB310-A10** ***Collected:*** **8/31/2010 9:30:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.7	0.60	2.0	UG/L	J	J	RI

Sample ID: **IW-70-SHB311-P13** ***Collected:*** **8/31/2010 10:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.70	0.60	2.0	UG/L	J	J	RI

Sample ID: **IW-70-SHB319-P13** ***Collected:*** **8/31/2010 8:20:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	2.0	0.60	2.0	UG/L	U	UJ	Ms
ETHENE	0.92	0.60	2.0	UG/L	J	J	RI

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SAB03-P13** ***Collected:*** **8/30/2010 1:45:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.58	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.56	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.26	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.26	0.20	5.0	UG/L	J	J	RI

Sample ID: **IW-70-SAB11-P13** ***Collected:*** **8/30/2010 12:05:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
4-METHYL-2-PENTANONE	8.2	5.0	10	UG/L	J	J	RI
CHLOROETHANE	0.32	0.20	2.0	UG/L	J	J	RI
ETHYLBENZENE	0.20	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.24	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.36	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SAB11-P13-D** ***Collected:*** **8/30/2010 12:10:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
4-METHYL-2-PENTANONE	7.8	5.0	10	UG/L	J	J	RI
CHLOROETHANE	0.30	0.20	2.0	UG/L	J	J	RI
ETHYLBENZENE	0.20	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.24	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.39	0.20	5.0	UG/L	J	J	RI

Sample ID: **IW-70-SHB310-A10** ***Collected:*** **8/31/2010 9:30:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.31	0.20	1.0	UG/L	J	J	RI
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.73	0.50	1.0	UG/L	J	U	Tb
TOLUENE	0.36	0.20	1.0	UG/L	J	J	RI

Sample ID: **IW-70-SHB311-P13** ***Collected:*** **8/31/2010 10:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
ACETONE	9.9	5.0	10	UG/L	J	J	RI
CHLOROETHANE	0.45	0.20	2.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.96	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.96	0.20	1.0	UG/L	J	J	RI

Sample ID: **IW-70-SHB319-P13** ***Collected:*** **8/31/2010 8:20:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CHLOROETHANE	0.21	0.20	2.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.60	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.21	0.20	5.0	UG/L	J	J	RI

Sample ID: **IW-70-SSB119-P13** ***Collected:*** **8/30/2010 2:55:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
ACETONE	7.4	5.0	10	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SSB119-P13** ***Collected:*** **8/30/2010 2:55:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CHLOROETHANE	0.35	0.20	2.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.69	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.78	0.20	5.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW07A-A10** ***Collected:*** **8/31/2010 12:50:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TOLUENE	0.22	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	4.9	0.20	5.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW07B-A10** ***Collected:*** **8/31/2010 1:30:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.64	0.20	1.0	UG/L	J	J	RI
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
ACETONE	9.0	5.0	10	UG/L	J	J	RI

Sample ID: **TB-08/30/10** ***Collected:*** **8/30/2010 7:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2,2-DICHLOROPROPANE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.68	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Catibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10H661

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: 10H661 **eQAPP Name: SealBeach_IRSite70**

Method: **RSK175**

Matrix: **AQ**

QC Sample ID (Associated Samples)	*Compound*	*MS %R*	*MSD %R*	*%R Limits*	*RPD (Limits)*	*Affected Compounds*	*Flag*
IW-70-SHB319 -P13MS **IW-70-SHB319 -P13MSD** (IW-70-SHB319 -P13)	METHANE	-57	-11	10.00-160.00	-	METHANE	No Qual. >4x
IW-70-SHB319 -P13MS **IW-70-SHB319 -P13MSD** (IW-70-SHB319 -P13)	ETHANE	37	38	60.00-140.00	-	ETHANE	J(all detects) UJ(all non-detects)

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: 10H661 **eQAPP Name: SealBeach_IRSite70**

Method: **2320B**

Matrix: **AQ**

QC Sample ID (Associated Samples)	*Compound*	*LCS %R*	*LCSD %R*	*%R Limits*	*RPD (Limits)*	*Affected Compounds*	*Flag*
ALI005WC **ALI005WL** (IW-70-SHB310-A10 MW-70-PMW07A-A10 MW-70-PMW07B-A10)	Total Alkalinity	159	159	80.00-120.00	-	Total Alkalinity	J (all detects)

Trip Blank Outlier Report

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: 10H661 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**
Matrix: **AQ**

Trip Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
TB-08/30/10(RES)	8/30/2010 7:00:00 AM	METHYLENE CHLORIDE	0.66 UG/L	IW-70-SAB03-P13 IW-70-SAB11-P13 IW-70-SAB11-P13-D IW-70-SHB310-A10 IW-70-SHB311-P13 IW-70-SHB319-P13 IW-70-SSB119-P13 MW-70-PMW07A-A10 MW-70-PMW07B-A10

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
IW-70-SHB310-A10(RES)	METHYLENE CHLORIDE	0.73 UG/L	1.0U UG/L

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Reporting Limit Outliers

Lab Reporting Batch ID: 10H661 | **Laboratory: EMXT**

EDD Filename: 10H661 | **eQAPP Name: SealBeach_IRSite70**

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW07A-A10	NITRATE-N	J	0.206	0.400	MG/L	J (all detects)

Method: 300.0M

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAB03-P13	Acetate	J	0.760	1.00	MG/L	J (all detects)
IW-70-SHB319-P13	Acetate	J	0.580	1.00	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAB03-P13	CARBON DISULFIDE	J	0.58	1.0	UG/L	J (all detects)
	TOLUENE	J	0.56	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	0.26	1.0	UG/L	
	TRICHLOROETHENE	J	0.26	5.0	UG/L	
IW-70-SAB11-P13	4-METHYL-2-PENTANONE	J	8.2	10	UG/L	J (all detects)
	CHLOROETHANE	J	0.32	2.0	UG/L	
	ETHYLBENZENE	J	0.20	1.0	UG/L	
	TOLUENE	J	0.24	1.0	UG/L	
	TRICHLOROETHENE	J	0.36	5.0	UG/L	
IW-70-SAB11-P13-D	4-METHYL-2-PENTANONE	J	7.8	10	UG/L	J (all detects)
	CHLOROETHANE	J	0.30	2.0	UG/L	
	ETHYLBENZENE	J	0.20	1.0	UG/L	
	TOLUENE	J	0.24	1.0	UG/L	
	TRICHLOROETHENE	J	0.39	5.0	UG/L	
IW-70-SHB310-A10	1,1-DICHLOROETHANE	J	0.31	1.0	UG/L	J (all detects)
	TOLUENE	J	0.36	1.0	UG/L	
IW-70-SHB311-P13	ACETONE	J	9.9	10	UG/L	J (all detects)
	CHLOROETHANE	J	0.45	2.0	UG/L	
	CIS-1,2-DICHLOROETHENE	J	0.96	1.0	UG/L	
	TOLUENE	J	0.96	1.0	UG/L	
IW-70-SHB319-P13	CHLOROETHANE	J	0.21	2.0	UG/L	J (all detects)
	CIS-1,2-DICHLOROETHENE	J	0.60	1.0	UG/L	
	TRICHLOROETHENE	J	0.21	5.0	UG/L	
IW-70-SSB119-P13	ACETONE	J	7.4	10	UG/L	J (all detects)
	CHLOROETHANE	J	0.35	2.0	UG/L	
	CIS-1,2-DICHLOROETHENE	J	0.69	1.0	UG/L	
	TRICHLOROETHENE	J	0.78	5.0	UG/L	
MW-70-PMW07A-A10	TOLUENE	J	0.22	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	4.9	5.0	UG/L	
MW-70-PMW07B-A10	1,1-DICHLOROETHANE	J	0.64	1.0	UG/L	J (all detects)
	ACETONE	J	9.0	10	UG/L	
TB-08/30/10	METHYLENE CHLORIDE	J	0.68	1.0	UG/L	J (all detects)

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Reporting Limit Outliers

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: 10H661 **eQAPP Name: SealBeach_IRSite70**

Method: **RSK175**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
IW-70-SHB310-A10	ETHANE	J	1.7	2.0	UG/L	J (all detects)
IW-70-SHB311-P13	ETHENE	J	0.70	2.0	UG/L	J (all detects)
IW-70-SHB319-P13	ETHENE	J	0.92	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10H661 **Laboratory: EMXT**

EDD Filename: Prep10H661 **eQAPP Name: SealBeach_IRSite70**

Method: 300.0M
Matrix: AQ

Analyte	Concentration (MG/L) IW-70-SAB11-P13	Concentration (MG/L) IW-70-SAB11-P13-D	Sample RPD	eQAPP RPD	Flag
Acetate	3.70	2.97	22	20.00	No Qualifiers Applied

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) IW-70-SAB11-P13	Concentration (MG/L) IW-70-SAB11-P13-D	Sample RPD	eQAPP RPD	Flag
TOC	177	194	9	20.00	No Qualifiers Applied

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) IW-70-SAB11-P13	Concentration (UG/L) IW-70-SAB11-P13-D	Sample RPD	eQAPP RPD	Flag
2-HEXANONE	27	27	0	20.00	
4-METHYL-2-PENTANONE	8.2	7.8	5	20.00	
ACETONE	13	11	17	20.00	
CARBON DISULFIDE	2.7	2.6	4	20.00	
CHLOROETHANE	0.32	0.30	6	20.00	
CIS-1,2-DICHLOROETHENE	1.6	1.5	6	20.00	No Qualifiers Applied
ETHYLBENZENE	0.20	0.20	0	20.00	
TOLUENE	0.24	0.24	0	20.00	
TRANS-1,2-DICHLOROETHENE	2.7	2.7	0	20.00	
TRICHLOROETHENE	0.36	0.39	8	20.00	
VINYL CHLORIDE	2.6	2.7	4	20.00	

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L) IW-70-SAB11-P13	Concentration (UG/L) IW-70-SAB11-P13-D	Sample RPD	eQAPP RPD	Flag
ETHENE	5.0	2.0 U	200	20.00	No Qualifiers Applied
METHANE	22000	18000	20	20.00	

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

LDC #: 24071A1
SDG #: 10H661
Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 10/8/10
Page: 1 of 1
Reviewer: PT
2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 8/30/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 30, r²
IV.	Continuing calibration/ICV	SW	
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1 1	IW-70-SAB11-P13	11 1	MW-70-PMW07B-A10	21 1	MBLK1W	31	
2 1	IW-70-SAB11-P13-D	12 2	MW-70-PMW07B-A10DL	22 2	MBLK2W	32	
3 1	IW-70-SAB03-P13	13 1	IW-70-SHB319-P13MS	23		33	
4 1	IW-70-SSB119-P13	14 1	IW-70-SHB319-P13MSD	24		34	
5 2	IW-70-SHB319-P13	15		25		35	
6 1	IW-70-SHB311-P13	16		26		36	
7 1	TB-08/30/10	17		27		37	
8 1	IW-70-SHB310A10	18		28		38	
9 2	IW-70-SHB310A10DL	19		29		39	
10 2	MW-70-PMW07A-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl choride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

*** = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.**

LDC #: 24071A 1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
	9/3/10	RID040	DB	28		MBLKIW, 1-4, 6-8, 11, 13, 14	J/UJ/A

CONCAL_8260B.1S

LDC #: 24071A1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?
Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	compounds	Finding	Associated Samples	Qualifications
		8260	x'd cal Range	8, 11	J/A det

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24071A1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	~~Sample ID~~ compd	Finding	Associated Samples	Qualifications
		QQQ	not cal Range	8, 11	R/A
		all except QQQ	diluted	9, 12	R/A

Comments:

OVR.1S

LDC #: 24071A4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/10
SDG #: 10H661 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 8/31/10
II.	ICP/MS Tune	N	Not Utilized
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	Not Utilized
X.	Furnace Atomic Absorption QC	N	↓ ↓
XI.	ICP Serial Dilution	N	Not Performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A ~~N~~	
XIV.	Field Duplicates	N	
XV	Field Blanks	↓	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

All water

1	MW-70-PMW07A-A10	11		21		31	
2	MW-70-PMW07B-A10	12		22		32	
3	MS	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24031A4
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1 - 2	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
Analysis Method		
ICP		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP Trace		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 24071A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/10

SDG #: 10H661 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, ~~Chlorine~~ Cl, ~~Nitrate~~ NO3-N, ~~Nitrite~~ NO2-N, Sulfate(EPA Method 300.0), TDS(SM~~5310B~~ 2540C), TOC (SM5310B), Organic Acids(EPA Method ~~300~~ 300M), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A N	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SAB11-P13	11	IW-70-SHB319-P13MSD	21		31	
2	IW-70-SAB11-P13-D	12		22		32	
3	IW-70-SAB03-P13	13		23		33	
4	IW-70-SSB119-P13	14		24		34	
5	IW-70-SHB319-P13	15		25		35	
6	IW-70-SHB311-P13	16		26		36	
7	IW-70-SHB310~~A39~~ - A10	17		27		37	
8	MW-70-PMW07A-A10	18		28		38	
9	MW-70-PMW07B-A10	19		29		39	
10	IW-70-SHB319-P13MS	20		30		40	

Notes:

LDC #: 24331A6
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1-6	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
7	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Br Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
8-9	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Br H_2S Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
10-11	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}

Comments:

LDC #: 24071A51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10
SDG #: 10H661 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 8/30-31/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	~~N~~ SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All H2O

1	IW-70-SAB11-P13	11	IW-70-SHB311-P13	21		31	DGT003W-BLK
2	IW-70-SAB11-P13DL	12	IW-70-SHB311-P13DL	22		32	
3	IW-70-SAB11-P13-D	13	IW-70-SHB310A10	23		33	
4	IW-70-SAB11-P13-DDL	14	IW-70-SHB310A10DL	24		34	
5	IW-70-SAB03-P13	15	MW-70-PMW07A-A10	25		35	
6	IW-70-SAB03-P13DL	16	MW-70-PMW07A-A10DL	26		36	
7	IW-70-SSB119-P13	17	MW-70-PMW07B-A10	27		37	
8	IW-70-SSB119-P13DL	18	MW-70-PMW07B-A10DL	28		38	
9	IW-70-SHB319-P13	19	IW-70-SHB319-P13MS	29		39	
10	IW-70-SHB319-P13DL	20	IW-70-SHB319-P13MSD	30		40	

Notes:

LDC #: 24074A51
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: PA
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded calib. range	1, 3, 5, 7, 9, 11, 13, 15, 17	Do not use
	Ethane, Ethene	Dilution	2, 4, 6, 8, 10, 12, 14, 16, 18	Do not use

Comments:

OVRNew.wpc

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
01-Sep-2010	IW-70-FSB229-P13	I018-01	N	5030B	8260B	3
01-Sep-2010	IW-70-FSB229-P13	I018-01	N	GEN PREP	300.0M	3
01-Sep-2010	IW-70-FSB229-P13	I018-01	N	GEN PREP	5310B	3
01-Sep-2010	IW-70-FSB229-P13	I018-01	N	GEN PREP	RSK175	3
01-Sep-2010	IW-70-FSB229-P13MS	I018-01M	MS	GEN PREP	300.0M	3
01-Sep-2010	IW-70-FSB229-P13MSD	I018-01S	MSD	GEN PREP	300.0M	3
01-Sep-2010	IW-70-FSB229-P13	I018-01T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I018 | **Laboratory: EMXT**

EDD Filename: 10I018 | **eQAPP Name: SealBeach_IRSite70**

Method Category: **SVOA**

Method: **RSK175** ***Matrix:*** **AQ**

Sample ID: **IW-70-FSB229-P13** ***Collected:*** **9/1/2010 10:10:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.8	0.60	2.0	UG/L	J	J	RI

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-FSB229-P13** ***Collected:*** **9/1/2010 10:10:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.46	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.23	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.28	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I018 **Laboratory: EMXT**

EDD Filename: 10I018 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I018 **Laboratory: EMXT**

EDD Filename: 10I018 **eQAPP Name: SealBeach_IRSite70**

icvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I018 **Laboratory: EMXT**

EDD Filename: 10I018 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I018

Reporting Limit Outliers

Lab Reporting Batch ID: 10I018 **Laboratory: EMXT**

EDD Filename: 10I018 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
IW-70-FSB229-P13	CARBON DISULFIDE	J	0.46	1.0	UG/L	J (all detects)
	TOLUENE	J	0.23	1.0	UG/L	
	TRICHLOROETHENE	J	0.28	5.0	UG/L	

Method: **RSK175**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
IW-70-FSB229-P13	ETHENE	J	1.8	2.0	UG/L	J (all detects)

LDC #: 24071B1

SDG #: 10I018

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/8/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/1/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 30
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII	Compound quantitation/CRQLs	N	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	N	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-FSB229-P13	11	MBLK IW	21		31	
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl chloride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

*** = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.**

LDC #: 24071B1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 6 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/7/10	RIQ221	B	33.1		All	J/UJ/A

LDC #: 24071B6

SDG #: 10I018

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/11/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: (Analyte) TOC (SM5310B), Organic Acids(EPA Method 300.0)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	IW-70-FSB229-P13	11		21		31	
2	IW-70-FSB229-P13MS	12		22		32	
3	IW-70-FSB229-P13MSD	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24071BC
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
2-3	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}

Comments:

LDC #: 24071B51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10
SDG #: 10I018 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/1/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII	Overall assessment of data	~~N~~ SW	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All 40

1	IW-70-FSB229-P13	11		21		31	DGI008W-BLK
2	IW-70-FSB229-P13DL	12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 2407B51
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: X GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

X N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded calib. Range	1	Do not use.
	Ethane, Ethene	Dilution	2	Do not use.

Comments: _____

OVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
01-Sep-2010	TB-09/01/10	I019-05	TB	5030B	8260B	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	5030B	8260B	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	GEN PREP	2320B	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	GEN PREP	2540C	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	GEN PREP	300.0	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	GEN PREP	300.0M	3
01-Sep-2010	IW-70-FSB216-A10	I019-01	N	GEN PREP	RSK175	3
01-Sep-2010	IW-70-FSB216-A10	I019-01T	N	5030B	8260B	3
01-Sep-2010	IW-70-FSB216-A10	I019-01T	N	GEN PREP	5310B	3
01-Sep-2010	IW-70-FSB216-A10	I019-01T	N	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	5030B	8260B	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	2320B	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	2540C	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	300.0	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	300.0M	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	4500F	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	5310B	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02	N	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02T	N	3010A	6010B	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02T	N	5030B	8260B	3
01-Sep-2010	MW-70-PMW08A-A10	I019-02T	N	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	3010A	6010B	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	5030B	8260B	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	2320B	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	2540C	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	300.0	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	300.0M	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	4500F	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	5310B	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03	N	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03T	N	5030B	8260B	3
01-Sep-2010	MW-70-PMW08B-A10	I019-03T	N	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	3010A	6010B	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	5030B	8260B	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	2320B	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	2540C	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	300.0	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	300.0M	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	4500F	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	5310B	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04	FD	GEN PREP	RSK175	3
01-Sep-2010	MW-70-PMW08B-A10-DDUP	I019-04D	DUP	GEN PREP	2540C	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04T	FD	5030B	8260B	3
01-Sep-2010	MW-70-PMW08B-A10-D	I019-04T	FD	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I019 | Laboratory: EMXT

EDD Filename: 10I019 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM

Method: 300.0 **Matrix:** AQ

Sample ID: MW-70-PMW08A-A10 *Collected:* 9/1/2010 11:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
NITRATE-N	0.0810	0.0500	0.200	MG/L	J	J	RI

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: IW-70-FSB216-A10 *Collected:* 9/1/2010 11:05:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.64	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW08A-A10 *Collected:* 9/1/2010 11:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.95	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-FSB216-A10 *Collected:* 9/1/2010 11:05:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-HEXANONE	6.3	5.0	10	UG/L	J	J	RI
4-METHYL-2-PENTANONE	6.9	5.0	10	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.73	0.20	1.0	UG/L	J	J	RI
CHLOROMETHANE	0.27	0.20	2.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.51	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.91	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-PMW08A-A10 *Collected:* 9/1/2010 11:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.29	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv
TRICHLOROETHENE	0.73	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: 10I019 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **MW-70-PMW08B-A10** ***Collected:*** **9/1/2010 12:45:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.53	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.80	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	2.3	0.20	5.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW08B-A10-D** ***Collected:*** **9/1/2010 12:50:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.50	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.77	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	2.3	0.20	5.0	UG/L	J	J	RI

Sample ID: **TB-09/01/10** ***Collected:*** **9/1/2010 7:00:00 AM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv

Data Qualifier Summary

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: 10I019 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: 10I019 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
Rl	Reporting Limit
Rl	Reporting Limit > Project Maximum Contamination Limit
Rl	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: 10I019 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I019

Reporting Limit Outliers

Lab Reporting Batch ID: 10I019 | **Laboratory: EMXT**

EDD Filename: 10I019 | **eQAPP Name: SealBeach_IRSite70**

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW08A-A10	NITRATE-N	J	0.0810	0.200	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-FSB216-A10	2-HEXANONE	J	6.3	10	UG/L	J (all detects)
	4-METHYL-2-PENTANONE	J	6.9	10	UG/L	
	CARBON DISULFIDE	J	0.73	1.0	UG/L	
	CHLOROMETHANE	J	0.27	2.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	0.51	1.0	UG/L	
	TRICHLOROETHENE	J	0.91	5.0	UG/L	
	VINYL CHLORIDE	J	9.7	12	UG/L	
MW-70-PMW08A-A10	1,1-DICHLOROETHANE	J	0.29	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	0.73	5.0	UG/L	
MW-70-PMW08B-A10	1,1-DICHLOROETHANE	J	0.53	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.80	1.0	UG/L	
	CIS-1,2-DICHLOROETHENE	J	12	50	UG/L	
	TRICHLOROETHENE	J	2.3	5.0	UG/L	
MW-70-PMW08B-A10-D	1,1-DICHLOROETHANE	J	0.50	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.77	1.0	UG/L	
	CIS-1,2-DICHLOROETHENE	J	13	50	UG/L	
	TRICHLOROETHENE	J	2.3	5.0	UG/L	

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-FSB216-A10	ETHENE	J	0.64	2.0	UG/L	J (all detects)
MW-70-PMW08A-A10	ETHENE	J	0.95	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: Prep10I019 **eQAPP Name: SealBeach_IRSite70**

Method: 2320B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW08B-A10	Concentration (MG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
Total Alkalinity	474	474	0	20.00	No Qualifiers Applied

Method: 2540C
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW08B-A10	Concentration (MG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
TDS	4600	4600	0	20.00	No Qualifiers Applied

Method: 300.0
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW08B-A10	Concentration (MG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
BROMIDE	6.41	6.41	0	20.00	No Qualifiers Applied
Chloride-Cl	2400	2400	0	20.00	
SULFATE	352	352	0	20.00	

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW08B-A10	Concentration (MG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
TOC	3.11	3.11	0	20.00	No Qualifiers Applied

Method: 6010B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW08B-A10	Concentration (MG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
IRON	4.54	4.54	0	20.00	No Qualifiers Applied
MANGANESE	1.16	1.16	0	20.00	

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-PMW08B-A10	Concentration (UG/L) MW-70-PMW08B-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHANE	0.50	0.50	0	20.00	No Qualifiers Applied
CARBON DISULFIDE	0.77	0.77	0	20.00	
CIS-1,2-DICHLOROETHENE	13	13	0	20.00	
TRANS-1,2-DICHLOROETHENE	6.5	6.5	0	20.00	
TRICHLOROETHENE	2.3	2.3	0	20.00	
VINYL CHLORIDE	330	330	0	20.00	

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I019 **Laboratory: EMXT**

EDD Filename: Prep10I019 **eQAPP Name: SealBeach_IRSite70**

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L)		Sample RPD	eQAPP RPD	Flag
	MW-70-PMW08B-A10	MW-70-PMW08B-A10-D			
ETHENE	28	28	0	20.00	No Qualifiers Applied
METHANE	7000	7000	0	20.00	

LDC #: 24071C1
SDG #: 10I019
Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 10/8/10
Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/1/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 30
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:
water

1 1	IW-70-FSB216-A10	11 1	MBLKIW	21		31	
2 2	IW-70-FSB216-A10DLDL	12 2	MBLKIW	22		32	
3 1	MW-70-PMW08A-A10	13		23		33	
4 2	MW-70-PMW08A-A10DL	14		24		34	
5 1	MW-70-PMW08B-A10	15		25		35	
6 2	MW-70-PMW08B-A10DLDL	16		26		36	
7 1	MW-70-PMW08A-A10-D	17		27		37	
8 2	MW-70-PMW08A-A10-DDL	18		28		38	
9 1	TB-09/01/10	19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl choride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

*** = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.**

LDC #: 24071C1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/7/10	RIQ221	B	33.1		MBLKW, 1, 3, 5, 7, 9	J/UJ/A

CONCAL_8260B.1S

LDC #: 24071C1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?
Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	compounds	Finding	Associated Samples	Qualifications
		F	x'd cal Range	1	J/A dd
		aaa	↓	3	↓
		e	↓	5, 7	↓
		z	z	z	

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24071C1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	~~Sample ID~~ compound	Finding	Associated Samples	Qualifications
		F	x'd cal Range	1	R/A
		all except F	diluted	2	R/A
		QQQ	x'd cal Range	3	R/A
		all except QQQ	diluted	4	R/A
		C	x'd cal Range	5, 7	R/A
		all except C	diluted	6, 8	R/A

Comments:

LDC #: 24071C4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/1/1
SDG #: 10I019 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer:
2nd Reviewer:

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Technical holding times	N	Sampling dates:
II.	ICP/MS Tune	N	Not Utilized
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	Not Utilized
X.	Furnace Atomic Absorption QC	N	" "
XI.	ICP Serial Dilution	N	Not Performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	N	
XV	Field Blanks	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW08A-A10	11		21		31	
2	MW-70-PMW08B-A10	12		22		32	
3	MW-70-PMW08~~A~~B-A10-D	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24937B4
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1 - 3	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
Analysis Method		
ICP		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP Trace		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 24071C6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/10/10

SDG #: 10I019 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, ~~Chlorine~~ Cl, ~~Nitrate~~ NO_3-N, ~~Nitrite~~ NO_2-N, Sulfate(EPA Method 300.0), TDS(SM~~5310B~~ 2540C), TOC (SM5310B), Organic Acids(EPA Method ~~300~~ 8015M), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A ~~N~~	
IX.	Field duplicates	N	
X	Field blanks	↓	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-FSB216-A10	11		21		31	
2	MW-70-PMW08A-A10	12		22		32	
3	MW-70-PMW08B-A10	13		23		33	
4	MW-70-PMW08~~A~~B-A10-D	14		24		34	
5	MW-70-PMW08~~A~~B-A10-DDUP	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24937C6
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: [illegible]
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Bv Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
2-4	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Bv H2S Organic Acids
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
5	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}

Comments:

LDC #: 24071C51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10
SDG #: 10I019 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/1/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	Icv/ccv ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	~~N~~ SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All H2O

1	IW-70-FSB216-A10	11		21		31	DG I00%D-BLK
2	IW-70-FSB216-A10DLDL	12		22		32	
3	MW-70-PMW08A-A10	13		23		33	
4	MW-70-PMW08A-A10DL	14		24		34	
5	MW-70-PMW08B-A10	15		25		35	
6	MW-70-PMW08B-A10DLDL	16		26		36	
7	MW-70-PMW08~~A~~B-A10-D	17		27		37	
8	MW-70-PMW08~~A~~B-A10-DDL	18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24074K51
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: ☑ GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded calib	1, 3, 5, 7	Do not use
	Ethane, Ethene	Dilution	2, 4, 6, 8	Do not use

Comments _____

CVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
02-Sep-2010	TB-09/02/10	I043-06	TB	5030B	8260B	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	2320B	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	2540C	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	300.0	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	300.0M	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	5310B	3
02-Sep-2010	IW-70-SAB06-A10	I043-01	N	GEN PREP	RSK175	3
02-Sep-2010	IW-70-SAB06-A10	I043-01R	N	5030B	8260B	3
02-Sep-2010	IW-70-SAB06-A10	I043-01T	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	3010A	6010B	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	2320B	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	2540C	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	300.0	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	300.0M	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	4500F	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	5310B	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02R	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW03A-A10	I043-02T	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	3010A	6010B	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	2320B	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	2540C	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	300.0	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	300.0M	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	4500F	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	5310B	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03T	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW03B-A10	I043-03T	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	3010A	6010B	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	2320B	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	2540C	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	300.0	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	300.0M	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	4500F	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	5310B	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04T	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW02A-A10	I043-04T	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	3010A	6010B	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	5030B	8260B	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	2320B	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	2540C	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	300.0	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	300.0M	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	4500F	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	5310B	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05	N	GEN PREP	RSK175	3
02-Sep-2010	MW-70-PMW02B-A10DUP	I043-05D	DUP	GEN PREP	2540C	3
02-Sep-2010	MW-70-PMW02B-A10	I043-05T	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
02-Sep-2010	MW-70-PMW02B-A10	I043-05T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I043 | Laboratory: EMXT

EDD Filename: Prep10I043 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM

Method: 300.0 **Matrix:** AQ

Sample ID: IW-70-SAB06-A10 *Collected:* 9/2/2010 9:05:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
NITRATE-N	0.0544	0.0500	0.200	MG/L	J	J	RI

Sample ID: MW-70-PMW02A-A10 *Collected:* 9/2/2010 1:15:00 PM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	0.279	0.250	0.500	MG/L	J	J	RI

Sample ID: MW-70-PMW03A-A10 *Collected:* 9/2/2010 10:37:00 *Analysis Type:* DL *Dilution:* 2

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
SULFATE	0.538	0.500	1.00	MG/L	J	J	RI

Sample ID: MW-70-PMW03B-A10 *Collected:* 9/2/2010 11:40:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	0.349	0.250	0.500	MG/L	J	J	RI

Method Category: GENCHEM

Method: 5310B **Matrix:** AQ

Sample ID: MW-70-PMW02A-A10 *Collected:* 9/2/2010 1:15:00 PM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TOC	0.934	0.500	1.00	MG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-SAB06-A10 *Collected:* 9/2/2010 9:05:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.25	0.20	1.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.49	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.73	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.39	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I043 **Laboratory: EMXT**

EDD Filename: Prep10I043 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **MW-70-PMW02A-A10** ***Collected:*** **9/2/2010 1:15:00 PM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.72	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv

Sample ID: **MW-70-PMW02B-A10** ***Collected:*** **9/2/2010 1:42:00 PM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.87	0.20	1.0	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.23	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv

Sample ID: **MW-70-PMW03A-A10** ***Collected:*** **9/2/2010 10:37:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.25	0.20	1.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.63	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.27	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.48	0.20	5.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW03B-A10** ***Collected:*** **9/2/2010 11:40:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.61	0.20	1.0	UG/L	J	J	RI
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv

Sample ID: **TB-09/02/10** ***Collected:*** **9/2/2010 7:00:00 AM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMOMETHANE	2.0	0.20	2.0	UG/L	U	UJ	Ccv

Data Qualifier Summary

Lab Reporting Batch ID: 10I043 **Laboratory: EMXT**

EDD Filename: Prep10I043 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I043 **Laboratory: EMXT**

EDD Filename: Prep10I043 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I043 **Laboratory: EMXT**

EDD Filename: Prep10I043 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I043

Reporting Limit Outliers

Lab Reporting Batch ID: 10I043 | **Laboratory: EMXT**

EDD Filename: 10I043 | **eQAPP Name: SealBeach_IRSite70**

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAB06-A10	NITRATE-N	J	0.0544	0.200	MG/L	J (all detects)
MW-70-PMW02A-A10	BROMIDE	J	0.279	0.500	MG/L	J (all detects)
MW-70-PMW03A-A10	SULFATE	J	0.538	1.00	MG/L	J (all detects)
MW-70-PMW03B-A10	BROMIDE	J	0.349	0.500	MG/L	J (all detects)

Method: 5310B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW02A-A10	TOC	J	0.934	1.00	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAB06-A10	CARBON DISULFIDE	J	0.25	1.0	UG/L	J (all detects)
	CIS-1,2-DICHLOROETHENE	J	0.49	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	0.73	1.0	UG/L	
	TRICHLOROETHENE	J	0.39	5.0	UG/L	
MW-70-PMW02A-A10	1,1-DICHLOROETHANE	J	0.72	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	5.2	50	UG/L	
MW-70-PMW02B-A10	1,1-DICHLOROETHANE	J	0.87	1.0	UG/L	J (all detects)
	1,2-DICHLOROPROPANE	J	0.23	1.0	UG/L	
	TRICHLOROETHENE	J	90	500	UG/L	
MW-70-PMW03A-A10	CARBON DISULFIDE	J	0.25	1.0	UG/L	J (all detects)
	CIS-1,2-DICHLOROETHENE	J	0.63	1.0	UG/L	
	TOLUENE	J	0.27	1.0	UG/L	
	TRICHLOROETHENE	J	0.48	5.0	UG/L	
MW-70-PMW03B-A10	1,1-DICHLOROETHANE	J	0.61	1.0	UG/L	J (all detects)

LDC #: 24071D1
SDG #: 10I043
Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 10/8/10
Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/2/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 30
IV.	Continuing calibration/ICV	SW	ICV / CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1 2	IW-70-SAB06-A10	11	MBLK1W	21		31	
2 2	MW-70-PMW03A-A10	12	MBLK2W	22		32	
3 1	MW-70-PMW03B-A10	13		23		33	
4 2	MW-70-PMW03B-A10DL	14		24		34	
5 1	MW-70-PMW02A-A10	15		25		35	
6 2	MW-70-PMW02A-A10DL	16		26		36	
7 1	MW-70-PMW02B-A10	17		27		37	
8 2	MW-70-PMW02B-A10DL	18		28		38	
9 7	TB-09/02/10	19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl choride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24071D1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of <25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/7/10	RI.Q221	B	33.1		MBLKW, 3, 5, 7, 9	J/UJ/A

LDC #: 24071D1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?
Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	compounds	Finding	Associated Samples	Qualifications
		QQQ	x'd cal Range	3, 5, 7	J/A all

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24071P1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	compd ~~Sample ID~~	Finding	Associated Samples	Qualifications
		QQQ	x'd cal Range	3, 5, 7	R/A
		all except QQQ	Deleted	4, 6, 8	R/A

Comments:

OVR.1S

LDC #: 24071D4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/10

SDG #: 10I043 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates.
II.	ICP/MS Tune	N	Not utilized
III.	Calibration	A	
IV.	Blanks	A	
V	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	Not utilized
X.	Furnace Atomic Absorption QC	N	↓ ↓
XI.	ICP Serial Dilution	N	Not Performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A N	
XIV.	Field Duplicates	N	
XV	Field Blanks	↓	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW03A-A10	11		21		31	
2	MW-70-PMW03B-A10	12		22		32	
3	MW-70-PMW02A-A10	13		23		33	
4	MW-70-PMW02B-A10	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 2407164
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1 - 4	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
Analysis Method		
ICP		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP Trace		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 24071D6

SDG #: 10I043

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/11/10

Page: 1 of 1

Reviewer: AA

2nd Reviewer: [illegible]

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, ~~Chlorine~~ Cl, ~~Nitrate~~ NO_3-N, ~~Nitrite~~ NO_2-N, Sulfate(EPA Method 300.0), TDS(~~SM5310B~~ 2540C), TOC (SM5310B), Organic Acids(EPA Method ~~300~~ 300.0), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A ~~N~~	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples.

1	IW-70-SAB06-A10	11		21		31	
2	MW-70-PMW03A-A10	12		22		32	
3	MW-70-PMW03B-A10	13		23		33	
4	MW-70-PMW02A-A10	14		24		34	
5	MW-70-PMW02B-A10	15		25		35	
6	MW-70-PMW02B-A10DUP	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24931B6
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1	W	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN- NH3 TKN (TOC) CR6+ (Br) (Organic Acid)
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
2 - 5	W	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN- NH3 TKN (TOC) CR6+ (Br) (H2S) (Organic Acid)
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
6	W	pH (TDS) Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+

Comments:

METHODS.6

LDC #: 24071D51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10
SDG #: 10I043 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer:
2nd Reviewer:

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/2/10
IIa.	Initial calibration	A	% RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SAB06-A10	11		21		31	DGI0082-BLK
2	IW-70-SAB06-A10DL	12		22		32	
3	MW-70-PMW03A-A10	13		23		33	
4	MW-70-PMW03A-A10DL	14		24		34	
5	MW-70-PMW03B-A10	15		25		35	
6	MW-70-PMW03B-A10DL	16		26		36	
7	MW-70-PMW02A-A10	17		27		37	
8	MW-70-PMW02A-A10DL	18		28		38	
9	MW-70-PMW02B-A10	19		29		39	
10	MW-70-PMW02B-A10DL	20		30		40	

Notes:

LDC # 24071D51
SDG # See cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: AT
2nd Reviewer: [illegible]

METHOD: ☒ GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded Calib. Range	1,3,5,7,9	Do not use
	Ethane, Ethene	Dilution	2,4,6,8,10	Do not use

Comments

OVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
03-Sep-2010	TB-09/03/10	I066-07	TB	5030B	8260B	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01	N	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01	N	GEN PREP	2540C	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01	N	GEN PREP	300.0	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01	N	GEN PREP	300.0M	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01R	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01T	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01T	N	GEN PREP	5310B	3
03-Sep-2010	MW-70-PMW01A-A10	I066-01T	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02	FD	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02	FD	GEN PREP	2540C	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02	FD	GEN PREP	300.0	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02	FD	GEN PREP	300.0M	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02	FD	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02R	FD	5030B	8260B	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02T	FD	5030B	8260B	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02T	FD	GEN PREP	5310B	3
03-Sep-2010	MW-70-PMW01A-A10-D	I066-02T	FD	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	2540C	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	300.0	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	300.0M	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	5310B	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03R	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
03-Sep-2010	MW-70-PMW01B-A10	I066-03T	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW01B-A10	I066-03T	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	3010A	6010B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	2540C	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	300.0	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	300.0M	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	4500F	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	5310B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW06A-A10DUP	I066-04D	DUP	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04T	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW06A-A10	I066-04T	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	3010A	6010B	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	5030B	8260B	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	2320B	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	2540C	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	300.0	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	300.0M	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	4500F	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	5310B	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-PMW06B-A10	I066-05T	N	5030B	8260B	3
03-Sep-2010	MW-70-38-A10	I066-06	N	3010A	6010B	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	2320B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	2540C	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	300.0	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	300.0M	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	4500F	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	5310B	3
03-Sep-2010	MW-70-38-A10	I066-06	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-38-A10	I066-06I	N	GEN PREP	RSK175	3
03-Sep-2010	MW-70-38-A10	I066-06R	N	5030B	8260B	3
03-Sep-2010	MW-70-38-A10	I066-06T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I066 | **Laboratory: EMXT**

EDD Filename: 10I066 | **eQAPP Name: SealBeach_IRSite70**

Method Category: GENCHEM
Method: 300.0 **Matrix:** AQ

Sample ID: MW-70-PMW06B-A10 *Collected:* 9/3/2010 12:45:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	0.331	0.250	0.500	MG/L	J	J	RI

Method Category: GENCHEM
Method: 5310B **Matrix:** AQ

Sample ID: MW-70-PMW06B-A10 *Collected:* 9/3/2010 12:45:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TOC	0.752	0.500	1.00	MG/L	J	J	RI

Method Category: METALS
Method: 6010B **Matrix:** AQ

Sample ID: MW-70-38-A10 *Collected:* 9/3/2010 1:34:00 PM *Analysis Type:* RES/DIS *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ARSENIC	0.00558	0.00500	0.200	MG/L	J	J	RI

Sample ID: MW-70-PMW06B-A10 *Collected:* 9/3/2010 12:45:00 *Analysis Type:* RES/DIS *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
IRON	0.0479	0.0400	0.200	MG/L	J	J	RI

Method Category: SVOA
Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-38-A10 *Collected:* 9/3/2010 1:34:00 PM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.71	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW06A-A10 *Collected:* 9/3/2010 12:10:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.8	0.60	2.0	UG/L	J	J	RI

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Data Qualifier Summary

Lab Reporting Batch ID: 10I066 | **Laboratory: EMXT**

EDD Filename: 10I066 | **eQAPP Name: SealBeach_IRSite70**

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-PMW06B-A10 **Collected:** 9/3/2010 12:45:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.64	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-38-A10 **Collected:** 9/3/2010 1:34:00 PM **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.40	0.20	1.0	UG/L	J	J	RI
ACETONE	8.7	5.0	10	UG/L	J	J	RI
CHLOROETHANE	0.53	0.20	2.0	UG/L	J	J	RI
TRICHLOROETHENE	1.3	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-PMW01A-A10 **Collected:** 9/3/2010 10:08:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,1-TRICHLOROETHANE	0.47	0.20	1.0	UG/L	J	J	RI
TRICHLOROFLUOROMETHANE	0.23	0.20	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW01A-A10-D **Collected:** 9/3/2010 10:13:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,1-TRICHLOROETHANE	0.53	0.20	1.0	UG/L	J	J	RI
TRICHLOROFLUOROMETHANE	0.22	0.20	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW01B-A10 **Collected:** 9/3/2010 10:50:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,1-TRICHLOROETHANE	0.32	0.20	1.0	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.28	0.20	1.0	UG/L	J	J	RI
CHLOROETHANE	0.78	0.20	2.0	UG/L	J	J	RI
TETRACHLOROETHYLENE	0.48	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.37	0.20	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: 10I066 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: 10I066 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
Rl	Reporting Limit
Rl	Reporting Limit > Project Maximum Contamination Limit
Rl	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: 10I066 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I066

Reporting Limit Outliers

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: 10I066 **eQAPP Name: SealBeach_IRSite70**

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW06B-A10	BROMIDE	J	0.331	0.500	MG/L	J (all detects)

Method: 5310B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW06B-A10	TOC	J	0.752	1.00	MG/L	J (all detects)

Method: 6010B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-38-A10	ARSENIC	J	0.00558	0.200	MG/L	J (all detects)
MW-70-PMW06B-A10	IRON	J	0.0479	0.200	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-38-A10	1,1-DICHLOROETHANE	J	0.40	1.0	UG/L	J (all detects)
	ACETONE	J	8.7	10	UG/L	
	CHLOROETHANE	J	0.53	2.0	UG/L	
	TRICHLOROETHENE	J	1.3	5.0	UG/L	
MW-70-PMW01A-A10	1,1,1-TRICHLOROETHANE	J	0.47	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	26	100	UG/L	
	TRICHLOROFLUOROMETHANE	J	0.23	2.0	UG/L	
MW-70-PMW01A-A10-D	1,1,1-TRICHLOROETHANE	J	0.53	1.0	UG/L	J (all detects)
	CHLOROFORM	J	20	100	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	28	100	UG/L	
	TRICHLOROFLUOROMETHANE	J	0.22	2.0	UG/L	
MW-70-PMW01B-A10	1,1,1-TRICHLOROETHANE	J	0.32	1.0	UG/L	J (all detects)
	1,1-DICHLOROETHENE	J	24	50	UG/L	
	1,2-DICHLOROPROPANE	J	0.28	1.0	UG/L	
	CHLOROETHANE	J	0.78	2.0	UG/L	
	CHLOROFORM	J	22	100	UG/L	
	TETRACHLOROETHYLENE	J	0.48	1.0	UG/L	
	TOLUENE	J	0.37	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	82	100	UG/L	
MW-70-PMW06A-A10	1,1-DICHLOROETHENE	J	11	25	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	22	50	UG/L	
	TRICHLOROETHENE	J	18	250	UG/L	
MW-70-PMW06B-A10	TRANS-1,2-DICHLOROETHENE	J	46	100	UG/L	J (all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: 10I066 **eQAPP Name: SealBeach_IRSite70**

Method: **RSK175**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-38-A10	ETHANE	J	0.71	2.0	UG/L	J (all detects)
MW-70-PMW01A-A10	ETHANE	J	6.4	10	UG/L	J (all detects)
MW-70-PMW01A-A10-D	ETHANE	J	6.3	10	UG/L	J (all detects)
MW-70-PMW06A-A10	ETHANE	J	1.8	2.0	UG/L	J (all detects)
MW-70-PMW06B-A10	ETHENE	J	0.64	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: Prep10I066 **eQAPP Name: SealBeach_IRSite70**

Method: 2320B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW01A-A10	Concentration (MG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
Total Alkalinity	1120	1120	0	20.00	No Qualifiers Applied

Method: 2540C
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW01A-A10	Concentration (MG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
TDS	4200	4200	0	20.00	No Qualifiers Applied

Method: 300.0
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW01A-A10	Concentration (MG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
BROMIDE	2.54	2.54	0	20.00	
Chloride-Cl	1270	1270	0	20.00	No Qualifiers Applied
SULFATE	34.8	34.8	0	20.00	

Method: 300.0M
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW01A-A10	Concentration (MG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
Acetate	845	845	0	20.00	
BUTYRATE	53.6	53.6	0	20.00	No Qualifiers Applied
Propionate	565	565	0	20.00	

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW01A-A10	Concentration (MG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
TOC	915	915	0	20.00	No Qualifiers Applied

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I066 **Laboratory: EMXT**

EDD Filename: Prep10I066 **eQAPP Name: SealBeach_IRSite70**

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-PMW01A-A10	Concentration (UG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
1,1,1-TRICHLOROETHANE	0.53	0.53	0	20.00	
1,1,2-TRICHLOROETHANE	1.1	1.1	0	20.00	
1,1-DICHLOROETHANE	5.5	5.5	0	20.00	
1,1-DICHLOROETHENE	5.1	5.1	0	20.00	
1,2-DICHLOROETHANE	0.78	0.78	0	20.00	
2-BUTANONE	58	58	0	20.00	
ACETONE	47	47	0	20.00	
CARBON DISULFIDE	3.2	3.2	0	20.00	
CHLOROFORM	20	20	0	20.00	No Qualifiers Applied
CIS-1,2-DICHLOROETHENE	4400	4400	0	20.00	
FREON113	9.1	9.1	0	20.00	
METHYLENE CHLORIDE	7.0	7.0	0	20.00	
TETRACHLOROETHYLENE	1.1	1.1	0	20.00	
TRANS-1,2-DICHLOROETHENE	28	28	0	20.00	
TRICHLOROETHENE	1800	1800	0	20.00	
TRICHLOROFLUOROMETHANE	0.22	0.22	0	20.00	
VINYL CHLORIDE	260	260	0	20.00	

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-PMW01A-A10	Concentration (UG/L) MW-70-PMW01A-A10-D	Sample RPD	eQAPP RPD	Flag
ETHANE	6.0	6.0	0	20.00	
ETHENE	28	28	0	20.00	No Qualifiers Applied
METHANE	88	88	0	20.00	

LDC #: 24071E1

SDG #: 10I066

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/8/10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/3/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 30, r^2
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1 3	MW-770-PMW01A-A10	11 2	MW-70-38-A10	21 1	MBLK1W	31	
2 3	MW-770-PMW01A-A10DL	12 1	TB-09/03/10	22 2	MBLK2W	32	
3 3	MW-770-PMW01A-A10-D	13		23 3	MBLK3W	33	
4 3	MW-770-PMW01A-A10-DDL	14		24 4	MBLK4W	34	
5 4	MW-770-PMW01B-A10	15		25		35	
6 2	MW-770-PMW01B-A10DL	16		26		36	
7 1	MW-770-PMW06A-A10	17		27		37	
8 2	MW-770-PMW06A-A10DL	18		28		38	
9 1	MW-770-PMW06B-A10	19		29		39	
10 2	MW-770-PMW06B-A10DL	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethane	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl choride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

*** = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.**

LDC #: 24071E1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?
Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	compounds	Finding	Associated Samples	Qualifications
		QQQ, S, C	x'd cal Range	1, 3, 5	J/A det
		QQQ, S		5	
		QQQ, C	↓	7, 9	↓
		QQQ, S	↓	9	↓

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24071E1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	~~Sample ID~~ compd's	Finding	Associated Samples	Qualifications
		aaa, S, C	x'd cal Range	1, 3, 5	R/A
		all except Above	diluted	2, 4, 6	R/A
		aaa, C	x'd cal Range	7, 8	R/A
		all except above	diluted	8, 12	R/A
		aaa, S	x'd cal Range	9	R/A
		all except aaa, S	diluted	10	R/A

Comments:

OVR.1S

LDC #: 24071E4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/10
SDG #: 10I066 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
II	ICP/MS Tune	N	Not utilized
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	Not utilized
X.	Furnace Atomic Absorption QC	N	" "
XI.	ICP Serial Dilution	N	Not Performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	N	
XV	Field Blanks	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-770-PMW06A-A10	11		21		31	
2	MW-770-PMW06B-A10	12		22		32	
3	MW-70-38-A10	13		23		33	
4	~~TB-09/09/10~~	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24071E4
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1 - 3	W	Al, Sb, (As), Ba, Be, Cd, Ca, Cr, Co, Cu, (Fe), Pb, Mg, (Mn), Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
Analysis Method		
ICP		Al, Sb, (As), Ba, Be, Cd, Ca, Cr, Co, Cu, (Fe), Pb, Mg, (Mn), Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP Trace		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 24071E6

SDG #: 10I066

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/10/10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, ~~Chlorine~~ Cl, ~~Nitrate~~ NO3-N, ~~Nitrite~~ NO2-N, Sulfate(EPA Method 300.0), TDS(SM5310B), TOC (SM5310B), Organic Acids(EPA Method ~~300~~ 300.0), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples.

1	MW-70-PMW01A-A10	11		21		31	
2	MW-70-PMW01A-A10-D	12		22		32	
3	MW-70-PMW01B-A10	13		23		33	
4	MW-70-PMW06A-A10	14		24		34	
5	MW-70-PMW06B-A10	15		25		35	
6	MW-70-38-A10	16		26		36	
7	MW-70-PMW06A-A10DUP	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24071EV
SDG #: -

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer:
2nd reviewer:

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1 - 3	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Br Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
4 - 6	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} Br H_2S Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
7	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+}

Comments:

LDC #: 24071E51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10

SDG #: 10I066 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer:

2nd Reviewer:

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/3/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW01A-A10	11	MW-70-38-A10	21		31	DGI009W-BLK
2	MW-70-PMW01A-A10DL	12	MW-70-38-A10DL	22		32	
3	MW-70-PMW01A-A10-D	13	MW-70-38-A10DL-2	23		33	
4	MW-70-PMW01A-A10-DDL	14		24		34	
5	MW-70-PMW01B-A10	15		25		35	
6	MW-70-PMW01B-A10DL	16		26		36	
7	MW-70-PMW06A-A10	17		27		37	
8	MW-70-PMW06A-A10DL	18		28		38	
9	MW-70-PMW06B-A10	19		29		39	
~~10~~	~~MW-70-PMW06B-A10DL~~	20		30		40	

Notes:

LDC #: 24097|E51
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: RC
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded calib. Range	1, 3, 7, 9, 12	Do not use
	Ethane, Ethene	Dilution	2, 4, 8, 10, 13	
	Methane, Ethene	Exceeded calib. Range	5, 11	
	Ethane	Dilution	6, 12	

Comments:

OVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
07-Sep-2010	TB-9/7/10	I075-03	TB	5030B	8260B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	3010A	6010B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	5030B	8260B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	2320B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	2540C	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	300.0	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	300.0M	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	4500F	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	5310B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01	N	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01T	N	5030B	8260B	3
07-Sep-2010	MW-70-PMW04A-A10	I075-01T	N	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	3010A	6010B	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	2320B	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	2540C	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	300.0	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	300.0M	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	4500F	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02	N	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02D	DUP	GEN PREP	2320B	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02D	DUP	GEN PREP	2540C	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02D	DUP	GEN PREP	300.0	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02D	DUP	GEN PREP	300.0M	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02D	DUP	GEN PREP	4500F	3
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02G	MS	GEN PREP	5310B	3
07-Sep-2010	MW-70-PMW04B-A10MSD	I075-02H	MSD	GEN PREP	5310B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02M	MS	3010A	6010B	3
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02M	MS	5030B	8260B	3
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02M	MS	GEN PREP	300.0	3
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02M	MS	GEN PREP	300.0M	3
07-Sep-2010	MW-70-PMW04B-A10MS	I075-02M	MS	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02R	N	5030B	8260B	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02R	N	GEN PREP	5310B	3
07-Sep-2010	MW-70-PMW04B-A10MSD	I075-02S	MSD	3010A	6010B	3
07-Sep-2010	MW-70-PMW04B-A10MSD	I075-02S	MSD	5030B	8260B	3
07-Sep-2010	MW-70-PMW04B-A10MSD	I075-02S	MSD	GEN PREP	300.0	3
07-Sep-2010	MW-70-PMW04B-A10MSD	I075-02S	MSD	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02T	N	5030B	8260B	3
07-Sep-2010	MW-70-PMW04B-A10	I075-02T	N	GEN PREP	RSK175	3
07-Sep-2010	MW-70-PMW04B-A10DUP	I075-02Z	DUP	GEN PREP	5310B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I075 | Laboratory: EMXT

EDD Filename: 10I075 | eQAPP Name: SealBeach_IRSite70

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-PMW04A-A10 *Collected:* 9/7/2010 10:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.77	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW04B-A10 *Collected:* 9/7/2010 11:50:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.1	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-PMW04A-A10 *Collected:* 9/7/2010 10:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.33	0.20	1.0	UG/L	J	J	RI
ACETONE	6.1	5.0	10	UG/L	J	J	RI
CARBON DISULFIDE	0.85	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-PMW04B-A10 *Collected:* 9/7/2010 11:50:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.89	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.34	0.20	1.0	UG/L	J	J	RI
TRICHLOROFLUOROMETHANE	0.48	0.20	2.0	UG/L	J	J	RI

Sample ID: TB-9/7/10 *Collected:* 9/7/2010 7:00:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.52	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I075 **Laboratory: EMXT**

EDD Filename: 10I075 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I075 **Laboratory: EMXT**

EDD Filename: 10I075 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I075 **Laboratory: EMXT**

EDD Filename: 10I075 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I075

Reporting Limit Outliers

Lab Reporting Batch ID: 10I075 | **Laboratory: EMXT**

EDD Filename: 10I075 | **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-PMW04A-A10	1,1-DICHLOROETHANE	J	0.33	1.0	UG/L	J (all detects)
	ACETONE	J	6.1	10	UG/L	
	CARBON DISULFIDE	J	0.85	1.0	UG/L	
	TRICHLOROETHENE	J	12	120	UG/L	
MW-70-PMW04B-A10	1,1-DICHLOROETHANE	J	0.89	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.34	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	16	25	UG/L	
	TRICHLOROETHENE	J	13	120	UG/L	
	TRICHLOROFLUOROMETHANE	J	0.48	2.0	UG/L	
TB-9/7/10	METHYLENE CHLORIDE	J	0.52	1.0	UG/L	J (all detects)

Method: **RSK175**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-PMW04A-A10	ETHANE	J	0.77	2.0	UG/L	J (all detects)
MW-70-PMW04B-A10	ETHENE	J	1.1	2.0	UG/L	J (all detects)

LDC #: 24071F1

SDG #: 10I075

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/8/10

Page: 1 of 1

Reviewer: F2

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/7/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	% RSD ≤ 30, r²
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW04A-A10	11	MBLK1W	21		31	
2	MW-70-PMW04A-A10DL	12	MBLK2W	22		32	
3	MW-70-PMW04B-A10	13		23		33	
4	MW-70-PMW04B-A10DL	14		24		34	
5	TB-9/7/10	15		25		35	
6	MW-70-PMW04B-A10MS	16		26		36	
7	MW-70-PMW04B-A10MSD	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
B. Bromomethane	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
C. Vinyl choride**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
D. Chloroethane	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
E. Methylene chloride	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
F. Acetone	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
G. Carbon disulfide	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
H. 1,1-Dichloroethene**	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
I. 1,1-Dichloroethane*	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
J. 1,2-Dichloroethene, total	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
K. Chloroform**	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
L. 1,2-Dichloroethane	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
M. 2-Butanone	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	UUU. 1,2-Dichlorotetrafluoroethane	TTTT.
N. 1,1,1-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	VVV. 4-Ethyltoluene	UUUU.
O. Carbon tetrachloride	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	WWW. Ethanol	VVVV.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	
U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane	
V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol	
W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile	
X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein	
Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile	

*** = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.**

LDC #: 24071F1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?
Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	compounds	Finding	Associated Samples	Qualifications
		QQQ	x'd cal Range	1, 3	J/A dil

Comments: See sample calculation verification worksheet for recalculations

CRQL.tC

LDC #: 24071F1
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	~~Sample ID~~ compd	Finding	Associated Samples	Qualifications
		QQQ	x'd cal Range	1, 3	R/A
		all except QQ	deleted	2, 4	R/A

Comments:

OVR.1S

LDC #: 24071F4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/10
SDG #: 10I075 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates.
II.	ICP/MS Tune	N	Not Utilized
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	Not Utilized
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	A N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A N	
XIV.	Field Duplicates	N	
XV	Field Blanks		

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	MW-70-PMW04A-A10	11		21		31	
2	MW-70-PMW04B-A10	12		22		32	
3	MW-70-PMW04B-A10MS	13		23		33	
4	MW-70-PMW04B-A10MSD	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24071F4
SDG #: –

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1 - 2	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
3 - 4	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

LDC #: 24071F6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/10/10

SDG #: 10I075 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, ~~Chlorine~~ Cl, ~~Nitrate~~ NO3-N, ~~Nitrite~~ NO2-N, Sulfate(EPA Method 300.0), TDS(SM~~5310B~~ 2540C), TOC (SM5310B), Organic Acids(EPA Method ~~300~~ 300.0), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates:
IIa.	Initial calibration	A	
IIb	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	A	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW04A-A10	11		21		31	
2	MW-70-PMW04B-A10	12		22		32	
3	MW-70-PMW04B-A10MS	13		23		33	
4	MW-70-PMW04B-A10MSD	14		24		34	
5	MW-70-PMW04B-A10DUP	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24931F6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: CL
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1-2	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br H_2S Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
3	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
4	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
5	W	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br H_2S Organic Acid
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4

Comments:

LDC #: 24071F51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-8-10
SDG #: 10I075 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/7/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N ~~SW~~	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: ALL H2O

1	MW-70-PMW04A-A10	11		21		31	DGI010W-BLK
2	MW-70-PMW04A-A10DL	12		22		32	
3	MW-70-PMW04B-A10	13		23		33	
4	MW-70-PMW04B-A10DL	14		24		34	
5	MW-70-PMW04B-A10MS	15		25		35	
6	MW-70-PMW04B-A10MSD	16		26		36	
7	MW-70-PMW04B-A10DUP	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 2407/F51
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: RT
2nd Reviewer: [illegible]

METHOD: X GC ___ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded Calib. Range	1,3	Do not use
	All except Methane	Dilution	2,4	Do not use

Comments: _____

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3020 E. Miraloma
Anaheim, CA 92806
ATTN: Mr. Nick Weinberger

October 19, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report for the fractions listed below. These SDGs were received on October 11th, 2010.

LDC project# 24099:

SDG #	Fraction
10I148, 10I193	Volatiles (EPA SW 846 Method 8260B) Dissolved Metals (EPA SW 846 Method 6010B) Dissolved Gases (Method RSK-175) Wet Chemistry (EPA Method 300.0, 300.0M, Standard Method 2320B, 2540C, 4500F, and 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Detection and Quantitation Limits

- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
09-Sep-2010	TB-9/9/10	I148-05	TB	5030B	8260B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	5030B	8260B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	2320B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	300.0	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	300.0M	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	4500F	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW11A-A10DUP	I148-01D	DUP	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW11A-A10MS	I148-01M	MS	3010A	6010B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01R	N	GEN PREP	5310B	3
09-Sep-2010	MW-70-PMW11A-A10MSD	I148-01S	MSD	3010A	6010B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01T	N	3010A	6010B	3
09-Sep-2010	MW-70-PMW11A-A10	I148-01T	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	3010A	6010B	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	5030B	8260B	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	2320B	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	300.0	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	300.0M	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	4500F	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02R	N	GEN PREP	5310B	3
09-Sep-2010	MW-70-PMW11B-A10	I148-02T	N	5030B	8260B	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	3010A	6010B	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	2320B	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	300.0	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	300.0M	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	4500F	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03R	N	GEN PREP	5310B	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03T	N	5030B	8260B	3
09-Sep-2010	MW-70-PMW13A-A10	I148-03T	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	3010A	6010B	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	5030B	8260B	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	2320B	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	300.0	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	300.0M	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	4500F	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04	N	GEN PREP	RSK175	3
09-Sep-2010	MW-70-PMW13B-A10DUP	I148-04D	DUP	GEN PREP	2540C	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04R	N	GEN PREP	5310B	3
09-Sep-2010	MW-70-PMW13B-A10	I148-04T	N	5030B	8260B	3
10-Sep-2010	TB-9/10/10	I148-12	TB	5030B	8260B	3
10-Sep-2010	MW-70-MNA02-A10	I148-06	N	5030B	8260B	3
10-Sep-2010	MW-70-MNA02-A10	I148-06	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA02-A10MS	I148-06M	MS	5030B	8260B	3
10-Sep-2010	MW-70-MNA02-A10MS	I148-06M	MS	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA02-A10MSD	I148-06S	MSD	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
10-Sep-2010	MW-70-MNA02-A10MSD	I148-06S	MSD	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA02-A10	I148-06T	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA04-A10	I148-07	N	5030B	8260B	3
10-Sep-2010	MW-70-MNA04-A10	I148-07	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA04-A10	I148-07T	N	5030B	8260B	3
10-Sep-2010	MW-70-MNA04-A10	I148-07T	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA05-A10	I148-08	N	5030B	8260B	3
10-Sep-2010	MW-70-MNA05-A10	I148-08	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA05-A10	I148-08T	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA06-A10	I148-09	N	5030B	8260B	3
10-Sep-2010	MW-70-MNA06-A10	I148-09	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA06-A10-D	I148-10	FD	5030B	8260B	3
10-Sep-2010	MW-70-MNA06-A10-D	I148-10	FD	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA11-A10	I148-11	N	GEN PREP	RSK175	3
10-Sep-2010	MW-70-MNA11-A10	I148-11R	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I148 | Laboratory: EMXT

EDD Filename: 10I148 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM
Method: 300.0M **Matrix:** AQ

Sample ID: MW-70-PMW11A-A10 Collected: 9/9/2010 9:15:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
Acetate	0.740	0.500	1.00	MG/L	J	J	RI

Method Category: SVOA
Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-MNA05-A10 Collected: 9/10/2010 11:26:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.7	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-MNA06-A10 Collected: 9/10/2010 1:02:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.0	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-MNA06-A10-D Collected: 9/10/2010 1:07:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.1	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW11B-A10 Collected: 9/9/2010 9:51:00 AM Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.7	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW13B-A10 Collected: 9/9/2010 11:33:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.76	0.60	2.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I148 | Laboratory: EMXT

EDD Filename: 10I148 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-MNA02-A10 **Collected:** 9/10/2010 9:40:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2-DICHLOROPROPANE	0.58	0.20	1.0	UG/L	J	J	RI
CHLOROFORM	0.21	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	35	0.20	5.0	UG/L		J	Ms

Sample ID: MW-70-MNA04-A10 **Collected:** 9/10/2010 10:49:00 **Analysis Type:** DL **Dilution:** 100

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRICHLOROETHENE	190	20	500	UG/L	J	J	RI

Sample ID: MW-70-MNA04-A10 **Collected:** 9/10/2010 10:49:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2-DICHLOROPROPANE	0.61	0.20	1.0	UG/L	J	J	RI
CHLOROFORM	0.29	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-MNA05-A10 **Collected:** 9/10/2010 11:26:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHENE	0.30	0.20	0.50	UG/L	J	J	RI
CARBON DISULFIDE	0.66	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.53	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	4.6	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-MNA06-A10 **Collected:** 9/10/2010 1:02:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRANS-1,2-DICHLOROETHENE	0.79	0.20	1.0	UG/L	J	J	RI
VINYL CHLORIDE	0.34	0.20	0.50	UG/L	J	J	RI

Sample ID: MW-70-MNA06-A10-D **Collected:** 9/10/2010 1:07:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRANS-1,2-DICHLOROETHENE	0.86	0.20	1.0	UG/L	J	J	RI
VINYL CHLORIDE	0.24	0.20	0.50	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I148 **Laboratory: EMXT**

EDD Filename: 10I148 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **MW-70-MNA11-A10** ***Collected:*** **9/10/2010 2:25:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CIS-1,2-DICHLOROETHENE	0.77	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	1.0	0.20	5.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW11A-A10** ***Collected:*** **9/9/2010 9:15:00 AM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CIS-1,2-DICHLOROETHENE	0.82	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.50	0.20	5.0	UG/L	J	J	RI
VINYL CHLORIDE	0.34	0.20	0.50	UG/L	J	J	RI

Sample ID: **MW-70-PMW11B-A10** ***Collected:*** **9/9/2010 9:51:00 AM** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.48	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	1.2	0.20	1.0	UG/L		U	Mb

Sample ID: **MW-70-PMW13A-A10** ***Collected:*** **9/9/2010 10:49:00** ***Analysis Type:*** **DL** ***Dilution:*** **100**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRICHLOROETHENE	490	20	500	UG/L	J	J	RI

Sample ID: **MW-70-PMW13A-A10** ***Collected:*** **9/9/2010 10:49:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.28	0.20	1.0	UG/L	J	J	RI

Sample ID: **MW-70-PMW13B-A10** ***Collected:*** **9/9/2010 11:33:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.59	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.42	0.20	1.0	UG/L	J	U	Mb

Sample ID: **TB-9/10/10** ***Collected:*** **9/10/2010 12:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.65	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I148

Laboratory: EMXT

EDD Filename: 10I148

eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B *Matrix:* AQ

Sample ID: TB-9/9/10 *Collected:* 9/9/2010 7:00:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.70	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I148

EDD Filename: 10I148

Laboratory: EMXT

eQAPP Name: SealBeach_IRSite70

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I148 **Laboratory: EMXT**

EDD Filename: 10I148 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I148 **Laboratory: EMXT**

EDD Filename: 10I148 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I148

Method Blank Outlier Report

Lab Reporting Batch ID: 10I148

Laboratory: EMXT

EDD Filename: 10I148

eQAPP Name: SealBeach_IRSite70

Method: **8260B**
Matrix: **AQ**

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
VO94I10Q	9/13/2010 2:03:00 PM	CARBON DISULFIDE	0.28 UG/L	MW-70-PMW11A-A10 MW-70-PMW11B-A10 MW-70-PMW13A-A10 MW-70-PMW13B-A10 TB-9/10/10 TB-9/9/10

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
MW-70-PMW11B-A10(RES)	CARBON DISULFIDE	1.2 UG/L	1.2U UG/L
MW-70-PMW13B-A10(RES)	CARBON DISULFIDE	0.42 UG/L	1.0U UG/L

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 10I148

EDD Filename: 10I148

Laboratory: EMXT

eQAPP Name: SealBeach_IRSite70

Method: 6010B
Matrix: AQ

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW-70-PMW11A -A10MS MW-70-PMW11A -A10MSD (MW-70-PMW11A -A10 MW-70-PMW11B -A10 MW-70-PMW13A -A10 MW-70-PMW13B -A10)	MANGANESE	27	39	75.00-125.00	-	MANGANESE	No Qual, >4x

Method: 8260B
Matrix: AQ

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW-70-MNA02 -A10MSD (MW-70-MNA02 -A10)	TRICHLOROETHENE	-	163	80.00-140.00	-	TRICHLOROETHENE	J(all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 10I148

EDD Filename: 10I148

Laboratory: EMXT

eQAPP Name: SealBeach_IRSite70

Method: 300.0M

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW11A-A10	Acetate	J	0.740	1.00	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-MNA02-A10	1,2-DICHLOROPROPANE	J	0.58	1.0	UG/L	J (all detects)
	CHLOROFORM	J	0.21	1.0	UG/L	
MW-70-MNA04-A10	1,2-DICHLOROPROPANE	J	0.61	1.0	UG/L	J (all detects)
	CHLOROFORM	J	0.29	1.0	UG/L	
	TRICHLOROETHENE	J	190	500	UG/L	
MW-70-MNA05-A10	1,1-DICHLOROETHENE	J	0.30	0.50	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.66	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	0.53	1.0	UG/L	
	TRICHLOROETHENE	J	4.6	5.0	UG/L	
MW-70-MNA06-A10	TRANS-1,2-DICHLOROETHENE	J	0.79	1.0	UG/L	J (all detects)
	VINYL CHLORIDE	J	0.34	0.50	UG/L	
MW-70-MNA06-A10-D	TRANS-1,2-DICHLOROETHENE	J	0.86	1.0	UG/L	J (all detects)
	VINYL CHLORIDE	J	0.24	0.50	UG/L	
MW-70-MNA11-A10	CIS-1,2-DICHLOROETHENE	J	0.77	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	1.0	5.0	UG/L	
MW-70-PMW11A-A10	CIS-1,2-DICHLOROETHENE	J	0.82	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	0.50	5.0	UG/L	
	VINYL CHLORIDE	J	0.34	0.50	UG/L	
MW-70-PMW11B-A10	1,1-DICHLOROETHANE	J	0.48	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	9.6	120	UG/L	
MW-70-PMW13A-A10	1,1-DICHLOROETHANE	J	0.28	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	490	500	UG/L	
MW-70-PMW13B-A10	1,1-DICHLOROETHANE	J	0.59	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	65	100	UG/L	
TB-9/10/10	METHYLENE CHLORIDE	J	0.65	1.0	UG/L	J (all detects)
TB-9/9/10	METHYLENE CHLORIDE	J	0.70	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-MNA04-A10	ETHANE	J	14	40	UG/L	J (all detects)
MW-70-MNA05-A10	ETHENE	J	1.7	2.0	UG/L	J (all detects)
MW-70-MNA06-A10	ETHENE	J	1.0	2.0	UG/L	J (all detects)
MW-70-MNA06-A10-D	ETHENE	J	1.1	2.0	UG/L	J (all detects)
MW-70-PMW11B-A10	ETHENE	J	1.7	2.0	UG/L	J (all detects)
MW-70-PMW13B-A10	ETHENE	J	0.76	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I148 **Laboratory: EMXT**

EDD Filename: 10I148 **eQAPP Name: SealBeach_IRSite70**

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-MNA06-A10	Concentration (UG/L) MW-70-MNA06-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHENE	0.59	0.64	8	20.00	No Qualifiers Applied
CIS-1,2-DICHLOROETHENE	34	37	8	20.00	
TRANS-1,2-DICHLOROETHENE	0.79	0.86	8	20.00	
TRICHLOROETHENE	11	12	9	20.00	
VINYL CHLORIDE	0.34	0.24	34	20.00	

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-MNA06-A10	Concentration (UG/L) MW-70-MNA06-A10-D	Sample RPD	eQAPP RPD	Flag
ETHENE	1.0	1.1	10	20.00	No Qualifiers Applied
METHANE	9.8	10	2	20.00	

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

LDC #: 24099A1

SDG #: 10I148

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10-14-10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/9-9/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 30 %
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25 %
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	FD = 13+14
XVII.	Field blanks	N	TB = 8, 16

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

All H2O

1	MW-70-PMW11A-A10	11	MW-70-MNA04-A10DL	21		31	V094I10-BLK
2	MW-70-PMW11B-A10	12	MW-70-MNA05-A10	22		32	V094I11-BLK
3	MW-70-PMW11B-A10DL	13	MW-70-MNA06-A10	23		33	V094I12-BLK
4	MW-70-PMW13A-A10	14	MW-70-MNA06-A10-D	24		34	V094I13-BLK
5	MW-70-PMW13A-A10DL	15	MW-70-MNA11-A10	25		35	
6	MW-70-PMW13B-A10	16	TB-9/10/10	26		36	
7	MW-70-PMW13B-A10DL	17	MW-70-MNA03-A10MS	27		37	
8	TB-9/9/10	18	MW-70-MNA03-A10MSD	28		38	
9	MW-70-MNA03-A10	19		29		39	
10	MW-70-MNA04-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC. 1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Freon 113
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC # 24099A1
SDG # See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: RT
2nd Reviewer: [illegible]

METHOD: ☒ GC/MS HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	C, QQQ	Exceeded Calib. Range	2	Do not use
	All except C, QQQ	Dilution	3	Do not use
	C, S, PPP, QQQ	Exceeded Calib. Range	4	Do not use
	All except C, S, PPP QQQ	Dilution	5	Do not use
	S, QQQ	Exceeded Calib Range	6, 10	Do not use
	All except S, QQQ	Dilution	7, 11	Do not use

Comments:

OVRNew.wpd

LDC #: 24099A4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-13-10

SDG #: 10I148 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: MG

2nd Reviewer: ✓

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9-9-10
II.	ICP/MS Tune	N	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	A	MS/MSD (Mn 70 rec OK / 4 x rule)
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	LCS/LCSD
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	N	
XIV.	Field Duplicates	N	
XV	Field Blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: all water

1	MW-70-PMW11A-A10	11		21		31	
2	MW-70-PMW11B-A10	12		22		32	
3	MW-70-PMW13A-A10	13		23		33	
4	MW-70-PMW13B-A10	14		24		34	
5	MW-70-PMW11A-A10MS	15		25		35	
6	MW-70-PMW11A-A10MSD	16		26		36	
7	PBW	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24099A4

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Reviewer MG
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1→4	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
QC 5, 6	↓	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
Analysis Method		
ICP	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____

Comments: Mercury by CVAA if performed

LDC #: 24099A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-13-10

SDG #: 10I148 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: MG

2nd Reviewer: (SM 2540C)

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(~~SM5310B~~), TOC (SM5310B), Organic Acids(EPA Method 300), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9-9-10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	DUP
VI.	Laboratory control samples	N	LCS/LCSD
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All

1	MW-70-PMW11A-A10	11		21		31	
2	MW-70-PMW11B-A10	12		22		32	
3	MW-70-PMW13A-A10	13		23		33	
4	MW-70-PMW13B-A10	14		24		34	
5	MW-70-PMW11A-A10DUP	15		25		35	
6	MW-70-PMW13B-A10DUP	16		26		36	
7		17		27		37	
8		18		28		38	
9	PBW1	19		29		39	
10	PBW2	20		30		40	

Notes:

LDC #: 24099A6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: MG
2nd reviewer: ✓

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1→4	W	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN- NH3 TKN (TOC) CR6+ ClO4 (Br) (Org Acid) (H2S)
QC 5	↓	pH (TDS) Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
↓ 6	↓	pH (TDS) Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4

Comments:

LDC #: 24099A51 **VALIDATION COMPLETENESS WORKSHEET** Date: 12-14-10
SDG #: 10I148 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/9-10/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

All H2O

1	MW-70-PMW11A-A10	11	MW-70-MNA05-A10	21		31	DGI0126-BLK
2	MW-70-PMW11A-A10DL	12	MW-70-MNA05-A10DL	22		32	
3	MW-70-PMW11B-A10	13	MW-70-MNA06-A10	23		33	
4	MW-70-PMW13A-A10	14	MW-70-MNA06-A10-D	24		34	
5	MW-70-PMW13A-A10DL	15	MW-70-MNA11-A10	25		35	
6	MW-70-PMW13B-A10	16	MW-70-MNA06-A10-DMS	26		36	
7	MW-70-MNA01-A10	17	MW-70-MNA06-A10-DMSD	27		37	
8	MW-70-MNA01-A10DL	18		28		38	
9	MW-70-MNA04-A10	19		29		39	
10	MW-70-MNA04-A10DL	20		30		40	

Notes:

LDC #: 24099A51
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: RJ
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded Calib Range	1,4,7,9,11	Do not use
	Ethane, Ethene	Dilution	2,5,8,10,12	Do not use

Comments.

CVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
13-Sep-2010	TB 9/15/10	I193-09	TB	5030B	8260B	3
13-Sep-2010	MW-70-28-A10	I193-01	N	5030B	8260B	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	2320B	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	2540C	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	300.0	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	300.0M	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	5310B	3
13-Sep-2010	MW-70-28-A10	I193-01	N	GEN PREP	RSK175	3
13-Sep-2010	MW-70-28-A10	I193-01T	N	5030B	8260B	3
13-Sep-2010	MW-70-28-A10	I193-01T	N	GEN PREP	RSK175	3
13-Sep-2010	MW-70-27-A10	I193-02	N	5030B	8260B	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	2320B	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	2540C	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	300.0	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	300.0M	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	5310B	3
13-Sep-2010	MW-70-27-A10	I193-02	N	GEN PREP	RSK175	3
13-Sep-2010	MW-70-27-A10	I193-02T	N	5030B	8260B	3
13-Sep-2010	MW-70-27-A10	I193-02T	N	GEN PREP	RSK175	3
13-Sep-2010	MW-70-MNA09-A10	I193-03	N	GEN PREP	RSK175	3
13-Sep-2010	MW-70-MNA09-A10	I193-03R	N	5030B	8260B	3
13-Sep-2010	MW-70-MNA09-A10	I193-03T	N	GEN PREP	RSK175	3
14-Sep-2010	MW-70-02-A10	I193-04	N	5030B	8260B	3
14-Sep-2010	MW-70-17-A10	I193-05	N	5030B	8260B	3
14-Sep-2010	MW-70-22-A10	I193-06	N	5030B	8260B	3
14-Sep-2010	MW-70-10-A10	I193-07	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
14-Sep-2010	MW-70-11-A10	I193-08	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I193 | **Laboratory: EMXT**

EDD Filename: 10I193 | **eQAPP Name: SealBeach_IRSite70**

Method Category: GENCHEM
Method: 300.0 **Matrix:** AQ

Sample ID: MW-70-27-A10 *Collected:* 9/13/2010 10:10:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
NITRATE-N	0.0706	0.0500	0.200	MG/L	J	J	RI

Method Category: VOA
Method: 8260B **Matrix:** AQ

Sample ID: MW-70-27-A10 *Collected:* 9/13/2010 10:10:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.42	0.20	1.0	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.42	0.20	1.0	UG/L	J	J	RI
ACETONE	6.6	5.0	10	UG/L	J	J	RI
TOLUENE	0.21	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-28-A10 *Collected:* 9/13/2010 9:37:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.24	0.20	1.0	UG/L	J	J	RI
1,2-DICHLOROETHANE	0.30	0.20	0.50	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.37	0.20	1.0	UG/L	J	J	RI
ACETONE	7.3	5.0	10	UG/L	J	J	RI
METHYLENE CHLORIDE	1.3	0.50	1.0	UG/L		U	Tb
TETRACHLOROETHYLENE	0.30	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-MNA09-A10 *Collected:* 9/13/2010 11:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRANS-1,2-DICHLOROETHENE	0.50	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	3.3	0.20	5.0	UG/L	J	J	RI

Sample ID: TB 9/15/10 *Collected:* 9/13/2010 7:00:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.58	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I193

EDD Filename: 10I193

Laboratory: EMXT

eQAPP Name: SealBeach_IRSite70

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I193

Laboratory: EMXT

EDD Filename: 10I193

eQAPP Name: SealBeach_IRSite70

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
MoIsI	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I193 **Laboratory: EMXT**

EDD Filename: 10I193 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I193

Trip Blank Outlier Report

Lab Reporting Batch ID: 10I193 **Laboratory: EMXT**

EDD Filename: 10I193 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**
Matrix: **AQ**

Trip Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
TB 8/15/10(RES)	9/13/2010 7:00:00 AM	METHYLENE CHLORIDE	0.58 UG/L	MW-70-02-A10 MW-70-10-A10 MW-70-11-A10 MW-70-17-A10 MW-70-22-A10 MW-70-27-A10 MW-70-28-A10 MW-70-MNA09-A10

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
MW-70-28-A10(RES)	METHYLENE CHLORIDE	1.3 UG/L	1.3U UG/L

Reporting Limit Outliers

Lab Reporting Batch ID: 10I193 **Laboratory: EMXT**

EDD Filename: 10I193 **eQAPP Name: SealBeach_IRSite70**

Method: **300.0**

Matrix: **AQ**

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-27-A10	NITRATE-N	J	0.0706	0.200	MG/L	J (all detects)

Method: **8260B**

Matrix: **AQ**

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-27-A10	1,1,2-TRICHLOROETHANE	J	0.42	1.0	UG/L	J (all detects)
	1,2-DICHLOROPROPANE	J	0.42	1.0	UG/L	
	ACETONE	J	6.6	10	UG/L	
	TOLUENE	J	0.21	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	49	100	UG/L	
MW-70-28-A10	1,1,2-TRICHLOROETHANE	J	0.24	1.0	UG/L	J (all detects)
	1,2-DICHLOROETHANE	J	0.30	0.50	UG/L	
	1,2-DICHLOROPROPANE	J	0.37	1.0	UG/L	
	ACETONE	J	7.3	10	UG/L	
	CHLOROFORM	J	20	50	UG/L	
	CIS-1,2-DICHLOROETHENE	J	16	50	UG/L	
	TETRACHLOROETHYLENE	J	0.30	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	21	50	UG/L	
	TRICHLOROETHENE	J	14	250	UG/L	
MW-70-MNA09-A10	TRANS-1,2-DICHLOROETHENE	J	0.50	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	3.3	5.0	UG/L	
TB 9/15/10	METHYLENE CHLORIDE	J	0.58	1.0	UG/L	J (all detects)

LDC #: 24099B1

SDG #: 10193

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10-14-10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/13-14/10
II.	GC/MS Instrument performance check	A	
III	Initial calibration	A	%RSD ≤ 30%
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25%
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	TB = 4

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: ALL 1-29

1	MW-70-28-A10	11	TB 9/15/10	21		31	V094I13-BLK
2	MW-70-28-A10DL	12		22		32	V094I12-BLK
3	MW-70-27-A10	13		23		33	
4	MW-70-27-A10DL	14		24		34	
5	MW-70-~~A~~09-A10 (MWA)	15		25		35	
6	MW-70-02-A10	16		26		36	
7	MW-70-17-A10	17		27		37	
8	MW-70-22-A10	18		28		38	
9	MW-70-10-A10	19		29		39	
10	MW-70-11-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC. 1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Freon 113
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. o-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24099B1
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: X GC/MS HPLC

Please see qualifications below for all questions answered "N" Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	~~KK~~ C	Exceeded Calib. Range	1	Do not use
	All except ~~KK~~ C	Dilution	2	Do not use
	NNNN, QQQ, S, C	Exceeded Calib. Range	3	Do not use
	All except NNNN, QQQ S, C	Dilution	4	Do not use

Comments:

OVRNew.wpc

LDC #: 24099B6

SDG #: 10I193

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 10-13-10

Page: 1 of 1

Reviewer: MG

2nd Reviewer: MG

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(~~SM5310B~~ SM 2540C), TOC (SM5310B), Organic Acids(EPA Method 300)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9-13-10
IIa	Initial calibration	A	
IIb.	Calibration verification	A	
III	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	LCS/LCSD
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: all water

1	MW-70-28-A10	11		21		31	
2	MW-70-27-A10	12		22		32	
3	PBW	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24099B6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: MG
2nd reviewer: ____

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1-2	W	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN NH3 TKN (TOC) CR6+ ClO4 (Br) (Org Acid)
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN NH3 TKN TOC CR6+ ClO4 ____

Comments: ____

LDC #: 24099B51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-14-10
SDG #: 10I193 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/13/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCVE ≤ 20%
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	~~N~~ SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All H2O

1	MW-70-28-A10	11		21		31	DG I013W-BLK
2	MW-70-28-A10DL	12		22		32	
3	MW-70-27-A10	13		23		33	
4	MW-70-27-A10DL	14		24		34	
5	MW-70-~~A~~09-A10 (MNK)	15		25		35	
6	MW-70-~~A~~09-A10DL (MNK)	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24099B51
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: X GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Ethene, Methane	Exceeded Calib. Range	1,3	Do not use
	Ethane	Dilution	2,4	Do not use
	Methane	Exceeded Calib. Range	5	Do not use
	Ethane, Ethane	Dilution	6	Do not use

Comments:

OVRNew.wpd

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3020 E. Miraloma
Anaheim, CA 92806
ATTN: Mr. Nick Weinberger

October 19, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report for the fractions listed below. These SDGs were received on October 12th, 2010.

LDC project# 24113:

SDG #	**Fraction**
10I091, 10I266	Volatiles (EPA SW 846 Method 8260B) Dissolved Metals (EPA SW 846 Method 6010B) Dissolved Gases (Method RSK-175) Wet Chemistry (EPA Method 300.0, 300.0M, Standard Method 2320B, 2540C, 4500F, and 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Detection and Quantitation Limits

- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
08-Sep-2010	TB-9/8/10	I091-06	TB	5030B	8260B	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	3010A	6010B	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	5030B	8260B	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	2320B	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	2540C	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	300.0	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	300.0M	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	4500F	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	5310B	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-PMW05A-A10	I091-01T	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	3010A	6010B	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	5030B	8260B	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	2320B	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	2540C	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	300.0	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	300.0M	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	4500F	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	5310B	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-PMW05B-A10DUP	I091-02D	DUP	GEN PREP	2320B	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02I	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-PMW05B-A10	I091-02T	N	GEN PREP	RSK175	3
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	5030B	8260B	3
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	GEN PREP	2320B	3
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	GEN PREP	2540C	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	GEN PREP	300.0	3
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	GEN PREP	300.0M	3
08-Sep-2010	IW-70-FSB108-A10	I091-03	N	GEN PREP	RSK175	3
08-Sep-2010	IW-70-FSB108-A10	I091-03T	N	5030B	8260B	3
08-Sep-2010	IW-70-FSB108-A10	I091-03T	N	GEN PREP	5310B	3
08-Sep-2010	IW-70-FSB108-A10	I091-03T	N	GEN PREP	RSK175	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	5030B	8260B	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	2320B	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	2540C	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	300.0	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	300.0M	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	5310B	3
08-Sep-2010	IW-70-FSB118-A10	I091-04	N	GEN PREP	RSK175	3
08-Sep-2010	IW-70-FSB118-A10	I091-04T	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-MNA03-A10	I091-05	N	GEN PREP	RSK175	3
08-Sep-2010	MW-70-MNA03-A10	I091-05R	N	5030B	8260B	3
08-Sep-2010	MW-70-MNA03-A10	I091-05T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I091 | Laboratory: EMXT

EDD Filename: 10I091 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM
Method: 300.0 **Matrix:** AQ

Sample ID: IW-70-FSB118-A10 *Collected:* 9/8/2010 11:34:00 *Analysis Type:* DL2 *Dilution:* 5

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	1.77	1.25	2.50	MG/L	J	J	RI

Sample ID: MW-70-PMW05B-A10 *Collected:* 9/8/2010 9:38:00 AM *Analysis Type:* DL *Dilution:* 40

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	1.67	1.25	2.50	MG/L	J	J	RI

Method Category: METALS
Method: 6010B **Matrix:** AQ

Sample ID: MW-70-PMW05B-A10 *Collected:* 9/8/2010 9:38:00 AM *Analysis Type:* RES/DIS *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
MANGANESE	0.195	0.00300	0.200	MG/L	J	J	RI

Method Category: SVOA
Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-PMW05A-A10 *Collected:* 9/8/2010 9:00:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.91	0.60	2.0	UG/L	J	J	RI

Method Category: VOA
Method: 8260B **Matrix:** AQ

Sample ID: IW-70-FSB108-A10 *Collected:* 9/8/2010 10:32:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CHLOROETHANE	0.67	0.20	2.0	UG/L	J	J	RI
CHLOROMETHANE	0.23	0.20	2.0	UG/L	J	J	RI
TRICHLOROETHENE	0.38	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I091 | Laboratory: EMXT

EDD Filename: 10I091 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-FSB118-A10 *Collected:* 9/8/2010 11:34:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ACETONE	5.4	5.0	10	UG/L	J	J	RI
CHLOROETHANE	0.29	0.20	2.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.98	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.58	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-MNA03-A10 *Collected:* 9/8/2010 1:25:00 PM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TETRACHLOROETHYLENE	0.22	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.27	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.85	0.20	5.0	UG/L	J	J	RI
VINYL CHLORIDE	0.35	0.20	0.50	UG/L	J	J	RI

Sample ID: MW-70-PMW05A-A10 *Collected:* 9/8/2010 9:00:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.32	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.94	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	1.6	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-PMW05B-A10 *Collected:* 9/8/2010 9:38:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.21	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	0.99	0.20	5.0	UG/L	J	J	RI

Sample ID: TB-9/8/10 *Collected:* 9/8/2010 7:00:00 AM *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.60	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I091 **Laboratory: EMXT**

EDD Filename: 10I091 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I091 **Laboratory: EMXT**

EDD Filename: 10I091 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I091 **Laboratory: EMXT**

EDD Filename: 10I091 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I091

Reporting Limit Outliers

Lab Reporting Batch ID: 10I091 **Laboratory: EMXT**

EDD Filename: 10I091 **eQAPP Name: SealBeach_IRSite70**

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-FSB118-A10	BROMIDE	J	1.77	2.50	MG/L	J (all detects)
MW-70-PMW05B-A10	BROMIDE	J	1.67	2.50	MG/L	J (all detects)

Method: 6010B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW05B-A10	MANGANESE	J	0.195	0.200	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-FSB108-A10	ACETONE	J	480	500	UG/L	J (all detects)
	CHLOROETHANE	J	0.67	2.0	UG/L	
	CHLOROMETHANE	J	0.23	2.0	UG/L	
	TRICHLOROETHENE	J	0.38	5.0	UG/L	
IW-70-FSB118-A10	ACETONE	J	5.4	10	UG/L	J (all detects)
	CHLOROETHANE	J	0.29	2.0	UG/L	
	CIS-1,2-DICHLOROETHENE	J	0.98	1.0	UG/L	
	TRICHLOROETHENE	J	0.58	5.0	UG/L	
MW-70-MNA03-A10	TETRACHLOROETHYLENE	J	0.22	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	0.27	1.0	UG/L	
	TRICHLOROETHENE	J	0.65	5.0	UG/L	
	VINYL CHLORIDE	J	0.35	0.50	UG/L	
MW-70-PMW05A-A10	CARBON DISULFIDE	J	0.32	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	0.94	1.0	UG/L	
	TRICHLOROETHENE	J	1.6	5.0	UG/L	
MW-70-PMW05B-A10	1,1-DICHLOROETHANE	J	0.21	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	0.99	5.0	UG/L	
TB-9/8/10	METHYLENE CHLORIDE	J	0.60	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW05A-A10	ETHANE	J	0.91	2.0	UG/L	J (all detects)

LDC #: 24113A1

SDG #: 10I091

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10-14-10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates. 9/8/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 30 %
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25 %
V.	Blanks	N	
VI	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII	Laboratory control samples	N	
IX	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	~~SW~~	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	TB=8

Note. A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples.

All H2O

1	MW-70-PMW05A-A10	11		21		31	V094I08-BLK
2	MW-70-PMW05B-A10	12		22		32	V094I10-BLK
3	IW-70-FSB108-A10	13		23		33	
4	IW-70-FSB108-A10DL	14		24		34	
5	IW-70-FSB118-A10	15		25		35	
6	MW-70-MNA03-A10	16		26		36	
~~7~~	~~MW-70-MNA03-A10DL~~	17		27		37	
8	TB-9/9/10	18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Freon 113
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24113A1
SDG #: See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: KP
2nd Reviewer: [illegible]

METHOD: X GC MS HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	C	Exceeded Calib. Range	3	Do not use
	All except C	Dilution	4	Do not use

Comments:

OVRNew.wpd

LDC #: 24113A4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-13-10

SDG #: 10I091 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: MG

2nd Reviewer: ✓

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~ MH)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9-8-10
II.	ICP/MS Tune	N	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	N	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N	LCS/LCSD
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	N	
XIV	Field Duplicates	N	
XV	Field Blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: all water

1	MW-70-PMW05A-A10	11		21		31	
2	MW-70-PMW05B-A10	12		22		32	
3	PBW	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24113A4

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Reviewer: MG
2nd reviewer: W

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1, 2	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
Analysis Method		
ICP	W	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN-, ____

Comments: Mercury by CVAA if performed

LDC #: 24113A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10-13-10

SDG #: 10I091 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: MG

2nd Reviewer: (SM 2540C)

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(~~SM5310B~~), TOC (SM5310B), Organic Acids(EPA Method 300), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9-8-10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	DUP
VI.	Laboratory control samples	N	LCS/LCSD
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	N	
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: all water

1	MW-70-PMW05A-A10	11		21		31	
2	MW-70-PMW05B-A10	12		22		32	
3	IW-70-FSB108-A10	13		23		33	
4	IW-70-FSB118-A10	14		24		34	
5	MW-70-PMW05B-A10DUP	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9	PBW1	19		29		39	
10	PBW2	20		30		40	

Notes:

LDC #: 24113A6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: MG
2nd reviewer: ✓

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1, 2	W	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN- NH3 TKN (TOC) CR6+ ClO4 (Br) (Org Acid) (H2S)
3, 4	↓	pH (TDS) (Cl) F (NO3) (NO2) (SO4) PO4 (ALK) CN- NH3 TKN (TOC) CR6+ ClO4 (Br) (Org Acid)
DC 5	↓	pH TDS Cl F NO3 NO2 SO4 PO4 (ALK) CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____
		pH TDS Cl F NO3 NO2 SO4 PO4 ALK CN- NH3 TKN TOC CR6+ ClO4 ____ ____

Comments: ____

LDC #: 24113A51 **VALIDATION COMPLETENESS WORKSHEET**
SDG #: 10I091 ADR
Laboratory: EMAX Laboratories, Inc.

Date: 10-14-10
Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/8/10
IIa.	Initial calibration	A	%RSD ≤ 20%
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 25%
III.	Blanks	N	
IVa	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	N	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: All H2O

1	MW-70-PMW05A-A10	11	MW-70-PMW05B-A10DL2			31	DGI009W-BLK
2	MW-70-PMW05A-A10DL	12		22		32	
3	MW-70-PMW05B-A10	13		23		33	
4	MW-70-PMW05B-A10DL	14		24		34	
5	IW-70-FSB108-A10	15		25		35	
6	IW-70-FSB108-A10DL	16		26		36	
7	IW-70-FSB118-A10	17		27		37	
8	IW-70-FSB118-A10DL	18		28		38	
9	MW-70-MNA03-A10	19		29		39	
10	MW-70-MNA03-A10DL	20		30		40	

Notes:

LDC # 24113A57
SDG # See Cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: MT
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

[illegible] N N/A Was the overall quality and usability of the data acceptable?

#	Compound Name	Finding	Associated Samples	Qualifications
	Methane	Exceeded Calib. Range	1,4,5,7,9	Do not use
	Ethane, Ethene	Dilution	2,11,6,8,10	Do not use
	Methane, Ethene	Exceeded Calib. Range	3	Do not use
	Methane, Ethane	Exceeded Calib. / Dilution	4	Do not use

Comments

OVRNew.wpd

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
17-Sep-2010	TRIP BLANK-TB-9/17/10	I266-05	TB	5030B	8260B	3
17-Sep-2010	MW-70-POC01-A10	I266-01	N	5030B	8260B	3
17-Sep-2010	MW-70-35-A10	I266-02	N	5030B	8260B	3
17-Sep-2010	MW-70-23-A10	I266-03	N	5030B	8260B	3
17-Sep-2010	MW-70-16-A10	I266-04	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I266 | Laboratory: EMXT

EDD Filename: 10I266 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-16-A10 *Collected:* 9/17/2010 12:10:00 *Analysis Type:* RES-BASE/NEUTRAL *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-23-A10 *Collected:* 9/17/2010 11:00:00 *Analysis Type:* RES-BASE/NEUTRAL *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-35-A10 *Collected:* 9/17/2010 10:00:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.52	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-POC01-A10 *Collected:* 9/17/2010 9:10:00 *Analysis Type:* RES-BASE/NEUTRAL *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: TRIP BLANK-TB-9/17/10 *Collected:* 9/17/2010 7:00:00 *Analysis Type:* RES-BASE/NEUTRAL *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.70	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I266 **Laboratory: EMXT**

EDD Filename: 10I266 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I266 **Laboratory: EMXT**

EDD Filename: 10I266 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I266 **Laboratory: EMXT**

EDD Filename: 10I266 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I266

Reporting Limit Outliers

Lab Reporting Batch ID: 10I266 **Laboratory: EMXT**

EDD Filename: 10I266 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-35-A10	1,1-DICHLOROETHANE	J	0.52	1.0	UG/L	J (all detects)
TRIP BLANK-TB-9/17/10	METHYLENE CHLORIDE	J	0.70	1.0	UG/L	J (all detects)

LDC #: 24113B1

SDG #: 10I266

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10-14-10

Page: 1 of 1

Reviewer: RT

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/17/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 30 %
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25 %
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	N	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	TB = 5

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All H2O

1	MW-70-POC01-A10	11		21		31	V006I25-BLK
2	MW-70-35-A10	12		22		32	V006I26-BLK
3	MW-70-23-A10	13		23		33	
4	MW-70-16-A10	14		24		34	
5	TRIP BLANK-TB-9/17/10	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC. 1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN. Freon 113
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC # 241138B1
SDG # See Cover

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/27/10	P1W491.D	LLL	27.1		5+ V006I25-BLK	J/UJ/A
	9/28/10	P1W515.D	LLL	29.4		1-4, V006126-BLK	J/UJ/A

CONCAL_8260B 1S

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3020 E. Miraloma
Anaheim, CA 92806
ATTN: Mr. Nick Weinberger

November 3, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report for the fractions listed below. These SDGs were received on October 22nd, 2010.

LDC project# 24182:

SDG #	Fraction
10I246, 10I305	Volatiles (EPA SW 846 Method 8260B)
10I343, 10I370	Dissolved Metals (EPA SW 846 Method 6010B)
10I614	Dissolved Gases (Method RSK-175)
	Wet Chemistry (EPA Method 300.0, 300.0M, Standard Method 2320B, 2540C, 4500F, and 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Detection and Quantitation Limits

- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
15-Sep-2010	TB-9/15/10	I246-11	TB	5030B	8260B	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	5030B	8260B	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	GEN PREP	2320B	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	GEN PREP	2540C	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	GEN PREP	300.0	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	GEN PREP	300.0M	3
15-Sep-2010	IW-70-SHB113-A10	I246-01	N	GEN PREP	RSK175	3
15-Sep-2010	IW-70-SHB113-A10	I246-01J	N	GEN PREP	RSK175	3
15-Sep-2010	IW-70-SHB113-A10	I246-01T	N	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	3010A	6010B	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	5030B	8260B	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	2320B	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	2540C	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	300.0	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	300.0M	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	4500F	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW09-A10	I246-02	N	GEN PREP	RSK175	3
15-Sep-2010	MW-70-PMW09-A10DUP	I246-02D	DUP	GEN PREP	2320B	3
15-Sep-2010	MW-70-PMW09-A10DUP	I246-02D	DUP	GEN PREP	2540C	3
15-Sep-2010	MW-70-PMW09-A10DUP	I246-02D	DUP	GEN PREP	300.0	3
15-Sep-2010	MW-70-PMW09-A10DUP	I246-02D	DUP	GEN PREP	300.0M	3
15-Sep-2010	MW-70-PMW09-A10DUP	I246-02D	DUP	GEN PREP	4500F	3
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	3010A	6010B	3
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	5030B	8260B	3
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	GEN PREP	300.0	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	GEN PREP	300.0M	3
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW09-A10MS	I246-02M	MS	GEN PREP	RSK175	3
15-Sep-2010	MW-70-PMW09-A10MSD	I246-02S	MSD	3010A	6010B	3
15-Sep-2010	MW-70-PMW09-A10MSD	I246-02S	MSD	5030B	8260B	3
15-Sep-2010	MW-70-PMW09-A10MSD	I246-02S	MSD	GEN PREP	300.0	3
15-Sep-2010	MW-70-PMW09-A10MSD	I246-02S	MSD	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW09-A10MSD	I246-02S	MSD	GEN PREP	RSK175	3
15-Sep-2010	MW-70-PMW09-A10	I246-02T	N	5030B	8260B	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	3010A	6010B	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	5030B	8260B	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	2320B	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	2540C	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	300.0	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	300.0M	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	4500F	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW10-A10	I246-03	N	GEN PREP	RSK175	3
15-Sep-2010	MW-70-PMW10-A10	I246-03T	N	5030B	8260B	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	3010A	6010B	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	5030B	8260B	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	2320B	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	2540C	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	300.0	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	300.0M	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	4500F	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	5310B	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04	FD	GEN PREP	RSK175	3
15-Sep-2010	MW-70-PMW10-A10-D	I246-04T	FD	5030B	8260B	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	3010A	6010B	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	2320B	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	2540C	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	300.0	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	300.0M	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	4500F	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	5310B	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05R	N	5030B	8260B	3
16-Sep-2010	MW-70-PMW12A-A10	I246-05T	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	3010A	6010B	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	5030B	8260B	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	2320B	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	2540C	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	300.0	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	300.0M	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	4500F	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	5310B	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07I	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10	I246-07T	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	3010A	6010B	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	2320B	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	2540C	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	300.0	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	300.0M	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	4500F	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	5310B	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06	FD	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06I	FD	GEN PREP	RSK175	3
16-Sep-2010	MW-70-PMW12B-A10-D	I246-06T	FD	GEN PREP	RSK175	3
16-Sep-2010	RDO-5-A10	I246-08	N	GEN PREP	RSK175	3
16-Sep-2010	RDO-5-A10	I246-08R	N	5030B	8260B	3
16-Sep-2010	RDO-5-A10	I246-08T	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-MNA07-A10	I246-09	N	5030B	8260B	3
16-Sep-2010	MW-70-MNA07-A10	I246-09	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-MNA07-A10	I246-09I	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-MNA07-A10	I246-09T	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-MNA08-A10	I246-10	N	5030B	8260B	3
16-Sep-2010	MW-70-MNA08-A10	I246-10	N	GEN PREP	RSK175	3
16-Sep-2010	MW-70-MNA08-A10	I246-10T	N	5030B	8260B	3
16-Sep-2010	MW-70-MNA08-A10	I246-10T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 | Laboratory: EMXT

EDD Filename: Prep10I246 | eQAPP Name: SealBeach_IRSite70

Method Category: GENCHEM

Method: 300.0 **Matrix:** AQ

Sample ID: MW-70-PMW10-A10 *Collected:* 9/15/2010 12:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	0.460	0.250	0.500	MG/L	J	J	RI

Sample ID: MW-70-PMW10-A10-D *Collected:* 9/15/2010 12:40:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
BROMIDE	0.410	0.250	0.500	MG/L	J	J	RI

Method Category: METALS

Method: 6010B **Matrix:** AQ

Sample ID: MW-70-PMW09-A10 *Collected:* 9/15/2010 11:50:00 *Analysis Type:* RES/TOT *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
MANGANESE	0.155	0.00300	0.200	MG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10 *Collected:* 9/16/2010 10:45:00 *Analysis Type:* RES/TOT *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ARSENIC	0.0182	0.00500	0.200	MG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10-D *Collected:* 9/16/2010 10:52:00 *Analysis Type:* RES/TOT *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ARSENIC	0.0181	0.00500	0.200	MG/L	J	J	RI

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-MNA07-A10 *Collected:* 9/16/2010 2:05:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.4	0.60	2.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 | Laboratory: EMXT

EDD Filename: Prep10I246 | eQAPP Name: SealBeach_IRSite70

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-MNA08-A10 **Collected:** 9/16/2010 2:45:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.5	0.60	2.0	UG/L	J	J	RI
ETHENE	0.73	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW09-A10 **Collected:** 9/15/2010 11:50:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.1	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW10-A10 **Collected:** 9/15/2010 12:35:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.81	0.60	2.0	UG/L	J	J	RI
ETHENE	1.2	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW10-A10-D **Collected:** 9/15/2010 12:40:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.87	0.60	2.0	UG/L	J	J	RI
ETHENE	1.2	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10 **Collected:** 9/16/2010 10:45:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.7	0.60	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10-D **Collected:** 9/16/2010 10:52:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	1.7	0.60	2.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 | Laboratory: EMXT

EDD Filename: Prep10I246 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-SHB113-A10 **Collected:** 9/15/2010 10:41:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-BUTANONE	10	5.0	10	UG/L	U	UJ	CcvRrf
ACETONE	10	5.0	10	UG/L	U	UJ	CcvRrf, Ccv
CHLOROETHANE	0.47	0.20	2.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TETRACHLOROETHYLENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TRICHLOROETHENE	4.1	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-MNA07-A10 **Collected:** 9/16/2010 2:05:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-BUTANONE	7.9	5.0	10	UG/L	J	J	RI
CARBON DISULFIDE	0.37	0.20	1.0	UG/L	J	J	RI, ProfJudg
CHLOROETHANE	0.57	0.20	2.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	20	0.20	1.0	UG/L		J	Ccv
TRICHLOROETHENE	2.6	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-MNA08-A10 **Collected:** 9/16/2010 2:45:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.28	0.20	1.0	UG/L	J	J	RI, ProfJudg
TRICHLOROFLUOROMETHANE	0.42	0.20	2.0	UG/L	J	J	RI

Sample ID: MW-70-PMW09-A10 **Collected:** 9/15/2010 11:50:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.72	0.20	1.0	UG/L	J	J	RI
2-BUTANONE	10	5.0	10	UG/L	U	UJ	CcvRrf
ACETONE	10	5.0	10	UG/L	U	UJ	CcvRrf, Ccv
CARBON DISULFIDE	0.23	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TETRACHLOROETHYLENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-PMW10-A10 **Collected:** 9/15/2010 12:35:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-BUTANONE	10	5.0	10	UG/L	U	UJ	CcvRrf

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: Prep10I246 **eQAPP Name: SealBeach_IRSite70**

Method Category: VOA

Method: 8260B *Matrix:* AQ

Sample ID: MW-70-PMW10-A10 *Collected:* 9/15/2010 12:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ACETONE	10	5.0	10	UG/L	U	UJ	CcvRrf, Ccv
CARBON DISULFIDE	0.26	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TETRACHLOROETHYLENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-PMW10-A10-D *Collected:* 9/15/2010 12:40:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-BUTANONE	10	5.0	10	UG/L	U	UJ	CcvRrf
ACETONE	10	5.0	10	UG/L	U	UJ	CcvRrf, Ccv
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TETRACHLOROETHYLENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-PMW12A-A10 *Collected:* 9/16/2010 9:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.37	0.20	1.0	UG/L	J	J	RI
CIS-1,2-DICHLOROETHENE	0.59	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	1.1	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10 *Collected:* 9/16/2010 10:45:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.34	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.57	0.20	1.0	UG/L	J	J	RI, ProfJudg
CIS-1,2-DICHLOROETHENE	2.5	0.20	1.0	UG/L		J	Ccv
TRICHLOROETHENE	4.7	0.20	5.0	UG/L	J	J	RI

Sample ID: MW-70-PMW12B-A10-D *Collected:* 9/16/2010 10:52:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.34	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.56	0.20	1.0	UG/L	J	J	RI, ProfJudg
CIS-1,2-DICHLOROETHENE	2.4	0.20	1.0	UG/L		J	Ccv
TRICHLOROETHENE	4.8	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 | Laboratory: EMXT

EDD Filename: Prep10I246 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: RDO-5-A10 *Collected:* 9/16/2010 1:30:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.24	0.20	1.0	UG/L	J	J	RI
TRANS-1,2-DICHLOROETHENE	0.79	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	4.2	0.20	5.0	UG/L	J	J	RI

Sample ID: TB-9/15/10 *Collected:* 9/15/2010 7:00:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-BUTANONE	10	5.0	10	UG/L	U	UJ	CcvRrf
ACETONE	10	5.0	10	UG/L	U	UJ	CcvRrf, Ccv
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.58	0.50	1.0	UG/L	J	J	RI
TETRACHLOROETHYLENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: Prep10I246 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: Prep10I246 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: Prep10I246 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I246

Reporting Limit Outliers

Lab Reporting Batch ID: 10I246 | **Laboratory: EMXT**

EDD Filename: Prep10I246 | **eQAPP Name: SealBeach_IRSite70**

Method: 300.0
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW10-A10	BROMIDE	J	0.460	0.500	MG/L	J (all detects)
MW-70-PMW10-A10-D	BROMIDE	J	0.410	0.500	MG/L	J (all detects)

Method: 6010B
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW09-A10	MANGANESE	J	0.155	0.200	MG/L	J (all detects)
MW-70-PMW12B-A10	ARSENIC	J	0.0182	0.200	MG/L	J (all detects)
MW-70-PMW12B-A10-D	ARSENIC	J	0.0181	0.200	MG/L	J (all detects)

Method: 8260B
Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SHB113-A10	CHLOROETHANE	J	0.47	2.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	4.1	5.0	UG/L	
MW-70-MNA07-A10	2-BUTANONE	J	7.9	10	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.37	1.0	UG/L	
	CHLOROETHANE	J	0.57	2.0	UG/L	
	TRICHLOROETHENE	J	2.6	5.0	UG/L	
MW-70-MNA08-A10	CARBON DISULFIDE	J	0.28	1.0	UG/L	J (all detects)
	TRICHLOROFLUOROMETHANE	J	0.42	2.0	UG/L	
MW-70-PMW09-A10	1,1-DICHLOROETHANE	J	0.72	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.23	1.0	UG/L	
MW-70-PMW10-A10	CARBON DISULFIDE	J	0.26	1.0	UG/L	J (all detects)
MW-70-PMW12A-A10	CARBON DISULFIDE	J	0.37	1.0	UG/L	J (all detects)
	CIS-1,2-DICHLOROETHENE	J	0.59	1.0	UG/L	
	TRICHLOROETHENE	J	1.1	5.0	UG/L	
MW-70-PMW12B-A10	1,1-DICHLOROETHANE	J	0.34	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.57	1.0	UG/L	
	TRICHLOROETHENE	J	4.7	5.0	UG/L	
MW-70-PMW12B-A10-D	1,1-DICHLOROETHANE	J	0.34	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.56	1.0	UG/L	
	TRICHLOROETHENE	J	4.8	5.0	UG/L	
RDO-5-A10	CARBON DISULFIDE	J	0.24	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	0.79	1.0	UG/L	
	TRICHLOROETHENE	J	4.2	5.0	UG/L	
TB-9/15/10	METHYLENE CHLORIDE	J	0.58	1.0	UG/L	J (all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: Prep10I246 **eQAPP Name: SealBeach_IRSite70**

Method: **RSK175**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-MNA07-A10	ETHANE	J	1.4	2.0	UG/L	J (all detects)
MW-70-MNA08-A10	ETHANE ETHENE	J J	1.5 0.73	2.0 2.0	UG/L UG/L	J (all detects)
MW-70-PMW09-A10	ETHENE	J	1.1	2.0	UG/L	J (all detects)
MW-70-PMW10-A10	ETHANE ETHENE	J J	0.81 1.2	2.0 2.0	UG/L UG/L	J (all detects)
MW-70-PMW10-A10-D	ETHANE ETHENE	J J	0.87 1.2	2.0 2.0	UG/L UG/L	J (all detects)
MW-70-PMW12B-A10	ETHANE	J	1.7	2.0	UG/L	J (all detects)
MW-70-PMW12B-A10-D	ETHANE	J	1.7	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 101246 | Laboratory: EMXT

EDD Filename: 101246 | eQAPP Name: SealBeach_IRSite70

Method: 2320B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
Total Alkalinity	372	373	0	20.00	No Qualifiers Applied

Analyte	Concentration (MG/L) MW-70-PMW10-A10	MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
Total Alkalinity	196	196	0	20.00	No Qualifiers Applied

Method: 2540C
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
TDS	3590	3700	3	20.00	No Qualifiers Applied

Analyte	Concentration (MG/L) MW-70-PMW10-A10	MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
TDS	1310	1320	1	20.00	No Qualifiers Applied

Method: 300.0
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
BROMIDE	5.56	5.82	5	20.00	No Qualifiers Applied
Chloride-Cl	1640	1630	1	20.00	
SULFATE	354	349	1	20.00	

Analyte	Concentration (MG/L) MW-70-PMW10-A10	MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
BROMIDE	0.460	0.410	11	20.00	No Qualifiers Applied
Chloride-Cl	321	324	1	20.00	
SULFATE	370	374	1	20.00	

Method: 300.0M
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
Acetate	1.38	1.00 U	200	20.00	No Qualifiers Applied

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
TOC	2.39	2.47	3	20.00	No Qualifiers Applied

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: 10I246 **eQAPP Name: SealBeach_IRSite70**

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW10-A10	Concentration (MG/L) MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
TOC	1.20	1.32	10	20.00	No Qualifiers Applied

Method: 6010B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW12B-A10	Concentration (MG/L) MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
ARSENIC	0.0182	0.0181	1	20.00	No Qualifiers Applied
IRON	17.2	17.3	1	20.00	
MANGANESE	0.728	0.735	1	20.00	

Analyte	Concentration (MG/L) MW-70-PMW10-A10	Concentration (MG/L) MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
IRON	0.505	0.494	2	20.00	No Qualifiers Applied
MANGANESE	0.263	0.262	0	20.00	

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-PMW12B-A10	Concentration (UG/L) MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHANE	0.34	0.34	0	20.00	No Qualifiers Applied
CARBON DISULFIDE	0.57	0.56	2	20.00	
CIS-1,2-DICHLOROETHENE	2.5	2.4	4	20.00	
TRANS-1,2-DICHLOROETHENE	45	45	0	20.00	
TRICHLOROETHENE	4.7	4.8	2	20.00	
VINYL CHLORIDE	99	99	0	20.00	

Analyte	Concentration (UG/L) MW-70-PMW10-A10	Concentration (UG/L) MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHANE	1.8	1.6	12	20.00	No Qualifiers Applied
1,1-DICHLOROETHENE	12	11	9	20.00	
CARBON DISULFIDE	0.26	1.0 U	200	20.00	
CIS-1,2-DICHLOROETHENE	2200	2100	5	20.00	
TRANS-1,2-DICHLOROETHENE	100	100	0	20.00	
TRICHLOROETHENE	690	530	26	20.00	
VINYL CHLORIDE	3.8	3.5	8	20.00	

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-PMW12B-A10	Concentration (UG/L) MW-70-PMW12B-A10-D	Sample RPD	eQAPP RPD	Flag
ETHANE	1.7	1.7	0	20.00	No Qualifiers Applied
ETHENE	71	74	4	20.00	
METHANE	15000	13000	14	20.00	

Analyte	Concentration (UG/L) MW-70-PMW10-A10	Concentration (UG/L) MW-70-PMW10-A10-D	Sample RPD	eQAPP RPD	Flag

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I246 **Laboratory: EMXT**

EDD Filename: 10I246 **eQAPP Name: SealBeach_IRSite70**

Method: RSK175

Matrix: AQ

ETHANE	0.81	0.87	7	20.00	
ETHENE	1.2	1.2	0	20.00	No Qualifiers Applied
METHANE	25	25	0	20.00	

LDC #: 24182A1

SDG #: 10I246

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/23/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/15 - 9/16/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ≤ 2
IV.	Continuing calibration/ICV	SW	ICV / CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	D: 4+6 D: 5+7 D: 9+10
XVII.	Field blanks	N	TB: 15

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SHB113-A10	11	RDO-5-A10	21		31	
2	MW-70-PMW09-A10	12	MW-70-MNA07-A10	22		32	
3	MW-70-PMW09-A10DL	13	MW-70-MNA08-A10	23		33	
4	MW-70-PMW10-A10	14	MW-70-MNA08-A10DL	24		34	
5	MW-70-PMW10-A10DL	15	TB-9/15/10	25		35	
6	MW-70-PMW10-A10-D	16	MW-70-PMW09-A10MS	26		36	
7	MW-70-PMW10-A10-DDL	17	MW-70-PMW09-A10MSD	27		37	
8	MW-70-PMW12A-A10	18		28		38	
9	MW-70-PMW12B-A10-D	19		29		39	
10	MW-70-PMW12B-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride**	W. trans-1,3-Dichloropropane	QQ 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24182A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
(Y) N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
1	9/18/10	R10338	AA	26.9		1, 2, 4, 6,	J / UJ / A
			LLL	26.3		15	
			F	27			
			F		0.007		
			M		0.008		
2	9/18/10	R10360	QQQ	27.7		9, 10, 12, 13	
			~~G~~	~~98.0~~	~~Q~~		
			~~G~~		~~0.017~~		
			G	not spiked in CCV mixture			
4	9/29/10	R10565	JJ	25.8		3, 5, 7, 14	J

CONCAL.1SB

LDC #: 24182A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

(Y) N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2.13	222 > calib range		J all / A
		4.6	222, PPP, 5 >	calib range	↓

Comments: See sample calculation verification worksheet for recalculations

COMQUA.1S

LDC #: 24182A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

2nd Reviewer. __

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2.13	QQQ > calib range		Do Not Use
		3.14	all except QQQ - diluted		↓
		4.6	QQQ, PPP, S > calib range		↓
		5.7	all except QQQ, PPP, S - diluted		↓

Comments: _____

OVR.1S

LDC #: 24182A4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/26/10

SDG #: 10I246 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/15/10, 9/16/10
II.	ICP/MS Tune	N	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N A	
VI.	Matrix Spike Analysis	N A	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N A	LCS/LCSD
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N A	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	N	
XIV.	Field Duplicates	—	(2,3) (5,6)
XV	Field Blanks	—	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: All

1	MW-70-PMW09-A10	11	MB	21		31	
2	MW-70-PMW10-A10	12		22		32	
3	MW-70-PMW10-A10-D	13		23		33	
4	MW-70-PMW12A-A10	14		24		34	
5	MW-70-PMW12B-A10-D	15		25		35	
6	MW-70-PMW12B-A10	16		26		36	
7	MW-70-PMW09-A10MS	17		27		37	
8	MW-70-PMW09-A10MSD	18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182A1

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1-6	Air	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
7-8	Air	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
		Analysis Method
ICP		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻, ____

Comments: Mercury by CVAA if performed

LDC #: 24182A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/6/10
SDG #: 10I246 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer:
2nd Reviewer:

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(SM5310B), TOC (SM5310B), Organic Acids(EPA Method 300), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 9/15/10, 9/16/10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	
V	Duplicates	N	
VI.	Laboratory control samples	N	LCS/LCSD
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX	Field duplicates	—	(3,4) (6,7)
X	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	IW-70-SHB113-A10	11	MB	21		31	
2	MW-70-PMW09-A10	12		22		32	
3	MW-70-PMW10-A10	13		23		33	
4	MW-70-PMW10-A10-D	14		24		34	
5	MW-70-PMW12A-A10	15		25		35	
6	MW-70-PMW12B-A10-D	16		26		36	
7	MW-70-PMW12B-A10	17		27		37	
8	MW-70-PMW09-A10MS	18		28		38	
9	MW-70-PMW09-A10MSD	19		29		39	
10	MW-70-PMW09-A10DUP	20		30		40	

Notes:

LDC # 24182A6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: MM
2nd reviewer:

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1-7	AQ	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 ~~TRC~~ Br Organics
2-7	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
7-8,9,10	AQ	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br
8,11,0	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Organics
↓ 10	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S
↓ 8,9	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4

Comments:

LDC #: 24182A51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/27/16
SDG #: 10I246 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: SM
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Technical holding times	N	Sampling dates: 9/15 - 16/10
IIa.	Initial calibration	A	
IIb.	Calibration verification/ICV	A	≤ 25
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	LCS/D
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	SW	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	(4,5), (10,8), ~~(7,4)~~ (9,11), (21,22)
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SHB113-A10	11	MW-70-PMW12B-A10DL2	21	MW-70-PMW12B-A10-DDL	31	
2	IW-70-SHB113-A10DL	12	RDO-5-A10	22	MW-70-PMW12B-A10DL	32	
3	MW-70-PMW09-A10	13	RDO-5-A10DL	23	MW-70-MNA07-A10DL	33	
4	MW-70-PMW10-A10 D1	14	MW-70-MNA07-A10	24		34	
5	MW-70-PMW10-A10-D D1	15	MW-70-MNA07-A10DL2	25		35	
6	MW-70-PMW12A-A10 D2	16	MW-70-MNA08-A10	26		36	
7	MW-70-PMW12A-A10DL D2	17	MW-70-MNA08-A10DL	27		37	
8	MW-70-PMW12B-A10-D D2	18	MW-70-PMW09-A10MS	28		38	
9	MW-70-PMW12B-A10-DDL D2	19	MW-70-PMW09-A10MSD	29		39	
10	MW-70-PMW12B-A10	20	~~MW-70-PMW12B-A10DL~~	30		40	

Notes:

LDC #: 24182
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1, 6, ~~[illegible]~~ 12, 16, 9, 11, 15	methane > cal range	1, 6, 12, 16, ~~[illegible]~~ 9, 11, 15	J det / A
		8, 10, 14	ethene, methane > cal range	8, 10, 14	

Comments: ~~See sample calculation verification worksheet for recalculations~~

LDC #: 24182
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC ___ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1,6,9,11,12,15,16	methane > cal range	1,6,9,11,12,15,16	R/A
		2,7,17,21-23	all except methane (diluted out)	2,7,17,21-23	
		8,10,14	ethene, methane > cal range	8,10,14	
		9,11,15	ethane, (diluted out)	9,11,15	

Comments:

V:\Validation Worksheets\GC\OVR.GC

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
20-Sep-2010	TB-09/20/10	I305-03	TB	5030B	8260B	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	5030B	8260B	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	GEN PREP	2320B	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	GEN PREP	2540C	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	GEN PREP	300.0	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	GEN PREP	300.0M	3
20-Sep-2010	IW-70-SSB109-A10	I305-01	N	GEN PREP	RSK175	3
20-Sep-2010	IW-70-SSB109-A10	I305-01T	N	GEN PREP	5310B	3
20-Sep-2010	IW-70-SSB109-A10	I305-01T	N	GEN PREP	RSK175	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	3010A	6010B	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	2320B	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	2540C	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	300.0	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	300.0M	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	4500F	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	5310B	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02	N	GEN PREP	RSK175	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	2320B	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	2540C	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	300.0	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	300.0M	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	4500F	3
20-Sep-2010	MW-70-PMW14A-A10DUP	I305-02D	DUP	GEN PREP	5310B	3
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02M	MS	3010A	6010B	3
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02M	MS	GEN PREP	300.0	3
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02M	MS	GEN PREP	300.0M	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02M	MS	GEN PREP	5310B	3
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02M	MS	GEN PREP	RSK175	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02R	N	5030B	8260B	3
20-Sep-2010	MW-70-PMW14A-A10MSD	I305-02S	MSD	3010A	6010B	3
20-Sep-2010	MW-70-PMW14A-A10MSD	I305-02S	MSD	GEN PREP	300.0	3
20-Sep-2010	MW-70-PMW14A-A10MSD	I305-02S	MSD	GEN PREP	5310B	3
20-Sep-2010	MW-70-PMW14A-A10MSD	I305-02S	MSD	GEN PREP	RSK175	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02T	N	5030B	8260B	3
20-Sep-2010	MW-70-PMW14A-A10	I305-02T	N	GEN PREP	RSK175	3
20-Sep-2010	MW-70-PMW14A-A10MS	I305-02U	MS	5030B	8260B	3
20-Sep-2010	MW-70-PMW14A-A10MSD	I305-02V	MSD	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I305 | **Laboratory: EMXT**

EDD Filename: 10I305 | **eQAPP Name: SealBeach_IRSite70**

Method Category: GENCHEM
Method: 300.0 **Matrix:** AQ

Sample ID: IW-70-SSB109-A10 *Collected:* 9/20/2010 10:30:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
NITRATE-N	0.0537	0.0500	0.200	MG/L	J	J	RI
SULFATE	0.499	0.250	0.500	MG/L	J	J	RI

Method Category: METALS
Method: 6010B **Matrix:** AQ

Sample ID: MW-70-PMW14A-A10 *Collected:* 9/20/2010 11:40:00 *Analysis Type:* RES/DIS *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ARSENIC	0.00516	0.00500	0.200	MG/L	J	J	RI

Method Category: SVOA
Method: RSK175 **Matrix:** AQ

Sample ID: IW-70-SSB109-A10 *Collected:* 9/20/2010 10:30:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.76	0.60	2.0	UG/L	J	J	RI
ETHENE	1.4	0.60	2.0	UG/L	J	J	RI

Method Category: VOA
Method: 8260B **Matrix:** AQ

Sample ID: IW-70-SSB109-A10 *Collected:* 9/20/2010 10:30:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
2-HEXANONE	8.1	5.0	10	UG/L	J	J	RI
CARBON DISULFIDE	0.77	0.20	1.0	UG/L	J	J	RI
CHLOROETHANE	0.41	0.20	2.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
TRICHLOROETHENE	0.40	0.20	5.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I305 | **Laboratory: EMXT**

EDD Filename: 10I305 | **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **MW-70-PMW14A-A10** ***Collected:*** **9/20/2010 11:40:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.45	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: **TB-09/20/10** ***Collected:*** **9/20/2010 7:00:00** ***Analysis Type:*** **RES-BASE/NEUTRAL** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.77	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I305 **Laboratory: EMXT**

EDD Filename: 10I305 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I305 **Laboratory: EMXT**

EDD Filename: 10I305 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I305 **Laboratory: EMXT**

EDD Filename: 10I305 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I305

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 10I305 **Laboratory: EMXT**

EDD Filename: 10I305 **eQAPP Name: SealBeach_IRSite70**

Method: RSK175
Matrix: AQ

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW-70-PMW14A -A10MS MW-70-PMW14A -A10MSD (MW-70-PMW14A -A10)	METHANE	-23	-15	10.00-160.00	-	METHANE	No Qual, >4x

Method: 300.0
Matrix: AQ

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
MW-70-PMW14A -A10MS MW-70-PMW14A -A10MSD (MW-70-SSB109 -A10 MW-70-PMW14A -A10)	NITRITE-N	133	132	80.00-120.00	-	NITRITE-N	J(all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 10I305 | Laboratory: EMXT

EDD Filename: 10I305 | eQAPP Name: SealBeach_IRSite70

Method: 300.0

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SSB109-A10	NITRATE-N	J	0.0537	0.200	MG/L	J (all detects)
	SULFATE	J	0.499	0.500	MG/L	

Method: 6010B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-PMW14A-A10	ARSENIC	J	0.00516	0.200	MG/L	J (all detects)

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SSB109-A10	2-HEXANONE	J	6.1	10	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.77	1.0	UG/L	
	CHLOROETHANE	J	0.41	2.0	UG/L	
	TRICHLOROETHENE	J	0.40	5.0	UG/L	
MW-70-PMW14A-A10	1,1-DICHLOROETHANE	J	0.45	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	15	250	UG/L	
TB-09/20/10	METHYLENE CHLORIDE	J	0.77	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SSB109-A10	ETHANE	J	0.76	2.0	UG/L	J (all detects)
	ETHENE	J	1.4	2.0	UG/L	

LDC #: 24182B1

SDG #: 10I305

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/28/10

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/20/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD [illegible]
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X	Internal standards	A N	
XI.	Target compound identification	N	
XII	Compound quantitation/CRQLs	SW	
XIII	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	[illegible]	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SSB109-A10	11		21		31	
2	MW-70-PMW14A-A10	12		22		32	
3	MW-70-PMW14A-A10DL	13		23		33	
14	TB-09/20/10	14		24		34	
5	MW-70-PMW14A-A10MS	15		25		35	
6	MW-70-PMW14A-A10MSD	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC. 1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethane, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24182B1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
(Y) N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y (N) N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/28/10	RIW515	LLL	29.4		1-4	J/UJ/A
	9/30/10	RIW615	LLL	27.6		2-3	J

CONCAL.1SB

LDC #: 24182-S1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2	QQQ, C > calib range		J dct / A

Comments: See sample calculation verification worksheet for recalculations

COMQUA.1S

LDC #: 24182B1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y) N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2	QQQ, c > cal. b	range	Do Not Use
		3	[illegible] QQQ	c - d. b.d.	↓

Comments:

OVR.1S

LDC #: 24182B4

SDG #: 10I305

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/26/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/20/10
II.	ICP/MS Tune	N	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N A	
VI.	Matrix Spike Analysis	N A	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	N A	
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	not performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	N	
XIV.	Field Duplicates	N	
XV	Field Blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW14A-A10	11		21		31	
2	MW-70-PMW14A-A10MS	12		22		32	
3	MW-70-PMW14A-A10MSD	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182B4

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1	AQ	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
[illegible]3	AQ	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

LDC #: 24182B6

SDG #: 10I305

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET
ADR

Date: 10/26/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(SM5310B), TOC (SM5310B), Organic Acids(EPA Method 300), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 9/20/10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	No TLT/A (Samples NB)
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	N	
X	Field blanks	✓	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	IW-70-SSB109-A10	11	MB	21		31	
2	MW-70-PMW14A-A10	12		22		32	
3	MW-70-PMW14A-A10MS	13		23		33	
4	MW-70-PMW14A-A10MSD	14		24		34	
5	MW-70-PMW14A-A10DUP	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182B6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: MH
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1, 2	Aq	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 TN Br organics
2	✓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
3-5	Aq	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 Br
3-5	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 organics
5	↓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S
3, 4, 5	✓	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4

Comments:

LDC #: 24182B51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/27/10
SDG #: 10I305 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer: SM
2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/20/10
IIa.	Initial calibration	A	
IIb.	Calibration verification/ICV	A	
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	LCS/D
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	SW	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	IW-70-SSB109-A10	11		21		31	
2	IW-70-SSB109-A10DL	12		22		32	
3	MW-70-PMW14A-A10	13		23		33	
4	MW-70-PMW14A-A10DL	14		24		34	
5	MW-70-PMW14A-A10MS	15		25		35	
6	MW-70-PMW14A-A10MSD	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Page: 1 of 1
Reviewer: SM
2nd Reviewer: CK

METHOD: X GC __ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1, 3	methane > cal range	1, 3	Det/A

Comments: ~~See sample calculation verification worksheet for recalculations.~~

LDC #: 24182
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK - 175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1,3	methane > cal range	1,3	R/A
		2,4	all except methane (diluted out)	2,4	✓

Comments:

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
22-Sep-2010	TB-09/22/10	I343-06	TB	5030B	8260B	3
22-Sep-2010	MW-70-MNA01-A10	I343-01	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA01-A10	I343-01	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-MNA01-A10	I343-01T	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA10-A10	I343-02	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-MNA10-A10	I343-02R	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA10-A10	I343-02T	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA10-A10	I343-02T	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-MNA12-A10	I343-03	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-MNA12-A10	I343-03R	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA12-A10	I343-03T	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA12-A10	I343-03T	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-43B-A10	I343-04R	N	5030B	8260B	3
22-Sep-2010	MW-70-MNA14-A10	I343-05	N	GEN PREP	RSK175	3
22-Sep-2010	MW-70-MNA14-A10	I343-05R	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA15-A10	I343-07	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA15-A10	I343-07	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-MNA15-A10	I343-07T	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA15-A10	I343-07T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I343 | Laboratory: EMXT

EDD Filename: 10I343 | eQAPP Name: SealBeach_IRSite70

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-MNA12-A10 *Collected:* 9/22/2010 10:56:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	1.1	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-43B-A10 *Collected:* 9/22/2010 12:45:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHENE	0.21	0.20	0.50	UG/L	J	J	RI
ACETONE	6.5	5.0	10	UG/L	J	J	RI
ETHYLBENZENE	0.35	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
O-XYLENE	0.33	0.20	1.0	UG/L	J	J	RI
VINYL CHLORIDE	0.43	0.20	0.50	UG/L	J	J	RI
XYLENES (total)	0.33	0.20	2.0	UG/L	J	J	RI

Sample ID: MW-70-MNA01-A10 *Collected:* 9/22/2010 8:44:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.35	0.20	1.0	UG/L	J	J	RI
1,1-DICHLOROETHANE	0.96	0.20	1.0	UG/L	J	J	RI
TETRACHLOROETHYLENE	0.66	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-MNA10-A10 *Collected:* 9/22/2010 9:42:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.90	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Sample ID: MW-70-MNA12-A10 *Collected:* 9/22/2010 10:56:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.49	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv

Data Qualifier Summary

Lab Reporting Batch ID: 10I343 **Laboratory: EMXT**

EDD Filename: 10I343 **eQAPP Name: SealBeach_IRSite70**

Method Category: VOA

Method: 8260B ***Matrix:*** AQ

Sample ID: **MW-70-MNA14-A10** ***Collected:*** **9/22/2010 1:44:00** ***Analysis Type:*** **RES-BASE/NEUTRAL** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Cov
TRICHLOROETHENE	0.58	0.20	5.0	UG/L	J	J	RI
VINYL CHLORIDE	0.25	0.20	0.50	UG/L	J	J	RI

Sample ID: **TB-09/22/10** ***Collected:*** **9/22/2010 7:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.71	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I343 **Laboratory: EMXT**

EDD Filename: 10I343 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I343 **Laboratory: EMXT**

EDD Filename: 10I343 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
MoIst	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I343 **Laboratory: EMXT**

EDD Filename: 10I343 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I343

Reporting Limit Outliers

Lab Reporting Batch ID: 10I343 | **Laboratory: EMXT**

EDD Filename: 10I343 | **eQAPP Name: SealBeach_IRSite70**

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-43B-A10	1,1-DICHLOROETHENE	J	0.21	0.50	UG/L	J (all detects)
	ACETONE	J	6.5	10	UG/L	
	ETHYLBENZENE	J	0.35	1.0	UG/L	
	O-XYLENE	J	0.33	1.0	UG/L	
	VINYL CHLORIDE	J	0.43	0.50	UG/L	
	XYLENES (total)	J	0.33	2.0	UG/L	
MW-70-MNA01-A10	1,1,2-TRICHLOROETHANE	J	0.35	1.0	UG/L	J (all detects)
	1,1-DICHLOROETHANE	J	0.96	1.0	UG/L	
	TETRACHLOROETHYLENE	J	0.66	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	46	50	UG/L	
MW-70-MNA10-A10	1,1-DICHLOROETHANE	J	0.90	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	5.5	10	UG/L	
	TRICHLOROETHENE	J	8.7	50	UG/L	
MW-70-MNA12-A10	1,1-DICHLOROETHANE	J	0.49	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	20	25	UG/L	
	TRICHLOROETHENE	J	15	120	UG/L	
MW-70-MNA14-A10	TRICHLOROETHENE	J	0.58	5.0	UG/L	J (all detects)
	VINYL CHLORIDE	J	0.25	0.50	UG/L	
MW-70-MNA15-A10	VINYL CHLORIDE	J	5.9	12	UG/L	J (all detects)
TB-09/22/10	METHYLENE CHLORIDE	J	0.71	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-MNA12-A10	ETHENE	J	1.1	2.0	UG/L	J (all detects)

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

LDC #: 24182C1

SDG #: 10I343

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/23/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Technical holding times	N	Sampling dates: 9/22 - 9/23/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD ✓
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-MNA01-A10	11	MW-70-MNA15-A10DL	21		31	
2	MW-70-MNA01-A10DL	12		22		32	
3	MW-70-MNA10-A10	13		23		33	
4	MW-70-MNA10-A10DL	14		24		34	
5	MW-70-MNA12-A10	15		25		35	
6	MW-70-MNA12-A10DL	16		26		36	
7	MW-70-73B-A10	17		27		37	
8	MW-70-MNA14-A10	18		28		38	
9	TB-09/22/10	19		29		39	
10	MW-70-MNA15-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24182C1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
	9/29/15	RIW586	LCL	26.1		2-8, 11	J / UJ / A

CONCAL.1SB

LDC #: 29122C1
SDG #: 1

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1	QQQ, S, C > calib range		J det / A
		3	QQQ, C > calib range		↓
		5	QQQ > calib range		↓
		10	QQQ, S > calib range		↓

Comments: See sample calculation verification worksheet for recalculations

COMQUA 1S

LDC #: 34182C1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

X N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1	QQQ, S, C > calib range		Do Not Use
		2	All except QQQ, S, C - diluted		
		3	QQQ, C > calib range		
		4	All except QQQ, C - diluted		
		5	QQQ > calib range		
		6	All except QQQ - diluted		
		10	QQQ, S > calib range		
		11	All except QQQ, S - diluted		

Comments:

LDC #: 24182C51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/27/10

SDG #: 10I343 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: SM

2nd Reviewer: CM

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Technical holding times	N	Sampling dates: 9/22/10, 9/23/10
IIa.	Initial calibration	A	
IIb.	Calibration verification/ICV	A	
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	SW	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-MNA01-A10	11		21		31	
2	MW-70-MNA10-A10	12		22		32	
3	MW-70-MNA10-A10DL	13		23		33	
4	MW-70-MNA12-A10	14		24		34	
5	MW-70-MNA12-A10DL	15		25		35	
6	MW-70-MNA14-A10	16		26		36	
7	MW-70-MNA15-A10	17		27		37	
8	MW-70-MNA15-A10DL	18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK-175

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2,4,7	Methane > cal range	2,4,7	J det/A

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24182
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		2, 4, 7	Methane > cal range	2, 4, 7	R / A
		3, 5, 8	all except Methane, (diluted out)	3, 5, 8	↓

Comments: _____

V:\Validation Worksheets\GC\OVR.GC

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
23-Sep-2010	TB-09/23/10	I370-05	TB	5030B	8260B	3
23-Sep-2010	IW-70-SHB217-A10	I370-01	N	5030B	8260B	3
23-Sep-2010	IW-70-SHB217-A10	I370-01	N	GEN PREP	RSK175	3
23-Sep-2010	IW-70-SHB217-A10	I370-01T	N	5030B	8260B	3
23-Sep-2010	IW-70-SHB217-A10	I370-01T	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-MNA16-A10	I370-02	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA16-A10	I370-02	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-MNA16-A10	I370-02T	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA17-A10	I370-12	N	5030B	8260B	3
23-Sep-2010	MW-70-MNA17-A10	I370-12	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-MNA17-A10	I370-12T	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	3010A	6010B	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	5030B	8260B	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	2320B	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	2540C	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	300.0	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	300.0M	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	4500F	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	5310B	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03I	N	GEN PREP	RSK175	3
23-Sep-2010	MW-70-PMW14B-A10	I370-03T	N	5030B	8260B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	3010A	6010B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	5030B	8260B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	2320B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	2540C	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	300.0	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	300.0M	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	4500F	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	5310B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04	FD	GEN PREP	RSK175	3
23-Sep-2010	MW-70-PMW14B-A10-DDUP	I370-04D	DUP	GEN PREP	2540C	3
23-Sep-2010	MW-70-PMW14B-A10-DDUP	I370-04D	DUP	GEN PREP	4500F	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04T	FD	5030B	8260B	3
23-Sep-2010	MW-70-PMW14B-A10-D	I370-04T	FD	GEN PREP	RSK175	3
24-Sep-2010	MW-70-21-A10	I370-06	N	5030B	8260B	3
24-Sep-2010	MW-70-POC04-A10	I370-07	N	5030B	8260B	3
24-Sep-2010	MW-70-MNA13-A10	I370-08	N	5030B	8260B	3
24-Sep-2010	MW-70-MNA13-A10	I370-08	N	GEN PREP	RSK175	3
24-Sep-2010	MW-70-MNA13-A10	I370-08I	N	GEN PREP	RSK175	3
24-Sep-2010	MW-70-15-A10	I370-09	N	5030B	8260B	3
24-Sep-2010	MW-70-15-A10	I370-09	N	GEN PREP	RSK175	3
24-Sep-2010	MW-70-36-A10	I370-10	N	5030B	8260B	3
24-Sep-2010	MW-70-36-A10-D	I370-11	FD	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I370 | Laboratory: EMXT

EDD Filename: 10I370 | eQAPP Name: SealBeach_IRSite70

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: MW-70-MNA16-A10 *Collected:* 9/23/2010 10:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHENE	0.90	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-SHB217-A10 *Collected:* 9/23/2010 10:24:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.82	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-15-A10 *Collected:* 9/24/2010 11:41:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ACETONE	5.1	5.0	10	UG/L	J	J	RI

Sample ID: MW-70-MNA13-A10 *Collected:* 9/24/2010 11:08:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
VINYL CHLORIDE	0.22	0.20	0.50	UG/L	J	J	RI

Sample ID: MW-70-MNA16-A10 *Collected:* 9/23/2010 10:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.42	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-MNA17-A10 *Collected:* 9/23/2010 1:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
VINYL CHLORIDE	0.27	0.20	0.50	UG/L	J	J	RI

Sample ID: MW-70-PMW14B-A10 *Collected:* 9/23/2010 2:48:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.61	0.20	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I370 | Laboratory: EMXT

EDD Filename: 10I370 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: MW-70-PMW14B-A10-D *Collected:* 9/23/2010 2:58:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.62	0.20	1.0	UG/L	J	J	RI

Sample ID: MW-70-POC04-A10 *Collected:* 9/24/2010 8:35:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ACETONE	7.1	5.0	10	UG/L	J	J	RI

Sample ID: TB-09/23/10 *Collected:* 9/23/2010 7:00:00 *Analysis Type:* RES *Dilution:* 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.66	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I370 **Laboratory: EMXT**

EDD Filename: 10I370 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I370 **Laboratory: EMXT**

EDD Filename: 10I370 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I370 **Laboratory: EMXT**

EDD Filename: 10I370 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I370

Reporting Limit Outliers

Lab Reporting Batch ID: 10I370 | **Laboratory: EMXT**

EDD Filename: 10I370 | **eQAPP Name: SealBeach_IRSite70**

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SHB217-A10	1,1-DICHLOROETHANE	J	0.82	1.0	UG/L	J (all detects)
	TRICHLOROETHENE	J	44	250	UG/L	
MW-70-15-A10	ACETONE	J	5.1	10	UG/L	J (all detects)
MW-70-MNA13-A10	VINYL CHLORIDE	J	0.22	0.50	UG/L	J (all detects)
MW-70-MNA16-A10	1,1-DICHLOROETHANE	J	0.42	1.0	UG/L	J (all detects)
	VINYL CHLORIDE	J	11	25	UG/L	
MW-70-MNA17-A10	VINYL CHLORIDE	J	0.27	0.50	UG/L	J (all detects)
MW-70-PMW14B-A10	1,1-DICHLOROETHANE	J	0.61	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	46	50	UG/L	
	TRICHLOROETHENE	J	16	250	UG/L	
MW-70-PMW14B-A10-D	1,1-DICHLOROETHANE	J	0.62	1.0	UG/L	J (all detects)
	TRANS-1,2-DICHLOROETHENE	J	45	50	UG/L	
	TRICHLOROETHENE	J	16	250	UG/L	
MW-70-POC04-A10	ACETONE	J	7.1	10	UG/L	J (all detects)
TB-09/23/10	METHYLENE CHLORIDE	J	0.66	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
MW-70-MNA16-A10	ETHENE	J	0.90	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I370 **Laboratory: EMXT**

EDD Filename: 10I370 **eQAPP Name: SealBeach_IRSite70**

Method: 2320B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW14B-A10	Concentration (MG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
Total Alkalinity	310	310	0	20.00	No Qualifiers Applied

Method: 2540C
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW14B-A10	Concentration (MG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
TDS	6780	6600	3	20.00	No Qualifiers Applied

Method: 300.0
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW14B-A10	Concentration (MG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
BROMIDE	10.6	10.7	1	20.00	No Qualifiers Applied
Chloride-Cl	3770	3750	1	20.00	
SULFATE	691	684	1	20.00	

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW14B-A10	Concentration (MG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
TOC	3.24	2.95	9	20.00	No Qualifiers Applied

Method: 6010B
Matrix: AQ

Analyte	Concentration (MG/L) MW-70-PMW14B-A10	Concentration (MG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
IRON	10.5	10.5	0	20.00	No Qualifiers Applied
MANGANESE	1.11	1.11	0	20.00	

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-36-A10	Concentration (UG/L) MW-70-36-A10-D	Sample RPD	eQAPP RPD	Flag
TETRACHLOROETHYLENE	2.7	3.0	11	20.00	No Qualifiers Applied

Analyte	Concentration (UG/L) MW-70-PMW14B-A10	Concentration (UG/L) MW-70-PMW14B-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHANE	0.61	0.62	2	20.00	No Qualifiers Applied
1,1-DICHLOROETHENE	2.6	3.1	18	20.00	
CIS-1,2-DICHLOROETHENE	600	600	0	20.00	
TRANS-1,2-DICHLOROETHENE	47	48	2	20.00	
TRICHLOROETHENE	17	18	6	20.00	
VINYL CHLORIDE	430	420	2	20.00	

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I370 **Laboratory: EMXT**

EDD Filename: 10I370 **eQAPP Name: SealBeach_IRSite70**

Method: 8260B
Matrix: AQ

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L)		Sample RPD	eQAPP RPD	Flag
	MW-70-PMW14B-A10	MW-70-PMW14B-A10-D			
ETHANE	2.8	2.5	11	20.00	
ETHENE	19	18	5	20.00	No Qualifiers Applied
METHANE	22000	29000	27	20.00	

LDC #: 24182D1 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/28/10

SDG #: 10I370 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: A

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/23 - 9/24/10
II.	GC/MS instrument performance check	A	
III.	Initial calibration	A	1,2 & 5
IV.	Continuing calibration/ICV	A	ICV/CCV ≤ 25%
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SHB217-A10	11	MW-70-POC04-A10	21		31	
2	IW-70-SHB217-A10DL	12	MW-70-MNA13-A10	22		32	
3	MW-70-MNA16-A10	13	MW-70-15-A10	23		33	
4	MW-70-MNA16-A10DL	14	MW-70-36-A10	24		34	
5	MW-70-PMW14B-A10	15	MW-70-36-A10-D	25		35	
6	MW-70-PMW14B-A10DL	16	MW-70-MNA17-A10	26		36	
7	MW-70-PMW14B-A10-D	17		27		37	
8	MW-70-PMW14B-A10-DDL	18		28		38	
9	TB-09/23/10	19		29		39	
10	MW-70-21-A10	20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl chloride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK 1,2,4-Trichlorobenzene	EEEE Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1 1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII Isobutyl alcohol
H. 1 1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I 1,1-Dichloroethane*	CC. Toluene**	WW Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L 1,2-Dichloroethane	FF. Styrene	ZZ 2-Chlorotoluene	TTT 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M 2-Butanone	GG Xylenes, total	AAA 1,3,5-Trimethylbenzene	UUU 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II 2-Chloroethylvinyl ether	CCC tert-Butylbenzene	WWW Ethanol	QQQQ
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q 1,2-Dichloropropane**	KK Trichlorofluoromethane	EEE sec-Butylbenzene	YYY tert-Butanol	SSSS
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T Dibromochloromethane	NN Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 34182D1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: CM
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		~~[illegible]~~			
		1	QQQ, PPP > calib range		J dct/A
		3	QQQ, S > calib range		
		5, 7	QQQ, L > calib range		
		4			

Comments: See sample calculation verification worksheet for recalculations

COMQUA.1S

LDC #: 24182p1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1	QQQ, PPP > calib range		Do not clx
		2	All except QQQ, PPP - diluted		
		3	QQQ s > calib range		
		4	All except QQQ	s - diluted	
		5, 7	QQQ, c > calib range		
		6, 8	All except QQQ	c - diluted	

Comments:

OVR.1S

LDC #: 24182D4 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/26/10

SDG #: 10I370 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: Dissolved Metals (EPA SW 846 Method 6010B/~~7000~~)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 9/23/10
II.	ICP/MS Tune	N	
III.	Calibration	A	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N A	
VI.	Matrix Spike Analysis	N	30/Not specified
VII.	Duplicate Sample Analysis	N	
VIII	Laboratory Control Samples (LCS)	N A	
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	Not performed
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	N	
XIV.	Field Duplicates	—	(2, 3)
XV	Field Blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: [illegible]

1	MW-70-MNA16-A10	11	MS	21		31	
2	MW-70-PMW14B-A10	12		22		32	
3	MW-70-PMW14B-A10-D	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LDC #: 24182Df

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Reviewer: [illegible]
2nd reviewer: [illegible]

All circled elements are applicable to each sample.

Sample ID	Matrix	Target Analyte List (TAL)
1-3	AQ	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
Analysis Method		
ICP		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
ICP-MS		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,
GFAA		Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn, Mo, B, Si, CN⁻,

Comments: Mercury by CVAA if performed

LDC #: 24182D6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/16/10
SDG #: 10I370 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer:
2nd Reviewer:

METHOD: (Analyte) Alkalinity (SM2320B), Bromide, Chloride, Nitrate, Nitrite, Sulfate(EPA Method 300.0), TDS(SM5310B), TOC (SM5310B), Organic Acids(EPA Method 300), Dissolved Hydrogen Sulfide (SM4500F)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 9/23/10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	client specified
V	Duplicates	N A	
VI.	Laboratory control samples	N A	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	—	(1.2)
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	MW-70-PMW14B-A10	11	MB	21		31	
2	MW-70-PMW14B-A10-D	12		22		32	
3	MW-70-PMW14B-A10-DDUP	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

LOC #: 141824

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Page: 1 of 1
Reviewer: MA
2nd reviewer: [illegible]

All circled methods are applicable to each sample.

Sample ID	Matrix	Parameter
1,2	AQ	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S ~~TC~~ Br Organics
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
3	AQ	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 S
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4

Comments:

LDC #: 24182D51 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/27/10

SDG #: 10I370 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: SM

2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/23/10, 9/24/10
IIa.	Initial calibration	A	
IIb.	Calibration verification/ICV	A	
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	~~SW~~ N	
VII.	System Performance	N	
VIII.	Overall assessment of data	~~SW~~	
IX.	Field duplicates	N	(4,6), (5,7)
X.	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SHB217-A10	11	MW-70-MNA17-A10	21		31	
2	IW-70-SHB217-A10DL	12	MW-70-MNA17-A10DL	22		32	
3	MW-70-MNA16-A10	13		23		33	
4	MW-70-PMW14B-A10 D1	14		24		34	
5	MW-70-PMW14B-A10DL D2	15		25		35	
6	MW-70-PMW14B-A10-D D1	16		26		36	
7	MW-70-PMW14B-A10-DDL D2	17		27		37	
8	MW-70-MNA13-A10	18		28		38	
9	MW-70-MNA13-A10DL	19		29		39	
10	MW-70-15-A10	20		30		40	

Notes:

LDC #: 24182
SDG #: See cover

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: SM
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1,4,6,8,11	methane > cal range	1,4,6,8,11	J det / A

Comments: ~~See sample calculation verification worksheet for recalculations~~

LDC #: 24182
SDG #: see cover

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: X GC __ HPLC (EPA RSK-175)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1,4,6,8,11	methane > cal range	1,4,6,8,11	R/A
		2,5,7,9,12	all except methane (diluted out)	2,5,7,9,12	✓

Comments:

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
27-Sep-2010	TB-9/27/10	I614-04	TB	5030B	8260B	3
27-Sep-2010	MW-70-POC03-A10	I614-01	N	5030B	8260B	3
27-Sep-2010	MW-70-POC02-A10	I614-02	N	5030B	8260B	3
27-Sep-2010	MW-70-POC02-A10-D	I614-03	FD	5030B	8260B	3
28-Sep-2010	MW-70-14-A10	I614-05	N	5030B	8260B	3
28-Sep-2010	MW-70-14-A10	I614-05T	N	5030B	8260B	3
28-Sep-2010	MW-70-14-A10-D	I614-06	FD	5030B	8260B	3
28-Sep-2010	MW-70-14-A10-D	I614-06T	FD	5030B	8260B	3
28-Sep-2010	MW-70-43A-A10	I614-07R	N	5030B	8260B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I614 | **Laboratory: EMXT**

EDD Filename: 10I614 | **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **MW-70-14-A10** ***Collected:*** **9/28/2010 8:31:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.49	0.20	1.0	UG/L	J	J	RI
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv

Sample ID: **MW-70-14-A10-D** ***Collected:*** **9/28/2010 8:35:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	0.47	0.20	1.0	UG/L	J	J	RI
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv

Sample ID: **MW-70-43A-A10** ***Collected:*** **9/28/2010 9:23:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
4-METHYL-2-PENTANONE	5.7	5.0	10	UG/L	J	J	RI
BENZENE	0.51	0.20	1.0	UG/L	J	J	RI
CHLOROMETHANE	0.33	0.20	2.0	UG/L	J	J	RI
TOLUENE	0.46	0.20	1.0	UG/L	J	J	RI

Sample ID: **MW-70-POC02-A10** ***Collected:*** **9/27/2010 10:40:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv
VINYL CHLORIDE	0.20	0.20	0.50	UG/L	J	J	RI

Sample ID: **MW-70-POC02-A10-D** ***Collected:*** **9/27/2010 10:44:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
CARBON DISULFIDE	0.31	0.20	1.0	UG/L	J	J	RI
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv

Sample ID: **MW-70-POC03-A10** ***Collected:*** **9/27/2010 9:52:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv

Data Qualifier Summary

Lab Reporting Batch ID: 10I614 | Laboratory: EMXT

EDD Filename: 10I614 | eQAPP Name: SealBeach_IRSite70

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: TB-9/27/10 **Collected:** 9/27/2010 7:00:00 **Analysis Type:** RES **Dilution:** 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
DICHLORODIFLUOROMETHANE	2.0	0.30	2.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	0.82	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I614 **Laboratory: EMXT**

EDD Filename: 10I614 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I614 **Laboratory: EMXT**

EDD Filename: 10I614 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IllogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProfJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I614 **Laboratory: EMXT**

EDD Filename: 10I614 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I614

Reporting Limit Outliers

Lab Reporting Batch ID: 10I614 **Laboratory: EMXT**

EDD Filename: 10I614 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**

Matrix: **AQ**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*EDD Units*	*Flag*
MW-70-14-A10	1,1-DICHLOROETHANE	J	0.49	1.0	UG/L	J (all detects)
MW-70-14-A10-D	1,1-DICHLOROETHANE	J	0.47	1.0	UG/L	J (all detects)
MW-70-43A-A10	4-METHYL-2-PENTANONE	J	5.7	10	UG/L	J (all detects)
	BENZENE	J	0.51	1.0	UG/L	
	CHLOROMETHANE	J	0.33	2.0	UG/L	
	TOLUENE	J	0.46	1.0	UG/L	
MW-70-POC02-A10	VINYL CHLORIDE	J	0.20	0.50	UG/L	J (all detects)
MW-70-POC02-A10-D	CARBON DISULFIDE	J	0.31	1.0	UG/L	J (all detects)
TB-9/27/10	METHYLENE CHLORIDE	J	0.82	1.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I614 **Laboratory: EMXT**

EDD Filename: 10I614 **eQAPP Name: SealBeach_IRSite70**

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) MW-70-14-A10	Concentration (UG/L) MW-70-14-A10-D	Sample RPD	eQAPP RPD	Flag
1,1-DICHLOROETHANE	0.49	0.47	4	20.00	No Qualifiers Applied
1,1-DICHLOROETHENE	1.5	1.4	7	20.00	
CIS-1,2-DICHLOROETHENE	280	280	0	20.00	
TRANS-1,2-DICHLOROETHENE	23	21	9	20.00	
TRICHLOROETHENE	260	250	4	20.00	
VINYL CHLORIDE	1.1	1.1	0	20.00	

Analyte	Concentration (UG/L) MW-70-POC02-A10	Concentration (UG/L) MW-70-POC02-A10-D	Sample RPD	eQAPP RPD	Flag
CARBON DISULFIDE	1.0 U	0.31	200	20.00	No Qualifiers Applied
VINYL CHLORIDE	0.20	0.50 U	200	20.00	

LDC #: 24182E1

SDG #: 10I614

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 10/28/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/27 - 9/28/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD, r²
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	J	
XVII.	Field blanks	J	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet
ND = No compounds detected
R = Rinsate
FB = Field blank
D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	MW-70-POC03-A10	11		21		31	
2	MW-70-POC02-A10	12		22		32	
3	MW-70-POC02-A10-D	13		23		33	
4	TB-9/27/10	14		24		34	
5	MW-70-14-A10	15		25		35	
6	MW-70-14-A10DL	16		26		36	
7	MW-70-14-A10-D	17		27		37	
8	MW-70-14-A10-DDL	18		28		38	
9	MW-70-43A-A10	19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24182-E1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
	10/2/10	RJW027	JJ	30.7		1-5, 7	J / UJ / A

CONCAL.1SB

LDC #: 24182E1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

(Y) N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		5, 7	2,2,4,5 > calib	[illegible]	J det/A

Comments: See sample calculation verification worksheet for recalculations

COMQUA.1S

LDC #: 24182E1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		5, 7	2,2,2 5 > calib [illegible]		D, N, + [illegible]
		6, 8	[illegible] not [illegible], 5 [illegible]		J

Comments:

OVR.1S

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L, Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Insight EEC, Inc.
3020 E. Miraloma
Anaheim, CA 92806
ATTN: Mr. Nick Weinberger

November 3, 2010

SUBJECT: NWS Seal Beach, IR Site 70, Data Validation

Dear Mr. Weinberger,

Enclosed is the final validation report for the fractions listed below. This SDG was received on October 25th, 2010.

LDC project# 24216:

SDG #	Fraction
10I666	Volatiles (EPA SW 846 Method 8260B) Dissolved Gases (Method RSK-175) Wet Chemistry (EPA Method 300.0M and Standard Method 5310B)

The following deliverables are submitted under this report:

- Attachment I — Sample ID Cross Reference and Data Review Level
- Attachment II — Overall Data Qualification Summary
- Enclosure I — EPA Level III ADR Outliers (including manual review outliers)

The data validation was performed in accordance to the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008 and for Inorganic Data Review, October 2004. Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. The following items were evaluated during the review:

- Holding Times
- Sample Preservation
- Cooler Temperatures
- Initial Calibration (Manual Review)
- Continuing Calibration (Manual Review)
- Blanks
- Surrogates
- Internal Standards (Manual Review)
- Matrix Spike/Matrix Spike Duplicates
- Laboratory Control Samples
- Detection and Quantitation Limits
- Field QC Samples

Please feel free to contact us if you have any questions.

Sincerely,

Andrew Kong
Project Manager/Chemist

Attachment I

Sample ID Cross Reference and Data Review Level

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
28-Sep-2010	TB-09/28/10	I666-10	TB	5030B	8260B	3
28-Sep-2010	IW-70-SAT50-P13	I666-01	N	5030B	8260B	3
28-Sep-2010	IW-70-SAT50-P13	I666-01	N	GEN PREP	300.0M	3
28-Sep-2010	IW-70-SAT50-P13	I666-01	N	GEN PREP	RSK175	3
28-Sep-2010	IW-70-SAT50-P13	I666-01I	N	GEN PREP	RSK175	3
28-Sep-2010	IW-70-SAT50-P13	I666-01T	N	5030B	8260B	3
28-Sep-2010	IW-70-SAT50-P13	I666-01T	N	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT35-P13	I666-02	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT35-P13	I666-02	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT35-P13	I666-02	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT35-P13	I666-02I	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT35-P13	I666-02T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT35-P13	I666-02T	N	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT35-P13	I666-02T	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT36-P13	I666-03	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT36-P13	I666-03	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT36-P13	I666-03	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT36-P13	I666-03T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT36-P13	I666-03T	N	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT36-P13	I666-03T	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT46-P13	I666-04	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT46-P13	I666-04	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT46-P13	I666-04	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT46-P13	I666-04I	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT46-P13	I666-04T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT46-P13	I666-04T	N	GEN PREP	5310B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
29-Sep-2010	IW-70-SAT46-P13	I666-04T	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT31-P13	I666-05	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT31-P13	I666-05	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT31-P13	I666-05	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT31-P13	I666-05I	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT31-P13	I666-05T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT31-P13	I666-05T	N	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT31-P13	I666-05T	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT16-P13	I666-06	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT16-P13	I666-06	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT16-P13	I666-06	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT16-P13	I666-06T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT16-P13	I666-06T	N	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT16-P13	I666-06T	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07	FD	5030B	8260B	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07	FD	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07	FD	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07T	FD	5030B	8260B	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07T	FD	GEN PREP	5310B	3
29-Sep-2010	IW-70-SAT16-P13-D	I666-07T	FD	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT45-P13	I666-08	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT45-P13	I666-08	N	GEN PREP	300.0M	3
29-Sep-2010	IW-70-SAT45-P13	I666-08	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT45-P13	I666-08J	N	GEN PREP	RSK175	3
29-Sep-2010	IW-70-SAT45-P13	I666-08T	N	5030B	8260B	3
29-Sep-2010	IW-70-SAT45-P13	I666-08T	N	GEN PREP	5310B	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
30-Sep-2010	IW-70-SAT03-P13	I666-09	N	GEN PREP	300.0M	3
30-Sep-2010	IW-70-SAT03-P13	I666-09	N	GEN PREP	RSK175	3
30-Sep-2010	IW-70-SAT03-P13	I666-09I	N	GEN PREP	RSK175	3
30-Sep-2010	IW-70-SAT03-P13	I666-09R	N	5030B	8260B	3
30-Sep-2010	IW-70-SAT03-P13	I666-09T	N	5030B	8260B	3
30-Sep-2010	IW-70-SAT03-P13	I666-09T	N	GEN PREP	5310B	3
30-Sep-2010	IW-70-SAT03-P13	I666-09T	N	GEN PREP	RSK175	3

III = EPA Level 3 Data Review *N = Normal Sample* *TB = Trip Blank* *MS = Matrix Spike*
IV = EPA Level 4 Data Validation *FD = Field Duplicate* *FB = Field Blank* *MSD = Matrix Spike Duplicate*

Attachment II

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 | Laboratory: EMXT

EDD Filename: Prep10I666 | eQAPP Name: SealBeach_IRSite70

Method Category: SVOA

Method: RSK175 **Matrix:** AQ

Sample ID: IW-70-SAT35-P13 Collected: 9/29/2010 8:37:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
ETHANE	0.89	0.60	2.0	UG/L	J	J	RI

Method Category: VOA

Method: 8260B **Matrix:** AQ

Sample ID: IW-70-SAT03-P13 Collected: 9/30/2010 7:48:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.52	0.20	1.0	UG/L	J	J	RI
1,2,4-TRIMETHYLBENZENE	0.37	0.20	1.0	UG/L	J	U	Mb
ETHYLBENZENE	0.21	0.20	1.0	UG/L	J	J	RI
METHYLENE CHLORIDE	4.1	0.50	1.0	UG/L		U	Tb
O-XYLENE	0.23	0.20	1.0	UG/L	J	J	RI
XYLENES (total)	0.23	0.20	2.0	UG/L	J	J	RI

Sample ID: IW-70-SAT16-P13 Collected: 9/29/2010 1:13:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.46	0.20	1.0	UG/L	J	J	RI
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2-DICHLOROETHANE	0.41	0.20	0.50	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.24	0.20	1.0	UG/L	J	J	RI
ETHYLBENZENE	0.28	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	3.7	0.50	1.0	UG/L		U	Tb
TETRACHLOROETHYLENE	0.26	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.22	0.20	1.0	UG/L	J	J	RI

Sample ID: IW-70-SAT16-P13-D Collected: 9/29/2010 1:17:00 Analysis Type: RES Dilution: 1

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.46	0.20	1.0	UG/L	J	J	RI
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2-DICHLOROETHANE	0.40	0.20	0.50	UG/L	J	J	RI

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 | **Laboratory: EMXT**

EDD Filename: Prep10I666 | **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SAT16-P13-D** ***Collected:*** **9/29/2010 1:17:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2-DICHLOROPROPANE	0.26	0.20	1.0	UG/L	J	J	RI
ETHYLBENZENE	0.27	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	3.8	0.50	1.0	UG/L		U	Tb
TETRACHLOROETHYLENE	0.29	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.21	0.20	1.0	UG/L	J	J	RI

Sample ID: **IW-70-SAT31-P13** ***Collected:*** **9/29/2010 10:15:00** ***Analysis Type:*** **RES** ***Dilution:*** **5**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1-DICHLOROETHANE	4.2	1.0	5.0	UG/L	J	J	RI
1,2,3-TRICHLOROBENZENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
2-HEXANONE	38	25	50	UG/L	J	J	RI
FREON113	3.9	1.0	5.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	6.5	2.5	5.0	UG/L		U	Tb

Sample ID: **IW-70-SAT35-P13** ***Collected:*** **9/29/2010 8:37:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
CARBON DISULFIDE	0.68	0.20	1.0	UG/L	J	J	RI
CHLOROMETHANE	1.3	0.20	2.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	2.6	0.50	1.0	UG/L		U	Tb

Sample ID: **IW-70-SAT36-P13** ***Collected:*** **9/29/2010 9:09:00** ***Analysis Type:*** **DL** ***Dilution:*** **500**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
TRICHLOROETHENE	680	100	2500	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 | **Laboratory: EMXT**

EDD Filename: Prep10I666 | **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SAT36-P13** ***Collected:*** **9/29/2010 9:09:00** ***Analysis Type:*** **RES** ***Dilution:*** **5**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2,3-TRICHLOROBENZENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
HEXACHLOROBUTADIENE	5.0	1.0	5.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	11	2.5	5.0	UG/L		U	Tb
TRICHLOROETHENE	660	1.0	25	UG/L	E	J	ProfJudg

Sample ID: **IW-70-SAT45-P13** ***Collected:*** **9/29/2010 1:51:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.61	0.20	1.0	UG/L	J	J	RI
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2-DICHLOROETHANE	0.48	0.20	0.50	UG/L	J	J	RI
1,2-DICHLOROPROPANE	0.64	0.20	1.0	UG/L	J	J	RI
FREON113	0.80	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	3.7	0.50	1.0	UG/L		U	Tb
TETRACHLOROETHYLENE	0.54	0.20	1.0	UG/L	J	J	RI
TOLUENE	0.22	0.20	1.0	UG/L	J	J	RI
TRICHLOROETHENE	180	0.20	5.0	UG/L	E	J	ProfJudg

Sample ID: **IW-70-SAT46-P13** ***Collected:*** **9/29/2010 9:40:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2-DICHLOROPROPANE	0.38	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.36	0.20	1.0	UG/L	J	J	RI
CHLOROETHANE	0.98	0.20	2.0	UG/L	J	J	RI
CHLOROFORM	0.98	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	5.7	0.50	1.0	UG/L		U	Tb

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: Prep10I666 **eQAPP Name: SealBeach_IRSite70**

Method Category: **VOA**

Method: **8260B** ***Matrix:*** **AQ**

Sample ID: **IW-70-SAT50-P13** ***Collected:*** **9/28/2010 2:22:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
1,1,2-TRICHLOROETHANE	0.55	0.20	1.0	UG/L	J	J	RI
1,2,3-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2,4-TRICHLOROBENZENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
1,2-DICHLOROPROPANE	0.95	0.20	1.0	UG/L	J	J	RI
2-BUTANONE	7.7	5.0	10	UG/L	J	J	RI
BENZENE	0.23	0.20	1.0	UG/L	J	J	RI
CARBON DISULFIDE	0.67	0.20	1.0	UG/L	J	J	RI
CHLOROETHANE	0.99	0.20	2.0	UG/L	J	J	RI
FREON113	0.85	0.20	1.0	UG/L	J	J	RI
HEXACHLOROBUTADIENE	1.0	0.20	1.0	UG/L	U	UJ	Ccv
METHYLENE CHLORIDE	2.6	0.50	1.0	UG/L		U	Tb
TRICHLOROETHENE	130	0.20	5.0	UG/L	E	J	ProfJudg

Sample ID: **TB-09/28/10** ***Collected:*** **9/28/2010 7:00:00** ***Analysis Type:*** **RES** ***Dilution:*** **1**

Analyte	Lab Result	MDL	RL	Units	Lab Qual	Data Review Qual	Reason Code
METHYLENE CHLORIDE	0.74	0.50	1.0	UG/L	J	J	RI

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: Prep10I666 **eQAPP Name: SealBeach_IRSite70**

Reason Code Legend

Reason Code	*Description*
Cb	Calibration Blank Contamination
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Ccv	Continuing Calibration Verification Percent Difference Lower Rejection
Ccv	Continuing Calibration Verification Percent Difference Upper Estimation
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection
Ccv	Continuing Calibration Verification Percent Recovery Lower Estimation
Ccv	Continuing Calibration Verification Percent Recovery Lower Rejection
Ccv	Continuing Calibration Verification Percent Recovery Upper Estimation
Ccv	Continuing Calibration Verification Percent Recovery Upper Rejection
CcvCC	Continuing Calibration Verification Correlation Coefficient
CcvRrf	Continuing Calibration Verification Relative Response Factor
ContTune	Continuing Tune
Dup=0	Duplicate Sample Count = 0
Dup>1	Duplicate Sample Count > 1
Eb	Equipment Blank Contamination
EtoA	Extraction to Analysis Estimation
EtoA	Extraction to Analysis Rejection
Fb	Field Blank Contamination
Fd	Field Duplicate Precision
IcCC	Initial Calibration Correlation Coefficient
IcRrf	Initial Calibration Relative Response Factor
IcRsd	Initial Calibration Percent Relative Standard Deviation
Icv	Initial Calibration Verification Percent Difference Lower Estimation
Icv	Initial Calibration Verification Percent Difference Lower Rejection
Icv	Initial Calibration Verification Percent Difference Upper Estimation
Icv	Initial Calibration Verification Percent Difference Upper Rejection
Icv	Initial Calibration Verification Percent Recovery Lower Estimation
Icv	Initial Calibration Verification Percent Recovery Lower Rejection
Icv	Initial Calibration Verification Percent Recovery Upper Estimation
Icv	Initial Calibration Verification Percent Recovery Upper Rejection
IcvCC	Initial Calibration Verification Correlation Coefficient

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: Prep10I666 **eQAPP Name: SealBeach_IRSite70**

IcvRrf	Initial Calibration Verification Relative Response Factor
IlogicalFraction	Illogical Fraction
InitTune	Initial Tune
Is	Internal Standard Estimation
Is	Internal Standard Rejection
Lcs	Laboratory Control Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Lower Rejection
Lcs	Laboratory Control Spike Upper Estimation
Lcs	Laboratory Control Spike Upper Rejection
Lcs=0	Laboratory Control Sample Count = 0
Lcs>1	Laboratory Control Sample Count > 1
Ld	Laboratory Duplicate Precision
Mb	Method Blank Contamination
Mb=0	Method Blank Sample Count = 0
Mb>1	Method Blank Sample Count > 1
Moist	Percent Moisture
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Lower Rejection
Ms	Matrix Spike Precision
Ms	Matrix Spike Upper Estimation
Ms	Matrix Spike Upper Rejection
Ms=0	Matrix Spike Sample Count = 0
Ms>1	Matrix Spike Sample Count > 1
PEM	Performance Evaluation Mixture
Preservation	Preservation
ProJudg	Professional Judgment
REM	Resolution Check Mixture
RI	Reporting Limit
RI	Reporting Limit > Project Maximum Contamination Limit
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
StoA	Sampling to Analysis Rejection

Data Qualifier Summary

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: Prep10I666 **eQAPP Name: SealBeach_IRSite70**

StoE	Sampling to Extraction Estimation
StoE	Sampling to Extraction Rejection
StoL	Sampling to Leaching Estimation
StoL	Sampling to Leaching Rejection
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Lower Rejection
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection
Tb	Trip Blank Contamination
TempEst	Temperature Estimation
TempRej	Temperature Rejection

Enclosure I

EPA Level III ADR Outliers
(including Manual Review Outliers)

Quality Control Outlier Reports

10I666

Method Blank Outlier Report

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: 10I666 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**
Matrix: **AQ**

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
VO67J08B	10/7/2010 1:50:00 PM	1,2,4-TRIMETHYLBENZENE	0.33 UG/L	IW-70-SAT03-P13 IW-70-SAT16-P13-D IW-70-SAT31-P13 IW-70-SAT35-P13 IW-70-SAT45-P13 IW-70-SAT50-P13 IB-09/26/10

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
IW-70-SAT03-P13(RES)	1,2,4-TRIMETHYLBENZENE	0.37 UG/L	1.0U UG/L

Trip Blank Outlier Report

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: 10I666 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**
Matrix: **AQ**

Trip Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
TB-09/28/10(RES)	9/28/2010 7:00:00 AM	METHYLENE CHLORIDE	0.74 UG/L	IW-70-SAT03-P13 IW-70-SAT16-P13 IW-70-SAT16-P13-D IW-70-SAT31-P13 IW-70-SAT35-P13 IW-70-SAT36-P13 IW-70-SAT45-P13 IW-70-SAT46-P13 IW-70-SAT50-P13

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
IW-70-SAT03-P13(RES)	METHYLENE CHLORIDE	4.1 UG/L	4.1U UG/L
IW-70-SAT16-P13(RES)	METHYLENE CHLORIDE	3.7 UG/L	3.7U UG/L
IW-70-SAT16-P13-D(RES)	METHYLENE CHLORIDE	3.8 UG/L	3.8U UG/L
IW-70-SAT31-P13(RES)	METHYLENE CHLORIDE	6.5 UG/L	6.5U UG/L
IW-70-SAT35-P13(RES)	METHYLENE CHLORIDE	2.6 UG/L	2.6U UG/L
IW-70-SAT36-P13(RES)	METHYLENE CHLORIDE	11 UG/L	11U UG/L
IW-70-SAT45-P13(RES)	METHYLENE CHLORIDE	3.7 UG/L	3.7U UG/L
IW-70-SAT46-P13(RES)	METHYLENE CHLORIDE	5.7 UG/L	5.7U UG/L
IW-70-SAT50-P13(RES)	METHYLENE CHLORIDE	2.6 UG/L	2.6U UG/L

Reporting Limit Outliers

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: 10I666 **eQAPP Name: SealBeach_IRSite70**

Method: **8260B**

Matrix: **AQ**

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAT03-P13	1,1,2-TRICHLOROETHANE	J	0.52	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	18	50	UG/L	
	ETHYLBENZENE	J	0.21	1.0	UG/L	
	O-XYLENE	J	0.23	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	45	50	UG/L	
	XYLENES (total)	J	0.23	2.0	UG/L	
IW-70-SAT16-P13	1,1,2-TRICHLOROETHANE	J	0.48	1.0	UG/L	J (all detects)
	1,2-DICHLOROETHANE	J	0.41	0.50	UG/L	
	1,2-DICHLOROPROPANE	J	0.24	1.0	UG/L	
	ACETONE	J	470	500	UG/L	
	CHLOROFORM	J	12	50	UG/L	
	ETHYLBENZENE	J	0.28	1.0	UG/L	
	TETRACHLOROETHYLENE	J	0.26	1.0	UG/L	
	TOLUENE	J	0.22	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	22	50	UG/L	
IW-70-SAT16-P13-D	1,1,2-TRICHLOROETHANE	J	0.46	1.0	UG/L	J (all detects)
	1,2-DICHLOROETHANE	J	0.40	0.50	UG/L	
	1,2-DICHLOROPROPANE	J	0.26	1.0	UG/L	
	CHLOROFORM	J	11	50	UG/L	
	ETHYLBENZENE	J	0.27	1.0	UG/L	
	TETRACHLOROETHYLENE	J	0.29	1.0	UG/L	
	TOLUENE	J	0.21	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	22	50	UG/L	
IW-70-SAT31-P13	1,1-DICHLOROETHANE	J	4.2	5.0	UG/L	J (all detects)
	2-HEXANONE	J	38	50	UG/L	
	FREON113	J	3.9	5.0	UG/L	
IW-70-SAT35-P13	CARBON DISULFIDE	J	0.68	1.0	UG/L	J (all detects)
	CHLOROMETHANE	J	1.3	2.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	14	50	UG/L	
IW-70-SAT36-P13	TRICHLOROETHENE	J	680	2500	UG/L	J (all detects)
IW-70-SAT45-P13	1,1,2-TRICHLOROETHANE	J	0.61	1.0	UG/L	J (all detects)
	1,2-DICHLOROETHANE	J	0.48	0.50	UG/L	
	1,2-DICHLOROPROPANE	J	0.64	1.0	UG/L	
	CARBON DISULFIDE	J	20	50	UG/L	
	CHLOROFORM	J	44	50	UG/L	
	FREON113	J	0.80	1.0	UG/L	
	TETRACHLOROETHYLENE	J	0.54	1.0	UG/L	
	TOLUENE	J	0.22	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	16	50	UG/L	
	TRICHLOROETHENE	J	210	250	UG/L	
IW-70-SAT46-P13	1,2-DICHLOROPROPANE	J	0.38	1.0	UG/L	J (all detects)
	CARBON DISULFIDE	J	0.36	1.0	UG/L	
	CHLOROETHANE	J	0.96	2.0	UG/L	
	CHLOROFORM	J	0.98	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	11	50	UG/L	
	TRICHLOROETHENE	J	65	250	UG/L	
IW-70-SAT50-P13	1,1,2-TRICHLOROETHANE	J	0.55	1.0	UG/L	J (all detects)
	1,1-DICHLOROETHANE	J	13	50	UG/L	
	1,2-DICHLOROPROPANE	J	0.95	1.0	UG/L	
	2-BUTANONE	J	7.7	10	UG/L	
	BENZENE	J	0.23	1.0	UG/L	
	CARBON DISULFIDE	J	0.67	1.0	UG/L	
	CHLOROETHANE	J	0.99	2.0	UG/L	
	FREON113	J	0.85	1.0	UG/L	
	TRANS-1,2-DICHLOROETHENE	J	16	50	UG/L	
	TRICHLOROETHENE	J	140	250	UG/L	

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

Reporting Limit Outliers

Lab Reporting Batch ID: 10I666 | Laboratory: EMXT

EDD Filename: 10I666 | eQAPP Name: SealBeach_IRSite70

Method: 8260B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
TB-09/28/10	METHYLENE CHLORIDE	J	0.74	1.0	UG/L	J (all detects)

Method: RSK175

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	EDD Units	Flag
IW-70-SAT03-P13	ETHENE	J	58	100	UG/L	J (all detects)
IW-70-SAT16-P13-D	ETHANE	J	6.4	20	UG/L	J (all detects)
IW-70-SAT31-P13	ETHANE	J	4.3	10	UG/L	J (all detects)
IW-70-SAT35-P13	ETHANE	J	0.89	2.0	UG/L	J (all detects)

Field Duplicate RPD Report

Lab Reporting Batch ID: 10I666 **Laboratory: EMXT**

EDD Filename: Prep10I666 **eQAPP Name: SealBeach_IRSite70**

Method: 300.0M
Matrix: AQ

Analyte	Concentration (MG/L) IW-70-SAT16-P13	Concentration (MG/L) IW-70-SAT16-P13-D	Sample RPD	eQAPP RPD	Flag
Acetate	3850	3490	10	20.00	No Qualifiers Applied
BUTYRATE	1390	1390	0	20.00	
Propionate	1680	1590	6	20.00	

Method: 5310B
Matrix: AQ

Analyte	Concentration (MG/L) IW-70-SAT16-P13	Concentration (MG/L) IW-70-SAT16-P13-D	Sample RPD	eQAPP RPD	Flag
TOC	2910	2890	1	20.00	No Qualifiers Applied

Method: 8260B
Matrix: AQ

Analyte	Concentration (UG/L) IW-70-SAT16-P13	Concentration (UG/L) IW-70-SAT16-P13-D	Sample RPD	eQAPP RPD	Flag
1,1,2-TRICHLOROETHANE	0.48	0.46	4	20.00	No Qualifiers Applied
1,1-DICHLOROETHANE	3.0	3.0	0	20.00	
1,1-DICHLOROETHENE	2.9	3.0	3	20.00	
1,2-DICHLOROETHANE	0.41	0.40	2	20.00	
1,2-DICHLOROPROPANE	0.24	0.26	8	20.00	
2-BUTANONE	230	250	8	20.00	
2-HEXANONE	25	25	0	20.00	
ACETONE	460	490	6	20.00	
CARBON DISULFIDE	1.5	1.6	6	20.00	
CHLOROFORM	11	11	0	20.00	
CIS-1,2-DICHLOROETHENE	1400	1200	15	20.00	
ETHYLBENZENE	0.28	0.27	4	20.00	
FREON113	2.6	2.5	4	20.00	
METHYLENE CHLORIDE	3.7	3.8	3	20.00	
TETRACHLOROETHYLENE	0.26	0.29	11	20.00	
TOLUENE	0.22	0.21	5	20.00	
TRANS-1,2-DICHLOROETHENE	22	22	0	20.00	
TRICHLOROETHENE	840	840	0	20.00	
VINYL CHLORIDE	250	250	0	20.00	

Method: RSK175
Matrix: AQ

Analyte	Concentration (UG/L) IW-70-SAT16-P13	Concentration (UG/L) IW-70-SAT16-P13-D	Sample RPD	eQAPP RPD	Flag
ETHANE	6.0	6.9	14	20.00	No Qualifiers Applied
ETHENE	57	59	3	20.00	
METHANE	240	220	9	20.00	

Project Name and Number: 4-14114 - NWS SEAL BEACH, IR SITE 70.

LDC #: 24216A1

SDG #: 10I666

Laboratory: EMAX Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

ADR

Date: 11/1/10

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/28 → 9/30/10
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	%RSD
IV.	Continuing calibration/ICV	SW	ICV/CCV ≤ 25
V.	Blanks	N	
VI.	Surrogate spikes	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	N	
IX	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	SW	
XIII.	Tentitatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	SW	
XVI.	Field duplicates	N	
XVII.	Field blanks	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

All water

1	IW-70-SAT50-P13	11	IW-70-SAT16-P13	21		31	
2	IW-70-SAT50-P13DL	12	IW-70-SAT16-P13DL	22		32	
3	IW-70-SAT35-P13	13	IW-70-SAT16-P13-D	23		33	
4	IW-70-SAT35-P13DL	14	IW-70-SAT16-P13-DDL	24		34	
5	IW-70-SAT36-P13	15	IW-70-SAT45-P13	25		35	
6	IW-70-SAT36-P13DL	16	IW-70-SAT45-P13DL	26		36	
7	IW-70-SAT46-P13	17	IW-70-SAT03-P13	27		37	
8	IW-70-SAT46-P13DL	18	IW-70-SAT03-P13DL	28		38	
9	IW-70-SAT31-P13	19	TB-09/28/10	29		39	
10	IW-70-SAT31-P13DL	20	~~TB-09/28/10DL~~	30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	U. 1,1,2-Trichloroethane	OO. 2,2-Dichloropropane	III. n-Butylbenzene	CCCC.1-Chlorohexane
B. Bromomethane	V. Benzene	PP. Bromochloromethane	JJJ. 1,2-Dichlorobenzene	DDDD. Isopropyl alcohol
C. Vinyl choride**	W. trans-1,3-Dichloropropene	QQ. 1,1-Dichloropropene	KKK. 1,2,4-Trichlorobenzene	EEEE. Acetonitrile
D. Chloroethane	X. Bromoform*	RR. Dibromomethane	LLL. Hexachlorobutadiene	FFFF. Acrolein
E. Methylene chloride	Y. 4-Methyl-2-pentanone	SS. 1,3-Dichloropropane	MMM. Naphthalene	GGGG. Acrylonitrile
F. Acetone	Z. 2-Hexanone	TT. 1,2-Dibromoethane	NNN. 1,2,3-Trichlorobenzene	HHHH. 1,4-Dioxane
G. Carbon disulfide	AA. Tetrachloroethene	UU. 1,1,1,2-Tetrachloroethane	OOO. 1,3,5-Trichlorobenzene	IIII. Isobutyl alcohol
H. 1,1-Dichloroethene**	BB. 1,1,2,2-Tetrachloroethane*	VV. Isopropylbenzene	PPP. trans-1,2-Dichloroethene	JJJJ. Methacrylonitrile
I. 1,1-Dichloroethane*	CC. Toluene**	WW. Bromobenzene	QQQ. cis-1,2-Dichloroethene	KKKK. Propionitrile
J. 1,2-Dichloroethene, total	DD. Chlorobenzene*	XX. 1,2,3-Trichloropropane	RRR. m,p-Xylenes	LLLL. Ethyl ether
K. Chloroform**	EE. Ethylbenzene**	YY. n-Propylbenzene	SSS. o-Xylene	MMMM. Benzyl chloride
L. 1,2-Dichloroethane	FF. Styrene	ZZ. 2-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	NNNN.
M. 2-Butanone	GG. Xylenes, total	AAA. 1,3,5-Trimethylbenzene	UUU. 1,2-Dichlorotetrafluoroethane	OOOO.
N. 1,1,1-Trichloroethane	HH. Vinyl acetate	BBB. 4-Chlorotoluene	VVV. 4-Ethyltoluene	PPPP.
O. Carbon tetrachloride	II. 2-Chloroethylvinyl ether	CCC. tert-Butylbenzene	WWW. Ethanol	QQQQ.
P. Bromodichloromethane	JJ. Dichlorodifluoromethane	DDD. 1,2,4-Trimethylbenzene	XXX. Di-isopropyl ether	RRRR.
Q. 1,2-Dichloropropane**	KK. Trichlorofluoromethane	EEE. sec-Butylbenzene	YYY. tert-Butanol	SSSS.
R. cis-1,3-Dichloropropene	LL. Methyl-tert-butyl ether	FFF. 1,3-Dichlorobenzene	ZZZ. tert-Butyl alcohol	TTTT.
S. Trichloroethene	MM. 1,2-Dibromo-3-chloropropane	GGG. p-Isopropyltoluene	AAAA. Ethyl tert-butyl ether	UUUU.
T. Dibromochloromethane	NN. Methyl ethyl ketone	HHH. 1,4-Dichlorobenzene	BBBB. tert-Amyl methyl ether	VVVV.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

LDC #: 24116A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y (N) N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <25.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
1	10/5/10	RJC123	KKK	25.2		1,3,5-7,9	J / UJ / A
			LLL	34.6		11,13,15	↓
			NNN	25.7		↓	

CONCAL.1SB

LDC #: 24216A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and CRQLs

Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?

Y N N/A Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1.5.9.11.13.15	QQQ, S, C > calib range		J det/A
		17			
		3.7	QQQ, C > calib range		↓

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24216A1
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

Y N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1.5.15 *	QQQ, ~~X~~ c > calib range		Do Not Use
		2.6.16	All except QQQ, c - diluted		↓
		9.11.13.17	QQQ, S c > calib range		↓
		10.12.14.18	All except QQQ, S, c - diluted		↓
		3.7	QQQ, c > calib range		↓
		4.8	All except QQQ, c - diluted		↓

Comments: * Dilution for TCE were over diluted, so over calib range result reported

OVR.13

LDC #: 24216A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 10/29/10
SDG #: 101666 ADR Page: 1 of 1
Laboratory: EMAX Laboratories, Inc. Reviewer:
2nd Reviewer:

METHOD: (Analyte)TOC (SM5310B), Organic Acids(EPA Method 300)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N A	Sampling dates: 9/28/10 – 9/30/10
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV	Matrix Spike/Matrix Spike Duplicates	N	client specific
V	Duplicates	N	
VI.	Laboratory control samples	N	
VII.	Sample result verification	N	
VIII.	Overall assessment of data	N	
IX.	Field duplicates	—	(6, 7)
X	Field blanks	N	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

1	IW-70-SAT50-P13	11	MS	21		31	
2	IW-70-SAT35-P13	12		22		32	
3	IW-70-SAT36-P13	13		23		33	
4	IW-70-SAT46-P13	14		24		34	
5	IW-70-SAT31-P13	15		25		35	
6	IW-70-SAT16-P13	16		26		36	
7	IW-70-SAT16-P13-D	17		27		37	
8	IW-70-SAT45-P13	18		28		38	
9	IW-70-SAT03-P13	19		29		39	
10		20		30		40	

Notes:

LDC # NM16A1

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: [illegible]
2nd reviewer: [illegible]

All circled methods are applicable to each sample

Sample ID	Matrix	Parameter
1-9	Ka	pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4 organic
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4
		pH TDS Cl F NO_3 NO_2 SO_4 PO_4 ALK CN^- NH_3 TKN TOC CR^{6+} ClO_4

Comments:

LDC #: 24216A51 **VALIDATION COMPLETENESS WORKSHEET** Date: 11/14/10

SDG #: 10I666 ADR Page: 1 of 1

Laboratory: EMAX Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC Methane, Ethane, & Ethene (Method RSK-175)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	N	Sampling dates: 9/29 - 9/30/10
IIa	Initial calibration	A	%RSD
IIb.	Calibration verification/ICV	A	ICV/CCV ≤ 20
III.	Blanks	N	
IVa.	Surrogate recovery	N	
IVb.	Matrix spike/Matrix spike duplicates	N	
IVc.	Laboratory control samples	N	
V.	Target compound identification	N	
VI.	Compound Quantitation and CRQLs	SW	
VII.	System Performance	N	
VIII.	Overall assessment of data	SW	
IX.	Field duplicates	N	
X.	Field blanks	[illegible]	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples:

All water

1	IW-70-SAT50-P13	11	IW-70-SAT31-P13	21	IW-70-SAT03-P13DL1	31	
2	IW-70-SAT50-P13DL	12	IW-70-SAT31-P13DL2	22	IW-70-SAT03-P13DL2	32	
3	IW-70-SAT35-P13	13	IW-70-SAT31-P13DL3	23	~~TB-09/28/10~~	33	
4	IW-70-SAT35-P13DL1	14	IW-70-SAT16-P13	24	~~TB-09/28/10DL~~	34	
5	IW-70-SAT35-P13DL2	15	IW-70-SAT16-P13DL	25		35	
6	IW-70-SAT36-P13	16	IW-70-SAT16-P13-D	26		36	
7	IW-70-SAT36-P13DL	17	IW-70-SAT16-P13-DDL	27		37	
8	IW-70-SAT46-P13	18	IW-70-SAT45-P13	28		38	
9	IW-70-SAT46-P13DL1	19	IW-70-SAT45-P13DL	29		39	
10	IW-70-SAT46-P13DL2	20	IW-70-SAT03-P13	30		40	

Notes:

LDC #: 24216A51
SDG #: -

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported CRQLs

Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: ✓ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".
Level IV/D Only
Y N N/A Were CRQLs adjusted for sample dilutions, dry weights, etc.?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		1, 4, 9, 12, 16,	Methane > calib range		J det/A
		18, 21			
		3, 6, 8, 11, 14,	Methane, Ethane >	calib range	J
		20			

Comments: See sample calculation verification worksheet for recalculations

LDC #: 24216A51
SDG #: -

VALIDATION FINDINGS WORKSHEET
Overall Assessment of Data

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: ✓GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

All available information pertaining to the data were reviewed using professional judgement to compliment the determination of the overall quality of the data.

(Y)N N/A Was the overall quality and usability of the data acceptable?

#	Date	Sample ID	Finding	Associated Samples	Qualifications
		3. 6. 8. 11. 14.	Methane, Ethane > calib range		D. Not Qn
		20			
		7. 15	All except Methane,	Ethane - diluted	J
		1. 16. 18. ~~2~~ 21	Methane > calib range		J
		2. 17. 19. 22. 5.	All except Methane	- diluted	J
		10. 13.			
		4. 9. 12. 21	All except Ethane -	Ethane diluted	J
				Methane > calib range	

Comments:

APPENDIX E

DATABASE EXPORT OF ANALYTICAL RESULTS

Appendix E
Seal Beach Site 70 Analytical Results (2008-2010)

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1-DICHLOROETHENE	0.39	J	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	300.0M	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BROMIDE	0.312	J	MG/L	0.500	0.250	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	300.0M	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	300.0	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLORIDE-CL	93.6		MG/L	2.00	1.00	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CIS-1,2-DICHLOROETHENE	10		UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H260	RSK175	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H260	RSK175	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	RSK175	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	METHANE	7.4		UG/L	2.0	0.60	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	300.0	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	SULFATE	146		MG/L	5.00	2.50	AQ
08H260	2540C	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TDS	530		MG/L	20.0	5.00	AQ
08H260	2540C	IW-70-FSB108-08ADUP	IW-70-FSB108	FSB1	08/25/2008 13:35	TDS	540		MG/L	20.0	5.00	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	5310B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TOC	0.656	J	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	2320B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TOTAL ALKALINITY	178		MG/L	5.00	1.00	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TRANS-1,2-DICHLOROETHENE	0.22	J	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TRICHLOROETHENE	120		UG/L	50	2.0	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-FSB108-08A	IW-70-FSB108	FSB1	08/25/2008 13:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1-DICHLOROETHENE	0.41	J	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	2-BUTANONE	95		UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	2-HEXANONE	11		UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ACETATE	11.3		MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ACETONE	240		UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BENZENE	0.23	J	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CARBON DISULFIDE	1.5		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CHLOROETHANE	1.2	J	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CIS-1,2-DICHLOROETHENE	610		UG/L	50	10	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	Dhc	9.00E+06		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ETHANE	1.4	J	UG/L	2.0	0.60	AQ
10G020	RSK175	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ETHENE	1.3	J	UG/L	2.0	0.60	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ETHYLBENZENE	0.47	J	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	METHANE	6200		UG/L	800	240	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	PROPIONATE	190		MG/L	10.0	5.00	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TOC	186		MG/L	10.0	5.00	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TRANS-1,2-DICHLOROETHENE	4.7		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TRICHLOROETHENE	0.36	J	UG/L	5.0	0.20	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	vcrA	7.00E+05		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	VINYL CHLORIDE	100		UG/L	25	10	AQ
10G020	8260B	IW-70-FSB108-P12	IW-70-FSB108	FSB1	06/30/2010 11:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	2-BUTANONE	80		UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	2-HEXANONE	12		UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	300.0M	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ACETATE	18.8		MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ACETONE	300		UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BROMIDE	2.50	U	MG/L	2.50	1.25	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	300.0M	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CARBON DISULFIDE	3.9		UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	300.0	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLORIDE-CL	373		MG/L	8.00	4.00	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLOROETHANE	0.67	J	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CHLOROMETHANE	0.23	J	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	Dhc	4.00E+07		c/L	4.00E+03	1.0	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	RSK175	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I091	RSK175	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ETHENE	8.9		UG/L	2.0	0.60	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	RSK175	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	METHANE	22000		UG/L	2000	600	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	NITRATE-N	1.00	U	MG/L	1.00	0.250	AQ
10I091	300.0	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	PROPIONATE	15.3		MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	SULFATE	2.50	U	MG/L	2.50	1.25	AQ
10I091	2540C	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TDS	1700		MG/L	20.0	5.00	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	5310B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TOC	106		MG/L	5.00	2.50	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	2320B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TOTAL ALKALINITY	699		MG/L	5.00	1.00	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TRANS-1,2-DICHLOROETHENE	1.5		UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TRICHLOROETHENE	0.38	J	UG/L	5.0	0.20	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1991	PCR	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	vcrA	3.00E+07		c/L	4.00E+03	1.0	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	VINYL CHLORIDE	180		UG/L	25	10	AQ
10I091	8260B	IW-70-FSB108-A10	IW-70-FSB108	FSB1	09/08/2010 10:32	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1-DICHLOROETHANE	2.3		UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1-DICHLOROETHENE	6.2		UG/L	0.50	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H279	300.0M	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ACETATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	300.0M	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	ACETATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	300.0	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMIDE	0.724		MG/L	0.500	0.250	AQ
08H279	300.0	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMIDE	0.732		MG/L	0.500	0.250	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H279	300.0M	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	BUTYRATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	300.0M	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	BUTYRATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H279	300.0	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLORIDE-CL	411		MG/L	8.00	4.00	AQ
08H279	300.0	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLORIDE-CL	411		MG/L	8.00	4.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CIS-1,2-DICHLOROETHENE	540		UG/L	250	50	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H279	RSK175	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ETHANE	1.0	J	UG/L	2.0	0.60	AQ
08H279	RSK175	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	300.0M	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	LACTATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	300.0M	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	LACTATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H279	RSK175	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	METHANE	29		UG/L	2.0	0.60	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	300.0	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H279	300.0	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H279	300.0	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H279	300.0	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	300.0M	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	PROPIONATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	300.0M	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	PROPIONATE	4.00	U	MG/L	4.00	2.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	300.0	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	SULFATE	490		MG/L	20.0	10.0	AQ
08H279	300.0	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	SULFATE	490		MG/L	20.0	10.0	AQ
08H279	2540C	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TDS	1740		MG/L	20.0	5.00	AQ
08H279	2540C	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	TDS	1820		MG/L	20.0	5.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	5310B	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	TOC	1.04		MG/L	1.00	0.500	AQ
08H279	5310B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TOC	1.10	U	MG/L	1.00	0.500	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	2320B	IW-70-FSB118-08ADUP	IW-70-FSB118	FSB1	08/26/2008 10:52	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
08H279	2320B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TOTAL ALKALINITY	208		MG/L	5.00	1.00	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TRANS-1,2-DICHLOROETHENE	8.7		UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TRICHLOROETHENE	4100		UG/L	1200	50	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	VINYL CHLORIDE	5.1		UG/L	0.50	0.20	AQ
08H279	8260B	IW-70-FSB118-08A	IW-70-FSB118	FSB1	08/26/2008 10:52	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	2-BUTANONE	37		UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ACETATE	30.0		MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ACETONE	55		UG/L	10	5.0	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BENZENE	0.30	J	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CARBON DISULFIDE	1.1		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CHLOROETHANE	0.63	J	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CIS-1,2-DICHLOROETHENE	1.8		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ETHENE	4.6		UG/L	2.0	0.60	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	LACTATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	METHANE	23000		UG/L	2000	600	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	PROPIONATE	16.5		MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TOC	32.0		MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TRICHLOROETHENE	1.1	J	UG/L	5.0	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	vcrA	3.00E+06		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	VINYL CHLORIDE	16		UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-FSB118-P12	IW-70-FSB118	FSB1	06/30/2010 14:21	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	300.0M	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ACETONE	5.4	J	UG/L	10	5.0	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BROMIDE	1.77	J	MG/L	2.50	1.25	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	300.0M	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CARBON DISULFIDE	1.3		UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	300.0	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLORIDE-CL	487		MG/L	8.00	4.00	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLOROETHANE	0.29	J	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CIS-1,2-DICHLOROETHENE	0.98	J	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	Dhc	3.00E+06		c/L	4.00E+03	1.0	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	RSK175	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I091	RSK175	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ETHENE	15		UG/L	2.0	0.60	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	RSK175	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	METHANE	26000		UG/L	2000	600	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I091	300.0	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	SULFATE	1.93		MG/L	1.00	0.500	AQ
10I091	2540C	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TDS	2420		MG/L	20.0	5.00	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	5310B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TOC	14.0		MG/L	1.00	0.500	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	2320B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TOTAL ALKALINITY	1330		MG/L	5.00	1.00	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TRANS-1,2-DICHLOROETHENE	1.6		UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TRICHLOROETHENE	0.58	J	UG/L	5.0	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1991	PCR	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	vcrA	5.00E+06		c/L	4.00E+03	1.0	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	VINYL CHLORIDE	22		UG/L	0.50	0.20	AQ
10I091	8260B	IW-70-FSB118-A10	IW-70-FSB118	FSB1	09/08/2010 11:34	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1-DICHLOROETHANE	1.9		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1-DICHLOROETHENE	7.5		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	300.0M	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	6010B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BROMIDE	0.759		MG/L	0.500	0.250	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	300.0M	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	300.0	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLORIDE-CL	392		MG/L	4.00	2.00	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CIS-1,2-DICHLOROETHENE	1900		UG/L	50	10	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H260	RSK175	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H260	RSK175	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	4500F	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H260	6010B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	6010B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	MANGANESE	0.233		MG/L	0.200	0.00300	AQ
08H260	RSK175	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	METHANE	9.4		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	300.0	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	SULFATE	436		MG/L	10.0	5.00	AQ
08H260	2540C	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TDS	1500		MG/L	20.0	5.00	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	5310B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TOC	1.18		MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	2320B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TOTAL ALKALINITY	175		MG/L	5.00	1.00	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TRANS-1,2-DICHLOROETHENE	29		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TRICHLOROETHENE	1500		UG/L	250	10	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	VINYL CHLORIDE	3.7		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-38-08A	MW-70-38	FSB1	08/25/2008 13:03	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1-DICHLOROETHANE	0.40	J	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ACETATE	25.1		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ACETONE	8.7	J	UG/L	10	5.0	AQ
10I066	6010B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ARSENIC	0.00558	J	MG/L	0.200	0.00500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BROMIDE	2.84		MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	300.0M	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CARBON DISULFIDE	2.1		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLORIDE-CL	374		MG/L	8.00	4.00	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLOROETHANE	0.53	J	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CIS-1,2-DICHLOROETHENE	17		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ETHANE	0.71	J	UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ETHENE	200		UG/L	20	6.0	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	4500F	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I066	6010B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	IRON	2.15		MG/L	0.200	0.0400	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	6010B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	MANGANESE	0.599		MG/L	0.200	0.00300	AQ
10I066	RSK175	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	METHANE	23000		UG/L	2000	600	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	300.0	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	SULFATE	8.69		MG/L	1.00	0.500	AQ
10I066	2540C	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TDS	1560		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TOC	15.2		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TOTAL ALKALINITY	785		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TRANS-1,2-DICHLOROETHENE	8.0		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TRICHLOROETHENE	1.3	J	UG/L	5.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	VINYL CHLORIDE	5.8		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-38-A10	MW-70-38	FSB1	09/03/2010 13:34	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	2-BUTANONE	11		UG/L	10	5.0	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	4-METHYL-2-PENTANONE	5.7	J	UG/L	10	5.0	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	ACETONE	110		UG/L	10	5.0	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	BENZENE	0.51	J	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CHLOROMETHANE	0.33	J	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	ETHYLBENZENE	3.0		UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	M/P-XYLENES	2.3		UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	O-XYLENE	3.2		UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TOLUENE	0.46	J	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-43A-A10	MW-70-43A	FSB1	09/28/2010 9:23	XYLENES (TOTAL)	5.5		UG/L	2.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1-DICHLOROETHENE	0.59		UG/L	0.50	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CIS-1,2-DICHLOROETHENE	9.9		UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H279	RSK175	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H279	RSK175	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H279	RSK175	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	METHANE	2.4		UG/L	2.0	0.60	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TRANS-1,2-DICHLOROETHENE	0.25	J	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TRICHLOROETHENE	55		UG/L	25	1.0	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	MW-70-MNA06-08A	MW-70-MNA06	FSB1	08/26/2008 12:14	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1-DICHLOROETHENE	0.59		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CIS-1,2-DICHLOROETHENE	34		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	ETHENE	1.0	J	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	METHANE	9.8		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TRANS-1,2-DICHLOROETHENE	0.79	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TRICHLOROETHENE	11		UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	VINYL CHLORIDE	0.34	J	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10	MW-70-MNA06	FSB1	09/10/2010 13:02	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1-DICHLOROETHENE	0.64		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CIS-1,2-DICHLOROETHENE	37		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	ETHENE	1.1	J	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	METHANE	10		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TRANS-1,2-DICHLOROETHENE	0.86	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TRICHLOROETHENE	12		UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	VINYL CHLORIDE	0.24	J	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA06-A10-D	MW-70-MNA06	FSB1	09/10/2010 13:07	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1-DICHLOROETHANE	0.28	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1-DICHLOROETHENE	1.1		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CIS-1,2-DICHLOROETHENE	70		UG/L	50	10	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	RSK175	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	METHANE	23		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TRANS-1,2-DICHLOROETHENE	1.5		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TRICHLOROETHENE	610		UG/L	250	10	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	VINYL CHLORIDE	0.51		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-MNA07-08A	MW-70-MNA07	FSB1	08/22/2008 12:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	2-BUTANONE	7.9	J	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	ACETONE	13		UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	BROMODICHLOROMETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CARBON DISULFIDE	0.37	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CHLOROETHANE	0.57	J	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CIS-1,2-DICHLOROETHENE	20	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	ETHANE	1.4	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	ETHENE	190		UG/L	40	12	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	RSK175	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	METHANE	17000		UG/L	4000	1200	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TRANS-1,2-DICHLOROETHENE	5.0		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TRICHLOROETHENE	2.6	J	UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	VINYL CHLORIDE	2.0		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA07-A10	MW-70-MNA07	FSB1	09/16/2010 14:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1-DICHLOROETHANE	2.0		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1-DICHLOROETHENE	3.8		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CIS-1,2-DICHLOROETHENE	390		UG/L	250	50	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	ETHANE	0.86	J	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	RSK175	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	METHANE	27		UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TRANS-1,2-DICHLOROETHENE	7.9		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TRICHLOROETHENE	3000		UG/L	1200	50	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	VINYL CHLORIDE	5.6		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA08-08A	MW-70-MNA08	FSB1	08/27/2008 9:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1-DICHLOROETHANE	1.6		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1-DICHLOROETHENE	8.5		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	ACETONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CARBON DISULFIDE	0.28	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CHLOROETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CIS-1,2-DICHLOROETHENE	2600	J	UG/L	100	20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	ETHANE	1.5	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	ETHENE	0.73	J	UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	M/P-XYLENES	1.0	UJ	UG/L	1.0	0.50	AQ
10I246	RSK175	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	METHANE	68	J	UG/L	20	6.0	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TRANS-1,2-DICHLOROETHENE	19		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TRICHLOROETHENE	17		UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	TRICHLOROFLUOROMETHANE	0.42	J	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	VINYL CHLORIDE	4.7		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-MNA08-A10	MW-70-MNA08	FSB1	09/16/2010 14:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CIS-1,2-DICHLOROETHENE	0.92	J	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CIS-1,2-DICHLOROETHENE	0.99	J	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	RSK175	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	METHANE	29		UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	METHANE	22		UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRICHLOROETHENE	0.68	J	UG/L	5.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRICHLOROETHENE	0.74	J	UG/L	5.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-MNA11-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-3-08A	MW-70-MNA11	FSB1	08/28/2008 7:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CIS-1,2-DICHLOROETHENE	0.77	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	METHANE	9.8		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TRICHLOROETHENE	1.0	J	UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA11-A10	MW-70-MNA11	FSB1	09/10/2010 14:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1-DICHLOROETHANE	0.45	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1-DICHLOROETHENE	3.4		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BROMIDE	0.394	J	MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CHLORIDE-CL	111		MG/L	2.00	1.00	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CIS-1,2-DICHLOROETHENE	49		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	IRON	0.0566	J	MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	MANGANESE	0.141	J	MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	METHANE	9.2		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	SULFATE	157		MG/L	5.00	2.50	AQ
08H244	2540C	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TDS	680		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	5310B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TOC	0.680	J	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TOTAL ALKALINITY	180		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TRANS-1,2-DICHLOROETHENE	0.85	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TRICHLOROETHENE	790		UG/L	250	10	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	VINYL CHLORIDE	0.34	J	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04A-08A	MW-70-PMW04A	FSB1	08/22/2008 9:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1-DICHLOROETHANE	0.41	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1-DICHLOROETHENE	4.4		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	300.0M	MW-70-PMW04A-P12DUP	MW-70-PMW04A	FSB1	06/30/2010 8:47	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ACETONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	300.0M	MW-70-PMW04A-P12DUP	MW-70-PMW04A	FSB1	06/30/2010 8:47	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CIS-1,2-DICHLOROETHENE	550		UG/L	50	10	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ETHENE	9.5		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	300.0M	MW-70-PMW04A-P12DUP	MW-70-PMW04A	FSB1	06/30/2010 8:47	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	METHANE	12000		UG/L	2000	600	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	300.0M	MW-70-PMW04A-P12DUP	MW-70-PMW04A	FSB1	06/30/2010 8:47	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TOC	1.62		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TRANS-1,2-DICHLOROETHENE	4.8		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TRICHLOROETHENE	9.2		UG/L	5.0	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	vcrA	8.00E+05		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	VINYL CHLORIDE	13		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04A-P12	MW-70-PMW04A	FSB1	06/30/2010 8:47	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1-DICHLOROETHANE	0.33	J	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1-DICHLOROETHENE	3.3		UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I075	300.0M	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ACETONE	6.1	J	UG/L	10	5.0	AQ
10I075	6010B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BROMIDE	0.787		MG/L	0.500	0.250	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	300.0M	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CARBON DISULFIDE	0.85	J	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I075	300.0	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLORIDE-CL	133		MG/L	2.00	1.00	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CIS-1,2-DICHLOROETHENE	450		UG/L	25	5.0	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	Dhc	2.00E+05		c/L	4.00E+03	1.0	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I075	RSK175	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ETHANE	0.77	J	UG/L	2.0	0.60	AQ
10I075	RSK175	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ETHENE	40		UG/L	2.0	0.60	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	4500F	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I075	6010B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	IRON	0.328		MG/L	0.200	0.0400	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0M	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I075	6010B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	MANGANESE	0.224		MG/L	0.200	0.00300	AQ
10I075	RSK175	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	METHANE	490	J	UG/L	2.0	0.60	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	300.0	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0M	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	SULFATE	106		MG/L	5.00	2.50	AQ
10I075	2540C	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TDS	766		MG/L	20.0	5.00	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I075	5310B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TOC	1.36		MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	2320B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TOTAL ALKALINITY	422		MG/L	5.00	1.00	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TRANS-1,2-DICHLOROETHENE	3.4		UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TRICHLOROETHENE	12		UG/L	5.0	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1991	PCR	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	vcrA	4.00E+05		c/L	4.00E+03	1.0	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	VINYL CHLORIDE	31		UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04A-A10	MW-70-PMW04A	FSB1	09/07/2010 10:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1-DICHLOROETHANE	0.52	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1-DICHLOROETHENE	4.8		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BROMIDE	0.703		MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLORIDE-CL	223		MG/L	2.00	1.00	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CIS-1,2-DICHLOROETHENE	340		UG/L	100	20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	IRON	0.0677	J	MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	MANGANESE	0.0646	J	MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	METHANE	7.5		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	SULFATE	139		MG/L	5.00	2.50	AQ
08H244	2540C	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TDS	850		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	5310B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TOC	0.917	J	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TOTAL ALKALINITY	193		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TRANS-1,2-DICHLOROETHENE	5.0		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TRICHLOROETHENE	890		UG/L	500	20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	VINYL CHLORIDE	0.47	J	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW04B-08A	MW-70-PMW04B	FSB1	08/22/2008 10:18	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1-DICHLOROETHANE	1.0		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1-DICHLOROETHENE	14		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ACETONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CIS-1,2-DICHLOROETHENE	1400		UG/L	100	20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ETHENE	1.6	J	UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	METHANE	21		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TOC	0.901	J	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TRANS-1,2-DICHLOROETHENE	21		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TRICHLOROETHENE	55		UG/L	5.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	VINYL CHLORIDE	2.2		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW04B-P12	MW-70-PMW04B	FSB1	06/30/2010 9:16	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1-DICHLOROETHANE	0.89	J	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1-DICHLOROETHENE	12		UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I075	300.0M	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	300.0M	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ACETONE	10	U	UG/L	10	5.0	AQ
10I075	6010B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
10I075	300.0	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	300.0M	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	300.0M	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CARBON DISULFIDE	0.34	J	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I075	300.0	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLORIDE-CL	151		MG/L	4.00	2.00	AQ
10I075	300.0	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLORIDE-CL	152		MG/L	4.00	2.00	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CIS-1,2-DICHLOROETHENE	1400		UG/L	25	5.0	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I075	RSK175	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I075	RSK175	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ETHENE	1.1	J	UG/L	2.0	0.60	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	4500F	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I075	4500F	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I075	6010B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	IRON	0.380		MG/L	0.200	0.0400	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0M	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	300.0M	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I075	6010B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	MANGANESE	0.221		MG/L	0.200	0.00300	AQ
10I075	RSK175	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	METHANE	34		UG/L	4.0	1.2	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	300.0	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	300.0	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	300.0	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0M	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	300.0M	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	300.0	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	SULFATE	165		MG/L	10.0	5.00	AQ
10I075	300.0	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	SULFATE	165		MG/L	10.0	5.00	AQ
10I075	2540C	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TDS	652		MG/L	20.0	5.00	AQ
10I075	2540C	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	TDS	664		MG/L	20.0	5.00	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	5310B	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	TOC	0.915		MG/L	1.00	0.500	AQ
10I075	5310B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TOC	1.04		MG/L	1.00	0.500	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	2320B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TOTAL ALKALINITY	173		MG/L	5.00	1.00	AQ
10I075	2320B	MW-70-PMW04B-A10DUP	MW-70-PMW04B	FSB1	09/07/2010 11:50	TOTAL ALKALINITY	173		MG/L	5.00	1.00	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TRANS-1,2-DICHLOROETHENE	16		UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TRICHLOROETHENE	15		UG/L	5.0	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	TRICHLOROFLUOROMETHANE	0.48	J	UG/L	2.0	0.20	AQ
S-1991	PCR	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
10I075	8260B	MW-70-PMW04B-A10	MW-70-PMW04B	FSB1	09/07/2010 11:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1-DICHLOROETHENE	0.48	J	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BROMIDE	0.370	J	MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLORIDE-CL	105		MG/L	2.00	1.00	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CIS-1,2-DICHLOROETHENE	18		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	IRON	0.154	J	MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	MANGANESE	0.127	J	MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	METHANE	6.7		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	SULFATE	169		MG/L	5.00	2.50	AQ
08H244	2540C	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TDS	685		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	5310B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TOC	0.807	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TOTAL ALKALINITY	185		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TRANS-1,2-DICHLOROETHENE	0.65	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TRICHLOROETHENE	130		UG/L	50	2.0	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW05A-08A	MW-70-PMW05A	FSB1	08/22/2008 11:48	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ACETATE	0.610	J	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ACETONE	14		UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CARBON DISULFIDE	0.32	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CHLOROETHANE	0.20	J	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CIS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	Dhc	4.00E+07		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ETHENE	32		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	METHANE	17000		UG/L	2000	600	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TOC	3.34		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TRICHLOROETHENE	0.27	J	UG/L	5.0	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	vcrA	4.00E+07		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	VINYL CHLORIDE	1.7		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05A-P12	MW-70-PMW05A	FSB1	06/30/2010 9:52	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	300.0M	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I091	6010B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	300.0M	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CARBON DISULFIDE	0.32	J	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	300.0	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLORIDE-CL	136		MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CIS-1,2-DICHLOROETHENE	6.8		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	Dhc	1.00E+05		c/L	4.00E+03	1.0	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	RSK175	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ETHANE	0.91	J	UG/L	2.0	0.60	AQ
10I091	RSK175	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ETHENE	15		UG/L	2.0	0.60	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	4500F	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I091	6010B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	IRON	3.36		MG/L	0.200	0.0400	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	6010B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	MANGANESE	0.815		MG/L	0.200	0.00300	AQ
10I091	RSK175	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	METHANE	16000		UG/L	2000	600	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I091	300.0	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	SULFATE	53.8		MG/L	2.50	1.25	AQ
10I091	2540C	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TDS	732		MG/L	20.0	5.00	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	5310B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TOC	2.23		MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	2320B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TOTAL ALKALINITY	405		MG/L	5.00	1.00	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TRANS-1,2-DICHLOROETHENE	0.94	J	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TRICHLOROETHENE	1.6	J	UG/L	5.0	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1991	PCR	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	vcrA	1.00E+06		c/L	4.00E+03	1.0	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	VINYL CHLORIDE	2.1		UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05A-A10	MW-70-PMW05A	FSB1	09/08/2010 9:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1-DICHLOROETHANE	0.65	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1-DICHLOROETHENE	7.3		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMIDE	0.397	J	MG/L	0.500	0.250	AQ
08H244	300.0	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMIDE	0.400	J	MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLORIDE-CL	120		MG/L	2.00	1.00	AQ
08H244	300.0	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLORIDE-CL	120		MG/L	2.00	1.00	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLOROFORM	0.30	J	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CIS-1,2-DICHLOROETHENE	93		UG/L	50	10	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	MANGANESE	0.0606	J	MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	METHANE	8.2		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	NITRATE-N	0.0734	J	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	NITRATE-N	0.0752	J	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	SULFATE	123		MG/L	5.00	2.50	AQ
08H244	300.0	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	SULFATE	124		MG/L	5.00	2.50	AQ
08H244	2540C	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TDS	620		MG/L	20.0	5.00	AQ
08H244	2540C	MW-70-PMW05B-08ADUP	MW-70-PMW05B	FSB1	08/22/2008 12:57	TDS	630		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	5310B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TOC	0.874	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TOTAL ALKALINITY	175		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TRANS-1,2-DICHLOROETHENE	1.3		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TRICHLOROETHENE	1500		UG/L	250	10	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	VINYL CHLORIDE	0.56		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW05B-08A	MW-70-PMW05B	FSB1	08/22/2008 12:57	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1-DICHLOROETHANE	0.29	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1-DICHLOROETHENE	0.21	J	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ACETATE	4.01		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ACETONE	6.4	J	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CARBON DISULFIDE	3.2		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CIS-1,2-DICHLOROETHENE	22		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	Dhc	2.00E+08		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ETHENE	19		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	RSK175	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	METHANE	3600		UG/L	800	240	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TOC	3.75		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TRANS-1,2-DICHLOROETHENE	3.0		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TRICHLOROETHENE	0.53	J	UG/L	5.0	0.20	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	vcrA	3.00E+05		c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	VINYL CHLORIDE	270		UG/L	5.0	2.0	AQ
10G020	8260B	MW-70-PMW05B-P12	MW-70-PMW05B	FSB1	06/30/2010 10:39	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1-DICHLOROETHANE	0.21	J	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	300.0M	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ACETONE	10	U	UG/L	10	5.0	AQ
10I091	6010B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BROMIDE	1.67	J	MG/L	2.50	1.25	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	300.0M	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CARBON DISULFIDE	2.1		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	300.0	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLORIDE-CL	823		MG/L	8.00	4.00	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CIS-1,2-DICHLOROETHENE	4.5		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1991	PCR	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	Dhc	4.00E+07		c/L	4.00E+03	1.0	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	RSK175	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I091	RSK175	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ETHENE	95		UG/L	10	3.0	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	4500F	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	HYDROGEN SULFIDE	8.29		MG/L	1.00	0.400	AQ
10I091	6010B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	IRON	0.374		MG/L	0.200	0.0400	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	6010B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	MANGANESE	0.195	J	MG/L	0.200	0.00300	AQ
10I091	RSK175	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	METHANE	23000		UG/L	2000	600	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	NITRATE-N	1.00	U	MG/L	1.00	0.250	AQ
10I091	300.0	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0M	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	300.0	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	SULFATE	147		MG/L	2.50	1.25	AQ
10I091	2540C	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TDS	2330		MG/L	20.0	5.00	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	5310B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TOC	4.47		MG/L	1.00	0.500	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	2320B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TOTAL ALKALINITY	618		MG/L	5.00	1.00	AQ
10I091	2320B	MW-70-PMW05B-A10DUP	MW-70-PMW05B	FSB1	09/08/2010 9:38	TOTAL ALKALINITY	620		MG/L	5.00	1.00	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TRANS-1,2-DICHLOROETHENE	3.2		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TRICHLOROETHENE	0.99	J	UG/L	5.0	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1991	PCR	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	vcrA	4.00E+07		c/L	4.00E+03	1.0	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	VINYL CHLORIDE	52		UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-PMW05B-A10	MW-70-PMW05B	FSB1	09/08/2010 9:38	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1-DICHLOROETHANE	1.7		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1-DICHLOROETHENE	10		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BROMIDE	0.721		MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLORIDE-CL	338		MG/L	4.00	2.00	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CIS-1,2-DICHLOROETHENE	2500		UG/L	100	20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ETHANE	1.0	J	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	IRON	0.588		MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	300.0M	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	MANGANESE	0.242		MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	METHANE	23		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	SULFATE	402		MG/L	10.0	5.00	AQ
08H244	2540C	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TDS	1500		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	5310B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TOC	1.08		MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TOTAL ALKALINITY	195		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TRANS-1,2-DICHLOROETHENE	21		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TRICHLOROETHENE	180	J	UG/L	500	20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	VINYL CHLORIDE	3.4		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06A-08A	MW-70-PMW06A	FSB1	08/22/2008 11:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1-DICHLOROETHANE	2.0		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1-DICHLOROETHENE	13		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ACETONE	10	U	UG/L	10	5.0	AQ
10I066	6010B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BROMIDE	0.729		MG/L	0.500	0.250	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	300.0M	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CARBON DISULFIDE	1.7		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLORIDE-CL	426		MG/L	8.00	4.00	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CIS-1,2-DICHLOROETHENE	2700		UG/L	50	10	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ETHANE	1.8	J	UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ETHENE	6.5		UG/L	2.0	0.60	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	4500F	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I066	6010B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	IRON	0.443		MG/L	0.200	0.0400	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	6010B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	MANGANESE	0.376		MG/L	0.200	0.00300	AQ
10I066	RSK175	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	METHANE	200		UG/L	40	12	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I066	300.0	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	SULFATE	481		MG/L	20.0	10.0	AQ
10I066	2540C	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TDS	1870		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TOC	1.22		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TOTAL ALKALINITY	212		MG/L	5.00	1.00	AQ
10I066	2320B	MW-70-PMW06A-A10DUP	MW-70-PMW06A	FSB1	09/03/2010 12:10	TOTAL ALKALINITY	212		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TRANS-1,2-DICHLOROETHENE	56		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TRICHLOROETHENE	19		UG/L	5.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	VINYL CHLORIDE	95		UG/L	25	10	AQ
10I066	8260B	MW-70-PMW06A-A10	MW-70-PMW06A	FSB1	09/03/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1-DICHLOROETHANE	1.5		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1-DICHLOROETHENE	4.6		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	300.0M	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	6010B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BROMIDE	0.534		MG/L	0.500	0.250	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	300.0M	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	300.0	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLORIDE-CL	247		MG/L	4.00	2.00	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CIS-1,2-DICHLOROETHENE	130		UG/L	100	20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	RSK175	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H244	RSK175	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	4500F	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H244	6010B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	IRON	0.0609	J	MG/L	0.200	0.0400	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	6010B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	MANGANESE	0.244		MG/L	0.200	0.00300	AQ
08H244	RSK175	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	METHANE	10		UG/L	2.0	0.60	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	300.0	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0M	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	300.0	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	SULFATE	217		MG/L	10.0	5.00	AQ
08H244	2540C	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TDS	1000		MG/L	20.0	5.00	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	5310B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TOC	1.02		MG/L	1.00	0.500	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	2320B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TOTAL ALKALINITY	165		MG/L	5.00	1.00	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TRANS-1,2-DICHLOROETHENE	15		UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TRICHLOROETHENE	3100		UG/L	500	20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	VINYL CHLORIDE	4.1		UG/L	0.50	0.20	AQ
08H244	8260B	MW-70-PMW06B-08A	MW-70-PMW06B	FSB1	08/22/2008 8:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1-DICHLOROETHANE	2.4		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1-DICHLOROETHENE	9.8		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ACETONE	10	U	UG/L	10	5.0	AQ
10I066	6010B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BROMIDE	0.331	J	MG/L	0.500	0.250	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	300.0M	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CARBON DISULFIDE	1.1		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLORIDE-CL	318		MG/L	4.00	2.00	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CIS-1,2-DICHLOROETHENE	430		UG/L	100	20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ETHENE	0.64	J	UG/L	2.0	0.60	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	4500F	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I066	6010B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	IRON	0.0479	J	MG/L	0.200	0.0400	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	6010B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	MANGANESE	0.277		MG/L	0.200	0.00300	AQ
10I066	RSK175	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	METHANE	12		UG/L	2.0	0.60	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I066	300.0	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	SULFATE	283		MG/L	10.0	5.00	AQ
10I066	2540C	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TDS	1280		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TOC	0.752	J	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TOTAL ALKALINITY	175		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TRANS-1,2-DICHLOROETHENE	51		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TRICHLOROETHENE	4400		UG/L	500	20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	VINYL CHLORIDE	9.8	J	UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW06B-A10	MW-70-PMW06B	FSB1	09/03/2010 12:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1-DICHLOROETHENE	0.22	J	UG/L	0.50	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CIS-1,2-DICHLOROETHENE	4.2		UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H260	RSK175	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H260	RSK175	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	RSK175	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	METHANE	4.5		UG/L	2.0	0.60	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TRANS-1,2-DICHLOROETHENE	0.23	J	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TRICHLOROETHENE	38		UG/L	5.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	RDO-5-08A	RDO-5	FSB1	08/25/2008 14:28	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	ACETONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CARBON DISULFIDE	0.24	J	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CIS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I246	RSK175	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	ETHENE	9.3		UG/L	2.0	0.60	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	RSK175	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	METHANE	7500		UG/L	2000	600	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TRANS-1,2-DICHLOROETHENE	0.79	J	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TRICHLOROETHENE	4.2	J	UG/L	5.0	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	VINYL CHLORIDE	2.7		UG/L	0.50	0.20	AQ
10I246	8260B	RDO-5-A10	RDO-5	FSB1	09/16/2010 13:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1-DICHLOROETHANE	0.27	J	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BROMIDE	1.30		MG/L	0.500	0.250	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLORIDE-CL	4850		MG/L	40.0	20.0	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CIS-1,2-DICHLOROETHENE	7.7		UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	RSK175	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	METHANE	6.9		UG/L	2.0	0.60	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	SULFATE	1120		MG/L	100	50.0	AQ
08H295	2540C	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TDS	9950		MG/L	20.0	5.00	AQ
08H295	2540C	IW-70-FSB216-08ADUP	IW-70-FSB216	FSB2	08/27/2008 14:25	TDS	10400		MG/L	20.0	5.00	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	IW-70-FSB216-08ADUP	IW-70-FSB216	FSB2	08/27/2008 14:25	TOC	1.64		MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	5310B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TOC	1.68		MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TOTAL ALKALINITY	288		MG/L	5.00	1.00	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TRANS-1,2-DICHLOROETHENE	0.35	J	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TRICHLOROETHENE	63		UG/L	25	1.0	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	VINYL CHLORIDE	0.45	J	UG/L	0.50	0.20	AQ
08H295	8260B	IW-70-FSB216-08A	IW-70-FSB216	FSB2	08/27/2008 14:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	2-BUTANONE	93		UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	2-HEXANONE	5.6	J	UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ACETATE	233		MG/L	10.0	5.00	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ACETONE	390		UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	BUTYRATE	7.33		MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CARBON DISULFIDE	2.7		UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CHLOROETHANE	0.72	J	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CIS-1,2-DICHLOROETHENE	2.6		UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	Dhc	1.00E+08		c/L	4.00E+03	1.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	RSK175	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ETHENE	0.67	J	UG/L	2.0	0.60	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	METHANE	17000		UG/L	2000	600	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	PROPIONATE	113		MG/L	10.0	5.00	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	5310B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TOC	344		MG/L	40.0	20.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TRANS-1,2-DICHLOROETHENE	0.63	J	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TRICHLOROETHENE	1.7	J	UG/L	5.0	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	vcrA	3.00E+06		c/L	4.00E+03	1.0	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	VINYL CHLORIDE	23		UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB216-P11	IW-70-FSB216	FSB2	05/27/2010 10:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	2-BUTANONE	120		UG/L	10	5.0	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	2-HEXANONE	6.3	J	UG/L	10	5.0	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	4-METHYL-2-PENTANONE	6.9	J	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	300.0M	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ACETATE	682		MG/L	50.0	25.0	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ACETONE	450		UG/L	250	120	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BROMIDE	32.8		MG/L	2.50	1.25	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I019	300.0M	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	BUTYRATE	11.8		MG/L	1.00	0.500	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CARBON DISULFIDE	0.73	J	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	300.0	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLORIDE-CL	11900		MG/L	200	100	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CHLOROMETHANE	0.27	J	UG/L	2.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CIS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	Dhc	1.00E+07		c/L	4.00E+03	1.0	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I019	RSK175	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I019	RSK175	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ETHENE	0.64	J	UG/L	2.0	0.60	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I019	RSK175	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	METHANE	20000		UG/L	2000	600	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	NITRATE-N	1.00	U	MG/L	1.00	0.250	AQ
10I019	300.0	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	NITRITE-N	4.00	U	MG/L	4.00	1.00	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	PROPIONATE	75.3		MG/L	5.00	2.50	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	SULFATE	3.51		MG/L	2.50	1.25	AQ
10I019	2540C	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TDS	19800		MG/L	20.0	5.00	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	5310B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TOC	468		MG/L	20.0	10.0	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	2320B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TOTAL ALKALINITY	1180		MG/L	5.00	1.00	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TRANS-1,2-DICHLOROETHENE	0.51	J	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TRICHLOROETHENE	0.91	J	UG/L	5.0	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	vcrA	5.00E+05		c/L	4.00E+03	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	VINYL CHLORIDE	12		UG/L	0.50	0.20	AQ
10I019	8260B	IW-70-FSB216-A10	IW-70-FSB216	FSB2	09/01/2010 11:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ACETATE	7.07		MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ACETONE	9.8	J	UG/L	10	5.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CARBON DISULFIDE	2.1		UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CIS-1,2-DICHLOROETHENE	78		UG/L	25	5.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	Dhc	8.00E+05		c/L	4.00E+03	1.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10E354	RSK175	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	FREON113	1.1		UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	METHANE	27000		UG/L	2000	600	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TETRACHLOROETHYLENE	0.35	J	UG/L	1.0	0.20	AQ
10E354	5310B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TOC	2.93		MG/L	1.00	0.500	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TRANS-1,2-DICHLOROETHENE	1.7		UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TRICHLOROETHENE	82	J	UG/L	120	5.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	vcrA	4.00E+05		c/L	4.00E+03	1.0	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	VINYL CHLORIDE	10		UG/L	0.50	0.20	AQ
10E354	8260B	IW-70-FSB229-P11	IW-70-FSB229	FSB2	05/27/2010 13:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I018	300.0M	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ACETONE	10	U	UG/L	10	5.0	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I018	300.0M	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CARBON DISULFIDE	0.46	J	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CIS-1,2-DICHLOROETHENE	1.8		UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	Dhc	8.00E+04		c/L	4.00E+03	1.0	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I018	RSK175	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I018	RSK175	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ETHENE	1.8	J	UG/L	2.0	0.60	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	300.0M	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I018	RSK175	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	METHANE	22000		UG/L	2000	600	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	300.0M	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	5310B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TOC	4.61		MG/L	1.00	0.500	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TOLUENE	0.23	J	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TRICHLOROETHENE	0.28	J	UG/L	5.0	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	vcrA	7.00E+04		c/L	4.00E+03	1.0	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	VINYL CHLORIDE	2.5		UG/L	0.50	0.20	AQ
10I018	8260B	IW-70-FSB229-P13	IW-70-FSB229	FSB2	09/01/2010 10:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CIS-1,2-DICHLOROETHENE	1.0	J	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	RSK175	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	METHANE	14		UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TRICHLOROETHENE	1.0	J	UG/L	5.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-MNA09-08A	MW-70-MNA09	FSB2	08/27/2008 12:16	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CIS-1,2-DICHLOROETHENE	5.7		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	RSK175	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I193	RSK175	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	RSK175	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	METHANE	6200		UG/L	1000	300	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TRANS-1,2-DICHLOROETHENE	0.50	J	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TRICHLOROETHENE	3.3	J	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-MNA09-A10	MW-70-MNA09	FSB2	09/13/2010 11:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1-DICHLOROETHANE	0.82	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1-DICHLOROETHENE	0.97		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	BROMOMETHANE	0.27	J	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CARBON DISULFIDE	1.1		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CIS-1,2-DICHLOROETHENE	100		UG/L	25	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	ETHENE	0.84	J	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	RSK175	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	METHANE	49		UG/L	4.0	1.2	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TRANS-1,2-DICHLOROETHENE	9.9		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TRICHLOROETHENE	510		UG/L	120	5.0	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	VINYL CHLORIDE	2.4		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA10-08A	MW-70-MNA10	FSB2	08/29/2008 11:04	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1-DICHLOROETHANE	0.90	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1-DICHLOROETHENE	0.65		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CIS-1,2-DICHLOROETHENE	160		UG/L	10	2.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	Dhc	3.00E+03	J	c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	RSK175	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I343	RSK175	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	ETHENE	46		UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	RSK175	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	METHANE	16000		UG/L	1000	300	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TRANS-1,2-DICHLOROETHENE	5.7		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TRICHLOROETHENE	8.8		UG/L	5.0	0.20	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	vcrA	3.00E+03		c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	VINYL CHLORIDE	110		UG/L	5.0	2.0	AQ
10I343	8260B	MW-70-MNA10-A10	MW-70-MNA10	FSB2	09/22/2010 9:42	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1-DICHLOROETHANE	0.64	J	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1-DICHLOROETHENE	2.5		UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CIS-1,2-DICHLOROETHENE	140		UG/L	25	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	RSK175	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I028	RSK175	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	RSK175	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	METHANE	10		UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TRANS-1,2-DICHLOROETHENE	47		UG/L	25	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TRICHLOROETHENE	970		UG/L	120	5.0	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	VINYL CHLORIDE	2.0		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-MNA12-08A	MW-70-MNA12	FSB2	09/04/2008 11:54	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1-DICHLOROETHANE	0.49	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1-DICHLOROETHENE	2.8		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CIS-1,2-DICHLOROETHENE	720		UG/L	25	5.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	RSK175	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I343	RSK175	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	ETHENE	1.1	J	UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	RSK175	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	METHANE	340		UG/L	40	12	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	MTBE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TRANS-1,2-DICHLOROETHENE	20		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TRICHLOROETHENE	14		UG/L	5.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	VINYL CHLORIDE	1.6		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA12-A10	MW-70-MNA12	FSB2	09/22/2010 10:56	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	6010B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	6010B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMIDE	18.9		MG/L	2.50	1.25	AQ
08H312	300.0	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMIDE	19.4		MG/L	2.50	1.25	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLORIDE-CL	7150		MG/L	80.0	40.0	AQ
08H312	300.0	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLORIDE-CL	7060		MG/L	80.0	40.0	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	4500F	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	HYDROGEN SULFIDE	3.66		MG/L	1.00	0.400	AQ
08H312	4500F	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	HYDROGEN SULFIDE	3.57		MG/L	1.00	0.400	AQ
08H312	6010B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	IRON	3.86		MG/L	0.200	0.0400	AQ
08H312	6010B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	IRON	3.72		MG/L	0.200	0.0400	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	6010B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	MANGANESE	3.08		MG/L	0.200	0.00300	AQ
08H312	6010B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	MANGANESE	3.02		MG/L	0.200	0.00300	AQ
08H312	RSK175	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	METHANE	5.9		UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	METHANE	5.4		UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H312	300.0	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	SULFATE	1300		MG/L	200	100	AQ
08H312	300.0	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	SULFATE	1290		MG/L	200	100	AQ
08H312	2540C	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TDS	14500		MG/L	20.0	5.00	AQ
08H312	2540C	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TDS	14400		MG/L	20.0	5.00	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOC	1.73		MG/L	1.00	0.500	AQ
08H312	5310B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOC	1.92		MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOTAL ALKALINITY	315		MG/L	5.00	1.00	AQ
08H312	2320B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TOTAL ALKALINITY	320		MG/L	5.00	1.00	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07A-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-4-08A	MW-70-PMW07A	FSB2	08/28/2008 8:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ACETATE	18.8		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ACETONE	11		UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CARBON DISULFIDE	2.3		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CIS-1,2-DICHLOROETHENE	4.5		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	Dhc	7.00E+04		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10E354	RSK175	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	METHANE	2600		UG/L	200	60	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	PROPIONATE	1.09		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	5310B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TOC	7.32		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TOLUENE	0.29	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TRICHLOROETHENE	5.0		UG/L	5.0	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	vcrA	3.00E+04		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	VINYL CHLORIDE	3.2		UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07A-P11	MW-70-PMW07A	FSB2	05/27/2010 8:37	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ACETATE	9.69		MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ACETONE	12		UG/L	10	5.0	AQ
10H661	6010B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ARSENIC	1.00	U	MG/L	1.00	0.0250	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BROMIDE	31.2		MG/L	2.50	1.25	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CARBON DISULFIDE	1.6		UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	300.0	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLORIDE-CL	14100		MG/L	200	100	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CIS-1,2-DICHLOROETHENE	2.6		UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	Dhc	7.00E+04		c/L	4.00E+03	1.0	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	4500F	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10H661	6010B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	IRON	1.00	U	MG/L	1.00	0.200	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	6010B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	MANGANESE	3.43		MG/L	1.00	0.0150	AQ
10H661	RSK175	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	METHANE	4800		UG/L	800	240	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	NITRATE-N	0.206	J	MG/L	0.400	0.100	AQ
10H661	300.0	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	SULFATE	1370		MG/L	50.0	25.0	AQ
10H661	2540C	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TDS	26000		MG/L	20.0	5.00	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TOC	9.31		MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TOLUENE	0.22	J	UG/L	1.0	0.20	AQ
10H661	2320B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TOTAL ALKALINITY	778	J	MG/L	5.00	1.00	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TRICHLOROETHENE	4.9	J	UG/L	5.0	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	vcrA	6.00E+04		c/L	4.00E+03	1.0	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	MW-70-PMW07A-A10	MW-70-PMW07A	FSB2	08/31/2010 12:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1-DICHLOROETHANE	0.76	J	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1-DICHLOROETHENE	1.2		UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	6010B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BROMIDE	5.18		MG/L	0.500	0.250	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLORIDE-CL	2320		MG/L	160	80.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CIS-1,2-DICHLOROETHENE	97		UG/L	50	10	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	4500F	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H312	6010B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	IRON	0.742		MG/L	0.200	0.0400	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	6010B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	MANGANESE	0.870		MG/L	0.200	0.00300	AQ
08H312	RSK175	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	METHANE	35		UG/L	4.0	1.2	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	SULFATE	666		MG/L	400	200	AQ
08H312	2540C	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TDS	5310		MG/L	20.0	5.00	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TOC	1.35		MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TOTAL ALKALINITY	245		MG/L	5.00	1.00	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TRANS-1,2-DICHLOROETHENE	3.1		UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TRICHLOROETHENE	600		UG/L	250	10	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	VINYL CHLORIDE	2.0		UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-PMW07B-08A	MW-70-PMW07B	FSB2	08/28/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1-DICHLOROETHANE	0.55	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1-DICHLOROETHENE	2.5		UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ACETATE	9.71		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ACETONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CARBON DISULFIDE	0.44	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CIS-1,2-DICHLOROETHENE	550		UG/L	50	10	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	Dhc	5.00E+03		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10E354	RSK175	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	METHANE	860		UG/L	200	60	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	5310B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TOC	1.52		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TRANS-1,2-DICHLOROETHENE	5.4		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TRICHLOROETHENE	6.4		UG/L	5.0	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	vcrA	4.00E+03		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW07B-P11	MW-70-PMW07B	FSB2	05/27/2010 9:32	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1-DICHLOROETHANE	0.64	J	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1-DICHLOROETHENE	3.3		UG/L	0.50	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ACETATE	1.14		MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ACETONE	9.0	J	UG/L	10	5.0	AQ
10H661	6010B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BROMIDE	2.44		MG/L	0.500	0.250	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CARBON DISULFIDE	1.5		UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	300.0	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLORIDE-CL	1420		MG/L	20.0	10.0	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CIS-1,2-DICHLOROETHENE	880		UG/L	100	20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	Dhc	1.00E+03	J	c/L	4.00E+03	1.0	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	4500F	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	HYDROGEN SULFIDE	1.33		MG/L	1.00	0.400	AQ
10H661	6010B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	IRON	0.302		MG/L	0.200	0.0400	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	6010B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	MANGANESE	0.574		MG/L	0.200	0.00300	AQ
10H661	RSK175	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	METHANE	680		UG/L	200	60	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10H661	300.0	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	SULFATE	591		MG/L	50.0	25.0	AQ
10H661	2540C	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TDS	3280		MG/L	20.0	5.00	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TOC	1.70		MG/L	1.00	0.500	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	2320B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TOTAL ALKALINITY	244	J	MG/L	5.00	1.00	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TRANS-1,2-DICHLOROETHENE	8.8		UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TRICHLOROETHENE	8.4		UG/L	5.0	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
10H661	8260B	MW-70-PMW07B-A10	MW-70-PMW07B	FSB2	08/31/2010 13:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	300.0M	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	6010B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BROMIDE	23.6		MG/L	2.50	1.25	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	300.0M	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	300.0	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLORIDE-CL	8260		MG/L	160	80.0	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CIS-1,2-DICHLOROETHENE	3.6		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	4500F	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H330	6010B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	IRON	2.26		MG/L	0.200	0.0400	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	6010B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	MANGANESE	3.02		MG/L	0.200	0.00300	AQ
08H330	RSK175	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	METHANE	9.3		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	NITRATE-N	1.00	U	MG/L	1.00	0.250	AQ
08H330	300.0	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	SULFATE	1430		MG/L	50.0	25.0	AQ
08H330	2540C	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TDS	16400	J	MG/L	20.0	5.00	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	5310B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TOC	1.88		MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	2320B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TOTAL ALKALINITY	275		MG/L	5.00	1.00	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TRANS-1,2-DICHLOROETHENE	0.34	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TRICHLOROETHENE	20		UG/L	5.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08A-08A	MW-70-PMW08A	FSB2	08/29/2008 9:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1-DICHLOROETHANE	0.28	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1-DICHLOROETHENE	0.61		UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ACETATE	8.23		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ACETONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CARBON DISULFIDE	0.59	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CIS-1,2-DICHLOROETHENE	140		UG/L	25	5.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	Dhc	6.00E+05		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10E354	RSK175	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	METHANE	810		UG/L	200	60	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	5310B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TOC	2.54		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TRANS-1,2-DICHLOROETHENE	1.7		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TRICHLOROETHENE	0.69	J	UG/L	5.0	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	vcrA	4.00E+04		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	VINYL CHLORIDE	11		UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08A-P11	MW-70-PMW08A	FSB2	05/27/2010 11:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1-DICHLOROETHANE	0.29	J	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1-DICHLOROETHENE	0.63		UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I019	300.0M	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ACETONE	10	U	UG/L	10	5.0	AQ
10I019	6010B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ARSENIC	1.00	U	MG/L	1.00	0.0250	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BROMIDE	25.7		MG/L	5.00	2.50	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I019	300.0M	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	300.0	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLORIDE-CL	9000		MG/L	100	50.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CIS-1,2-DICHLOROETHENE	170		UG/L	10	2.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	Dhc	3.00E+05		c/L	4.00E+03	1.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I019	RSK175	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I019	RSK175	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ETHENE	0.95	J	UG/L	2.0	0.60	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	4500F	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I019	6010B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	IRON	2.65		MG/L	1.00	0.200	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I019	6010B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	MANGANESE	3.30		MG/L	1.00	0.0150	AQ
10I019	RSK175	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	METHANE	860		UG/L	200	60	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	NITRATE-N	0.0810	J	MG/L	0.200	0.0500	AQ
10I019	300.0	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	NITRITE-N	2.00	U	MG/L	2.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	300.0	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	SULFATE	1520		MG/L	250	125	AQ
10I019	2540C	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TDS	15600		MG/L	20.0	5.00	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	5310B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TOC	1.85		MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	2320B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TOTAL ALKALINITY	264		MG/L	5.00	1.00	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TRANS-1,2-DICHLOROETHENE	2.0		UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TRICHLOROETHENE	0.73	J	UG/L	5.0	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	vcrA	9.00E+04		c/L	4.00E+03	1.0	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	VINYL CHLORIDE	20		UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08A-A10	MW-70-PMW08A	FSB2	09/01/2010 11:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1-DICHLOROETHENE	0.48	J	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	300.0M	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	6010B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BROMIDE	8.39		MG/L	0.500	0.250	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	300.0M	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CARBON DISULFIDE	0.26	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	300.0	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLORIDE-CL	2610		MG/L	32.0	16.0	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CIS-1,2-DICHLOROETHENE	40		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	4500F	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H330	6010B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	IRON	1.33		MG/L	0.200	0.0400	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	6010B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	MANGANESE	0.994		MG/L	0.200	0.00300	AQ
08H330	RSK175	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	METHANE	13		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H330	300.0	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	SULFATE	805		MG/L	80.0	40.0	AQ
08H330	2540C	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TDS	5620	J	MG/L	20.0	5.00	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	5310B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TOC	1.53		MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	2320B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TOTAL ALKALINITY	280		MG/L	5.00	1.00	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TRANS-1,2-DICHLOROETHENE	2.7		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TRICHLOROETHENE	220		UG/L	50	2.0	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	VINYL CHLORIDE	0.94		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW08B-08A	MW-70-PMW08B	FSB2	08/29/2008 10:06	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	300.0M	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ACETATE	9.15		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ACETONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	300.0M	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CARBON DISULFIDE	4.2		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CIS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1912	PCR	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10E354	RSK175	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10E354	RSK175	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ETHENE	41		UG/L	2.0	0.60	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	RSK175	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	METHANE	6500		UG/L	800	240	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	300.0M	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	5310B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TOC	3.14		MG/L	1.00	0.500	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TRANS-1,2-DICHLOROETHENE	8.4		UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TRICHLOROETHENE	2.0	J	UG/L	5.0	0.20	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1912	PCR	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	VINYL CHLORIDE	350		UG/L	25	10	AQ
10E354	8260B	MW-70-PMW08B-P11	MW-70-PMW08B	FSB2	05/27/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1-DICHLOROETHANE	0.53	J	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I019	300.0M	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ACETONE	10	U	UG/L	10	5.0	AQ
10I019	6010B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BROMIDE	6.48		MG/L	2.50	1.25	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I019	300.0M	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CARBON DISULFIDE	0.80	J	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLORIDE-CL	2400		MG/L	40.0	20.0	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CIS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	Dhc	6.00E+06		c/L	4.00E+03	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I019	RSK175	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I019	RSK175	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ETHENE	29		UG/L	2.0	0.60	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	4500F	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I019	6010B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	IRON	4.40		MG/L	0.200	0.0400	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I019	6010B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	MANGANESE	1.14		MG/L	0.200	0.00300	AQ
10I019	RSK175	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	METHANE	5800		UG/L	800	240	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I019	300.0	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	SULFATE	342		MG/L	20.0	10.0	AQ
10I019	2540C	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TDS	4710		MG/L	20.0	5.00	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	5310B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TOC	2.94		MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	2320B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TOTAL ALKALINITY	473		MG/L	5.00	1.00	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TRANS-1,2-DICHLOROETHENE	6.8		UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TRICHLOROETHENE	2.3	J	UG/L	5.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	vcrA	5.00E+05		c/L	4.00E+03	1.0	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	VINYL CHLORIDE	330		UG/L	25	10	AQ
10I019	8260B	MW-70-PMW08B-A10	MW-70-PMW08B	FSB2	09/01/2010 12:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1-DICHLOROETHANE	0.50	J	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I019	300.0M	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ACETONE	10	U	UG/L	10	5.0	AQ
10I019	6010B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BROMIDE	6.41		MG/L	2.50	1.25	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I019	300.0M	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CARBON DISULFIDE	0.77	J	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLORIDE-CL	2400		MG/L	40.0	20.0	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CIS-1,2-DICHLOROETHENE	13		UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	Dhc	7.00E+06		c/L	4.00E+03	1.0	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I019	RSK175	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I019	RSK175	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ETHENE	28		UG/L	2.0	0.60	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	4500F	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I019	6010B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	IRON	4.54		MG/L	0.200	0.0400	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0M	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I019	6010B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	MANGANESE	1.16		MG/L	0.200	0.00300	AQ
10I019	RSK175	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	METHANE	7000		UG/L	800	240	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I019	300.0	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	300.0M	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	300.0	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	SULFATE	352		MG/L	20.0	10.0	AQ
10I019	2540C	MW-70-PMW08B-A10-DDUP	MW-70-PMW08B	FSB2	09/01/2010 12:50	TDS	4820		MG/L	20.0	5.00	AQ
10I019	2540C	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TDS	4600		MG/L	20.0	5.00	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	5310B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TOC	3.11		MG/L	1.00	0.500	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	2320B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TOTAL ALKALINITY	474		MG/L	5.00	1.00	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TRANS-1,2-DICHLOROETHENE	6.5		UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TRICHLOROETHENE	2.3	J	UG/L	5.0	0.20	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	vcrA	3.00E+05		c/L	4.00E+03	1.0	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	VINYL CHLORIDE	330		UG/L	25	10	AQ
10I019	8260B	MW-70-PMW08B-A10-D	MW-70-PMW08B	FSB2	09/01/2010 12:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	300.0M	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	6010B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BROMIDE	0.530		MG/L	0.500	0.250	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	300.0M	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	300.0	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLORIDE-CL	174		MG/L	2.00	1.00	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	RSK175	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I028	RSK175	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	4500F	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I028	6010B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	IRON	0.282		MG/L	0.200	0.0400	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0M	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	6010B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	MANGANESE	0.0577	J	MG/L	0.200	0.00300	AQ
08I028	RSK175	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	METHANE	2.7		UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	300.0	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0M	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	SULFATE	64.0		MG/L	5.00	2.50	AQ
08I028	2540C	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TDS	605		MG/L	20.0	5.00	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	5310B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TOC	0.630	J	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	2320B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TOTAL ALKALINITY	203		MG/L	5.00	1.00	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC02-08A	MW-70-POC02	PoCDS	09/04/2008 9:41	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	ACETONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CARBON DISULFIDE	0.27	J	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	VINYL CHLORIDE	0.31	J	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC02-09A	MW-70-POC02	PoCDS	09/15/2009 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L338	8270C-SIM	MW-70-P0C02-09X	MW-70-POC02	PoCDS	12/21/2009 12:05	1,4-DIOXANE	1.0	U	UG/L	1.0	0.62	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	VINYL CHLORIDE	0.20	J	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10	MW-70-POC02	PoCDS	09/27/2010 10:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CARBON DISULFIDE	0.31	J	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC02-A10-D	MW-70-POC02	PoCDS	09/27/2010 10:44	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	300.0M	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	6010B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BROMIDE	6.73		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	300.0M	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CARBON DISULFIDE	0.38	J	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	300.0	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLORIDE-CL	2190		MG/L	32.0	16.0	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	4500F	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I013	6010B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	IRON	0.555		MG/L	0.200	0.0400	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	6010B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	MANGANESE	0.668		MG/L	0.200	0.00300	AQ
08I013	RSK175	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	METHANE	5.5		UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I013	300.0	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	SULFATE	397		MG/L	80.0	40.0	AQ
08I013	2540C	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TDS	4500		MG/L	20.0	5.00	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	5310B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TOC	1.09		MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	2320B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TOTAL ALKALINITY	138		MG/L	5.00	1.00	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-POC03-08A	MW-70-POC03	PoCDS	09/02/2008 11:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	ACETONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC03-09A	MW-70-POC03	PoCDS	09/15/2009 9:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-POC03-A10	MW-70-POC03	PoCDS	09/27/2010 9:52	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08J164	300.0M	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ACETATE	9.34		MG/L	1.00	0.500	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ACETONE	10	UJ	UG/L	10	5.0	AQ
08J164	6010B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	300.0	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BROMIDE	38.4		MG/L	2.50	1.25	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	300.0M	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08J164	300.0	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLORIDE-CL	11900		MG/L	160	80.0	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08J164	RSK175	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08J164	RSK175	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	4500F	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08J164	4500F	MW-70-POC04-08ADUP	MW-70-POC04	PoCDS	10/14/2008 10:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08J164	6010B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	IRON	4.11		MG/L	0.200	0.0400	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	300.0M	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08J164	6010B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	MANGANESE	2.10		MG/L	0.200	0.00300	AQ
08J164	RSK175	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	METHANE	5.2		UG/L	2.0	0.60	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	300.0	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	NITRATE-N	0.0915	J	MG/L	0.200	0.0500	AQ
08J164	300.0	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	300.0M	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	300.0	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	SULFATE	1650		MG/L	100	50.0	AQ
08J164	2540C	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TDS	20600		MG/L	20.0	5.00	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	5310B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TOC	2.75		MG/L	1.00	0.500	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TOLUENE	0.45	J	UG/L	1.0	0.20	AQ
08J164	2320B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TOTAL ALKALINITY	198		MG/L	5.00	1.00	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	MW-70-POC04-08A	MW-70-POC04	PoCDS	10/14/2008 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	ACETONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TOLUENE	1.5		UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-POC04-09A	MW-70-POC04	PoCDS	09/01/2009 8:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L347	8270C-SIM	MW-70-POC04-09X	MW-70-POC04	PoCDS	12/21/2009 15:05	1,4-DIOXANE	1.1	U	UG/L	1.1	0.67	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2-DICHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	ACETONE	7.1	J	UG/L	10	5.0	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TOLUENE	4.0		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-POC04-A10	MW-70-POC04	PoCDS	09/24/2010 8:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BROMIDE	0.652		MG/L	0.500	0.250	AQ
08I017	300.0	MW-70-11-08ADUP	MW-70-11	PoCFS	09/03/2008 13:32	BROMIDE	0.645		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	300.0	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLORIDE-CL	283		MG/L	8.00	4.00	AQ
08I017	300.0	MW-70-11-08ADUP	MW-70-11	PoCFS	09/03/2008 13:32	CHLORIDE-CL	282		MG/L	8.00	4.00	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CIS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	IRON	0.325		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	MANGANESE	0.257		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	METHANE	21		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-11-08ADUP	MW-70-11	PoCFS	09/03/2008 13:32	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-11-08ADUP	MW-70-11	PoCFS	09/03/2008 13:32	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	SULFATE	517		MG/L	20.0	10.0	AQ
08I017	300.0	MW-70-11-08ADUP	MW-70-11	PoCFS	09/03/2008 13:32	SULFATE	515		MG/L	20.0	10.0	AQ
08I017	2540C	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TDS	1880		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TOC	1.07		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TOTAL ALKALINITY	233		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-11-08A	MW-70-11	PoCFS	09/03/2008 13:32	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	ACETONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CIS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-11-09A	MW-70-11	PoCFS	08/26/2009 11:47	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CIS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-11-A10	MW-70-11	PoCFS	09/14/2010 12:36	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	300.0M	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	6010B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BROMIDE	2.59		MG/L	0.500	0.250	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	300.0M	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	300.0	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLORIDE-CL	1120		MG/L	8.00	4.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	4500F	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I013	6010B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	6010B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	MANGANESE	0.0151	J	MG/L	0.200	0.00300	AQ
08I013	RSK175	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	METHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	NITRATE-N	7.67		MG/L	0.200	0.0500	AQ
08I013	300.0	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	SULFATE	69.2		MG/L	20.0	10.0	AQ
08I013	2540C	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TDS	2830		MG/L	20.0	5.00	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	5310B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TOC	8.24		MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	2320B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TOTAL ALKALINITY	260		MG/L	5.00	1.00	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-16-08A	MW-70-16	PoCFS	09/02/2008 13:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	ACETONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-16-09A	MW-70-16	PoCFS	09/02/2009 13:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	ACETONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-16-A10	MW-70-16	PoCFS	09/17/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1-DICHLOROETHANE	0.34	J	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	6010B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BROMIDE	1.48		MG/L	0.500	0.250	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLORIDE-CL	2810		MG/L	20.0	10.0	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CIS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	4500F	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H295	6010B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	IRON	1.48		MG/L	0.200	0.0400	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	6010B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	MANGANESE	0.698		MG/L	0.200	0.00300	AQ
08H295	RSK175	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	METHANE	15		UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	SULFATE	605		MG/L	50.0	25.0	AQ
08H295	2540C	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TDS	5570		MG/L	20.0	5.00	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TOC	2.28		MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TOTAL ALKALINITY	275		MG/L	5.00	1.00	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TRICHLOROETHENE	0.45	J	UG/L	5.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-35-08A	MW-70-35	PoCFS	08/27/2008 13:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1-DICHLOROETHANE	0.34	J	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	ACETONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CIS-1,2-DICHLOROETHENE	1.3		UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-35-09A	MW-70-35	PoCFS	09/15/2009 14:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L338	8270C-SIM	MW-70-35-09X	MW-70-35	PoCFS	12/21/2009 10:00	1,4-DIOXANE	1.0	U	UG/L	1.0	0.63	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1-DICHLOROETHANE	0.52	J	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CIS-1,2-DICHLOROETHENE	1.6		UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-35-A10	MW-70-35	PoCFS	09/17/2010 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	300.0M	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	300.0M	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	6010B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMIDE	0.373	J	MG/L	0.500	0.250	AQ
08I028	300.0	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMIDE	0.375	J	MG/L	0.500	0.250	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	300.0M	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	300.0M	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	300.0	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLORIDE-CL	87.8		MG/L	2.00	1.00	AQ
08I028	300.0	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLORIDE-CL	87.6		MG/L	2.00	1.00	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	RSK175	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I028	RSK175	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	4500F	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I028	4500F	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I028	6010B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	IRON	0.138	J	MG/L	0.200	0.0400	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0M	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	300.0M	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	6010B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	MANGANESE	0.135	J	MG/L	0.200	0.00300	AQ
08I028	RSK175	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	METHANE	4.4		UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	300.0	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	300.0	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	300.0	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0M	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	300.0M	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	300.0	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	SULFATE	193		MG/L	5.00	2.50	AQ
08I028	300.0	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	SULFATE	193		MG/L	5.00	2.50	AQ
08I028	2540C	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TDS	710		MG/L	20.0	5.00	AQ
08I028	2540C	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	TDS	715		MG/L	20.0	5.00	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	5310B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TOC	0.549	J	MG/L	1.00	0.500	AQ
08I028	5310B	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	TOC	0.743	J	MG/L	1.00	0.500	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	2320B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TOTAL ALKALINITY	148		MG/L	5.00	1.00	AQ
08I028	2320B	MW-70-POC01-08ADUP	MW-70-POC01	PoCFS	09/04/2008 9:05	TOTAL ALKALINITY	150		MG/L	5.00	1.00	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-POC01-08A	MW-70-POC01	PoCFS	09/04/2008 9:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	ACETONE	11		UG/L	10	5.0	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CARBON DISULFIDE	0.23	J	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CHLOROMETHANE	0.51	J	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-POC01-09A	MW-70-POC01	PoCFS	09/15/2009 14:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L338	8270C-SIM	MW-70-P0C01-09X	MW-70-POC01	PoCFS	12/21/2009 9:00	1,4-DIOXANE	1.0	U	UG/L	1.0	0.62	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	ACETONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-POC01-A10	MW-70-POC01	PoCFS	09/17/2010 9:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	6010B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
08H312	300.0	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLORIDE-CL	518		MG/L	8.00	4.00	AQ
08H312	300.0	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	CHLORIDE-CL	519		MG/L	8.00	4.00	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	4500F	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H312	4500F	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H312	6010B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	IRON	0.323		MG/L	0.200	0.0400	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	6010B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	MANGANESE	0.242		MG/L	0.200	0.00300	AQ
08H312	RSK175	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	METHANE	8.3		UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	300.0M	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	SULFATE	533		MG/L	20.0	10.0	AQ
08H312	300.0	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	SULFATE	538		MG/L	20.0	10.0	AQ
08H312	2540C	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TDS	2200		MG/L	20.0	5.00	AQ
08H312	2540C	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	TDS	2290		MG/L	20.0	5.00	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TOC	0.585	J	MG/L	1.00	0.500	AQ
08H312	5310B	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	TOC	0.651	J	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	MW-70-23-08ADUP	MW-70-23	PoCSH	08/28/2008 12:30	TOTAL ALKALINITY	165		MG/L	5.00	1.00	AQ
08H312	2320B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TOTAL ALKALINITY	168		MG/L	5.00	1.00	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-23-08A	MW-70-23	PoCSH	08/28/2008 12:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	ACETONE	16		UG/L	10	5.0	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CHLOROMETHANE	0.25	J	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-23-09A	MW-70-23	PoCSH	09/15/2009 11:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L338	8270C-SIM	MW-70-23-09X	MW-70-23	PoCSH	12/21/2009 11:10	1,4-DIOXANE	1.1	U	UG/L	1.1	0.64	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	MW-70-23-A10	MW-70-23	PoCSH	09/17/2010 11:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ARSENIC	0.00624	J	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	300.0	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BROMIDE	27.9		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLORIDE-CL	8740		MG/L	100	50.0	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	IRON	1.42		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	MANGANESE	0.590		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	METHANE	4.8		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	SULFATE	1190		MG/L	250	125	AQ
08I017	2540C	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TDS	18300		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TOC	1.23		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TOTAL ALKALINITY	178		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-21-08A	MW-70-21	PoCSS	09/03/2008 12:27	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	ACETONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-21-09A	MW-70-21	PoCSS	09/17/2009 11:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L347	8270C-SIM	MW-70-21-09X	MW-70-21	PoCSS	12/21/2009 14:00	1,4-DIOXANE	1.1	U	UG/L	1.1	0.65	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-21-A10	MW-70-21	PoCSS	09/24/2010 7:47	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	300.0M	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	6010B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BROMIDE	14.4		MG/L	0.500	0.250	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	300.0M	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	300.0	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLORIDE-CL	5080		MG/L	80.0	40.0	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CIS-1,2-DICHLOROETHENE	0.21	J	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	4500F	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I013	6010B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	IRON	0.751		MG/L	0.200	0.0400	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	6010B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	MANGANESE	0.978		MG/L	0.200	0.00300	AQ
08I013	RSK175	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	METHANE	10		UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I013	300.0	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	SULFATE	771		MG/L	200	100	AQ
08I013	2540C	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TDS	9840		MG/L	20.0	5.00	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TETRACHLOROETHYLENE	2.4		UG/L	1.0	0.20	AQ
08I013	5310B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TOC	1.57		MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	2320B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TOTAL ALKALINITY	180		MG/L	5.00	1.00	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-36-08A	MW-70-36	PoCSS	09/02/2008 11:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	ACETONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CIS-1,2-DICHLOROETHENE	0.48	J	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TETRACHLOROETHYLENE	30		UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TRICHLOROETHENE	0.74	J	UG/L	5.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-36-09A	MW-70-36	PoCSS	08/31/2009 11:51	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TETRACHLOROETHYLENE	2.7		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10	MW-70-36	PoCSS	09/24/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TETRACHLOROETHYLENE	3.0		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-36-A10-D	MW-70-36	PoCSS	09/24/2010 12:14	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BROMIDE	1.79		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLORIDE-CL	293		MG/L	20.0	10.0	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	4500F	MW-70-02-08ADUP	MW-70-02	PoCUF	09/03/2008 14:15	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	MANGANESE	1.72		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	METHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	NITRATE-N	9.63		MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	SULFATE	1190		MG/L	50.0	25.0	AQ
08I017	2540C	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TDS	3210		MG/L	20.0	5.00	AQ
08I017	2540C	MW-70-02-08ADUP	MW-70-02	PoCUF	09/03/2008 14:15	TDS	3170		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TOC	4.12		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TOTAL ALKALINITY	560		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-02-08A	MW-70-02	PoCUF	09/03/2008 14:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	ACETONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	MTBE	2.4		UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-02-09A	MW-70-02	PoCUF	09/15/2009 13:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L338	8270C-SIM	MW-70-02-09X	MW-70-02	PoCUF	12/21/2009 8:00	1,4-DIOXANE	1.0	U	UG/L	1.0	0.62	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	MTBE	2.8		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-02-A10	MW-70-02	PoCUF	09/14/2010 9:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	[illegible] CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	6010B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BROMIDE	0.910		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CHLORIDE-CL	1070		MG/L	20.0	10.0	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	4500F	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H312	6010B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	6010B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	MANGANESE	0.757		MG/L	0.200	0.00300	AQ
08H312	RSK175	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	METHANE	1.7	J	UG/L	2.0	0.60	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	SULFATE	973		MG/L	50.0	25.0	AQ
08H312	2540C	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TDS	3870		MG/L	20.0	5.00	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TOC	1.90		MG/L	1.00	0.500	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TOTAL ALKALINITY	270		MG/L	5.00	1.00	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	MW-70-10-08A	MW-70-10	PoCUF	08/28/2008 10:18	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	6010B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BROMIDE	1.07		MG/L	0.500	0.250	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLORIDE-CL	1080		MG/L	20.0	10.0	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	4500F	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H312	6010B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	300.0M	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	6010B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	MANGANESE	0.771		MG/L	0.200	0.00300	AQ
08H312	RSK175	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	METHANE	2.0	J	UG/L	2.0	0.60	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	SULFATE	972		MG/L	50.0	25.0	AQ
08H312	2540C	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TDS	3860		MG/L	20.0	5.00	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TOC	1.85		MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TOTAL ALKALINITY	273		MG/L	5.00	1.00	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-7-08A	MW-70-10	PoCUF	08/28/2008 10:22	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	ACETONE	6.0	J	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	MW-70-10-09A	MW-70-10	PoCUF	09/15/2009 11:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L289	8270C-SIM	MW-70-10-09X	MW-70-10	PoCUF	12/16/2009 9:15	1,4-DIOXANE	0.99	U	UG/L	0.99	0.59	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-10-A10	MW-70-10	PoCUF	09/14/2010 11:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	6010B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BROMIDE	1.37		MG/L	0.500	0.250	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLORIDE-CL	2410		MG/L	20.0	10.0	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	4500F	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H295	6010B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	6010B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	MANGANESE	1.21		MG/L	0.200	0.00300	AQ
08H295	RSK175	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	METHANE	6.8		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	SULFATE	707		MG/L	50.0	25.0	AQ
08H295	2540C	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TDS	5430		MG/L	20.0	5.00	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TOC	2.61		MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TOTAL ALKALINITY	323		MG/L	5.00	1.00	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-17-08A	MW-70-17	PoCUF	08/27/2008 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	ACETONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-17-09A	MW-70-17	PoCUF	08/31/2009 10:03	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-17-A10	MW-70-17	PoCUF	09/14/2010 10:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BROMIDE	55.3		MG/L	2.50	1.25	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLORIDE-CL	19900		MG/L	320	160	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	IRON	0.200	U	MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	MANGANESE	3.29		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	METHANE	2.1		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	NITRATE-N	1.00	U	MG/L	1.00	0.250	AQ
08I017	300.0	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	NITRITE-N	2.00	U	MG/L	2.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	SULFATE	2610		MG/L	800	400	AQ
08I017	2540C	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TDS	37200		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TOC	1.45		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TOTAL ALKALINITY	170		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-22-08A	MW-70-22	PoCUF	09/03/2008 13:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	ACETONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-22-09A	MW-70-22	PoCUF	09/02/2009 11:04	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-22-A10	MW-70-22	PoCUF	09/14/2010 11:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BROMIDE	0.599		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CARBON DISULFIDE	0.21	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLORIDE-CL	127		MG/L	2.00	1.00	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CIS-1,2-DICHLOROETHENE	2.1		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	RSK175	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08K023	RSK175	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	IRON	0.177	J	MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	MANGANESE	0.137	J	MG/L	0.200	0.00300	AQ
08K023	RSK175	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	METHANE	12		UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	300.0	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	SULFATE	198		MG/L	5.00	2.50	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TOC	0.903	J	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TRICHLOROETHENE	27		UG/L	5.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB01-08A	IW-70-SAB01	SABFS	11/04/2008 12:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1-DICHLOROETHANE	0.22	J	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1-DICHLOROETHENE	1.1		UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	2-BUTANONE	7.6	J	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A015	300.0M	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ACETATE	229		MG/L	10.0	5.00	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ACETONE	5.1	J	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	300.0M	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	BUTYRATE	13.8		MG/L	1.00	0.500	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CARBON DISULFIDE	140		UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CIS-1,2-DICHLOROETHENE	250		UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A015	RSK175	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09A015	RSK175	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	300.0M	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A015	RSK175	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	METHANE	17000		UG/L	2000	600	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	300.0M	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	PROPIONATE	146		MG/L	5.00	2.50	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TRANS-1,2-DICHLOROETHENE	2.4		UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TRICHLOROETHENE	1.4	J	UG/L	5.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	VINYL CHLORIDE	3.7		UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB01-P1	IW-70-SAB01	SABFS	01/06/2009 11:02	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	2-BUTANONE	35		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A152	300.0M	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	ACETATE	204		MG/L	20.0	10.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	ACETONE	22		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	300.0M	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	BUTYRATE	15.4		MG/L	1.00	0.500	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CARBON DISULFIDE	1.2		UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CHLOROMETHANE	0.55	J	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CIS-1,2-DICHLOROETHENE	130		UG/L	10	2.0	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	PROPIONATE	548		MG/L	20.0	10.0	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TRANS-1,2-DICHLOROETHENE	0.64	J	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TRICHLOROETHENE	0.88	J	UG/L	5.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	VINYL CHLORIDE	21		UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB01-P2	IW-70-SAB01	SABFS	01/16/2009 14:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2,3-TRICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	2-BUTANONE	46	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	300.0M	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ACETATE	88.1		MG/L	5.00	2.50	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ACETONE	43	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	300.0M	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	BUTYRATE	15.3		MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CARBON DISULFIDE	0.69	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CIS-1,2-DICHLOROETHENE	16		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	Dhc	9.00E+07		c/L	4.00E+03	1.0	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	RSK175	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09B118	RSK175	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ETHENE	2.9		UG/L	2.0	0.60	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B118	RSK175	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	METHANE	23000		UG/L	2000	600	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	PROPIONATE	219		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TRANS-1,2-DICHLOROETHENE	0.44	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TRICHLOROETHENE	0.26	J	UG/L	5.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	VINYL CHLORIDE	7.5		UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB01-P3	IW-70-SAB01	SABFS	02/11/2009 12:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09D080	4500S2F	IW-70-SAB01-P5	IW-70-SAB01	SABFS	04/08/2009 9:15	SULFIDE	1.00	U	MG/L	1.00	0.500	AQ
09D080	4500S2F	IW-70-SAB01-P5DUP	IW-70-SAB01	SABFS	04/08/2009 9:15	SULFIDE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1-DICHLOROETHANE	0.22	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BROMIDE	0.617		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLORIDE-CL	142		MG/L	2.00	1.00	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CIS-1,2-DICHLOROETHENE	3.8		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	IRON	0.0874	J	MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	MANGANESE	0.152	J	MG/L	0.200	0.00300	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	SULFATE	212		MG/L	5.00	2.50	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TOC	1.61		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TRICHLOROETHENE	39		UG/L	5.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB02-08A	IW-70-SAB02	SABFS	11/04/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CHLOROPROPANE	50	U	UG/L	50	12	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	2-BUTANONE	250	U	UG/L	250	120	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	2-HEXANONE	250	U	UG/L	250	120	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
09A015	300.0M	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ACETATE	558		MG/L	25.0	12.5	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ACETONE	250	U	UG/L	250	120	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BROMOFORM	25	U	UG/L	25	7.5	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
09A015	300.0M	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	BUTYRATE	61.9		MG/L	5.00	2.50	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CARBON DISULFIDE	490		UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CHLOROFORM	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CIS-1,2-DICHLOROETHENE	320		UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ
09A015	RSK175	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ETHANE	1.6	J	UG/L	2.0	0.60	AQ
09A015	RSK175	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ETHENE	0.67	J	UG/L	2.0	0.60	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	FREON113	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
09A015	300.0M	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	M/P-XYLENES	25	U	UG/L	25	12	AQ
09A015	RSK175	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	METHANE	9800		UG/L	1000	300	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	MTBE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	O-XYLENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
09A015	300.0M	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	PROPIONATE	467		MG/L	25.0	12.5	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	STYRENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TOLUENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TRANS-1,2-DICHLOROETHENE	5.5	J	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TRICHLOROETHENE	130		UG/L	120	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	VINYL CHLORIDE	6.5	J	UG/L	12	5.0	AQ
09A015	8260B	IW-70-SAB02-P1	IW-70-SAB02	SABFS	01/06/2009 9:50	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1-DICHLOROETHENE	0.29	J	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	2-BUTANONE	99	J	UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B132	300.0M	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ACETATE	155		MG/L	10.0	5.00	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ACETONE	61	J	UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	300.0M	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	BUTYRATE	56.8		MG/L	2.00	1.00	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CARBON DISULFIDE	15		UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CHLOROMETHANE	0.33	J	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CIS-1,2-DICHLOROETHENE	170		UG/L	5.0	1.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	Dhc	3.00E+06		c/L	4.00E+03	1.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B132	RSK175	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ETHANE	0.64	J	UG/L	2.0	0.60	AQ
09B132	RSK175	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ETHENE	3.3		UG/L	2.0	0.60	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	300.0M	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B132	RSK175	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	METHANE	14000		UG/L	2000	600	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B132	300.0M	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	PROPIONATE	581		MG/L	20.0	10.0	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TRANS-1,2-DICHLOROETHENE	1.0		UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TRICHLOROETHENE	0.64	J	UG/L	5.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	VINYL CHLORIDE	20		UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB02-P3	IW-70-SAB02	SABFS	02/11/2009 13:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1-DICHLOROETHANE	0.22	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1-DICHLOROETHENE	0.25	J	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	1,4-DICHLOROBENZENE	0.37	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BROMIDE	0.618		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLORIDE-CL	135		MG/L	2.00	1.00	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CIS-1,2-DICHLOROETHENE	11		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	RSK175	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08K023	RSK175	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	IRON	0.0777	J	MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	MANGANESE	0.137	J	MG/L	0.200	0.00300	AQ
08K023	RSK175	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	METHANE	12		UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	SULFATE	219		MG/L	5.00	2.50	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TOC	1.10		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TRICHLOROETHENE	58		UG/L	25	1.0	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB03-08A	IW-70-SAB03	SABFS	11/04/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1-DICHLOROETHANE	0.27	J	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1-DICHLOROETHENE	2.0		UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	2-BUTANONE	8.5	J	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A015	300.0M	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ACETATE	341		MG/L	25.0	12.5	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ACETONE	8.1	J	UG/L	10	5.0	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	300.0M	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	BUTYRATE	26.6		MG/L	1.00	0.500	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CARBON DISULFIDE	34		UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CIS-1,2-DICHLOROETHENE	410		UG/L	250	50	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A015	RSK175	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09A015	RSK175	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	300.0M	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A015	RSK175	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	METHANE	14000		UG/L	1000	300	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	300.0M	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	PROPIONATE	172		MG/L	10.0	5.00	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TRANS-1,2-DICHLOROETHENE	3.6		UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TRICHLOROETHENE	1.4	J	UG/L	5.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	VINYL CHLORIDE	4.2		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A015	8260B	IW-70-SAB03-P1	IW-70-SAB03	SABFS	01/06/2009 8:56	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1-DICHLOROETHENE	0.26	J	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	2-BUTANONE	35		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A152	300.0M	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	ACETATE	342		MG/L	20.0	10.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	ACETONE	15		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	300.0M	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	BUTYRATE	17.2		MG/L	1.00	0.500	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CARBON DISULFIDE	1.3		UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CHLOROMETHANE	0.56	J	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CIS-1,2-DICHLOROETHENE	150		UG/L	10	2.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	PROPIONATE	505		MG/L	20.0	10.0	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TRANS-1,2-DICHLOROETHENE	0.84	J	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TRICHLOROETHENE	0.82	J	UG/L	5.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	VINYL CHLORIDE	27		UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB03-P2	IW-70-SAB03	SABFS	01/16/2009 11:34	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	2-BUTANONE	41		UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B132	300.0M	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ACETATE	125		MG/L	10.0	5.00	AQ
09B132	300.0M	IW-70-SAB03-P3DUP	IW-70-SAB03	SABFS	02/11/2009 14:40	ACETATE	123		MG/L	10.0	5.00	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ACETONE	33	J	UG/L	10	5.0	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	300.0M	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	BUTYRATE	15.1		MG/L	1.00	0.500	AQ
09B132	300.0M	IW-70-SAB03-P3DUP	IW-70-SAB03	SABFS	02/11/2009 14:40	BUTYRATE	14.9		MG/L	1.00	0.500	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CARBON DISULFIDE	1.3		UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CHLOROMETHANE	0.50	J	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CIS-1,2-DICHLOROETHENE	6.2		UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	Dhc	1.00E+09		c/L	4.00E+03	1.0	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B132	RSK175	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09B132	RSK175	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ETHENE	6.5		UG/L	2.0	0.60	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	300.0M	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B132	300.0M	IW-70-SAB03-P3DUP	IW-70-SAB03	SABFS	02/11/2009 14:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B132	RSK175	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	METHANE	14000		UG/L	2000	600	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	300.0M	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	PROPIONATE	350		MG/L	20.0	10.0	AQ
09B132	300.0M	IW-70-SAB03-P3DUP	IW-70-SAB03	SABFS	02/11/2009 14:40	PROPIONATE	348		MG/L	20.0	10.0	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TRANS-1,2-DICHLOROETHENE	0.75	J	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TRICHLOROETHENE	0.23	J	UG/L	5.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	VINYL CHLORIDE	9.1		UG/L	0.50	0.20	AQ
09B132	8260B	IW-70-SAB03-P3	IW-70-SAB03	SABFS	02/11/2009 14:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	2-HEXANONE	5.3	J	UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C253	300.0M	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ACETATE	1.93		MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ACETONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	300.0M	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CARBON DISULFIDE	1.4		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CIS-1,2-DICHLOROETHENE	1.7		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	Dhc	3.00E+07		c/L	4.00E+03	1.0	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	RSK175	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C253	RSK175	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ETHENE	4.5		UG/L	2.0	0.60	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C253	RSK175	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	METHANE	22000		UG/L	2000	600	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	5310B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TOC	23.6		MG/L	2.00	1.00	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TOLUENE	1.5		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TRANS-1,2-DICHLOROETHENE	0.52	J	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TRICHLOROETHENE	0.30	J	UG/L	5.0	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
S-1854	PCR	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	vcrA	2.00E+07		c/L	4.00E+03	1.0	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	VINYL CHLORIDE	5.0		UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB03-P10	IW-70-SAB03	SABFS	03/18/2010 10:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ACETATE	0.760	J	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ACETONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CARBON DISULFIDE	0.58	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CIS-1,2-DICHLOROETHENE	1.3		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ETHENE	4.5		UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	300.0M	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	METHANE	14000		UG/L	2000	600	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TOC	17.4		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TOLUENE	0.56	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TRANS-1,2-DICHLOROETHENE	0.26	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TRICHLOROETHENE	0.26	J	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	vcrA	3.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	VINYL CHLORIDE	2.5		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB03-P13	IW-70-SAB03	SABFS	08/30/2010 13:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1-DICHLOROETHANE	0.25	J	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1-DICHLOROETHENE	0.32	J	UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K032	300.0M	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	300.0M	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	ACETONE	10	U	UG/L	10	5.0	AQ
08K032	6010B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMIDE	0.675		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K032	300.0	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMIDE	0.669		MG/L	0.500	0.250	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	300.0M	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	300.0M	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K032	300.0	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLORIDE-CL	147		MG/L	2.00	1.00	AQ
08K032	300.0	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLORIDE-CL	147		MG/L	2.00	1.00	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CIS-1,2-DICHLOROETHENE	5.2		UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	6010B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	IRON	0.0700	J	MG/L	0.200	0.0400	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	300.0M	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K032	6010B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	MANGANESE	0.153	J	MG/L	0.200	0.00300	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	300.0	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	300.0	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	300.0	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	300.0M	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	SULFATE	240		MG/L	5.00	2.50	AQ
08K032	300.0	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	SULFATE	240		MG/L	5.00	2.50	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	5310B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TOC	0.983	J	MG/L	1.00	0.500	AQ
08K032	5310B	IW-70-SAB04-08ADUP	IW-70-SAB04	SABFS	11/05/2008 9:23	TOC	1.02		MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TRICHLOROETHENE	140		UG/L	50	2.0	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB04-08A	IW-70-SAB04	SABFS	11/05/2008 9:23	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CHLOROPROPANE	50	U	UG/L	50	12	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	2-BUTANONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	2-HEXANONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
09A010	300.0M	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ACETATE	603		MG/L	25.0	12.5	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ACETONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BROMOFORM	25	U	UG/L	25	7.5	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
09A010	300.0M	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	BUTYRATE	86.9		MG/L	5.00	2.50	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CARBON DISULFIDE	540		UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CHLOROFORM	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CIS-1,2-DICHLOROETHENE	410		UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ
09A010	RSK175	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09A010	RSK175	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ETHENE	0.79	J	UG/L	2.0	0.60	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	FREON113	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
09A010	300.0M	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	M/P-XYLENES	25	U	UG/L	25	12	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A010	RSK175	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	METHANE	14000		UG/L	1000	300	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	MTBE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	O-XYLENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	300.0M	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	PROPIONATE	590		MG/L	25.0	12.5	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	STYRENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TRANS-1,2-DICHLOROETHENE	5.3	J	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TRICHLOROETHENE	120	J	UG/L	120	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	VINYL CHLORIDE	9.0	J	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB04-P1	IW-70-SAB04	SABFS	01/05/2009 15:09	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	2-BUTANONE	100	J	UG/L	100	50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	300.0M	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ACETATE	187		MG/L	10.0	5.00	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ACETONE	170	J	UG/L	100	50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	300.0M	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	BUTYRATE	96.0		MG/L	5.00	2.50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CARBON DISULFIDE	0.70	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CIS-1,2-DICHLOROETHENE	390		UG/L	10	2.0	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	Dhc	7.00E+05		c/L	4.00E+03	1.0	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	RSK175	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09B118	RSK175	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B118	RSK175	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	METHANE	16000		UG/L	2000	600	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	PROPIONATE	685		MG/L	40.0	20.0	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TRANS-1,2-DICHLOROETHENE	1.5		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TRICHLOROETHENE	0.84	J	UG/L	5.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	VINYL CHLORIDE	8.7		UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB04-P3	IW-70-SAB04	SABFS	02/11/2009 11:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1-DICHLOROETHANE	0.39	J	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1-DICHLOROETHENE	0.91		UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K032	300.0M	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	ACETONE	10	U	UG/L	10	5.0	AQ
08K032	6010B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BROMIDE	0.683		MG/L	0.500	0.250	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	300.0M	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K032	300.0	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLORIDE-CL	168		MG/L	2.00	1.00	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CIS-1,2-DICHLOROETHENE	140		UG/L	10	2.0	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	6010B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	IRON	0.133	J	MG/L	0.200	0.0400	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K032	6010B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	MANGANESE	0.180	J	MG/L	0.200	0.00300	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	300.0	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	SULFATE	288		MG/L	5.00	2.50	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	5310B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TOC	0.819	J	MG/L	1.00	0.500	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TRANS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TRICHLOROETHENE	0.54	J	UG/L	5.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	VINYL CHLORIDE	0.28	J	UG/L	0.50	0.20	AQ
08K032	8260B	IW-70-SAB05-08A	IW-70-SAB05	SABFS	11/05/2008 10:37	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1-DICHLOROETHANE	0.37	J	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1-DICHLOROETHENE	0.82		UG/L	0.50	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K032	300.0M	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	ACETONE	10	U	UG/L	10	5.0	AQ
08K032	6010B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BROMIDE	0.679		MG/L	0.500	0.250	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	300.0M	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K032	300.0	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLORIDE-CL	168		MG/L	2.00	1.00	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CIS-1,2-DICHLOROETHENE	140		UG/L	10	2.0	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	6010B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	IRON	0.138	J	MG/L	0.200	0.0400	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K032	6010B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	MANGANESE	0.184	J	MG/L	0.200	0.00300	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	300.0	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0M	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	300.0	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	SULFATE	288		MG/L	5.00	2.50	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	5310B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TOC	0.962	J	MG/L	1.00	0.500	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TRANS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TRICHLOROETHENE	0.46	J	UG/L	5.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	VINYL CHLORIDE	0.27	J	UG/L	0.50	0.20	AQ
08K032	8260B	DUPE-1-SAB	IW-70-SAB05	SABFS	11/05/2008 10:56	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1-DICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1-DICHLOROETHENE	2.4		UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	2-BUTANONE	9.9	J	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A010	300.0M	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ACETATE	270		MG/L	10.0	5.00	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ACETONE	6.7	J	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	300.0M	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	BUTYRATE	25.0		MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CARBON DISULFIDE	30		UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CIS-1,2-DICHLOROETHENE	460		UG/L	100	20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A010	RSK175	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09A010	RSK175	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	300.0M	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A010	RSK175	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	METHANE	13000		UG/L	800	240	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	300.0M	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	PROPIONATE	119		MG/L	10.0	5.00	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TRANS-1,2-DICHLOROETHENE	4.4		UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TRICHLOROETHENE	2.8	J	UG/L	5.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	VINYL CHLORIDE	4.4		UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB05-P1	IW-70-SAB05	SABFS	01/05/2009 12:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	2-BUTANONE	53	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	300.0M	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ACETATE	141		MG/L	5.00	2.50	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ACETONE	47	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	300.0M	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	BUTYRATE	19.7		MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CARBON DISULFIDE	1.2		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CHLOROMETHANE	0.35	J	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CIS-1,2-DICHLOROETHENE	6.5		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	Dhc	9.00E+08		c/L	4.00E+03	1.0	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	RSK175	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09B118	RSK175	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ETHENE	6.6		UG/L	2.0	0.60	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B118	RSK175	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	METHANE	16000		UG/L	2000	600	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	PROPIONATE	433		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TRANS-1,2-DICHLOROETHENE	0.83	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TRICHLOROETHENE	0.21	J	UG/L	5.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	VINYL CHLORIDE	7.0		UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB05-P3	IW-70-SAB05	SABFS	02/11/2009 9:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09D080	4500S2F	IW-70-SAB05-P5	IW-70-SAB05	SABFS	04/08/2009 9:50	SULFIDE	1.60		MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1-DICHLOROETHENE	0.36	J	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	300.0M	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BROMIDE	0.457	J	MG/L	0.500	0.250	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	300.0M	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	300.0	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLORIDE-CL	178		MG/L	4.00	2.00	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLOROFORM	0.25	J	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CIS-1,2-DICHLOROETHENE	11		UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H260	RSK175	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H260	RSK175	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	RSK175	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	METHANE	11		UG/L	2.0	0.60	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	300.0	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0M	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	300.0	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	SULFATE	303		MG/L	10.0	5.00	AQ
08H260	2540C	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TDS	995		MG/L	20.0	5.00	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	5310B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TOC	0.828	J	MG/L	1.00	0.500	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	2320B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TOTAL ALKALINITY	203		MG/L	5.00	1.00	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TRANS-1,2-DICHLOROETHENE	0.26	J	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TRICHLOROETHENE	200		UG/L	50	2.0	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	VINYL CHLORIDE	0.39	J	UG/L	0.50	0.20	AQ
08H260	8260B	IW-70-SAB06-08A	IW-70-SAB06	SABFS	08/25/2008 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CHLOROPROPANE	50	U	UG/L	50	12	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	2-BUTANONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	2-HEXANONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
09A010	300.0M	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ACETATE	611		MG/L	25.0	12.5	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ACETONE	250	U	UG/L	250	120	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BROMOFORM	25	U	UG/L	25	7.5	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
09A010	300.0M	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	BUTYRATE	80.1		MG/L	5.00	2.50	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CARBON DISULFIDE	470		UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CHLOROFORM	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CIS-1,2-DICHLOROETHENE	390		UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ
09A010	RSK175	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ETHANE	0.85	J	UG/L	2.0	0.60	AQ
09A010	RSK175	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	FREON113	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
09A010	300.0M	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	M/P-XYLENES	25	U	UG/L	25	12	AQ
09A010	RSK175	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	METHANE	13000		UG/L	800	240	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	MTBE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	O-XYLENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
09A010	300.0M	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	PROPIONATE	407		MG/L	25.0	12.5	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	STYRENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TOLUENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TRANS-1,2-DICHLOROETHENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TRICHLOROETHENE	180		UG/L	120	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	VINYL CHLORIDE	9.3	J	UG/L	12	5.0	AQ
09A010	8260B	IW-70-SAB06-P1	IW-70-SAB06	SABFS	01/05/2009 11:25	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1-DICHLOROETHENE	0.31	J	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	2-BUTANONE	42		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A152	300.0M	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	ACETATE	536		MG/L	20.0	10.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	ACETONE	21		UG/L	10	5.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	300.0M	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	BUTYRATE	40.8		MG/L	5.00	2.50	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CARBON DISULFIDE	0.66	J	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CHLOROMETHANE	0.73	J	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CIS-1,2-DICHLOROETHENE	200		UG/L	10	2.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	METHYLENE CHLORIDE	0.81	J	UG/L	1.0	0.50	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	300.0M	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	PROPIONATE	782		MG/L	40.0	20.0	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TRICHLOROETHENE	13		UG/L	5.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	VINYL CHLORIDE	11		UG/L	0.50	0.20	AQ
09A152	8260B	IW-70-SAB06-P2	IW-70-SAB06	SABFS	01/16/2009 8:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1-DICHLOROETHANE	0.23	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2,4-TRIMETHYLBENZENE	0.52	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	2-BUTANONE	90	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	300.0M	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ACETATE	383		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ACETONE	120	J	UG/L	100	50	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	300.0M	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	BUTYRATE	112		MG/L	5.00	2.50	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CARBON DISULFIDE	1.3	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CIS-1,2-DICHLOROETHENE	420		UG/L	10	2.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
S-1533	PCR	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	RSK175	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ETHANE	0.77	J	UG/L	2.0	0.60	AQ
09B118	RSK175	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B118	RSK175	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	METHANE	12000		UG/L	1000	300	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	O-XYLENE	0.22	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	PROPIONATE	607		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TOLUENE	0.24	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TRANS-1,2-DICHLOROETHENE	1.6	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TRICHLOROETHENE	20	J	UG/L	5.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	VINYL CHLORIDE	8.9	J	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB06-P3	IW-70-SAB06	SABFS	02/10/2009 11:05	XYLENES (TOTAL)	0.22	J	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H310	300.0M	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ACETATE	5.70		MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ACETONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BROMIDE	0.525		MG/L	0.500	0.250	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	300.0M	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CARBON DISULFIDE	0.68	J	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	300.0	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLORIDE-CL	160		MG/L	2.00	1.00	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CIS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1688	PCR	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H310	RSK175	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09H310	RSK175	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ETHENE	3.1		UG/L	2.0	0.60	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0M	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H310	RSK175	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	METHANE	19000		UG/L	2000	600	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H310	300.0	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0M	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	SULFATE	1.32		MG/L	0.500	0.250	AQ
09H310	2540C	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TDS	1440		MG/L	20.0	5.00	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	5310B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TOC	38.0		MG/L	2.00	1.00	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TOLUENE	2.9		UG/L	1.0	0.20	AQ
09H310	2320B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TOTAL ALKALINITY	994		MG/L	5.00	1.00	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TRANS-1,2-DICHLOROETHENE	0.66	J	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TRICHLOROETHENE	0.48	J	UG/L	5.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1688	PCR	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	vcrA	2.00E+07		c/L	4.00E+03	1.0	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	VINYL CHLORIDE	15		UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-SAB06-09A	IW-70-SAB06	SABFS	08/26/2009 9:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H330	RSK-175	IW-70-SAB06-P8	IW-70-SAB06	SABFS	08/27/2009 10:50	ACETYLENE	4.0	U	UG/L	4.0	2.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	300.0M	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BROMIDE	2.30		MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	300.0M	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CARBON DISULFIDE	0.25	J	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	300.0	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLORIDE-CL	203		MG/L	4.00	2.00	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CIS-1,2-DICHLOROETHENE	0.49	J	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	RSK175	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I043	RSK175	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ETHENE	3.2		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	RSK175	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	METHANE	28000		UG/L	2000	600	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	NITRATE-N	0.0544	J	MG/L	0.200	0.0500	AQ
10I043	300.0	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	SULFATE	4.48		MG/L	0.500	0.250	AQ
10I043	2540C	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TDS	1280		MG/L	20.0	5.00	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	5310B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TOC	20.5		MG/L	1.00	0.500	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TOLUENE	1.9		UG/L	1.0	0.20	AQ
10I043	2320B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TOTAL ALKALINITY	906		MG/L	5.00	1.00	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TRANS-1,2-DICHLOROETHENE	0.73	J	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TRICHLOROETHENE	0.39	J	UG/L	5.0	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	VINYL CHLORIDE	6.1		UG/L	0.50	0.20	AQ
10I043	8260B	IW-70-SAB06-A10	IW-70-SAB06	SABFS	09/02/2010 9:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1-DICHLOROETHANE	0.45	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1-DICHLOROETHENE	0.58		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	300.0M	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	6010B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMIDE	0.797		MG/L	0.500	0.250	AQ
08K005	300.0	IW-70-SAB07-08ADUP	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMIDE	0.795		MG/L	0.500	0.250	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	300.0M	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	300.0	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLORIDE-CL	190		MG/L	4.00	2.00	AQ
08K005	300.0	IW-70-SAB07-08ADUP	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLORIDE-CL	191		MG/L	4.00	2.00	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CIS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	FREON113	0.35	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	6010B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	IRON	0.219		MG/L	0.200	0.0400	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	6010B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	MANGANESE	0.189	J	MG/L	0.200	0.00300	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB07-08ADUP	IW-70-SAB07	SABFS	11/03/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB07-08ADUP	IW-70-SAB07	SABFS	11/03/2008 9:05	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	SULFATE	322		MG/L	10.0	5.00	AQ
08K005	300.0	IW-70-SAB07-08ADUP	IW-70-SAB07	SABFS	11/03/2008 9:05	SULFATE	323		MG/L	10.0	5.00	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	5310B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TOC	1.06		MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TRANS-1,2-DICHLOROETHENE	0.42	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TRICHLOROETHENE	450		UG/L	120	5.0	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	VINYL CHLORIDE	0.41	J	UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB07-08A	IW-70-SAB07	SABFS	11/03/2008 9:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1-DICHLOROETHENE	2.9		UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	2-BUTANONE	6.5	J	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A010	300.0M	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ACETATE	339		MG/L	20.0	10.0	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ACETONE	8.6	J	UG/L	10	5.0	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	300.0M	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	BUTYRATE	3.27		MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CARBON DISULFIDE	29		UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CIS-1,2-DICHLOROETHENE	490		UG/L	100	20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A010	RSK175	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09A010	RSK175	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	300.0M	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A010	RSK175	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	METHANE	6700		UG/L	800	240	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	300.0M	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	PROPIONATE	16.3		MG/L	1.00	0.500	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TRANS-1,2-DICHLOROETHENE	5.1		UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TRICHLOROETHENE	140	J	UG/L	500	20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	VINYL CHLORIDE	7.2		UG/L	0.50	0.20	AQ
09A010	8260B	IW-70-SAB07-P1	IW-70-SAB07	SABFS	01/05/2009 10:52	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2,4-TRIMETHYLBENZENE	4.2		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,3,5-TRIMETHYLBENZENE	1.3		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	2-BUTANONE	22	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	300.0M	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ACETATE	446		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ACETONE	34	J	UG/L	10	5.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	300.0M	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	BUTYRATE	24.8		MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CARBON DISULFIDE	5.4		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CIS-1,2-DICHLOROETHENE	81		UG/L	10	2.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1533	PCR	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	Dhc	5.00E+07		c/L	4.00E+03	1.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	RSK175	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09B118	RSK175	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ETHYLBENZENE	0.21	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	ISOPROPYL BENZENE	0.22	J	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	M/P-XYLENES	0.76	J	UG/L	1.0	0.50	AQ
09B118	RSK175	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	METHANE	11000		UG/L	1000	300	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	MTBE	1.2		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	N-PROPYLBENZENE	0.21	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	O-XYLENE	1.1		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	300.0M	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	PROPIONATE	330		MG/L	20.0	10.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TOLUENE	0.69	J	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TRICHLOROETHENE	1.3	J	UG/L	5.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	VINYL CHLORIDE	110		UG/L	5.0	2.0	AQ
09B118	8260B	IW-70-SAB07-P3	IW-70-SAB07	SABFS	02/10/2009 12:45	XYLENES (TOTAL)	1.8	J	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1-DICHLOROETHENE	2.8		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	300.0M	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	6010B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BROMIDE	0.948		MG/L	0.500	0.250	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	300.0M	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CARBON DISULFIDE	0.63	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	300.0	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLORIDE-CL	269		MG/L	4.00	2.00	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CIS-1,2-DICHLOROETHENE	540		UG/L	25	5.0	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	FREON113	0.23	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	6010B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	IRON	1.33		MG/L	0.200	0.0400	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	6010B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	MANGANESE	0.228		MG/L	0.200	0.00300	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	NITRATE-N	0.0976	J	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	SULFATE	377		MG/L	10.0	5.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	5310B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TOC	0.914	J	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TRANS-1,2-DICHLOROETHENE	4.2		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TRICHLOROETHENE	580		UG/L	120	5.0	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	VINYL CHLORIDE	0.84		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB08-08A	IW-70-SAB08	SABFS	11/03/2008 9:36	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CHLOROPROPANE	50	U	UG/L	50	12	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	2-BUTANONE	250	U	UG/L	250	120	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	2-HEXANONE	250	U	UG/L	250	120	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
08L144	300.0M	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ACETATE	497		MG/L	20.0	10.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ACETONE	250	U	UG/L	250	120	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BROMOFORM	25	U	UG/L	25	7.5	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
08L144	300.0M	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CARBON DISULFIDE	260		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CHLOROFORM	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CIS-1,2-DICHLOROETHENE	440		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	RSK175	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ETHANE	2.1		UG/L	2.0	0.60	AQ
08L144	RSK175	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	FREON113	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
08L144	300.0M	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	LACTATE	9.04		MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	M/P-XYLENES	25	U	UG/L	25	12	AQ
08L144	RSK175	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	METHANE	37		UG/L	4.0	1.2	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	MTBE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	O-XYLENE	25	U	UG/L	25	5.0	AQ
08L144	4500HB	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	PH	6.37		PH UNIT		0.1	AQ
08L144	4500HB	IW-70-SAB08-P1DUP	IW-70-SAB08	SABFS	12/10/2008 8:20	PH	6.39		PH UNIT	0.1	0.1	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
08L144	300.0M	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	PROPIONATE	255		MG/L	20.0	10.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	STYRENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TOLUENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TRANS-1,2-DICHLOROETHENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TRICHLOROETHENE	400	J	UG/L	500	20	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	VINYL CHLORIDE	9.7	J	UG/L	12	5.0	AQ
08L144	8260B	IW-70-SAB08-P1	IW-70-SAB08	SABFS	12/10/2008 8:20	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
S-1533	PCR	IW-70-SAB08-P3	IW-70-SAB08	SABFS	02/10/2009 15:00	Dhc	8.00E+04		c/L	4.00E+03	1.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1-DICHLOROETHANE	0.30	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1-DICHLOROETHENE	1.4		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	2-BUTANONE	100		UG/L	100	50	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	2-HEXANONE	5.3	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ACETATE	1250		MG/L	50.0	25.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ACETONE	44	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	BUTYRATE	474		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CARBON DISULFIDE	0.74	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CHLOROMETHANE	0.40	J	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CIS-1,2-DICHLOROETHENE	490		UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	Dhc	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09C044	RSK175	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	LACTATE	25.0	U	MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	METHANE	17000		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	PROPIONATE	481		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TRANS-1,2-DICHLOROETHENE	2.1		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TRICHLOROETHENE	59		UG/L	50	2.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1553	PCR	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	VINYL CHLORIDE	24		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB08-P4	IW-70-SAB08	SABFS	03/02/2009 10:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROETHANE	0.67	J	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROETHANE	0.67	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROETHENE	2.3		UG/L	0.50	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROETHENE	2.3		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	300.0M	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	300.0M	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	6010B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K005	6010B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMIDE	0.856		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	300.0	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMIDE	0.855		MG/L	0.500	0.250	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	300.0M	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	300.0M	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CARBON DISULFIDE	0.27	J	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CARBON DISULFIDE	0.29	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	300.0	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLORIDE-CL	250		MG/L	4.00	2.00	AQ
08K005	300.0	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLORIDE-CL	250		MG/L	4.00	2.00	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CIS-1,2-DICHLOROETHENE	460		UG/L	25	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CIS-1,2-DICHLOROETHENE	480		UG/L	25	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	RSK175	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08K005	RSK175	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08K005	RSK175	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08K005	RSK175	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	FREON113	0.44	J	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	FREON113	0.42	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	6010B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	IRON	0.221		MG/L	0.200	0.0400	AQ
08K005	6010B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	IRON	0.235		MG/L	0.200	0.0400	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	300.0M	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	6010B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	MANGANESE	0.202		MG/L	0.200	0.00300	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	6010B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	MANGANESE	0.205		MG/L	0.200	0.00300	AQ
08K005	RSK175	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	METHANE	24		UG/L	2.0	0.60	AQ
08K005	RSK175	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	METHANE	24		UG/L	2.0	0.60	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	NITRATE-N	0.0996	J	MG/L	0.200	0.0500	AQ
08K005	300.0	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	NITRATE-N	0.0660	J	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	300.0	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	300.0M	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	SULFATE	365		MG/L	10.0	5.00	AQ
08K005	300.0	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	SULFATE	365		MG/L	10.0	5.00	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	5310B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TOC	0.884	J	MG/L	1.00	0.500	AQ
08K005	5310B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TOC	1.06		MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TRANS-1,2-DICHLOROETHENE	4.6		UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TRANS-1,2-DICHLOROETHENE	4.4		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TRICHLOROETHENE	250		UG/L	120	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TRICHLOROETHENE	280		UG/L	120	5.0	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	VINYL CHLORIDE	0.99		UG/L	0.50	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	VINYL CHLORIDE	0.89		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB09-08A	IW-70-SAB09	SABFS	11/03/2008 11:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	DUP-2-SAB	IW-70-SAB09	SABFS	11/03/2008 11:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1,1,2-TETRACHLOROETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1,1-TRICHLOROETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1,2,2-TETRACHLOROETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1,2-TRICHLOROETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1-DICHLOROETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1-DICHLOROETHENE	25	U	UG/L	25	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,1-DICHLOROPROPENE	50	U	UG/L	50	10	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2,3-TRICHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2,3-TRICHLOROPROPANE	50	U	UG/L	50	25	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2,4-TRICHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2,4-TRIMETHYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CHLOROPROPANE	100	U	UG/L	100	25	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2-DIBROMOETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2-DICHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2-DICHLOROETHANE	25	U	UG/L	25	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,2-DICHLOROPROPANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,3,5-TRIMETHYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,3-DICHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	1,4-DICHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	2,2-DICHLOROPROPANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	2-BUTANONE	500	U	UG/L	500	250	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	2-CHLOROTOLUENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	2-HEXANONE	500	U	UG/L	500	250	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	4-CHLOROTOLUENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	4-METHYL-2-PENTANONE	500	U	UG/L	500	250	AQ
08L144	300.0M	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ACETATE	564		MG/L	25.0	12.5	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ACETONE	500	U	UG/L	500	250	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BROMOBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BROMODICHLOROMETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BROMOFORM	50	U	UG/L	50	15	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BROMOMETHANE	100	U	UG/L	100	10	AQ
08L144	300.0M	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CARBON DISULFIDE	250		UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CARBON TETRACHLORIDE	25	U	UG/L	25	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CHLOROBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CHLOROETHANE	100	U	UG/L	100	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CHLOROFORM	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CHLOROMETHANE	100	U	UG/L	100	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CIS-1,2-DICHLOROETHENE	1400		UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	CIS-1,3-DICHLOROPROPENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	DIBROMOCHLOROMETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	DIBROMOMETHANE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	DICHLORODIFLUOROMETHANE	100	U	UG/L	100	15	AQ
08L144	RSK175	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ETHANE	2.0		UG/L	2.0	0.60	AQ
08L144	RSK175	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ETHENE	1.2	J	UG/L	2.0	0.60	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ETHYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	FREON113	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	HEXACHLOROBUTADIENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	ISOPROPYL BENZENE	50	U	UG/L	50	10	AQ
08L144	300.0M	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	M/P-XYLENES	50	U	UG/L	50	25	AQ
08L144	RSK175	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	METHANE	86		UG/L	10	3.0	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	METHYLENE CHLORIDE	50	U	UG/L	50	25	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	MTBE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	N-BUTYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	N-PROPYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	O-XYLENE	50	U	UG/L	50	10	AQ
08L144	4500HB	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	PH	6.14		PH UNIT		0.1	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	P-ISOPROPYLTOLUENE	50	U	UG/L	50	10	AQ
08L144	300.0M	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	PROPIONATE	124		MG/L	10.0	5.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	SEC-BUTYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	STYRENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TERT-BUTYLBENZENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TETRACHLOROETHYLENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TOLUENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TRANS-1,2-DICHLOROETHENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TRANS-1,3-DICHLOROPROPENE	50	U	UG/L	50	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TRICHLOROETHENE	1400		UG/L	250	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	TRICHLOROFLUOROMETHANE	100	U	UG/L	100	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	VINYL CHLORIDE	23	J	UG/L	25	10	AQ
08L144	8260B	IW-70-SAB09-P1	IW-70-SAB09	SABFS	12/10/2008 9:25	XYLENES (TOTAL)	100	U	UG/L	100	10	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1-DICHLOROETHENE	2.8		UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	2-BUTANONE	52		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L299	300.0M	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	ACETATE	474		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	ACETONE	26		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	300.0M	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	BUTYRATE	12.6		MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CARBON DISULFIDE	0.94	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CIS-1,2-DICHLOROETHENE	850		UG/L	50	10	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	METHYLENE CHLORIDE	0.88	J	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	PROPIONATE	262		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TOLUENE	0.29	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TRANS-1,2-DICHLOROETHENE	5.4		UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TRICHLOROETHENE	21		UG/L	5.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	VINYL CHLORIDE	64		UG/L	25	10	AQ
08L299	8260B	IW-70-SAB09-P2	IW-70-SAB09	SABFS	12/23/2008 8:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1,1,2-TETRACHLOROETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1,1-TRICHLOROETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1,2,2-TETRACHLOROETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1,2-TRICHLOROETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1-DICHLOROETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1-DICHLOROETHENE	5.0	UJ	UG/L	5.0	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,1-DICHLOROPROPENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2,3-TRICHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2,3-TRICHLOROPROPANE	10	UJ	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2,4-TRICHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2,4-TRIMETHYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CHLOROPROPANE	20	UJ	UG/L	20	5.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2-DIBROMOETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2-DICHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2-DICHLOROETHANE	5.0	UJ	UG/L	5.0	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,2-DICHLOROPROPANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,3,5-TRIMETHYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,3-DICHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	1,4-DICHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	2,2-DICHLOROPROPANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	2-BUTANONE	95	J	UG/L	100	50	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	2-CHLOROTOLUENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	2-HEXANONE	100	UJ	UG/L	100	50	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	4-CHLOROTOLUENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	4-METHYL-2-PENTANONE	100	UJ	UG/L	100	50	AQ
09C044	300.0M	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ACETATE	1310		MG/L	50.0	25.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ACETONE	320	J	UG/L	100	50	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BROMOBENZENE	10	UJ	UG/L	10	2.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BROMODICHLOROMETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BROMOFORM	10	UJ	UG/L	10	3.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BROMOMETHANE	20	UJ	UG/L	20	2.0	AQ
09C044	300.0M	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	BUTYRATE	380		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CARBON DISULFIDE	44	J	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CARBON TETRACHLORIDE	5.0	UJ	UG/L	5.0	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CHLOROBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CHLOROETHANE	20	UJ	UG/L	20	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CHLOROFORM	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CHLOROMETHANE	20	UJ	UG/L	20	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CIS-1,2-DICHLOROETHENE	320	J	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	CIS-1,3-DICHLOROPROPENE	10	UJ	UG/L	10	2.0	AQ
S-1553	PCR	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	Dhc	2.00E+05		c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	DIBROMOCHLOROMETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	DIBROMOMETHANE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	DICHLORODIFLUOROMETHANE	20	UJ	UG/L	20	3.0	AQ
09C044	RSK175	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ETHANE	7.6	J	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ETHENE	5.0	J	UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ETHYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	FREON113	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	HEXACHLOROBUTADIENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	ISOPROPYL BENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	300.0M	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	LACTATE	25.0	U	MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	M/P-XYLENES	10	UJ	UG/L	10	5.0	AQ
09C044	RSK175	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	METHANE	13000	J	UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	METHYLENE CHLORIDE	10	UJ	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	MTBE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	N-BUTYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	N-PROPYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	O-XYLENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	P-ISOPROPYLTOLUENE	10	UJ	UG/L	10	2.0	AQ
09C044	300.0M	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	PROPIONATE	707		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	SEC-BUTYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	STYRENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TERT-BUTYLBENZENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TETRACHLOROETHYLENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TOLUENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TRANS-1,2-DICHLOROETHENE	3.0	J	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TRANS-1,3-DICHLOROPROPENE	10	UJ	UG/L	10	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TRICHLOROETHENE	14	J	UG/L	50	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	TRICHLOROFLUOROMETHANE	20	UJ	UG/L	20	2.0	AQ
S-1553	PCR	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	vcrA	2.00E+05	U	c/L	2.00E+05	1.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	VINYL CHLORIDE	82	J	UG/L	5.0	2.0	AQ
09C044	8260B	IW-70-SAB09-P4	IW-70-SAB09	SABFS	03/02/2009 11:30	XYLENES (TOTAL)	20	UJ	UG/L	20	2.0	AQ
09H330	4500HB	IW-70-SAB09-P8	IW-70-SAB09	SABFS	08/27/2009 11:57	PH	5.53		PH UNIT	.1	0.1	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1-DICHLOROETHANE	0.82	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1-DICHLOROETHENE	3.2		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	1,4-DICHLOROBENZENE	0.40	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	ACETATE	2.68		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BROMIDE	1.05		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLORIDE-CL	357		MG/L	10.0	5.00	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CIS-1,2-DICHLOROETHENE	100		UG/L	25	5.0	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	FREON113	0.25	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	IRON	0.169	J	MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	MANGANESE	0.236		MG/L	0.200	0.00300	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	300.0M	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	SULFATE	496		MG/L	25.0	12.5	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TOC	1.19		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TRANS-1,2-DICHLOROETHENE	3.4		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TRICHLOROETHENE	2200		UG/L	500	20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	VINYL CHLORIDE	1.3		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB10-08A	IW-70-SAB10	SABFS	11/03/2008 14:04	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CHLOROPROPANE	50	U	UG/L	50	12	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	2-BUTANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	2-HEXANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
08L125	300.0M	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ACETATE	584		MG/L	25.0	12.5	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ACETONE	140	J	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BROMOFORM	25	U	UG/L	25	7.5	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
08L125	300.0M	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CARBON DISULFIDE	450		UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CHLOROFORM	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CIS-1,2-DICHLOROETHENE	320		UG/L	25	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ
08L125	RSK175	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ETHANE	0.70	J	UG/L	2.0	0.60	AQ
08L125	RSK175	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	FREON113	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	M/P-XYLENES	25	U	UG/L	25	12	AQ
08L125	RSK175	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	METHANE	31		UG/L	2.0	0.60	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	MTBE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	O-XYLENE	25	U	UG/L	25	5.0	AQ
08L125	4500HB	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	PH	6.03		PH UNIT		0.1	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	PROPIONATE	491		MG/L	25.0	12.5	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	STYRENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TRANS-1,2-DICHLOROETHENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TRICHLOROETHENE	240		UG/L	120	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	VINYL CHLORIDE	6.9	J	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB10-P1	IW-70-SAB10	SABFS	12/09/2008 14:10	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
S-1533	PCR	IW-70-SAB10-P3	IW-70-SAB10	SABFS	02/12/2009 8:10	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1-DICHLOROETHANE	0.62	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1-DICHLOROETHENE	2.7		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	2-BUTANONE	16	J	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ACETATE	545		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ACETONE	29	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	BUTYRATE	4.22		MG/L	1.00	0.500	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CARBON DISULFIDE	2.1	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CIS-1,2-DICHLOROETHENE	1700		UG/L	50	10	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	Dhc	7.00E+06		c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09C044	RSK175	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ETHANE	0.73	J	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ETHENE	7.5		UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	LACTATE	5.00	U	MG/L	5.00	2.50	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	METHANE	23000		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	PROPIONATE	26.2		MG/L	5.00	2.50	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TRANS-1,2-DICHLOROETHENE	8.1		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TRICHLOROETHENE	20		UG/L	5.0	0.20	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1553	PCR	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	VINYL CHLORIDE	160		UG/L	25	10	AQ
09C044	8260B	IW-70-SAB10-P4	IW-70-SAB10	SABFS	03/02/2009 12:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09D080	4500S2F	IW-70-SAB10-P5	IW-70-SAB10	SABFS	04/08/2009 10:25	SULFIDE	36.0		MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1-DICHLOROETHANE	1.2		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1-DICHLOROETHENE	5.3		UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	300.0M	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ACETATE	0.650	J	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	6010B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ARSENIC	0.00718	J	MG/L	0.200	0.00500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BROMIDE	1.06		MG/L	0.500	0.250	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	300.0M	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CARBON DISULFIDE	2.3		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	300.0	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLORIDE-CL	320		MG/L	4.00	2.00	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CIS-1,2-DICHLOROETHENE	1300		UG/L	50	10	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	RSK175	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ETHANE	1.8	J	UG/L	2.0	0.60	AQ
08K005	RSK175	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ETHENE	7.9		UG/L	2.0	0.60	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	FREON113	0.24	J	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	6010B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	IRON	0.851		MG/L	0.200	0.0400	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	6010B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	MANGANESE	0.518		MG/L	0.200	0.00300	AQ
08K005	RSK175	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	METHANE	52		UG/L	4.0	1.2	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	NITRATE-N	0.0920	J	MG/L	0.200	0.0500	AQ
08K005	300.0	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0M	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	300.0	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	SULFATE	434		MG/L	10.0	5.00	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	5310B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TOC	1.24		MG/L	1.00	0.500	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TRANS-1,2-DICHLOROETHENE	9.8		UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TRICHLOROETHENE	3.4	J	UG/L	5.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	VINYL CHLORIDE	88		UG/L	25	10	AQ
08K005	8260B	IW-70-SAB11-08A	IW-70-SAB11	SABFS	11/03/2008 10:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1,1,2-TETRACHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1,1-TRICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1,2,2-TETRACHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1,2-TRICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1-DICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1-DICHLOROETHENE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,1-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2,3-TRICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2,3-TRICHLOROPROPANE	100	U	UG/L	100	50	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2,4-TRICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2,4-TRIMETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CHLOROPROPANE	200	U	UG/L	200	50	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2-DIBROMOETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2-DICHLOROETHANE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,2-DICHLOROPROPANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,3,5-TRIMETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,3-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	1,4-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	2,2-DICHLOROPROPANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	2-BUTANONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	2-CHLOROTOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	2-HEXANONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	4-CHLOROTOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	4-METHYL-2-PENTANONE	1000	U	UG/L	1000	500	AQ
08L144	300.0M	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ACETATE	510		MG/L	20.0	10.0	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ACETONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BROMOBENZENE	100	U	UG/L	100	20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BROMODICHLOROMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BROMOFORM	100	U	UG/L	100	30	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BROMOMETHANE	200	U	UG/L	200	20	AQ
08L144	300.0M	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CARBON DISULFIDE	360		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CARBON TETRACHLORIDE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CHLOROETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CHLOROFORM	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CHLOROMETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CIS-1,2-DICHLOROETHENE	2200		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	CIS-1,3-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	DIBROMOCHLOROMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	DIBROMOMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	DICHLORODIFLUOROMETHANE	200	U	UG/L	200	30	AQ
08L144	RSK175	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ETHANE	3.4		UG/L	2.0	0.60	AQ
08L144	RSK175	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ETHENE	0.88	J	UG/L	2.0	0.60	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	FREON113	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	HEXACHLOROBUTADIENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	ISOPROPYL BENZENE	100	U	UG/L	100	20	AQ
08L144	300.0M	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	M/P-XYLENES	100	U	UG/L	100	50	AQ
08L144	RSK175	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	METHANE	73		UG/L	10	3.0	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	METHYLENE CHLORIDE	100	U	UG/L	100	50	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	MTBE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	N-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	N-PROPYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	O-XYLENE	100	U	UG/L	100	20	AQ
08L144	4500HB	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	PH	6.40		PH UNIT		0.1	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	P-ISOPROPYLTOLUENE	100	U	UG/L	100	20	AQ
08L144	300.0M	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	PROPIONATE	29.2		MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	SEC-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	STYRENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TERT-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TETRACHLOROETHYLENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TRANS-1,2-DICHLOROETHENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TRANS-1,3-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TRICHLOROETHENE	1700		UG/L	500	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	TRICHLOROFLUOROMETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	VINYL CHLORIDE	21	J	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB11-P1	IW-70-SAB11	SABFS	12/10/2008 11:00	XYLENES (TOTAL)	200	U	UG/L	200	20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1-DICHLOROETHANE	0.53	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1-DICHLOROETHENE	2.3		UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	2-BUTANONE	21		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L299	300.0M	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	ACETATE	445		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	ACETONE	23		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	300.0M	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	BUTYRATE	7.61		MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CARBON DISULFIDE	2.0		UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CHLOROFORM	0.37	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CIS-1,2-DICHLOROETHENE	790		UG/L	50	10	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	DIBROMOMETHANE	0.24	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	METHYLENE CHLORIDE	0.68	J	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	PROPIONATE	239		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TOLUENE	0.23	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TRANS-1,2-DICHLOROETHENE	5.1		UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TRICHLOROETHENE	58	J	UG/L	250	10	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	VINYL CHLORIDE	31		UG/L	25	10	AQ
08L299	8260B	IW-70-SAB11-P2	IW-70-SAB11	SABFS	12/22/2008 15:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1,2,2-TETRACHLOROETHANE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2,3-TRICHLOROBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2,3-TRICHLOROPROPANE	25	UJ	UG/L	25	12	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2,4-TRICHLOROBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2,4-TRIMETHYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CHLOROPROPANE	50	UJ	UG/L	50	12	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2-DICHLOROBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,3,5-TRIMETHYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,3-DICHLOROBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	1,4-DICHLOROBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	2-BUTANONE	250	U	UG/L	250	120	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	2-CHLOROTOLUENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	2-HEXANONE	250	U	UG/L	250	120	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	4-CHLOROTOLUENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
09C044	300.0M	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ACETATE	1270		MG/L	50.0	25.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ACETONE	170	J	UG/L	250	120	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BENZENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BROMOBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BROMOFORM	25	UJ	UG/L	25	7.5	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
09C044	300.0M	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	BUTYRATE	400		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CARBON DISULFIDE	110		UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CHLOROFORM	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CIS-1,2-DICHLOROETHENE	820		UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
S-1553	PCR	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	Dhc	3.00E+05		c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	DICHLORODIFLUOROMETHANE	50	UJ	UG/L	50	7.5	AQ
09C044	RSK175	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ETHANE	2.5		UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ETHENE	3.1		UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	FREON113	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	HEXACHLOROBUTADIENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	ISOPROPYL BENZENE	25	UJ	UG/L	25	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	300.0M	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	LACTATE	25.0	U	MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	M/P-XYLENES	25	U	UG/L	25	12	AQ
09C044	RSK175	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	METHANE	9500		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	MTBE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	N-BUTYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	N-PROPYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	O-XYLENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	P-ISOPROPYLTOLUENE	25	UJ	UG/L	25	5.0	AQ
09C044	300.0M	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	PROPIONATE	657		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	SEC-BUTYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	STYRENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TERT-BUTYLBENZENE	25	UJ	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TOLUENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TRANS-1,2-DICHLOROETHENE	5.7	J	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TRICHLOROETHENE	35	J	UG/L	120	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
S-1553	PCR	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	vcrA	2.00E+05	U	c/L	2.00E+05	1.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	VINYL CHLORIDE	43		UG/L	12	5.0	AQ
09C044	8260B	IW-70-SAB11-P4	IW-70-SAB11	SABFS	03/03/2009 8:35	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1,1,2-TETRACHLOROETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1,1-TRICHLOROETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1,2,2-TETRACHLOROETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1,2-TRICHLOROETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1-DICHLOROETHANE	0.39	J	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1-DICHLOROETHENE	0.50	UJ	UG/L	0.50	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,1-DICHLOROPROPENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2,3-TRICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.50	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2,4-TRIMETHYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2-DIBROMOETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2-DICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2-DICHLOROETHANE	0.50	UJ	UG/L	0.50	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,3,5-TRIMETHYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,3-DICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	1,4-DICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	2-BUTANONE	560		UG/L	500	250	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	2-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	2-HEXANONE	62	J	UG/L	10	5.0	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	4-METHYL-2-PENTANONE	11	J	UG/L	10	5.0	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	ACETONE	890		UG/L	500	250	AQ
09H330	RSK-175	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	ACETYLENE	4.0	U	UG/L	4.0	2.0	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	BENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	BROMOBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	BROMODICHLOROMETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	BROMOFORM	1.0	UJ	UG/L	1.0	0.30	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CARBON DISULFIDE	120	J	UG/L	50	10	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CARBON TETRACHLORIDE	0.50	UJ	UG/L	0.50	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CHLOROETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CHLOROFORM	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CIS-1,2-DICHLOROETHENE	600		UG/L	50	10	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	CIS-1,3-DICHLOROPROPENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	DIBROMOCHLOROMETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	DIBROMOMETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	ETHYLBENZENE	0.39	J	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	ISOPROPYL BENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	M/P-XYLENES	1.0	UJ	UG/L	1.0	0.50	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	N-PROPYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	O-XYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	4500HB	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	PH	5.13		PH UNIT	.1	0.1	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	SEC-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	STYRENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TERT-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TOLUENE	0.30	J	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TRANS-1,2-DICHLOROETHENE	5.0	J	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TRANS-1,3-DICHLOROPROPENE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TRICHLOROETHENE	29	J	UG/L	5.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	VINYL CHLORIDE	150		UG/L	25	10	AQ
09H330	8260B	IW-70-SAB11-P8	IW-70-SAB11	SABFS	08/27/2009 13:13	XYLENES (TOTAL)	2.0	UJ	UG/L	2.0	0.20	AQ
S-1735	PCR	IW-70-SAB11-98X	IW-70-SAB11	SABFS	09/30/2009 12:00	Dhc	4.00E+06		c/L	4.00E+03	1.0	AQ
S-1735	PCR	IW-70-SAB11-98X	IW-70-SAB11	SABFS	09/30/2009 12:00	vcrA	1.00E+05		c/L	4.00E+03	1.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	2-BUTANONE	500		UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	2-HEXANONE	35		UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	4-METHYL-2-PENTANONE	6.4	J	UG/L	10	5.0	AQ
10C253	300.0M	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ACETATE	24.3		MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ACETONE	1700		UG/L	500	250	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	300.0M	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CARBON DISULFIDE	2.2		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CHLOROETHANE	0.22	J	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	Dhc	4.00E+08		c/L	4.00E+03	1.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	RSK175	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ETHANE	0.62	J	UG/L	2.0	0.60	AQ
10C253	RSK175	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ETHENE	10		UG/L	2.0	0.60	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ETHYLBENZENE	1.0		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C253	RSK175	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	METHANE	21000		UG/L	2000	600	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	4500HB	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	PH	6.63		PH UNIT	0.1	0.1	AQ
10C253	4500HB	IW-70-SAB11-P10DUP	IW-70-SAB11	SABFS	03/18/2010 11:55	PH	6.63		PH UNIT	0.5	0.1	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	PROPIONATE	545		MG/L	20.0	10.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	5310B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TOC	609		MG/L	20.0	10.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TOLUENE	0.32	J	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TRANS-1,2-DICHLOROETHENE	2.3		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TRICHLOROETHENE	0.33	J	UG/L	5.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	vcrA	1.00E+08		c/L	4.00E+03	1.0	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	VINYL CHLORIDE	5.6		UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10	IW-70-SAB11	SABFS	03/18/2010 11:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	2-BUTANONE	470	J	UG/L	500	250	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	2-HEXANONE	37		UG/L	10	5.0	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	4-METHYL-2-PENTANONE	6.9	J	UG/L	10	5.0	AQ
10C253	300.0M	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ACETATE	25.5		MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ACETONE	1500		UG/L	500	250	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	300.0M	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CARBON DISULFIDE	2.3		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CHLOROETHANE	0.28	J	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	RSK175	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ETHANE	1.4	J	UG/L	2.0	0.60	AQ
10C253	RSK175	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ETHENE	5.9		UG/L	2.0	0.60	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ETHYLBENZENE	0.89	J	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	300.0M	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C253	RSK175	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	METHANE	15000		UG/L	1000	300	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	PROPIONATE	537		MG/L	20.0	10.0	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	5310B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TOC	616		MG/L	20.0	10.0	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TOLUENE	0.28	J	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TRANS-1,2-DICHLOROETHENE	2.2		UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TRICHLOROETHENE	0.29	J	UG/L	5.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	VINYL CHLORIDE	5.4		UG/L	0.50	0.20	AQ
10C253	8260B	IW-70-SAB11-P10D	IW-70-SAB11	SABFS	03/18/2010 12:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	2-HEXANONE	27		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	4-METHYL-2-PENTANONE	8.2	J	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ACETATE	3.70		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ACETONE	13		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	300.0M	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CARBON DISULFIDE	2.7		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CHLOROETHANE	0.32	J	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CIS-1,2-DICHLOROETHENE	1.6		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	Dhc	4.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ETHENE	5.0		UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ETHYLBENZENE	0.20	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	METHANE	22000		UG/L	2000	600	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TOC	177		MG/L	10.0	5.00	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TOLUENE	0.24	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TRANS-1,2-DICHLOROETHENE	2.7		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TRICHLOROETHENE	0.36	J	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	vcrA	6.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	VINYL CHLORIDE	2.6		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13	IW-70-SAB11	SABFS	08/30/2010 12:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	2-HEXANONE	27		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	4-METHYL-2-PENTANONE	7.8	J	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ACETATE	2.97		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ACETONE	11		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CARBON DISULFIDE	2.6		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CHLOROETHANE	0.30	J	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CIS-1,2-DICHLOROETHENE	1.5		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	Dhc	5.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ETHYLBENZENE	0.20	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	METHANE	18000		UG/L	2000	600	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TOC	194		MG/L	10.0	5.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TOLUENE	0.24	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TRANS-1,2-DICHLOROETHENE	2.7		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TRICHLOROETHENE	0.39	J	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	vcrA	6.00E+07		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	VINYL CHLORIDE	2.7		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SAB11-P13-D	IW-70-SAB11	SABFS	08/30/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1-DICHLOROETHANE	1.6		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1-DICHLOROETHENE	5.7		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	1,4-DICHLOROBENZENE	0.47	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ACETATE	2.51		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BROMIDE	2.19		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CARBON DISULFIDE	1.1		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLORIDE-CL	703		MG/L	10.0	5.00	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CIS-1,2-DICHLOROETHENE	940		UG/L	50	10	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	RSK175	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ETHANE	2.5		UG/L	2.0	0.60	AQ
08K023	RSK175	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ETHENE	1.0	J	UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	FREON113	0.69	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	IRON	0.890		MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	MANGANESE	0.444		MG/L	0.200	0.00300	AQ
08K023	RSK175	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	METHANE	73		UG/L	10	3.0	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	NITRATE-N	0.0934	J	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	SULFATE	594		MG/L	25.0	12.5	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TOC	1.26		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TRANS-1,2-DICHLOROETHENE	9.5		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TRICHLOROETHENE	760		UG/L	250	10	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	VINYL CHLORIDE	63		UG/L	25	10	AQ
08K023	8260B	IW-70-SAB12-08A	IW-70-SAB12	SABFS	11/03/2008 13:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2-DICHLORO-3-CHLOROPROPANE	50	U	UG/L	50	12	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	2-BUTANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	2-HEXANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
08L125	300.0M	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ACETATE	398		MG/L	20.0	10.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ACETONE	130	J	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BROMOFORM	25	U	UG/L	25	7.5	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
08L125	300.0M	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CARBON DISULFIDE	86		UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CHLOROFORM	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CIS-1,2-DICHLOROETHENE	490		UG/L	100	20	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ
08L125	RSK175	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ETHANE	2.1		UG/L	2.0	0.60	AQ
08L125	RSK175	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	FREON113	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	LACTATE	58.7		MG/L	4.00	2.00	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	M/P-XYLENES	25	U	UG/L	25	12	AQ
08L125	RSK175	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	METHANE	31		UG/L	2.0	0.60	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	MTBE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	O-XYLENE	25	U	UG/L	25	5.0	AQ
08L125	4500HB	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	PH	6.32		PH UNIT		0.1	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	PROPIONATE	166		MG/L	20.0	10.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	STYRENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TRANS-1,2-DICHLOROETHENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TRICHLOROETHENE	490	J	UG/L	500	20	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	VINYL CHLORIDE	12	J	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB12-P1	IW-70-SAB12	SABFS	12/09/2008 11:55	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1-DICHLOROETHANE	0.53	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1-DICHLOROETHENE	2.6		UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	2-BUTANONE	16		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L299	300.0M	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	ACETATE	616		MG/L	25.0	12.5	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	ACETONE	20		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	300.0M	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	BUTYRATE	15.5		MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CARBON DISULFIDE	0.56	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CIS-1,2-DICHLOROETHENE	520		UG/L	50	10	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	METHYLENE CHLORIDE	0.71	J	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	300.0M	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	PROPIONATE	271		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TOLUENE	0.27	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TRANS-1,2-DICHLOROETHENE	3.3		UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TRICHLOROETHENE	24		UG/L	5.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	VINYL CHLORIDE	32		UG/L	25	10	AQ
08L299	8260B	IW-70-SAB12-P2	IW-70-SAB12	SABFS	12/22/2008 14:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1-DICHLOROETHANE	0.71	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1-DICHLOROETHENE	3.0		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	2-BUTANONE	18	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ACETATE	678		MG/L	50.0	25.0	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ACETONE	44	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BENZENE	0.20	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	BUTYRATE	29.2		MG/L	1.00	0.500	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CARBON DISULFIDE	3.9	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CIS-1,2-DICHLOROETHENE	1700		UG/L	50	10	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	Dhc	1.00E+04	J	c/L	2.00E+04	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09C044	RSK175	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ETHANE	0.74	J	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ETHENE	5.6		UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	LACTATE	5.00	U	MG/L	5.00	2.50	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	METHANE	15000		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	PROPIONATE	51.3		MG/L	5.00	2.50	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TOLUENE	0.27	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TRANS-1,2-DICHLOROETHENE	6.9		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TRICHLOROETHENE	70	J	UG/L	250	10	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1553	PCR	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	VINYL CHLORIDE	140		UG/L	25	10	AQ
09C044	8260B	IW-70-SAB12-P4	IW-70-SAB12	SABFS	03/03/2009 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1,2-TRICHLOROETHANE	0.45	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1-DICHLOROETHANE	3.4		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1-DICHLOROETHENE	12		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2-DICHLOROETHANE	0.25	J	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	1,4-DICHLOROBENZENE	0.47	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	ACETATE	2.35		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	ARSENIC	0.00776	J	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BROMIDE	2.00		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CARBON DISULFIDE	2.5		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLORIDE-CL	771		MG/L	10.0	5.00	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CIS-1,2-DICHLOROETHENE	620		UG/L	25	5.0	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	FREON113	0.60	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	IRON	3.29		MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	MANGANESE	0.627		MG/L	0.200	0.00300	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	NITRATE-N	0.0884	J	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	SULFATE	895		MG/L	25.0	12.5	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TOC	1.79		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TRANS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TRICHLOROETHENE	4100		UG/L	1200	50	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	VINYL CHLORIDE	73		UG/L	12	5.0	AQ
08K023	8260B	IW-70-SAB13-08A	IW-70-SAB13	SABFS	11/03/2008 15:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1,1,2-TETRACHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1,1-TRICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1,2,2-TETRACHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1,2-TRICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1-DICHLOROETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1-DICHLOROETHENE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,1-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2,3-TRICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2,3-TRICHLOROPROPANE	100	U	UG/L	100	50	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2,4-TRICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2,4-TRIMETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CHLOROPROPANE	200	U	UG/L	200	50	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2-DIBROMOETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2-DICHLOROETHANE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,2-DICHLOROPROPANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,3,5-TRIMETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,3-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	1,4-DICHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	2,2-DICHLOROPROPANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	2-BUTANONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	2-CHLOROTOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	2-HEXANONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	4-CHLOROTOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	4-METHYL-2-PENTANONE	1000	U	UG/L	1000	500	AQ
08L144	300.0M	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ACETATE	719		MG/L	25.0	12.5	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ACETONE	1000	U	UG/L	1000	500	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BROMOBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BROMODICHLOROMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BROMOFORM	100	U	UG/L	100	30	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BROMOMETHANE	200	U	UG/L	200	20	AQ
08L144	300.0M	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CARBON DISULFIDE	250		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CARBON TETRACHLORIDE	50	U	UG/L	50	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CHLOROBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CHLOROETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CHLOROFORM	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CHLOROMETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CIS-1,2-DICHLOROETHENE	3000		UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	CIS-1,3-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	DIBROMOCHLOROMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	DIBROMOMETHANE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	DICHLORODIFLUOROMETHANE	200	U	UG/L	200	30	AQ
08L144	RSK175	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ETHANE	3.0		UG/L	2.0	0.60	AQ
08L144	RSK175	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ETHYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	FREON113	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	HEXACHLOROBUTADIENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	ISOPROPYL BENZENE	100	U	UG/L	100	20	AQ
08L144	300.0M	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	M/P-XYLENES	100	U	UG/L	100	50	AQ
08L144	RSK175	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	METHANE	120		UG/L	20	6.0	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	METHYLENE CHLORIDE	100	U	UG/L	100	50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	MTBE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	N-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	N-PROPYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	O-XYLENE	100	U	UG/L	100	20	AQ
08L144	4500HB	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	PH	6.10		PH UNIT		0.1	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	P-ISOPROPYLTOLUENE	100	U	UG/L	100	20	AQ
08L144	300.0M	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	PROPIONATE	225		MG/L	10.0	5.00	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	SEC-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	STYRENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TERT-BUTYLBENZENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TETRACHLOROETHYLENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TOLUENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TRANS-1,2-DICHLOROETHENE	23	J	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TRANS-1,3-DICHLOROPROPENE	100	U	UG/L	100	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TRICHLOROETHENE	2700		UG/L	500	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	TRICHLOROFLUOROMETHANE	200	U	UG/L	200	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	VINYL CHLORIDE	83		UG/L	50	20	AQ
08L144	8260B	IW-70-SAB13-P1	IW-70-SAB13	SABFS	12/10/2008 12:50	XYLENES (TOTAL)	200	U	UG/L	200	20	AQ
S-1533	PCR	IW-70-SAB13-P3	IW-70-SAB13	SABFS	02/12/2009 9:05	Dhc	1.00E+06		c/L	4.00E+03	1.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1-DICHLOROETHANE	0.38	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	2-BUTANONE	30		UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	2-HEXANONE	7.7	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ACETATE	1170		MG/L	50.0	25.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ACETONE	26		UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	BUTYRATE	268		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CARBON DISULFIDE	26		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CHLOROMETHANE	0.68	J	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CIS-1,2-DICHLOROETHENE	610		UG/L	25	5.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	Dhc	1.00E+04	J	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09C044	RSK175	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ETHANE	1.8	J	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ETHENE	3.3		UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	LACTATE	25.0	U	MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	METHANE	18000		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	PROPIONATE	534		MG/L	25.0	12.5	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	SEC-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TOLUENE	0.22	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TRANS-1,2-DICHLOROETHENE	3.0		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TRICHLOROETHENE	7.5		UG/L	5.0	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1553	PCR	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	VINYL CHLORIDE	32		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB13-P4	IW-70-SAB13	SABFS	03/03/2009 14:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1,2-TRICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1-DICHLOROETHANE	3.3		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1-DICHLOROETHENE	14		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2-DICHLOROETHANE	0.21	J	UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	1,4-DICHLOROBENZENE	0.31	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	300.0M	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ACETATE	4.83		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	6010B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BROMIDE	1.79		MG/L	0.500	0.250	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	300.0M	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CARBON DISULFIDE	1.2		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	300.0	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLORIDE-CL	663		MG/L	10.0	5.00	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLOROFORM	0.56	J	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CIS-1,2-DICHLOROETHENE	520		UG/L	250	50	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	RSK175	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ETHANE	1.3	J	UG/L	2.0	0.60	AQ
08K023	RSK175	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	FREON113	3.8		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	6010B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	IRON	1.83		MG/L	0.200	0.0400	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	6010B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	MANGANESE	0.470		MG/L	0.200	0.00300	AQ
08K023	RSK175	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	METHANE	32		UG/L	2.0	0.60	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	NITRATE-N	0.0978	J	MG/L	0.200	0.0500	AQ
08K023	300.0	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0M	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	300.0	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	SULFATE	890		MG/L	25.0	12.5	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	5310B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TOC	1.52		MG/L	1.00	0.500	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TRANS-1,2-DICHLOROETHENE	17		UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TRICHLOROETHENE	5100		UG/L	1200	50	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	VINYL CHLORIDE	19		UG/L	0.50	0.20	AQ
08K023	8260B	IW-70-SAB14-08A	IW-70-SAB14	SABFS	11/03/2008 16:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1,1,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1,1-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1,2,2-TETRACHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1,2-TRICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1-DICHLOROETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1-DICHLOROETHENE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,1-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2,3-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2,3-TRICHLOROPROPANE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2,4-TRICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2,4-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CHLOROPROPANE	50	U	UG/L	50	12	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2-DIBROMOETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2-DICHLOROETHANE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,3,5-TRIMETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,3-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	1,4-DICHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	2,2-DICHLOROPROPANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	2-BUTANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	2-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	2-HEXANONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	4-CHLOROTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	4-METHYL-2-PENTANONE	250	U	UG/L	250	120	AQ
08L125	300.0M	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ACETATE	400		MG/L	20.0	10.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ACETONE	250	U	UG/L	250	120	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BROMOBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BROMODICHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BROMOFORM	25	U	UG/L	25	7.5	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BROMOMETHANE	50	U	UG/L	50	5.0	AQ
08L125	300.0M	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CARBON DISULFIDE	250		UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CARBON TETRACHLORIDE	12	U	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CHLOROBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CHLOROETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CHLOROFORM	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CHLOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CIS-1,2-DICHLOROETHENE	500		UG/L	100	20	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	CIS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	DIBROMOCHLOROMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	DIBROMOMETHANE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	DICHLORODIFLUOROMETHANE	50	U	UG/L	50	7.5	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	RSK175	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ETHANE	2.0		UG/L	2.0	0.60	AQ
08L125	RSK175	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ETHYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	FREON113	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	HEXACHLOROBUTADIENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	ISOPROPYL BENZENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	LACTATE	72.1		MG/L	5.00	2.50	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	M/P-XYLENES	25	U	UG/L	25	12	AQ
08L125	RSK175	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	METHANE	34		UG/L	4.0	1.2	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	METHYLENE CHLORIDE	25	U	UG/L	25	12	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	MTBE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	N-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	N-PROPYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	O-XYLENE	25	U	UG/L	25	5.0	AQ
08L125	4500HB	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	PH	6.41		PH UNIT		0.1	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	P-ISOPROPYLTOLUENE	25	U	UG/L	25	5.0	AQ
08L125	300.0M	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	PROPIONATE	160		MG/L	20.0	10.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	SEC-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	STYRENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TERT-BUTYLBENZENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TETRACHLOROETHYLENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TOLUENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TRANS-1,2-DICHLOROETHENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TRANS-1,3-DICHLOROPROPENE	25	U	UG/L	25	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TRICHLOROETHENE	460	J	UG/L	500	20	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	TRICHLOROFLUOROMETHANE	50	U	UG/L	50	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	VINYL CHLORIDE	10	J	UG/L	12	5.0	AQ
08L125	8260B	IW-70-SAB14-P1	IW-70-SAB14	SABFS	12/09/2008 10:10	XYLENES (TOTAL)	50	U	UG/L	50	5.0	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1-DICHLOROETHANE	0.38	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1-DICHLOROETHENE	2.4		UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	2-BUTANONE	19		UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L299	300.0M	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	ACETATE	510		MG/L	20.0	10.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	ACETONE	9.0	J	UG/L	10	5.0	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	300.0M	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	BUTYRATE	15.1		MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CARBON DISULFIDE	0.51	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CIS-1,2-DICHLOROETHENE	560		UG/L	50	10	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	METHYLENE CHLORIDE	0.73	J	UG/L	1.0	0.50	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	300.0M	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	PROPIONATE	309		MG/L	20.0	10.0	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TOLUENE	0.23	J	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TRANS-1,2-DICHLOROETHENE	3.3		UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TRICHLOROETHENE	22		UG/L	5.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	VINYL CHLORIDE	34		UG/L	25	10	AQ
08L299	8260B	IW-70-SAB14-P2	IW-70-SAB14	SABFS	12/23/2008 9:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
S-1533	PCR	IW-70-SAB14-P3	IW-70-SAB14	SABFS	02/12/2009 9:50	Dhc	1.00E+05		c/L	4.00E+03	1.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1-DICHLOROETHANE	0.64	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1-DICHLOROETHENE	2.4		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	2-BUTANONE	99	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	2-HEXANONE	7.0	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ACETATE	1220		MG/L	40.0	20.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ACETONE	96	J	UG/L	10	5.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	BUTYRATE	169		MG/L	20.0	10.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CARBON DISULFIDE	3.9	J	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CIS-1,2-DICHLOROETHENE	1300		UG/L	50	10	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	Dhc	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09C044	RSK175	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ETHANE	1.2	J	UG/L	2.0	0.60	AQ
09C044	RSK175	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ETHENE	2.1		UG/L	2.0	0.60	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	LACTATE	20.0	U	MG/L	20.0	10.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	METHANE	18000		UG/L	2000	600	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	PROPIONATE	255		MG/L	20.0	10.0	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TRANS-1,2-DICHLOROETHENE	5.5		UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TRICHLOROETHENE	110	J	UG/L	250	10	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	TRICHLOROFLUOROMETHANE	0.26	J	UG/L	2.0	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	VINYL CHLORIDE	28		UG/L	0.50	0.20	AQ
09C044	8260B	IW-70-SAB14-P4	IW-70-SAB14	SABFS	03/04/2009 8:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09D080	4500S2F	IW-70-SAB14-P5	IW-70-SAB14	SABFS	04/08/2009 11:00	SULFIDE	8.00		MG/L	1.00	0.500	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1-DICHLOROETHANE	0.23	J	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CIS-1,2-DICHLOROETHENE	2.7		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H260	RSK175	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H260	RSK175	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	RSK175	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	METHANE	8.6		UG/L	2.0	0.60	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TRICHLOROETHENE	56		UG/L	25	1.0	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA05-08A	MW-70-MNA05	SABFS	08/25/2008 11:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1-DICHLOROETHENE	0.25	J	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	ACETONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CIS-1,2-DICHLOROETHENE	30		UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I251	RSK175	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I251	RSK175	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I251	RSK175	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	METHANE	16		UG/L	2.0	0.60	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TRANS-1,2-DICHLOROETHENE	0.42	J	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TRICHLOROETHENE	4.5	J	UG/L	5.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-MNA05-09A	MW-70-MNA05	SABFS	09/17/2009 12:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L289	8270C-SIM	MW-70-MNA05-09X	MW-70-MNA05	SABFS	12/14/2009 14:35	1,4-DIOXANE	1.0	U	UG/L	1.0	0.60	AQ
09L289	8270C-SIM	MW-70-MNA05-09XD	MW-70-MNA05	SABFS	12/14/2009 14:40	1,4-DIOXANE	0.96	U	UG/L	0.96	0.58	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1-DICHLOROETHENE	0.30	J	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CARBON DISULFIDE	0.66	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CIS-1,2-DICHLOROETHENE	19		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	METHANE	110		UG/L	10	3.0	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TRANS-1,2-DICHLOROETHENE	0.53	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TRICHLOROETHENE	4.6	J	UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	VINYL CHLORIDE	37		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA05-A10	MW-70-MNA05	SABFS	09/10/2010 11:26	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROETHANE	0.36	J	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROETHANE	0.36	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROETHENE	0.68		UG/L	0.50	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROETHENE	0.68		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	6010B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H226	6010B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMIDE	0.532		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	300.0	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMIDE	0.529		MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLORIDE-CL	163		MG/L	2.00	1.00	AQ
08H226	300.0	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLORIDE-CL	162		MG/L	2.00	1.00	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CIS-1,2-DICHLOROETHENE	97		UG/L	10	2.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CIS-1,2-DICHLOROETHENE	100		UG/L	10	2.0	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	4500F	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	4500F	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	4500F	DUP2-08ADUP	MW-70-PMW02A	SABFS	08/21/2008 9:08	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	6010B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	IRON	0.340		MG/L	0.200	0.0400	AQ
08H226	6010B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	IRON	0.343		MG/L	0.200	0.0400	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	LACTATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	6010B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	MANGANESE	0.329		MG/L	0.200	0.00300	AQ
08H226	6010B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	MANGANESE	0.317		MG/L	0.200	0.00300	AQ
08H226	RSK175	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	METHANE	20		UG/L	2.0	0.60	AQ
08H226	RSK175	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	METHANE	18		UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	SULFATE	268		MG/L	5.00	2.50	AQ
08H226	300.0	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	SULFATE	266		MG/L	5.00	2.50	AQ
08H226	2540C	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TDS	1010	J	MG/L	20.0	5.00	AQ
08H226	2540C	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TDS	1020	J	MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	5310B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOC	0.894	U	MG/L	1.00	0.500	AQ
08H226	5310B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOC	0.967	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOTAL ALKALINITY	203		MG/L	5.00	1.00	AQ
08H226	2320B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRANS-1,2-DICHLOROETHENE	0.73	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRANS-1,2-DICHLOROETHENE	0.75	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRICHLOROETHENE	110		UG/L	50	2.0	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRICHLOROETHENE	120		UG/L	50	2.0	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	VINYL CHLORIDE	0.30	J	UG/L	0.50	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	VINYL CHLORIDE	0.33	J	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02A-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	DUP2-08A	MW-70-PMW02A	SABFS	08/21/2008 9:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1-DICHLOROETHANE	0.31	J	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1-DICHLOROETHENE	0.77		UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L125	300.0M	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ACETONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	300.0M	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CIS-1,2-DICHLOROETHENE	160		UG/L	5.0	1.0	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L125	RSK175	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08L125	RSK175	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	300.0M	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L125	RSK175	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	METHANE	22		UG/L	2.0	0.60	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	4500HB	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	PH	7.55		PH UNIT		0.1	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	300.0M	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TRANS-1,2-DICHLOROETHENE	0.98	J	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TRICHLOROETHENE	34		UG/L	5.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	VINYL CHLORIDE	0.30	J	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02A-P1	MW-70-PMW02A	SABFS	12/08/2008 14:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1-DICHLOROETHANE	0.29	J	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1-DICHLOROETHENE	0.94		UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H273	300.0M	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ACETONE	10	U	UG/L	10	5.0	AQ
09H273	6010B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BROMIDE	0.689		MG/L	0.500	0.250	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	300.0M	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H273	300.0	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLORIDE-CL	165		MG/L	4.00	2.00	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CIS-1,2-DICHLOROETHENE	120		UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H273	RSK175	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09H273	RSK175	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	4500F	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09H273	4500F	MW-70-PMW02A-09ADUP	MW-70-PMW02A	SABFS	08/25/2009 11:25	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09H273	6010B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	IRON	0.366		MG/L	0.200	0.0400	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0M	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H273	6010B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	MANGANESE	0.281		MG/L	0.200	0.00300	AQ
09H273	RSK175	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	METHANE	2300		UG/L	400	120	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H273	300.0	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0M	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	SULFATE	248		MG/L	10.0	5.00	AQ
09H273	2540C	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TDS	865		MG/L	20.0	5.00	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	5310B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TOC	1.06		MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	2320B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TOTAL ALKALINITY	202		MG/L	5.00	1.00	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TRANS-1,2-DICHLOROETHENE	1.0		UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TRICHLOROETHENE	4.8	J	UG/L	5.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	VINYL CHLORIDE	0.31	J	UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02A-09A	MW-70-PMW02A	SABFS	08/25/2009 11:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1-DICHLOROETHANE	0.72	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1-DICHLOROETHENE	0.77		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	300.0M	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	6010B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BROMIDE	0.279	J	MG/L	0.500	0.250	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I043	300.0M	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	300.0	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLORIDE-CL	206		MG/L	4.00	2.00	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CIS-1,2-DICHLOROETHENE	130		UG/L	10	2.0	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	RSK175	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I043	RSK175	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	4500F	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I043	6010B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	IRON	0.443		MG/L	0.200	0.0400	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	6010B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	MANGANESE	0.273		MG/L	0.200	0.00300	AQ
10I043	RSK175	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	METHANE	5900		UG/L	800	240	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	300.0	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	SULFATE	334		MG/L	10.0	5.00	AQ
10I043	2540C	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TDS	1050		MG/L	20.0	5.00	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	5310B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TOC	0.934	J	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	2320B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TRANS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TRICHLOROETHENE	5.7		UG/L	5.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	VINYL CHLORIDE	0.61		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW02A-A10	MW-70-PMW02A	SABFS	09/02/2010 13:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1-DICHLOROETHANE	0.43	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1-DICHLOROETHENE	1.2		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ACETATE	0.738	J	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	6010B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BROMIDE	0.598		MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLORIDE-CL	197		MG/L	4.00	2.00	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CIS-1,2-DICHLOROETHENE	170		UG/L	50	10	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	4500F	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	6010B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	IRON	0.318		MG/L	0.200	0.0400	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	6010B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	MANGANESE	0.267		MG/L	0.200	0.00300	AQ
08H226	RSK175	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	METHANE	16		UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	SULFATE	319		MG/L	10.0	5.00	AQ
08H226	2540C	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TDS	1110	J	MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	5310B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TOC	1.04	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TOTAL ALKALINITY	195		MG/L	5.00	1.00	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TRANS-1,2-DICHLOROETHENE	1.6		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TRICHLOROETHENE	350		UG/L	250	10	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	VINYL CHLORIDE	0.68		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW02B-08A	MW-70-PMW02B	SABFS	08/21/2008 11:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1-DICHLOROETHANE	0.34	J	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1-DICHLOROETHENE	1.1		UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L125	300.0M	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ACETONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	300.0M	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CIS-1,2-DICHLOROETHENE	230		UG/L	10	2.0	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L125	RSK175	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08L125	RSK175	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	300.0M	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L125	RSK175	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	METHANE	22		UG/L	2.0	0.60	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	4500HB	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	PH	7.43		PH UNIT		0.1	AQ
08L125	4500HB	MW-70-PMW02B-P1DUP	MW-70-PMW02B	SABFS	12/08/2008 11:10	PH	7.49		PH UNIT	0.1	0.1	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	300.0M	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TRANS-1,2-DICHLOROETHENE	1.3		UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TRICHLOROETHENE	110		UG/L	50	2.0	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	VINYL CHLORIDE	0.42	J	UG/L	0.50	0.20	AQ
08L125	8260B	MW-70-PMW02B-P1	MW-70-PMW02B	SABFS	12/08/2008 11:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1-DICHLOROETHANE	0.55	J	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1-DICHLOROETHENE	1.3		UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H273	300.0M	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ACETONE	10	U	UG/L	10	5.0	AQ
09H273	6010B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BROMIDE	0.757		MG/L	0.500	0.250	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	300.0M	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H273	300.0	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLORIDE-CL	203		MG/L	4.00	2.00	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CIS-1,2-DICHLOROETHENE	180		UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H273	RSK175	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09H273	RSK175	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	4500F	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09H273	6010B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	IRON	0.267		MG/L	0.200	0.0400	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0M	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H273	6010B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	MANGANESE	0.217		MG/L	0.200	0.00300	AQ
09H273	RSK175	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	METHANE	580		UG/L	100	30	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H273	300.0	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0M	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	300.0	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	SULFATE	321		MG/L	10.0	5.00	AQ
09H273	2540C	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TDS	1000		MG/L	20.0	5.00	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	5310B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TOC	1.16		MG/L	1.00	0.500	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	2320B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TOTAL ALKALINITY	204		MG/L	5.00	1.00	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TRANS-1,2-DICHLOROETHENE	1.9		UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TRICHLOROETHENE	11		UG/L	5.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	VINYL CHLORIDE	0.49	J	UG/L	0.50	0.20	AQ
09H273	8260B	MW-70-PMW02B-09A	MW-70-PMW02B	SABFS	08/25/2009 12:24	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1-DICHLOROETHANE	0.87	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1-DICHLOROETHENE	1.8		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,2-DICHLOROPROPANE	0.23	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	300.0M	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	6010B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BROMIDE	0.510		MG/L	0.500	0.250	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I043	300.0M	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	300.0	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLORIDE-CL	239		MG/L	4.00	2.00	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CIS-1,2-DICHLOROETHENE	290		UG/L	100	20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	RSK175	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I043	RSK175	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	4500F	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I043	6010B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	IRON	0.287		MG/L	0.200	0.0400	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	6010B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	MANGANESE	0.238		MG/L	0.200	0.00300	AQ
10I043	RSK175	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	METHANE	35		UG/L	4.0	1.2	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	300.0	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	300.0	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	SULFATE	366		MG/L	10.0	5.00	AQ
10I043	2540C	MW-70-PMW02B-A10DUP	MW-70-PMW02B	SABFS	09/02/2010 13:42	TDS	1160		MG/L	20.0	5.00	AQ
10I043	2540C	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TDS	1150		MG/L	20.0	5.00	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	5310B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TOC	1.10		MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	2320B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TOTAL ALKALINITY	221		MG/L	5.00	1.00	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TRANS-1,2-DICHLOROETHENE	2.5		UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TRICHLOROETHENE	94		UG/L	5.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	VINYL CHLORIDE	1.6		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW02B-A10	MW-70-PMW02B	SABFS	09/02/2010 13:42	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1-DICHLOROETHANE	0.51	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1-DICHLOROETHENE	0.40	J	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ACETATE	0.563	J	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	6010B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BROMIDE	0.519		MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLORIDE-CL	190		MG/L	4.00	2.00	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CIS-1,2-DICHLOROETHENE	9.2		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	4500F	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	6010B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	IRON	0.245		MG/L	0.200	0.0400	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	6010B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	MANGANESE	0.220		MG/L	0.200	0.00300	AQ
08H226	RSK175	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	METHANE	24		UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	SULFATE	328		MG/L	10.0	5.00	AQ
08H226	2540C	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TDS	1210	J	MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	5310B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TOC	0.865	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TRANS-1,2-DICHLOROETHENE	0.26	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TRICHLOROETHENE	270		UG/L	120	5.0	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	VINYL CHLORIDE	0.47	J	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03A-08A	MW-70-PMW03A	SABFS	08/21/2008 10:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1-DICHLOROETHANE	0.52	J	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1-DICHLOROETHENE	1.2		UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L191	300.0M	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ACETATE	61.1		MG/L	5.00	2.50	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ACETONE	5.6	J	UG/L	10	5.0	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CARBON DISULFIDE	0.61	J	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CIS-1,2-DICHLOROETHENE	160		UG/L	25	5.0	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L191	RSK175	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08L191	RSK175	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L191	RSK175	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	METHANE	32		UG/L	2.0	0.60	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	4500HB	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	PH	7.28		PH UNIT		0.1	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	PROPIONATE	12.8		MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TRANS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TRICHLOROETHENE	150		UG/L	120	5.0	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03A-P1	MW-70-PMW03A	SABFS	12/12/2008 7:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1-DICHLOROETHENE	1.5		UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	2-BUTANONE	12		UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ACETATE	59.7		MG/L	2.00	1.00	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ACETONE	38		UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	BUTYRATE	16.5		MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CARBON DISULFIDE	3.0		UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CHLOROMETHANE	0.62	J	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CIS-1,2-DICHLOROETHENE	490		UG/L	10	2.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	Dhc	7.00E+04		c/L	2.00E+04	1.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09C044	RSK175	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09C044	RSK175	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ETHENE	0.86	J	UG/L	2.0	0.60	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	METHANE	15000		UG/L	2000	600	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	PROPIONATE	249		MG/L	10.0	5.00	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TRANS-1,2-DICHLOROETHENE	2.0		UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TRICHLOROETHENE	2.6	J	UG/L	5.0	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
S-1553	PCR	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	VINYL CHLORIDE	19		UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03A-P4	MW-70-PMW03A	SABFS	03/04/2009 11:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H330	4500HB	MW-70-PMW03A-P8	MW-70-PMW03A	SABFS	08/27/2009 10:19	PH	6.38		PH UNIT	.1	0.1	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	2-BUTANONE	5.8	J	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I231	300.0M	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ACETATE	85.5		MG/L	5.00	2.50	AQ
09I231	300.0M	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	ACETATE	85.0		MG/L	5.00	2.50	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ACETONE	78		UG/L	10	5.0	AQ
09I231	6010B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ARSENIC	0.00689	J	MG/L	0.200	0.00500	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMIDE	0.485	J	MG/L	0.500	0.250	AQ
09I231	300.0	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMIDE	0.514		MG/L	0.500	0.250	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	BUTYRATE	2.25		MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	BUTYRATE	2.22		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CARBON DISULFIDE	0.38	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I231	300.0	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLORIDE-CL	188		MG/L	2.00	1.00	AQ
09I231	300.0	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLORIDE-CL	188		MG/L	2.00	1.00	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLOROETHANE	0.34	J	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CIS-1,2-DICHLOROETHENE	3.9		UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1714	PCR	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I231	RSK175	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ETHANE	2.0	UJ	UG/L	2.0	0.60	AQ
09I231	RSK175	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ETHENE	0.89	J	UG/L	2.0	0.60	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	4500F	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I231	4500F	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I231	6010B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	IRON	49.7		MG/L	0.200	0.0400	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I231	6010B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	MANGANESE	1.73		MG/L	0.200	0.00300	AQ
09I231	RSK175	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	METHANE	34000		UG/L	2000	600	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	NITRATE-N	0.0520	J	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	NITRATE-N	0.0532	J	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	PROPIONATE	11.0		MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	PROPIONATE	11.0		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	SULFATE	1.89		MG/L	0.500	0.250	AQ
09I231	300.0	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	SULFATE	1.81		MG/L	0.500	0.250	AQ
09I231	2540C	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TDS	1290		MG/L	20.0	5.00	AQ
09I231	2540C	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	TDS	1280		MG/L	20.0	5.00	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	5310B	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	TOC	52.6		MG/L	2.00	1.00	AQ
09I231	5310B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TOC	53.3		MG/L	2.00	1.00	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	2320B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TOTAL ALKALINITY	695		MG/L	5.00	1.00	AQ
09I231	2320B	MW-70-PMW03A-09ADUP	MW-70-PMW03A	SABFS	09/16/2009 9:20	TOTAL ALKALINITY	702		MG/L	5.00	1.00	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TRANS-1,2-DICHLOROETHENE	0.34	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TRICHLOROETHENE	0.42	J	UG/L	5.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
S-1714	PCR	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	vcrA	4.00E+06		c/L	7.00E+03	1.0	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	VINYL CHLORIDE	9.9		UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09A	MW-70-PMW03A	SABFS	09/16/2009 9:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	2-BUTANONE	5.7	J	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I231	300.0M	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ACETATE	81.9		MG/L	5.00	2.50	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ACETONE	80		UG/L	10	5.0	AQ
09I231	6010B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ARSENIC	0.00707	J	MG/L	0.200	0.00500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	300.0	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BROMIDE	0.512		MG/L	0.500	0.250	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	BUTYRATE	1.89		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CARBON DISULFIDE	0.44	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I231	300.0	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLORIDE-CL	189		MG/L	2.00	1.00	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLOROETHANE	0.30	J	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CHLOROMETHANE	0.34	J	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CIS-1,2-DICHLOROETHENE	4.1		UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I231	RSK175	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I231	RSK175	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ETHENE	0.88	J	UG/L	2.0	0.60	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	4500F	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I231	6010B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	IRON	50.6		MG/L	0.200	0.0400	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I231	6010B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	MANGANESE	1.76		MG/L	0.200	0.00300	AQ
09I231	RSK175	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	METHANE	14000		UG/L	2000	600	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	NITRATE-N	0.0540	J	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	PROPIONATE	10.5		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	SULFATE	0.687		MG/L	0.500	0.250	AQ
09I231	2540C	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TDS	1240		MG/L	20.0	5.00	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	5310B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TOC	56.6		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	2320B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TOTAL ALKALINITY	699		MG/L	5.00	1.00	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TRANS-1,2-DICHLOROETHENE	0.33	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TRICHLOROETHENE	0.44	J	UG/L	5.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	VINYL CHLORIDE	11		UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW03A-09AD	MW-70-PMW03A	SABFS	09/16/2009 9:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09L289	8270C-SIM	MW-70-PMW03A-09X	MW-70-PMW03A	SABFS	12/16/2009 7:00	1,4-DIOXANE	1.4		UG/L	1.0	0.60	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C253	300.0M	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ACETATE	95.0		MG/L	5.00	2.50	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ACETONE	18		UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	300.0M	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	BUTYRATE	1.39		MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CARBON DISULFIDE	0.44	J	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CIS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	Dhc	9.00E+05		c/L	4.00E+03	1.0	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	RSK175	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C253	RSK175	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	RSK175	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	METHANE	26000		UG/L	2000	600	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	PROPIONATE	2.08		MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	5310B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TOC	56.5		MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TOLUENE	0.22	J	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TRANS-1,2-DICHLOROETHENE	0.44	J	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TRICHLOROETHENE	0.23	J	UG/L	5.0	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	VINYL CHLORIDE	3.6		UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03A-P10	MW-70-PMW03A	SABFS	03/18/2010 9:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	300.0M	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ACETATE	11.9		MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	6010B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BROMIDE	1.35		MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I043	300.0M	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CARBON DISULFIDE	0.25	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	300.0	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLORIDE-CL	211		MG/L	4.00	2.00	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CIS-1,2-DICHLOROETHENE	0.63	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	Dhc	4.00E+05		c/L	4.00E+03	1.0	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	RSK175	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I043	RSK175	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ETHENE	2.8		UG/L	2.0	0.60	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	4500F	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I043	6010B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	IRON	32.2		MG/L	0.200	0.0400	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	6010B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	MANGANESE	0.656		MG/L	0.200	0.00300	AQ
10I043	RSK175	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	METHANE	25000		UG/L	2000	600	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I043	300.0	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	SULFATE	0.538	J	MG/L	1.00	0.500	AQ
10I043	2540C	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TDS	1140		MG/L	20.0	5.00	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	5310B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TOC	15.6		MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TOLUENE	0.27	J	UG/L	1.0	0.20	AQ
10I043	2320B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TOTAL ALKALINITY	753		MG/L	5.00	1.00	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TRANS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TRICHLOROETHENE	0.48	J	UG/L	5.0	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	VINYL CHLORIDE	5.0		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03A-A10	MW-70-PMW03A	SABFS	09/02/2010 10:37	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1-DICHLOROETHENE	1.0		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ACETATE	0.533	J	MG/L	1.00	0.500	AQ
08H226	300.0M	MW-70-PMW03B-08ADUP	MW-70-PMW03B	SABFS	08/21/2008 12:40	ACETATE	0.532	J	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	6010B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BROMIDE	0.526		MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	MW-70-PMW03B-08ADUP	MW-70-PMW03B	SABFS	08/21/2008 12:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLORIDE-CL	191		MG/L	4.00	2.00	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CIS-1,2-DICHLOROETHENE	190		UG/L	25	5.0	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	4500F	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H226	6010B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	IRON	0.285		MG/L	0.200	0.0400	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	MW-70-PMW03B-08ADUP	MW-70-PMW03B	SABFS	08/21/2008 12:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	6010B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	MANGANESE	0.230		MG/L	0.200	0.00300	AQ
08H226	RSK175	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	METHANE	22		UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	300.0M	MW-70-PMW03B-08ADUP	MW-70-PMW03B	SABFS	08/21/2008 12:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	SULFATE	321		MG/L	10.0	5.00	AQ
08H226	2540C	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TDS	1130	J	MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	5310B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TOC	1.17	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TOTAL ALKALINITY	198		MG/L	5.00	1.00	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TRANS-1,2-DICHLOROETHENE	1.2		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TRICHLOROETHENE	110	J	UG/L	120	5.0	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	VINYL CHLORIDE	0.56		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-PMW03B-08A	MW-70-PMW03B	SABFS	08/21/2008 12:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1-DICHLOROETHANE	0.43	J	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1-DICHLOROETHENE	2.1		UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L191	300.0M	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ACETONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CIS-1,2-DICHLOROETHENE	460		UG/L	50	10	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L191	RSK175	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08L191	RSK175	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L191	RSK175	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	METHANE	15		UG/L	2.0	0.60	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	4500HB	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	PH	7.41		PH UNIT		0.1	AQ
08L191	4500HB	MW-70-PMW-03B-P1DUP	MW-70-PMW03B	SABFS	12/12/2008 8:40	PH	7.42		PH UNIT	0.1	0.1	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	300.0M	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TRANS-1,2-DICHLOROETHENE	3.4		UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TRICHLOROETHENE	21		UG/L	5.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	MW-70-PMW-03B-P1	MW-70-PMW03B	SABFS	12/12/2008 8:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1-DICHLOROETHANE	0.42	J	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1-DICHLOROETHENE	2.2		UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	300.0M	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ACETONE	6.3	J	UG/L	10	5.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CARBON DISULFIDE	0.52	J	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CIS-1,2-DICHLOROETHENE	620		UG/L	25	5.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1553	PCR	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	Dhc	3.00E+03	J	c/L	4.00E+03	1.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09C044	RSK175	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09C044	RSK175	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	RSK175	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	METHANE	4000		UG/L	2000	600	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	300.0M	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TRANS-1,2-DICHLOROETHENE	3.4		UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TRICHLOROETHENE	2.3	J	UG/L	5.0	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1553	PCR	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	VINYL CHLORIDE	0.67		UG/L	0.50	0.20	AQ
09C044	8260B	MW-70-PMW-03B-P4	MW-70-PMW03B	SABFS	03/04/2009 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1-DICHLOROETHENE	2.0		UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H310	300.0M	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ACETONE	10	U	UG/L	10	5.0	AQ
09H310	6010B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BROMIDE	0.648		MG/L	0.500	0.250	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	300.0M	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	300.0	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLORIDE-CL	189		MG/L	8.00	4.00	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CIS-1,2-DICHLOROETHENE	310		UG/L	25	5.0	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1688	PCR	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	Dhc	1.00E+03	J	c/L	4.00E+03	1.0	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H310	RSK175	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09H310	RSK175	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	4500F	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09H310	4500F	MW-70-PMW03B-09ADUP	MW-70-PMW03B	SABFS	08/26/2009 10:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09H310	6010B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	IRON	0.386		MG/L	0.200	0.0400	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0M	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H310	6010B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	MANGANESE	0.217		MG/L	0.200	0.00300	AQ
09H310	RSK175	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	METHANE	7800		UG/L	800	240	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H310	300.0	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0M	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	300.0	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	SULFATE	300		MG/L	20.0	10.0	AQ
09H310	2540C	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TDS	1120		MG/L	20.0	5.00	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	5310B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TOC	1.12		MG/L	1.00	0.500	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	2320B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TOTAL ALKALINITY	208		MG/L	5.00	1.00	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TRANS-1,2-DICHLOROETHENE	3.4		UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TRICHLOROETHENE	3.9	J	UG/L	5.0	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1688	PCR	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	VINYL CHLORIDE	3.0		UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-PMW03B-09A	MW-70-PMW03B	SABFS	08/26/2009 10:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H330	4500HB	MW-70-PMW03B-P8	MW-70-PMW03B	SABFS	08/27/2009 9:48	PH	7.63		PH UNIT	.1	0.1	AQ
09H330	4500HB	MW-70-PMW03B-P8DUP	MW-70-PMW03B	SABFS	08/27/2009 9:48	PH	7.64		PH UNIT	.1	0.1	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1-DICHLOROETHENE	1.9		UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C253	300.0M	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ACETATE	1.49		MG/L	1.00	0.500	AQ
10C253	300.0M	MW-70-PMW03B-P10DUP	MW-70-PMW03B	SABFS	03/18/2010 8:35	ACETATE	1.50		MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ACETONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	300.0M	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	300.0M	MW-70-PMW03B-P10DUP	MW-70-PMW03B	SABFS	03/18/2010 8:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CIS-1,2-DICHLOROETHENE	370		UG/L	100	20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	Dhc	2.00E+05		c/L	4.00E+03	1.0	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	RSK175	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C253	RSK175	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ETHENE	3.3		UG/L	2.0	0.60	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	300.0M	MW-70-PMW03B-P10DUP	MW-70-PMW03B	SABFS	03/18/2010 8:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C253	RSK175	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	METHANE	7400		UG/L	800	240	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	300.0M	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	300.0M	MW-70-PMW03B-P10DUP	MW-70-PMW03B	SABFS	03/18/2010 8:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	5310B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TOC	0.784	U	MG/L	1.00	0.500	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TRANS-1,2-DICHLOROETHENE	3.6		UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TRICHLOROETHENE	14		UG/L	5.0	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	VINYL CHLORIDE	13		UG/L	0.50	0.20	AQ
10C253	8260B	MW-70-PMW03B-P10	MW-70-PMW03B	SABFS	03/18/2010 8:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1-DICHLOROETHANE	0.61	J	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1-DICHLOROETHENE	2.5		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	300.0M	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	6010B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BROMIDE	0.349	J	MG/L	0.500	0.250	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I043	300.0M	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	300.0	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLORIDE-CL	230		MG/L	4.00	2.00	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CIS-1,2-DICHLOROETHENE	510		UG/L	50	10	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	Dhc	3.00E+05		c/L	4.00E+03	1.0	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	RSK175	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I043	RSK175	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ETHENE	3.0		UG/L	2.0	0.60	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	4500F	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I043	6010B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	IRON	0.525		MG/L	0.200	0.0400	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	6010B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	MANGANESE	0.284		MG/L	0.200	0.00300	AQ
10I043	RSK175	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	METHANE	7200		UG/L	800	240	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	300.0	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0M	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	300.0	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	SULFATE	349		MG/L	10.0	5.00	AQ
10I043	2540C	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TDS	1110		MG/L	20.0	5.00	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	5310B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TOC	1.03		MG/L	1.00	0.500	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	2320B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TOTAL ALKALINITY	212		MG/L	5.00	1.00	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TRANS-1,2-DICHLOROETHENE	4.4		UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TRICHLOROETHENE	9.8		UG/L	5.0	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	VINYL CHLORIDE	38		UG/L	0.50	0.20	AQ
10I043	8260B	MW-70-PMW03B-A10	MW-70-PMW03B	SABFS	09/02/2010 11:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1,2-TRICHLOROETHANE	0.52	J	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1-DICHLOROETHANE	3.0		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1-DICHLOROETHENE	3.6	J	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	2-BUTANONE	95		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ACETATE	2230		MG/L	400	200	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ACETONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	BUTYRATE	2140		MG/L	400	200	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CARBON DISULFIDE	1.2		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CHLOROFORM	9.8		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CIS-1,2-DICHLOROETHENE	1300		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	Dhc	5.00E+03	J	c/L	2.00E+04	1.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ETHANE	9.9		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ETHENE	85		UG/L	50	15	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ETHYLBENZENE	0.21	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	FREON113	1.5		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	LACTATE	4.00	U	MG/L	4.00	2.00	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	METHANE	1100		UG/L	100	30	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	METHYLENE CHLORIDE	4.1	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	O-XYLENE	0.23	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	PROPIONATE	1460		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TOC	4350		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TRANS-1,2-DICHLOROETHENE	46		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TRICHLOROETHENE	770		UG/L	250	10	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	VINYL CHLORIDE	260		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT03-P13	IW-70-SAT03	SATUF	09/30/2010 7:48	XYLENES (TOTAL)	0.23	J	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1,2-TRICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1-DICHLOROETHANE	3.0		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1-DICHLOROETHENE	2.9		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2-DICHLOROETHANE	0.41	J	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,2-DICHLOROPROPANE	0.24	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	2-BUTANONE	230		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	2-HEXANONE	25		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ACETATE	3850		MG/L	200	100	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ACETONE	460		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	BUTYRATE	1390		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CARBON DISULFIDE	1.5		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CHLOROFORM	11		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CIS-1,2-DICHLOROETHENE	1400		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	Dhc	6.00E+02	J	c/L	7.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ETHANE	6.0		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ETHENE	57		UG/L	20	6.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ETHYLBENZENE	0.28	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	FREON113	2.6		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	METHANE	240		UG/L	20	6.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	METHYLENE CHLORIDE	3.7	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	PROPIONATE	1680		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TETRACHLOROETHYLENE	0.26	J	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TOC	2910		MG/L	40.0	20.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TOLUENE	0.22	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TRANS-1,2-DICHLOROETHENE	22		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TRICHLOROETHENE	840		UG/L	250	10	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	vcrA	2.00E+03	J	c/L	7.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	VINYL CHLORIDE	250		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT16-P13	IW-70-SAT16	SATUF	09/29/2010 13:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1,2-TRICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1-DICHLOROETHANE	3.0		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1-DICHLOROETHENE	3.0		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2-DICHLOROETHANE	0.40	J	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,2-DICHLOROPROPANE	0.26	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	2-BUTANONE	250		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	2-HEXANONE	25		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ACETATE	3490		MG/L	200	100	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ACETONE	490		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	BUTYRATE	1390		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CARBON DISULFIDE	1.6		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CHLOROFORM	11		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CIS-1,2-DICHLOROETHENE	1200		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	Dhc	6.00E+02	J	c/L	7.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ETHANE	6.9		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ETHENE	59		UG/L	2.0	0.60	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ETHYLBENZENE	0.27	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	FREON113	2.5		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	METHANE	220		UG/L	20	6.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	METHYLENE CHLORIDE	3.8	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	PROPIONATE	1590		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TETRACHLOROETHYLENE	0.29	J	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TOC	2890		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TOLUENE	0.21	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TRANS-1,2-DICHLOROETHENE	22		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TRICHLOROETHENE	840		UG/L	250	10	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	vcrA	2.00E+03	J	c/L	7.00E+03	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	VINYL CHLORIDE	250		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT16-P13-D	IW-70-SAT16	SATUF	09/29/2010 13:17	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1,1,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1,1-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1,2,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1,2-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1-DICHLOROETHANE	4.2	J	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1-DICHLOROETHENE	10		UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,1-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2,3-TRICHLOROBENZENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2,3-TRICHLOROPROPANE	5.0	U	UG/L	5.0	2.5	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2,4-TRICHLOROBENZENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2,4-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CHLOROPROPANE	10	U	UG/L	10	2.5	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2-DIBROMOETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2-DICHLOROETHANE	2.5	U	UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,3,5-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,3-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	1,4-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	2,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	2-BUTANONE	150		UG/L	50	25	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	2-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	2-HEXANONE	38	J	UG/L	50	25	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	4-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	4-METHYL-2-PENTANONE	50	U	UG/L	50	25	AQ
10I666	300.0M	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ACETATE	4780		MG/L	400	200	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ACETONE	260		UG/L	50	25	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BROMOBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BROMODICHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BROMOFORM	5.0	U	UG/L	5.0	1.5	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BROMOMETHANE	10	U	UG/L	10	1.0	AQ
10I666	300.0M	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	BUTYRATE	1050		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CARBON DISULFIDE	6.9		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CARBON TETRACHLORIDE	2.5	U	UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CHLOROETHANE	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CHLOROFORM	8.1		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CHLOROMETHANE	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CIS-1,2-DICHLOROETHENE	4900		UG/L	250	50	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	CIS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
S-2008	PCR	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	DIBROMOCHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	DIBROMOMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	DICHLORODIFLUOROMETHANE	10	U	UG/L	10	1.5	AQ
10I666	RSK175	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ETHANE	5.1		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ETHENE	500	U	UG/L	500	150	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	FREON113	3.9	J	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	HEXACHLOROBUTADIENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	ISOPROPYL BENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	300.0M	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	LACTATE	4.00	U	MG/L	4.00	2.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	M/P-XYLENES	5.0	U	UG/L	5.0	2.5	AQ
10I666	RSK175	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	METHANE	2600		UG/L	500	150	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	METHYLENE CHLORIDE	6.5	U	UG/L	5.0	2.5	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	MTBE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	N-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	N-PROPYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	O-XYLENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	P-ISOPROPYLTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	300.0M	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	PROPIONATE	643		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	SEC-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	STYRENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TERT-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TETRACHLOROETHYLENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	5310B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TOC	3110		MG/L	40.0	20.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TRANS-1,2-DICHLOROETHENE	28		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TRANS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TRICHLOROETHENE	1400		UG/L	1200	50	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	TRICHLOROFLUOROMETHANE	10	U	UG/L	10	1.0	AQ
S-2008	PCR	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	VINYL CHLORIDE	350		UG/L	120	50	AQ
10I666	8260B	IW-70-SAT31-P13	IW-70-SAT31	SATUF	09/29/2010 10:15	XYLENES (TOTAL)	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1-DICHLOROETHENE	1.2		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2-DICHLOROETHANE	0.53		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	2-BUTANONE	56		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ACETATE	2830		MG/L	100	50.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ACETONE	290		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	300.0M	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	BUTYRATE	2.00	U	MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CARBON DISULFIDE	0.68	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CHLOROETHANE	2.3		UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CHLOROMETHANE	1.3	J	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CIS-1,2-DICHLOROETHENE	740		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	Dhc	4.00E+08		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ETHANE	0.89	J	UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ETHENE	1000	U	UG/L	1000	300	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	METHANE	12000		UG/L	1000	300	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	METHYLENE CHLORIDE	2.6	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	PROPIONATE	175		MG/L	20.0	10.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TOC	1220		MG/L	40.0	20.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TRANS-1,2-DICHLOROETHENE	11		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TRICHLOROETHENE	5.3		UG/L	5.0	0.20	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	vcrA	3.00E+08		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	VINYL CHLORIDE	1300		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT35-P13	IW-70-SAT35	SATUF	09/29/2010 8:37	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1,1,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1,1-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1,2,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1,2-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1-DICHLOROETHANE	5.0		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1-DICHLOROETHENE	22		UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,1-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2,3-TRICHLOROBENZENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2,3-TRICHLOROPROPANE	5.0	U	UG/L	5.0	2.5	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2,4-TRICHLOROBENZENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2,4-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CHLOROPROPANE	10	U	UG/L	10	2.5	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2-DIBROMOETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2-DICHLOROETHANE	2.5	U	UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,3,5-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,3-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	1,4-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	2,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	2-BUTANONE	79		UG/L	50	25	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	2-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	2-HEXANONE	50	U	UG/L	50	25	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	4-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	4-METHYL-2-PENTANONE	50	U	UG/L	50	25	AQ
10I666	300.0M	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ACETATE	4120		MG/L	200	100	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ACETONE	50	U	UG/L	50	25	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BROMOBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BROMODICHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BROMOFORM	5.0	U	UG/L	5.0	1.5	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BROMOMETHANE	10	U	UG/L	10	1.0	AQ
10I666	300.0M	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	BUTYRATE	277		MG/L	20.0	10.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CARBON DISULFIDE	5.5		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CARBON TETRACHLORIDE	2.5	U	UG/L	2.5	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CHLOROETHANE	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CHLOROFORM	26		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CHLOROMETHANE	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CIS-1,2-DICHLOROETHENE	7300		UG/L	500	100	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	CIS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
S-2008	PCR	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	Dhc	5.00E+05		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	DIBROMOCHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	DIBROMOMETHANE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	DICHLORODIFLUOROMETHANE	10	U	UG/L	10	1.5	AQ
10I666	RSK175	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ETHANE	3.7		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ETHENE	55		UG/L	20	6.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	FREON113	7.8		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	HEXACHLOROBUTADIENE	5.0	UJ	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	ISOPROPYL BENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	300.0M	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	LACTATE	4.00	U	MG/L	4.00	2.00	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	M/P-XYLENES	5.0	U	UG/L	5.0	2.5	AQ
10I666	RSK175	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	METHANE	170		UG/L	20	6.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	METHYLENE CHLORIDE	11		UG/L	5.0	2.5	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	MTBE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	N-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	N-PROPYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	O-XYLENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	P-ISOPROPYLTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	300.0M	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	PROPIONATE	717		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	SEC-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	STYRENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TERT-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TETRACHLOROETHYLENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	5310B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TOC	2180		MG/L	40.0	20.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TOLUENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TRANS-1,2-DICHLOROETHENE	28		UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TRANS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TRICHLOROETHENE	660	J	UG/L	25	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	TRICHLOROFLUOROMETHANE	10	U	UG/L	10	1.0	AQ
S-2008	PCR	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	vcrA	4.00E+04		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	VINYL CHLORIDE	530		UG/L	250	100	AQ
10I666	8260B	IW-70-SAT36-P13	IW-70-SAT36	SATUF	09/29/2010 9:09	XYLENES (TOTAL)	10	U	UG/L	10	1.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1,2-TRICHLOROETHANE	0.61	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1-DICHLOROETHANE	6.4		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2-DICHLOROETHANE	0.48	J	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,2-DICHLOROPROPANE	0.64	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	2-BUTANONE	25		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ACETATE	630		MG/L	50.0	25.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ACETONE	54		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	BUTYRATE	16.8		MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CARBON DISULFIDE	1.5		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CHLOROFORM	42		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CIS-1,2-DICHLOROETHENE	300		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	Dhc	1.00E+07		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ETHANE	6.2		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	RSK175	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ETHENE	46		UG/L	2.0	0.60	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	FREON113	0.80	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	LACTATE	3.19		MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	METHANE	11000		UG/L	800	240	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	METHYLENE CHLORIDE	3.7	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	PROPIONATE	45.4		MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TETRACHLOROETHYLENE	0.54	J	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TOC	258		MG/L	10.0	5.00	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TOLUENE	0.22	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TRANS-1,2-DICHLOROETHENE	14		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TRICHLOROETHENE	180	J	UG/L	5.0	0.20	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	vcrA	2.00E+07		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	VINYL CHLORIDE	370		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT45-P13	IW-70-SAT45	SATUF	09/29/2010 13:51	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1-DICHLOROETHANE	3.1		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1-DICHLOROETHENE	4.5		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2-DICHLOROETHANE	0.74		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,2-DICHLOROPROPANE	0.38	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	2-BUTANONE	90		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ACETATE	3490		MG/L	200	100	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ACETONE	150		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	BUTYRATE	374		MG/L	20.0	10.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CARBON DISULFIDE	0.36	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CHLOROETHANE	0.96	J	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CHLOROFORM	0.98	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CIS-1,2-DICHLOROETHENE	2300		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ETHANE	2.6		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ETHENE	1000	U	UG/L	1000	300	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	FREON113	1.2		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	LACTATE	2.00	U	MG/L	2.00	1.00	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	METHANE	10000		UG/L	1000	300	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	METHYLENE CHLORIDE	5.7	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	PROPIONATE	184		MG/L	10.0	5.00	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TOC	1590		MG/L	40.0	20.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TRANS-1,2-DICHLOROETHENE	11		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TRICHLOROETHENE	63		UG/L	5.0	0.20	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	vcrA	1.00E+07		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	VINYL CHLORIDE	200		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT46-P13	IW-70-SAT46	SATUF	09/29/2010 9:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1,2-TRICHLOROETHANE	0.55	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1-DICHLOROETHANE	11		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1-DICHLOROETHENE	1.8		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2,3-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2,4-TRICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2-DICHLOROETHANE	0.80		UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,2-DICHLOROPROPANE	0.95	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	2-BUTANONE	7.7	J	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	300.0M	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ACETATE	456		MG/L	40.0	20.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ACETONE	27		UG/L	10	5.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BENZENE	0.23	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	300.0M	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	BUTYRATE	11.5		MG/L	1.00	0.500	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CARBON DISULFIDE	0.67	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CHLOROETHANE	0.99	J	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CHLOROFORM	2.9		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CIS-1,2-DICHLOROETHENE	1400		UG/L	50	10	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2008	PCR	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	Dhc	4.00E+07		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	RSK175	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ETHANE	4.8		UG/L	2.0	0.60	AQ
10I666	RSK175	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ETHENE	31		UG/L	2.0	0.60	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	FREON113	0.85	J	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	300.0M	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	LACTATE	1.03		MG/L	1.00	0.500	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	RSK175	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	METHANE	7400		UG/L	1000	300	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	METHYLENE CHLORIDE	2.6	U	UG/L	1.0	0.50	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	300.0M	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	PROPIONATE	25.8		MG/L	1.00	0.500	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	5310B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TOC	205		MG/L	10.0	5.00	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TRANS-1,2-DICHLOROETHENE	13		UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TRICHLOROETHENE	130	J	UG/L	5.0	0.20	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2008	PCR	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	vcrA	5.00E+06		c/L	4.00E+03	1.0	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	VINYL CHLORIDE	330		UG/L	25	10	AQ
10I666	8260B	IW-70-SAT50-P13	IW-70-SAT50	SATUF	09/28/2010 14:22	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L347	8270C-SIM	MW-70-03-09X	MW-70-03	SATUF	12/22/2009 12:30	1,4-DIOXANE	45		UG/L	1.1	0.64	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1,1-TRICHLOROETHANE	2.7		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1,2-TRICHLOROETHANE	0.62	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1-DICHLOROETHANE	9.3		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1-DICHLOROETHENE	13		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2-DICHLOROETHANE	1.0		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,2-DICHLOROPROPANE	0.47	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ACETATE	0.548	J	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ACETONE	6.4	J	UG/L	10	5.0	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CARBON DISULFIDE	0.61	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLORIDE-CL	2390		MG/L	80.0	40.0	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLOROFORM	39		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CIS-1,2-DICHLOROETHENE	4600		UG/L	500	100	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	FREON113	41	J	UG/L	5.0	1.0	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	RSK175	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	METHANE	26		UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	METHYLENE CHLORIDE	1.2		UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	SULFATE	4540		MG/L	200	100	AQ
08H226	2540C	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TDS	11000	J	MG/L	20.0	5.00	AQ
08H226	2540C	MW-70-27-08ADUP	MW-70-27	SATUF	08/21/2008 13:55	TDS	11800		MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TETRACHLOROETHYLENE	8.0		UG/L	1.0	0.20	AQ
08H226	5310B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TOC	4.10		MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TOLUENE	0.28	J	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TOTAL ALKALINITY	720		MG/L	5.00	1.00	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TRANS-1,2-DICHLOROETHENE	35		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TRICHLOROETHENE	7100		UG/L	2500	100	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	VINYL CHLORIDE	32		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-27-08A	MW-70-27	SATUF	08/21/2008 13:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1,1-TRICHLOROETHANE	3.7		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1,2-TRICHLOROETHANE	0.42	J	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1-DICHLOROETHANE	8.0		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1-DICHLOROETHENE	18		UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2-DICHLOROETHANE	0.63		UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,2-DICHLOROPROPANE	0.42	J	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	300.0M	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ACETONE	6.6	J	UG/L	10	5.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BROMIDE	2.91		MG/L	0.500	0.250	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	300.0M	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CARBON DISULFIDE	14		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	300.0	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CHLORIDE-CL	1420		MG/L	20.0	10.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CHLOROFORM	17		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CIS-1,2-DICHLOROETHENE	6100		UG/L	100	20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	Dhc	7.00E+08		c/L	4.00E+03	1.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	RSK175	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ETHANE	4.0		UG/L	2.0	0.60	AQ
10I193	RSK175	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ETHENE	130		UG/L	20	6.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	FREON113	140		UG/L	100	20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0M	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	RSK175	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	METHANE	160		UG/L	20	6.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	NITRATE-N	0.0706	J	MG/L	0.200	0.0500	AQ
10I193	300.0	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0M	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	300.0	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	SULFATE	1360		MG/L	50.0	25.0	AQ
10I193	2540C	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TDS	5650		MG/L	20.0	5.00	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TETRACHLOROETHYLENE	1.7		UG/L	1.0	0.20	AQ
10I193	5310B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TOC	5.36		MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TOLUENE	0.21	J	UG/L	1.0	0.20	AQ
10I193	2320B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TOTAL ALKALINITY	1190		MG/L	5.00	1.00	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TRANS-1,2-DICHLOROETHENE	49		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TRICHLOROETHENE	1300		UG/L	500	20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	vcrA	3.00E+08		c/L	4.00E+03	1.0	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	VINYL CHLORIDE	3700		UG/L	50	20	AQ
10I193	8260B	MW-70-27-A10	MW-70-27	SATUF	09/13/2010 10:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1,1-TRICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1,2-TRICHLOROETHANE	0.43	J	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1-DICHLOROETHANE	2.7		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1-DICHLOROETHENE	6.2		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2-DICHLOROETHANE	0.27	J	UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	300.0M	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ACETATE	0.550	J	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BROMIDE	2.04		MG/L	0.500	0.250	AQ
08H226	300.0	MW-70-28-08ADUP	MW-70-28	SATUF	08/21/2008 14:23	BROMIDE	2.10		MG/L	0.500	0.250	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	300.0M	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	300.0	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLORIDE-CL	811		MG/L	20.0	10.0	AQ
08H226	300.0	MW-70-28-08ADUP	MW-70-28	SATUF	08/21/2008 14:23	CHLORIDE-CL	811		MG/L	20.0	10.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLOROFORM	3.9		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CIS-1,2-DICHLOROETHENE	530		UG/L	500	100	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	RSK175	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ETHANE	3.3		UG/L	2.0	0.60	AQ
08H226	RSK175	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ETHENE	0.60	J	UG/L	2.0	0.60	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	FREON113	35	J	UG/L	5.0	1.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	RSK175	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	METHANE	75		UG/L	10	3.0	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	NITRATE-N	0.396		MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-28-08ADUP	MW-70-28	SATUF	08/21/2008 14:23	NITRATE-N	0.398		MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	300.0	MW-70-28-08ADUP	MW-70-28	SATUF	08/21/2008 14:23	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0M	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	300.0	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	SULFATE	774		MG/L	50.0	25.0	AQ
08H226	300.0	MW-70-28-08ADUP	MW-70-28	SATUF	08/21/2008 14:23	SULFATE	777		MG/L	50.0	25.0	AQ
08H226	2540C	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TDS	3300	J	MG/L	20.0	5.00	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TETRACHLOROETHYLENE	4.7		UG/L	1.0	0.20	AQ
08H226	5310B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TOC	2.08	U	MG/L	1.00	0.500	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TOLUENE	0.20	J	UG/L	1.0	0.20	AQ
08H226	2320B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TOTAL ALKALINITY	348		MG/L	5.00	1.00	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TRANS-1,2-DICHLOROETHENE	13		UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TRICHLOROETHENE	10000		UG/L	2500	100	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	VINYL CHLORIDE	18		UG/L	0.50	0.20	AQ
08H226	8260B	MW-70-28-08A	MW-70-28	SATUF	08/21/2008 14:23	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1,2-TRICHLOROETHANE	0.24	J	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1-DICHLOROETHANE	7.1		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2-DICHLOROETHANE	0.30	J	UG/L	0.50	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,2-DICHLOROPROPANE	0.37	J	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	300.0M	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ACETATE	10.2		MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ACETONE	7.3	J	UG/L	10	5.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BROMIDE	2.51		MG/L	0.500	0.250	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	300.0M	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CARBON DISULFIDE	5.5		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	300.0	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLORIDE-CL	1370		MG/L	20.0	10.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLOROFORM	20		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CIS-1,2-DICHLOROETHENE	11		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	Dhc	2.00E+08		c/L	4.00E+03	1.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	RSK175	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ETHANE	7.5		UG/L	2.0	0.60	AQ
10I193	RSK175	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ETHENE	870		UG/L	50	15	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	FREON113	2.0		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0M	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	RSK175	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	METHANE	340		UG/L	50	15	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	METHYLENE CHLORIDE	1.3	U	UG/L	1.0	0.50	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I193	300.0	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	300.0M	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	300.0	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	SULFATE	336		MG/L	50.0	25.0	AQ
10I193	2540C	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TDS	4060		MG/L	20.0	5.00	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TETRACHLOROETHYLENE	0.30	J	UG/L	1.0	0.20	AQ
10I193	5310B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TOC	11.6		MG/L	1.00	0.500	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	2320B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TOTAL ALKALINITY	1260		MG/L	5.00	1.00	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TRANS-1,2-DICHLOROETHENE	21		UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TRICHLOROETHENE	12		UG/L	5.0	0.20	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	vcrA	3.00E+08		c/L	4.00E+03	1.0	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	VINYL CHLORIDE	230		UG/L	25	10	AQ
10I193	8260B	MW-70-28-A10	MW-70-28	SATUF	09/13/2010 9:37	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROETHENE	1.3		UG/L	0.50	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROETHENE	1.3		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROFORM	5.5		UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROFORM	6.1		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CIS-1,2-DICHLOROETHENE	38		UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CIS-1,2-DICHLOROETHENE	40		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	RSK175	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H208	RSK175	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H208	RSK175	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H208	RSK175	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	FREON113	0.59	J	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	FREON113	0.60	J	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	RSK175	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	METHANE	31		UG/L	2.0	0.60	AQ
08H208	RSK175	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	METHANE	30		UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRANS-1,2-DICHLOROETHENE	27		UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRANS-1,2-DICHLOROETHENE	28		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRICHLOROETHENE	1400		UG/L	500	20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRICHLOROETHENE	1500		UG/L	500	20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	VINYL CHLORIDE	0.38	J	UG/L	0.50	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	VINYL CHLORIDE	0.39	J	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA01-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	DUP1-08A	MW-70-MNA01	SATUF	08/20/2008 12:49	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1,2-TRICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1-DICHLOROETHANE	0.96	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1-DICHLOROETHENE	3.2		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CHLOROFORM	7.2		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CIS-1,2-DICHLOROETHENE	490		UG/L	50	10	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	Dhc	3.00E+05		c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	RSK175	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I343	RSK175	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	ETHENE	12		UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	FREON113	3.4		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	RSK175	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	METHANE	26		UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TETRACHLOROETHYLENE	0.66	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TRANS-1,2-DICHLOROETHENE	49		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TRICHLOROETHENE	2200		UG/L	250	10	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	vcrA	2.00E+05		c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	VINYL CHLORIDE	300		UG/L	25	10	AQ
10I343	8260B	MW-70-MNA01-A10	MW-70-MNA01	SATUF	09/22/2010 8:44	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1,2-TRICHLOROETHANE	0.47	J	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1-DICHLOROETHANE	24		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1-DICHLOROETHENE	0.68		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2-DICHLOROETHANE	1.8		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,2-DICHLOROPROPANE	1.6		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CHLOROFORM	0.52	J	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CIS-1,2-DICHLOROETHENE	31		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	RSK175	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	ETHANE	5.9		UG/L	2.0	0.60	AQ
08H208	RSK175	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	FREON113	2.9		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	RSK175	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	METHANE	87		UG/L	10	3.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TETRACHLOROETHYLENE	0.21	J	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TRANS-1,2-DICHLOROETHENE	1.5		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TRICHLOROETHENE	46		UG/L	5.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	TRICHLOROFLUOROMETHANE	0.25	J	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	VINYL CHLORIDE	7.1		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-MNA02-08A	MW-70-MNA02	SATUF	08/20/2008 14:01	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1-DICHLOROETHANE	10		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1-DICHLOROETHENE	0.63		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2-DICHLOROETHANE	0.64		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,2-DICHLOROPROPANE	0.58	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CHLOROFORM	0.21	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CIS-1,2-DICHLOROETHENE	45		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	ETHANE	2.3		UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	FREON113	3.1		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	METHANE	87		UG/L	10	3.0	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TRANS-1,2-DICHLOROETHENE	1.9		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TRICHLOROETHENE	35	J	UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	VINYL CHLORIDE	4.5		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA02-A10	MW-70-MNA02	SATUF	09/10/2010 9:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1-DICHLOROETHANE	40		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2-DICHLOROETHANE	8.5		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,2-DICHLOROPROPANE	3.5		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CIS-1,2-DICHLOROETHENE	2.8		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H260	RSK175	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	ETHANE	0.65	J	UG/L	2.0	0.60	AQ
08H260	RSK175	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	ETHENE	0.64	J	UG/L	2.0	0.60	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	RSK175	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	METHANE	70		UG/L	10	3.0	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TETRACHLOROETHYLENE	0.39	J	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TRANS-1,2-DICHLOROETHENE	0.21	J	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TRICHLOROETHENE	1.3	J	UG/L	5.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA03-08A	MW-70-MNA03	SATUF	08/25/2008 10:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1-DICHLOROETHANE	25		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2-DICHLOROETHANE	5.5		UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,2-DICHLOROPROPANE	4.3		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	ACETONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CIS-1,2-DICHLOROETHENE	4.2		UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	RSK175	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I091	RSK175	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	RSK175	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	METHANE	94		UG/L	10	3.0	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TETRACHLOROETHYLENE	0.22	J	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TRANS-1,2-DICHLOROETHENE	0.27	J	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TRICHLOROETHENE	0.85	J	UG/L	5.0	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	VINYL CHLORIDE	0.35	J	UG/L	0.50	0.20	AQ
10I091	8260B	MW-70-MNA03-A10	MW-70-MNA03	SATUF	09/08/2010 13:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1-DICHLOROETHANE	5.0		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1-DICHLOROETHENE	1.9		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2-DICHLOROETHANE	0.75		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,2-DICHLOROPROPANE	0.34	J	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CHLOROFORM	0.68	J	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CIS-1,2-DICHLOROETHENE	270		UG/L	10	2.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H260	RSK175	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	ETHANE	19		UG/L	2.0	0.60	AQ
08H260	RSK175	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	FREON113	7.5		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	RSK175	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	METHANE	190		UG/L	20	6.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	MTBE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TETRACHLOROETHYLENE	2.0		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TRANS-1,2-DICHLOROETHENE	17		UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TRICHLOROETHENE	250		UG/L	50	2.0	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	VINYL CHLORIDE	1.8		UG/L	0.50	0.20	AQ
08H260	8260B	MW-70-MNA04-08A	MW-70-MNA04	SATUF	08/25/2008 10:38	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1-DICHLOROETHANE	7.7		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1-DICHLOROETHENE	3.0		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2-DICHLOROETHANE	1.4		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,2-DICHLOROPROPANE	0.61	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CHLOROFORM	0.29	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CIS-1,2-DICHLOROETHENE	170		UG/L	100	20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	ETHANE	20		UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	FREON113	1.3		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	RSK175	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	METHANE	170		UG/L	40	12	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TETRACHLOROETHYLENE	3.8		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TRANS-1,2-DICHLOROETHENE	7.3		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TRICHLOROETHENE	190	J	UG/L	500	20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	VINYL CHLORIDE	0.90		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-MNA04-A10	MW-70-MNA04	SATUF	09/10/2010 10:49	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1,2-TRICHLOROETHANE	1.2		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1-DICHLOROETHANE	10		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1-DICHLOROETHENE	16		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2-DICHLOROETHANE	0.25	J	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	300.0M	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ACETATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ACETONE	8.6	J	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BENZENE	0.46	J	UG/L	1.0	0.20	AQ
08H208	300.0	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BROMIDE	2.19		MG/L	0.500	0.250	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	300.0M	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	300.0	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLORIDE-CL	20.0	U	MG/L	20.0	10.0	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLOROFORM	8.5		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CIS-1,2-DICHLOROETHENE	1300		UG/L	250	50	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	RSK175	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ETHANE	18		UG/L	2.0	0.60	AQ
08H208	RSK175	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ETHENE	1.9	J	UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	FREON113	21		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0M	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	RSK175	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	METHANE	450		UG/L	40	12	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H208	300.0	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0M	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	SULFATE	1840		MG/L	50.0	25.0	AQ
08H208	2540C	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TDS	5150		MG/L	20.0	5.00	AQ
08H208	2540C	MW-70-PMW01A-08ADUP	MW-70-PMW01A	SATUF	08/20/2008 11:57	TDS	5240		MG/L	20.0	5.00	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TETRACHLOROETHYLENE	9.5		UG/L	1.0	0.20	AQ
08H208	5310B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TOC	2.72	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	2320B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TOTAL ALKALINITY	650		MG/L	5.00	1.00	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TRANS-1,2-DICHLOROETHENE	44		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TRICHLOROETHENE	11000		UG/L	1200	50	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	TRICHLOROFLUOROMETHANE	0.26	J	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	VINYL CHLORIDE	25		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01A-08A	MW-70-PMW01A	SATUF	08/20/2008 11:57	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1,1-TRICHLOROETHANE	0.47	J	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1,2-TRICHLOROETHANE	1.1		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1-DICHLOROETHANE	5.4		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1-DICHLOROETHENE	5.2		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2-DICHLOROETHANE	0.73		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	2-BUTANONE	68		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ACETATE	832		MG/L	50.0	25.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ACETONE	53		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BROMIDE	2.80		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	BUTYRATE	57.3		MG/L	4.00	2.00	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CARBON DISULFIDE	4.7		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLORIDE-CL	1270		MG/L	20.0	10.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLOROFORM	20		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CIS-1,2-DICHLOROETHENE	4200		UG/L	100	20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ETHANE	6.1		UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ETHENE	31		UG/L	2.0	0.60	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	FREON113	9.0		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	RSK175	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	METHANE	94		UG/L	10	3.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	METHYLENE CHLORIDE	7.2		UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	300.0	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	PROPIONATE	546		MG/L	50.0	25.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	SULFATE	34.7		MG/L	1.00	0.500	AQ
10I066	2540C	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TDS	4650		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TETRACHLOROETHYLENE	1.1		UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TOC	910		MG/L	40.0	20.0	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TOTAL ALKALINITY	1130		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TRANS-1,2-DICHLOROETHENE	28		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TRICHLOROETHENE	1800		UG/L	500	20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	TRICHLOROFLUOROMETHANE	0.23	J	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	VINYL CHLORIDE	250		UG/L	50	20	AQ
10I066	8260B	MW-70-PMW01A-A10	MW-70-PMW01A	SATUF	09/03/2010 10:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1,1-TRICHLOROETHANE	0.53	J	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1,2-TRICHLOROETHANE	1.1		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1-DICHLOROETHANE	5.5		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1-DICHLOROETHENE	5.1		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2-DICHLOROETHANE	0.78		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	2-BUTANONE	58		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ACETATE	845		MG/L	50.0	25.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ACETONE	47		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BROMIDE	2.54		MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	BUTYRATE	53.6		MG/L	4.00	2.00	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CARBON DISULFIDE	3.2		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLORIDE-CL	1270		MG/L	20.0	10.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLOROFORM	20		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CIS-1,2-DICHLOROETHENE	4400		UG/L	100	20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ETHANE	6.0		UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ETHENE	28		UG/L	2.0	0.60	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	FREON113	9.1		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	RSK175	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	METHANE	88		UG/L	10	3.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	METHYLENE CHLORIDE	7.0		UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	300.0	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	PROPIONATE	565		MG/L	50.0	25.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	SULFATE	34.8		MG/L	1.00	0.500	AQ
10I066	2540C	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TDS	4200		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TETRACHLOROETHYLENE	1.1		UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TOC	915		MG/L	40.0	20.0	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TOTAL ALKALINITY	1120		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TRANS-1,2-DICHLOROETHENE	28		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TRICHLOROETHENE	1800		UG/L	500	20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	TRICHLOROFLUOROMETHANE	0.22	J	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	VINYL CHLORIDE	260		UG/L	50	20	AQ
10I066	8260B	MW-70-PMW01A-A10-D	MW-70-PMW01A	SATUF	09/03/2010 10:13	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1,1-TRICHLOROETHANE	3.5		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1-DICHLOROETHENE	6.6		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	300.0M	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ACETONE	24	J	UG/L	10	5.0	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BROMIDE	1.14		MG/L	0.500	0.250	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	300.0M	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	300.0	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLORIDE-CL	10.0	U	MG/L	10.0	5.00	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLOROFORM	6.5		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CIS-1,2-DICHLOROETHENE	33		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	RSK175	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H208	RSK175	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	FREON113	130		UG/L	10	2.0	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0M	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	RSK175	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	METHANE	2.4		UG/L	2.0	0.60	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	300.0	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	NITRATE-N	5.44		MG/L	0.200	0.0500	AQ
08H208	300.0	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0M	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	300.0	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	SULFATE	746		MG/L	25.0	12.5	AQ
08H208	2540C	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TDS	2420		MG/L	20.0	5.00	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TETRACHLOROETHYLENE	3.0		UG/L	1.0	0.20	AQ
08H208	5310B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TOC	1.60	U	MG/L	1.00	0.500	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	2320B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TOTAL ALKALINITY	320		MG/L	5.00	1.00	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TRANS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TRICHLOROETHENE	8500		UG/L	2500	100	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	VINYL CHLORIDE	0.51		UG/L	0.50	0.20	AQ
08H208	8260B	MW-70-PMW01B-08A	MW-70-PMW01B	SATUF	08/20/2008 10:14	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1,1-TRICHLOROETHANE	0.32	J	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1,2-TRICHLOROETHANE	1.0		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1-DICHLOROETHANE	4.8		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1-DICHLOROETHENE	23		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2-DICHLOROETHANE	0.70		UG/L	0.50	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,2-DICHLOROPROPANE	0.28	J	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	2-BUTANONE	13		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	300.0M	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ACETATE	121		MG/L	10.0	5.00	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ACETONE	19		UG/L	10	5.0	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BROMIDE	2.46		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	300.0M	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	BUTYRATE	3.77		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CARBON DISULFIDE	3.4		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	300.0	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLORIDE-CL	1630		MG/L	20.0	10.0	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLOROETHANE	0.78	J	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLOROFORM	26		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CIS-1,2-DICHLOROETHENE	4900		UG/L	100	20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	RSK175	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ETHANE	16		UG/L	2.0	0.60	AQ
10I066	RSK175	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ETHENE	990		UG/L	200	60	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	FREON113	15		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	RSK175	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	METHANE	3000		UG/L	200	60	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	METHYLENE CHLORIDE	3.4		UG/L	1.0	0.50	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	300.0	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0M	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	PROPIONATE	9.32		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	300.0	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	SULFATE	298		MG/L	50.0	25.0	AQ
10I066	2540C	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TDS	4800		MG/L	20.0	5.00	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TETRACHLOROETHYLENE	0.48	J	UG/L	1.0	0.20	AQ
10I066	5310B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TOC	67.5		MG/L	1.00	0.500	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TOLUENE	0.37	J	UG/L	1.0	0.20	AQ
10I066	2320B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TOTAL ALKALINITY	1450		MG/L	5.00	1.00	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TRANS-1,2-DICHLOROETHENE	86		UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TRICHLOROETHENE	900		UG/L	500	20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	VINYL CHLORIDE	3000		UG/L	50	20	AQ
10I066	8260B	MW-70-PMW01B-A10	MW-70-PMW01B	SATUF	09/03/2010 10:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1,1,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1,1-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1,2,2-TETRACHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1,2-TRICHLOROETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1-DICHLOROETHANE	2.1	J	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1-DICHLOROETHENE	6.0		UG/L	2.5	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,1-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2,3-TRICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2,3-TRICHLOROPROPANE	5.0	U	UG/L	5.0	2.5	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2,4-TRICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2,4-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLOROPROPANE	10	U	UG/L	10	2.5	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2-DIBROMOETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2-DICHLOROETHANE	2.5	U	UG/L	2.5	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,3,5-TRIMETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,3-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	1,4-DICHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	2,2-DICHLOROPROPANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	2-BUTANONE	50	UJ	UG/L	50	25	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	2-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	2-HEXANONE	50	U	UG/L	50	25	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	4-CHLOROTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	4-METHYL-2-PENTANONE	50	U	UG/L	50	25	AQ
08H295	300.0M	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ACETONE	50	UJ	UG/L	50	25	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	300.0	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BROMOBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BROMODICHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BROMOFORM	5.0	U	UG/L	5.0	1.5	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BROMOMETHANE	10	U	UG/L	10	1.0	AQ
08H295	300.0M	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CARBON DISULFIDE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CARBON TETRACHLORIDE	2.5	U	UG/L	2.5	1.0	AQ
08H295	300.0	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLORIDE-CL	352		MG/L	4.00	2.00	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLOROBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLOROETHANE	10	U	UG/L	10	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLOROFORM	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CHLOROMETHANE	10	U	UG/L	10	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CIS-1,2-DICHLOROETHENE	270		UG/L	250	50	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	CIS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	DIBROMOCHLOROMETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	DIBROMOMETHANE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	DICHLORODIFLUOROMETHANE	10	UJ	UG/L	10	1.5	AQ
08H295	RSK175	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ETHANE	0.65	J	UG/L	2.0	0.60	AQ
08H295	RSK175	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ETHYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	FREON113	5.0	UJ	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	HEXACHLOROBUTADIENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	ISOPROPYL BENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	300.0M	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	M/P-XYLENES	5.0	U	UG/L	5.0	2.5	AQ
08H295	RSK175	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	METHANE	18		UG/L	2.0	0.60	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	METHYLENE CHLORIDE	5.0	U	UG/L	5.0	2.5	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	MTBE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	N-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	300.0	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	N-PROPYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	O-XYLENE	5.0	U	UG/L	5.0	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	P-ISOPROPYLTOLUENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	300.0M	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	SEC-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	STYRENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	300.0	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	SULFATE	415		MG/L	10.0	5.00	AQ
08H295	2540C	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TDS	1520		MG/L	20.0	5.00	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TERT-BUTYLBENZENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TETRACHLOROETHYLENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	5310B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TOC	1.03		MG/L	1.00	0.500	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TOLUENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	2320B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TOTAL ALKALINITY	198		MG/L	5.00	1.00	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TRANS-1,2-DICHLOROETHENE	6.9		UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TRANS-1,3-DICHLOROPROPENE	5.0	U	UG/L	5.0	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TRICHLOROETHENE	4300		UG/L	1200	50	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	TRICHLOROFLUOROMETHANE	10	U	UG/L	10	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	VINYL CHLORIDE	4.4		UG/L	2.5	1.0	AQ
08H295	8260B	IW-70-SHB113-08A	IW-70-SHB113	SHB1	08/27/2008 13:35	XYLENES (TOTAL)	10	U	UG/L	10	1.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	2-BUTANONE	9.6	J	UG/L	10	5.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ACETATE	248		MG/L	10.0	5.00	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ACETONE	27		UG/L	10	5.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	BUTYRATE	5.89		MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CARBON DISULFIDE	3.1		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CHLOROETHANE	1.2	J	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CIS-1,2-DICHLOROETHENE	0.66	J	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	Dhc	3.00E+09		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ETHANE	1.3	J	UG/L	2.0	0.60	AQ
10G020	RSK175	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ETHENE	120		UG/L	4.0	1.2	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	METHANE	23000		UG/L	2000	600	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	PROPIONATE	39.1		MG/L	2.00	1.00	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TOC	140		MG/L	10.0	5.00	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TOLUENE	0.21	J	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TRANS-1,2-DICHLOROETHENE	9.2		UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TRICHLOROETHENE	0.52	J	UG/L	5.0	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	vcrA	2.00E+09		c/L	4.00E+03	1.0	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	VINYL CHLORIDE	26		UG/L	0.50	0.20	AQ
10G020	8260B	IW-70-SHB113-P12	IW-70-SHB113	SHB1	07/01/2010 9:22	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ACETATE	208		MG/L	10.0	5.00	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ACETONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BROMIDE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	BUTYRATE	2.28		MG/L	1.00	0.500	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CARBON DISULFIDE	1.2		UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLORIDE-CL	350		MG/L	4.00	2.00	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLOROETHANE	0.47	J	UG/L	2.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CIS-1,2-DICHLOROETHENE	2.5		UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	Dhc	1.00E+08		c/L	4.00E+03	1.0	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I246	RSK175	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ETHENE	29	UJ	UG/L	2.0	0.60	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	RSK175	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	METHANE	23000		UG/L	2000	600	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10I246	300.0	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	PROPIONATE	21.0		MG/L	1.00	0.500	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	SULFATE	10.0	U	MG/L	10.0	5.00	AQ
10I246	2540C	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TDS	1570		MG/L	20.0	5.00	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	5310B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TOC	110		MG/L	4.00	2.00	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TOTAL ALKALINITY	748		MG/L	5.00	1.00	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TRANS-1,2-DICHLOROETHENE	5.5		UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TRICHLOROETHENE	4.1	J	UG/L	5.0	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	vcrA	9.00E+07		c/L	4.00E+03	1.0	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	VINYL CHLORIDE	3.3		UG/L	0.50	0.20	AQ
10I246	8260B	IW-70-SHB113-A10	IW-70-SHB113	SHB1	09/15/2010 10:41	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1-DICHLOROETHANE	0.51	J	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1-DICHLOROETHENE	2.0		UG/L	0.50	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CARBON DISULFIDE	1.4		UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CIS-1,2-DICHLOROETHENE	180		UG/L	50	10	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	ETHENE	3.0		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	RSK175	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	METHANE	12		UG/L	2.0	0.60	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TRANS-1,2-DICHLOROETHENE	48		UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TRICHLOROETHENE	680		UG/L	250	10	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	VINYL CHLORIDE	1.2		UG/L	0.50	0.20	AQ
08H330	8260B	IW-70-SHB217-08A	IW-70-SHB217	SHB1	08/29/2008 10:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1-DICHLOROETHANE	0.82	J	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1-DICHLOROETHENE	5.5		UG/L	0.50	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CIS-1,2-DICHLOROETHENE	1000		UG/L	50	10	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I370	RSK175	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	ETHENE	2.3		UG/L	2.0	0.60	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	RSK175	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	METHANE	110		UG/L	10	3.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TRANS-1,2-DICHLOROETHENE	120		UG/L	50	10	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TRICHLOROETHENE	45		UG/L	5.0	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	VINYL CHLORIDE	3.2		UG/L	0.50	0.20	AQ
10I370	8260B	IW-70-SHB217-A10	IW-70-SHB217	SHB1	09/23/2010 10:24	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1-DICHLOROETHENE	0.47	J	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CIS-1,2-DICHLOROETHENE	25		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	ETHENE	0.76	J	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	RSK175	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	METHANE	22		UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TRANS-1,2-DICHLOROETHENE	0.90	J	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TRICHLOROETHENE	44		UG/L	5.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-MNA13-08A	MW-70-MNA13	SHB1	08/27/2008 11:33	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1-DICHLOROETHENE	0.72		UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CIS-1,2-DICHLOROETHENE	41		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	RSK175	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	METHANE	990		UG/L	100	30	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TRANS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TRICHLOROETHENE	34		UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	VINYL CHLORIDE	0.22	J	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA13-A10	MW-70-MNA13	SHB1	09/24/2010 11:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1-DICHLOROETHANE	0.61	J	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1-DICHLOROETHENE	1.4		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	6010B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ARSENIC	0.00531	J	MG/L	0.200	0.00500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BROMIDE	0.301	J	MG/L	0.500	0.250	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLORIDE-CL	190		MG/L	2.00	1.00	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CIS-1,2-DICHLOROETHENE	130		UG/L	100	20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ETHENE	0.97	J	UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	4500F	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H295	6010B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	IRON	0.201		MG/L	0.200	0.0400	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	6010B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	MANGANESE	0.170	J	MG/L	0.200	0.00300	AQ
08H295	RSK175	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	METHANE	280		UG/L	20	6.0	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	SULFATE	198		MG/L	5.00	2.50	AQ
08H295	2540C	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TDS	860		MG/L	20.0	5.00	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TOC	0.970	J	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TOTAL ALKALINITY	170		MG/L	5.00	1.00	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TRANS-1,2-DICHLOROETHENE	3.1		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TRICHLOROETHENE	510		UG/L	500	20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW09-08A	MW-70-PMW09	SHB1	08/27/2008 10:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1-DICHLOROETHANE	0.62	J	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1-DICHLOROETHENE	1.6		UG/L	0.50	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	6010B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ARSENIC	0.00614	J	MG/L	0.200	0.00500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BROMIDE	0.316	J	MG/L	0.500	0.250	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLORIDE-CL	197		MG/L	2.00	1.00	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CIS-1,2-DICHLOROETHENE	130		UG/L	100	20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ETHENE	1.0	J	UG/L	2.0	0.60	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	4500F	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H295	6010B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	IRON	0.223		MG/L	0.200	0.0400	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	6010B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	MANGANESE	0.170	J	MG/L	0.200	0.00300	AQ
08H295	RSK175	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	METHANE	260		UG/L	20	6.0	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	NITRATE-N	0.0608	J	MG/L	0.200	0.0500	AQ
08H295	300.0	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	SULFATE	209		MG/L	5.00	2.50	AQ
08H295	2540C	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TDS	920		MG/L	20.0	5.00	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TOC	0.882	J	MG/L	1.00	0.500	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TOTAL ALKALINITY	180		MG/L	5.00	1.00	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TRANS-1,2-DICHLOROETHENE	3.2		UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TRICHLOROETHENE	540		UG/L	500	20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	VINYL CHLORIDE	1.7		UG/L	0.50	0.20	AQ
08H295	8260B	DUP-5-08A	MW-70-PMW09	SHB1	08/27/2008 10:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1-DICHLOROETHANE	0.85	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1-DICHLOROETHENE	4.9		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ACETONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CARBON DISULFIDE	0.50	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CIS-1,2-DICHLOROETHENE	1300		UG/L	100	20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ETHENE	1.5	J	UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	METHANE	22		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TOC	0.943	J	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TRANS-1,2-DICHLOROETHENE	14		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TRICHLOROETHENE	7.8		UG/L	5.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	VINYL CHLORIDE	2.9		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW09-P12	MW-70-PMW09	SHB1	07/01/2010 8:51	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1-DICHLOROETHANE	0.72	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1-DICHLOROETHENE	5.1		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	300.0M	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ACETONE	10	UJ	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMIDE	0.786		MG/L	0.500	0.250	AQ
10I246	300.0	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMIDE	0.810		MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	300.0M	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CARBON DISULFIDE	0.23	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLORIDE-CL	196		MG/L	4.00	2.00	AQ
10I246	300.0	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLORIDE-CL	196		MG/L	4.00	2.00	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CIS-1,2-DICHLOROETHENE	1100	J	UG/L	100	20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ETHENE	1.1	J	UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	4500F	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	IRON	0.433		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	300.0M	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	M/P-XYLENES	1.0	UJ	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	MANGANESE	0.155	J	MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	METHANE	23		UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	300.0M	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	SULFATE	188		MG/L	10.0	5.00	AQ
10I246	300.0	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	SULFATE	189		MG/L	10.0	5.00	AQ
10I246	2540C	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	TDS	825		MG/L	20.0	5.00	AQ
10I246	2540C	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TDS	840		MG/L	20.0	5.00	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TOC	1.05		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TOTAL ALKALINITY	177		MG/L	5.00	1.00	AQ
10I246	2320B	MW-70-PMW09-A10DUP	MW-70-PMW09	SHB1	09/15/2010 11:50	TOTAL ALKALINITY	178		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TRANS-1,2-DICHLOROETHENE	14	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TRICHLOROETHENE	8.1		UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	VINYL CHLORIDE	2.1		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW09-A10	MW-70-PMW09	SHB1	09/15/2010 11:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1-DICHLOROETHANE	1.8		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1-DICHLOROETHENE	4.0		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	300.0M	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	6010B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ARSENIC	0.00582	J	MG/L	0.200	0.00500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BROMIDE	0.500	U	MG/L	0.500	0.250	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	300.0M	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	300.0	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLORIDE-CL	351		MG/L	4.00	2.00	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CIS-1,2-DICHLOROETHENE	250		UG/L	100	20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	RSK175	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H295	RSK175	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ETHENE	2.0		UG/L	2.0	0.60	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	4500F	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H295	6010B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	IRON	0.401		MG/L	0.200	0.0400	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	6010B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	MANGANESE	0.303		MG/L	0.200	0.00300	AQ
08H295	RSK175	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	METHANE	460		UG/L	40	12	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	300.0	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0M	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	300.0	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	SULFATE	405		MG/L	10.0	5.00	AQ
08H295	2540C	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TDS	1550		MG/L	20.0	5.00	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	5310B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TOC	1.38		MG/L	1.00	0.500	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	2320B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TOTAL ALKALINITY	193		MG/L	5.00	1.00	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TRANS-1,2-DICHLOROETHENE	5.3		UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TRICHLOROETHENE	2200		UG/L	500	20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	VINYL CHLORIDE	4.3		UG/L	0.50	0.20	AQ
08H295	8260B	MW-70-PMW10-08A	MW-70-PMW10	SHB1	08/27/2008 11:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1-DICHLOROETHANE	2.1		UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1-DICHLOROETHENE	7.7		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	300.0M	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ACETATE	3.42		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ACETONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	300.0M	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CARBON DISULFIDE	0.58	J	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CIS-1,2-DICHLOROETHENE	980		UG/L	50	10	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1942	PCR	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	Dhc	6.00E+02	J	c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	RSK175	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ETHANE	0.79	J	UG/L	2.0	0.60	AQ
10G020	RSK175	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ETHENE	1.4	J	UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	RSK175	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	METHANE	27		UG/L	2.0	0.60	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	300.0M	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	5310B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TOC	1.20		MG/L	1.00	0.500	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TRANS-1,2-DICHLOROETHENE	120		UG/L	50	10	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TRICHLOROETHENE	2200		UG/L	250	10	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1942	PCR	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	vcrA	2.00E+03	J	c/L	4.00E+03	1.0	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	VINYL CHLORIDE	5.1		UG/L	0.50	0.20	AQ
10G020	8260B	MW-70-PMW10-P12	MW-70-PMW10	SHB1	07/01/2010 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1-DICHLOROETHANE	1.8		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1-DICHLOROETHENE	12		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,3-DICHLOROBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ACETONE	10	UJ	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BROMIDE	0.460	J	MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CARBON DISULFIDE	0.26	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	300.0	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLORIDE-CL	321		MG/L	4.00	2.00	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CIS-1,2-DICHLOROETHENE	2200		UG/L	100	20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	Dhc	4.00E+02	J	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ETHANE	0.81	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ETHENE	1.2	J	UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	IRON	0.505		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	MANGANESE	0.263		MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	METHANE	25	UJ	UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	METHYLENE CHLORIDE	1.0	UJ	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	SULFATE	370		MG/L	10.0	5.00	AQ
10I246	2540C	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TDS	1310		MG/L	20.0	5.00	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TERT-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TOC	1.20		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TOTAL ALKALINITY	196		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TRANS-1,2-DICHLOROETHENE	100		UG/L	100	20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TRICHLOROETHENE	690		UG/L	500	20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	VINYL CHLORIDE	3.8		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW10-A10	MW-70-PMW10	SHB1	09/15/2010 12:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1-DICHLOROETHANE	1.6		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1-DICHLOROETHENE	11		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2-DIBROMOETHANE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,3,5-TRIMETHYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ACETONE	10	UJ	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BROMIDE	0.410	J	MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLORIDE-CL	324		MG/L	4.00	2.00	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CIS-1,2-DICHLOROETHENE	2100		UG/L	100	20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	Dhc	5.00E+02	J	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ETHANE	0.87	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ETHENE	1.2	J	UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	IRON	0.494		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	LACTATE	1.00	UJ	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	MANGANESE	0.262		MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	METHANE	25		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	SULFATE	374		MG/L	10.0	5.00	AQ
10I246	2540C	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TDS	1320		MG/L	20.0	5.00	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TOC	1.32		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TOTAL ALKALINITY	196		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TRANS-1,2-DICHLOROETHENE	100		UG/L	100	20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TRICHLOROETHENE	530		UG/L	500	20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	VINYL CHLORIDE	3.5		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW10-A10-D	MW-70-PMW10	SHB1	09/15/2010 12:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1-DICHLOROETHANE	0.50	J	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1-DICHLOROETHENE	1.7		UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BROMIDE	3.47		MG/L	0.500	0.250	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLORIDE-CL	1580		MG/L	20.0	10.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CIS-1,2-DICHLOROETHENE	300		UG/L	25	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ETHENE	1.5	J	UG/L	2.0	0.60	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	RSK175	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	METHANE	28		UG/L	2.0	0.60	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	SULFATE	453		MG/L	50.0	25.0	AQ
08H312	2540C	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TDS	3890		MG/L	20.0	5.00	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TOC	1.80		MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TOTAL ALKALINITY	210		MG/L	5.00	1.00	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TRANS-1,2-DICHLOROETHENE	60		UG/L	25	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TRICHLOROETHENE	580		UG/L	120	5.0	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	VINYL CHLORIDE	1.9		UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SHB310-08A	IW-70-SHB310	SHB3	08/28/2008 12:18	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1,1,2-TETRACHLOROETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1,1-TRICHLOROETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1,2,2-TETRACHLOROETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1,2-TRICHLOROETHANE	250	U	UG/L	250	50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1-DICHLOROETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1-DICHLOROETHENE	120	U	UG/L	120	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,1-DICHLOROPROPENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2,3-TRICHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2,3-TRICHLOROPROPANE	250	U	UG/L	250	120	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2,4-TRICHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2,4-TRIMETHYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLOROPROPANE	500	U	UG/L	500	120	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2-DIBROMOETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2-DICHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2-DICHLOROETHANE	120	U	UG/L	120	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,2-DICHLOROPROPANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,3,5-TRIMETHYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,3-DICHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	1,4-DICHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	2,2-DICHLOROPROPANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	2-BUTANONE	2500	U	UG/L	2500	1200	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	2-CHLOROTOLUENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	2-HEXANONE	2500	U	UG/L	2500	1200	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	4-CHLOROTOLUENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	4-METHYL-2-PENTANONE	2500	U	UG/L	2500	1200	AQ
09J174	300.0M	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ACETATE	662		MG/L	40.0	20.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ACETONE	2500	U	UG/L	2500	1200	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BENZENE	250	U	UG/L	250	50	AQ
09J174	300.0	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BROMIDE	25.0	U	MG/L	25.0	12.5	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BROMOBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BROMODICHLOROMETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BROMOFORM	250	U	UG/L	250	75	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BROMOMETHANE	500	U	UG/L	500	50	AQ
09J174	300.0M	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	BUTYRATE	126		MG/L	10.0	5.00	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CARBON DISULFIDE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CARBON TETRACHLORIDE	120	U	UG/L	120	50	AQ
09J174	300.0	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLORIDE-CL	2890		MG/L	40.0	20.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLOROBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLOROETHANE	500	U	UG/L	500	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLOROFORM	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CHLOROMETHANE	500	U	UG/L	500	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CIS-1,2-DICHLOROETHENE	110	J	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	CIS-1,3-DICHLOROPROPENE	250	U	UG/L	250	50	AQ
S-1749	PCR	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	Dhc	3.00E+05		c/L	4.00E+03	1.0	AQ
S-1749	PCR	IW-70-SHB310-09AF	IW-70-SHB310	SHB3	10/13/2009 11:10	Dhc	2.00E+04	J	c/L	6.00E+04	1.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	DIBROMOCHLOROMETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	DIBROMOMETHANE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	DICHLORODIFLUOROMETHANE	500	U	UG/L	500	75	AQ
09J174	RSK175	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ETHANE	6.2		UG/L	2.0	0.60	AQ
09J174	RSK175	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ETHENE	20		UG/L	2.0	0.60	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ETHYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	FREON113	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	HEXACHLOROBUTADIENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	ISOPROPYL BENZENE	250	U	UG/L	250	50	AQ
09J174	300.0M	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	LACTATE	10.0	U	MG/L	10.0	5.00	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	M/P-XYLENES	250	U	UG/L	250	120	AQ
09J174	RSK175	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	METHANE	13000		UG/L	1000	300	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	METHYLENE CHLORIDE	250	U	UG/L	250	120	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	MTBE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	N-BUTYLBENZENE	250	U	UG/L	250	50	AQ
09J174	300.0	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	NITRATE-N	10.0	U	MG/L	10.0	2.50	AQ
09J174	300.0	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	NITRITE-N	10.0	U	MG/L	10.0	2.50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	N-PROPYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	O-XYLENE	250	U	UG/L	250	50	AQ
09J174	4500HB	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	PH	5.10		PH UNIT	0.1	0.1	AQ
09J174	4500HB	IW-70-SHB310-09ADUP	IW-70-SHB310	SHB3	10/13/2009 11:10	PH	5.11		PH UNIT	0.1	0.1	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	P-ISOPROPYLTOLUENE	250	U	UG/L	250	50	AQ
09J174	300.0M	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	PROPIONATE	491		MG/L	40.0	20.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	SEC-BUTYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	STYRENE	250	U	UG/L	250	50	AQ
09J174	300.0	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	SULFATE	183		MG/L	25.0	12.5	AQ
09J174	2540C	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TDS	7260		MG/L	20.0	5.00	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TERT-BUTYLBENZENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TETRACHLOROETHYLENE	250	U	UG/L	250	50	AQ
09J174	5310B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TOC	769		MG/L	50.0	25.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TOLUENE	250	U	UG/L	250	50	AQ
09J174	2320B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TOTAL ALKALINITY	325		MG/L	5.00	1.00	AQ
09J174	2320B	IW-70-SHB310-09ADUP	IW-70-SHB310	SHB3	10/13/2009 11:10	TOTAL ALKALINITY	326		MG/L	5.00	1.00	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TRANS-1,2-DICHLOROETHENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TRANS-1,3-DICHLOROPROPENE	250	U	UG/L	250	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TRICHLOROETHENE	1200	U	UG/L	1200	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	TRICHLOROFLUOROMETHANE	500	UJ	UG/L	500	50	AQ
S-1749	PCR	IW-70-SHB310-09AF	IW-70-SHB310	SHB3	10/13/2009 11:10	vcrA	6.00E+04	U	c/L	6.00E+04	1.0	AQ
S-1749	PCR	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	vcrA	1.00E+05		c/L	4.00E+03	1.0	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	VINYL CHLORIDE	69	J	UG/L	120	50	AQ
09J174	8260B	IW-70-SHB310-09A	IW-70-SHB310	SHB3	10/13/2009 11:10	XYLENES (TOTAL)	500	U	UG/L	500	50	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1-DICHLOROETHANE	0.31	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	2-BUTANONE	250		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	2-HEXANONE	27		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ACETATE	1960		MG/L	100	50.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ACETONE	370		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BROMIDE	23.0		MG/L	2.50	1.25	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	BUTYRATE	427		MG/L	100	50.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CARBON DISULFIDE	17		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	300.0	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLORIDE-CL	5860		MG/L	100	50.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CIS-1,2-DICHLOROETHENE	210		UG/L	100	20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	Dhc	1.00E+04	U	c/L	1.00E+04	1.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ETHANE	1.7	J	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ETHENE	2.7		UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	LACTATE	10.0	U	MG/L	10.0	5.00	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	METHANE	8500		UG/L	800	240	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	NITRATE-N	0.400	U	MG/L	0.400	0.100	AQ
10H661	300.0	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	PROPIONATE	685		MG/L	100	50.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	SULFATE	347		MG/L	10.0	5.00	AQ
10H661	2540C	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TDS	13700		MG/L	20.0	5.00	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TOC	2080		MG/L	40.0	20.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TOLUENE	0.36	J	UG/L	1.0	0.20	AQ
10H661	2320B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TOTAL ALKALINITY	754	J	MG/L	5.00	1.00	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TRANS-1,2-DICHLOROETHENE	17		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TRICHLOROETHENE	18		UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	vcrA	1.00E+04	U	c/L	1.00E+04	1.0	AQ
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	VINYL CHLORIDE	15		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SHB310-A10	IW-70-SHB310	SHB3	08/31/2010 9:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	2-BUTANONE	28		UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C232	300.0M	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ACETATE	11.0		MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ACETONE	140		UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	300.0M	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CARBON DISULFIDE	2.3		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CIS-1,2-DICHLOROETHENE	4.8		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	Dhc	5.00E+06		c/L	4.00E+03	1.0	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C232	RSK175	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C232	RSK175	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	RSK175	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	METHANE	28000		UG/L	2000	600	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	PROPIONATE	0.580	J	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	5310B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TOC	29.6		MG/L	2.00	1.00	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TOLUENE	2.7		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TRANS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TRICHLOROETHENE	23		UG/L	5.0	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	VINYL CHLORIDE	14		UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB311-P10	IW-70-SHB311	SHB3	03/17/2010 12:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ACETATE	1.25		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ACETONE	9.9	J	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CARBON DISULFIDE	1.7		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CHLOROETHANE	0.45	J	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CIS-1,2-DICHLOROETHENE	0.96	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	Dhc	2.00E+05		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ETHENE	0.70	J	UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	METHANE	27000		UG/L	2000	600	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TOC	32.4		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TOLUENE	0.96	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TRANS-1,2-DICHLOROETHENE	3.2		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	VINYL CHLORIDE	14		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB311-P13	IW-70-SHB311	SHB3	08/31/2010 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	2-BUTANONE	6.4	J	UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C232	300.0M	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ACETATE	3.45		MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ACETONE	24		UG/L	10	5.0	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	300.0M	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CARBON DISULFIDE	2.2		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CIS-1,2-DICHLOROETHENE	8.5		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	Dhc	2.00E+07		c/L	4.00E+03	1.0	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C232	RSK175	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C232	RSK175	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ETHENE	0.93	J	UG/L	2.0	0.60	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C232	RSK175	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	METHANE	33000		UG/L	2000	600	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	5310B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TOC	16.9		MG/L	1.00	0.500	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TOLUENE	2.4		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TRICHLOROETHENE	28		UG/L	5.0	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	VINYL CHLORIDE	8.9		UG/L	0.50	0.20	AQ
10C232	8260B	IW-70-SHB319-P10	IW-70-SHB319	SHB3	03/17/2010 7:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ACETATE	0.580	J	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ACETONE	10		UG/L	10	5.0	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CARBON DISULFIDE	1.4		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CHLOROETHANE	0.21	J	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CIS-1,2-DICHLOROETHENE	0.60	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	Dhc	5.00E+05		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ETHANE	2.0	UJ	UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ETHENE	0.92	J	UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	METHANE	23000		UG/L	2000	600	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TOC	18.0		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TOLUENE	5.1		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TRANS-1,2-DICHLOROETHENE	1.1		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TRICHLOROETHENE	0.21	J	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	vcrA	6.00E+05		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	VINYL CHLORIDE	2.9		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SHB319-P13	IW-70-SHB319	SHB3	08/31/2010 8:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CIS-1,2-DICHLOROETHENE	0.85	J	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	RSK175	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I028	RSK175	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	ETHENE	4.5		UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	RSK175	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	METHANE	140		UG/L	20	6.0	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TRICHLOROETHENE	0.99	J	UG/L	5.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA14-08A	MW-70-MNA14	SHB3	09/04/2008 10:44	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2-DICHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	ACETONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CIS-1,2-DICHLOROETHENE	4.3		UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I017	RSK175	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I017	RSK175	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	ETHENE	2.8		UG/L	2.0	0.60	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I017	RSK175	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	METHANE	37		UG/L	4.0	1.2	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TRICHLOROETHENE	0.35	J	UG/L	5.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA14-09A	MW-70-MNA14	SHB3	08/31/2009 12:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CIS-1,2-DICHLOROETHENE	14		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	RSK175	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I343	RSK175	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	ETHENE	2.4		UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	RSK175	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	METHANE	27		UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TRICHLOROETHENE	0.58	J	UG/L	5.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	VINYL CHLORIDE	0.25	J	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA14-A10	MW-70-MNA14	SHB3	09/22/2010 13:44	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1-DICHLOROETHENE	0.68		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	300.0M	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ACETATE	1.55		MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	6010B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BROMIDE	11.7		MG/L	0.500	0.250	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	300.0M	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CARBON DISULFIDE	0.56	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	300.0	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CHLORIDE-CL	3470		MG/L	80.0	40.0	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CIS-1,2-DICHLOROETHENE	37		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ETHENE	0.73	J	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	4500F	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H330	6010B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	IRON	2.46		MG/L	0.200	0.0400	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	6010B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	MANGANESE	1.24		MG/L	0.200	0.00300	AQ
08H330	RSK175	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	METHANE	26		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H330	300.0	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	SULFATE	524		MG/L	20.0	10.0	AQ
08H330	2540C	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TDS	6720	J	MG/L	20.0	5.00	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	5310B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TOC	0.953	J	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	2320B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TOTAL ALKALINITY	158		MG/L	5.00	1.00	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TRANS-1,2-DICHLOROETHENE	4.4		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TRICHLOROETHENE	160		UG/L	50	2.0	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	VINYL CHLORIDE	0.47	J	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11A-08A	MW-70-PMW11A	SHB3	08/29/2008 9:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROETHANE	0.20	J	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROETHENE	0.83		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROETHENE	0.84		UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	300.0M	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ACETATE	2.19		MG/L	1.00	0.500	AQ
09I128	300.0M	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ACETATE	2.36		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ACETONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ACETONE	10	U	UG/L	10	5.0	AQ
09I128	6010B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I128	6010B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMIDE	7.26		MG/L	0.500	0.250	AQ
09I128	300.0	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMIDE	7.08		MG/L	0.500	0.250	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	300.0M	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	300.0M	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	300.0	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLORIDE-CL	2100		MG/L	20.0	10.0	AQ
09I128	300.0	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLORIDE-CL	2030		MG/L	20.0	10.0	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CIS-1,2-DICHLOROETHENE	75		UG/L	50	10	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CIS-1,2-DICHLOROETHENE	78		UG/L	50	10	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	RSK175	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHENE	0.70	J	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	4500F	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I128	4500F	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I128	6010B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	IRON	1.28		MG/L	0.200	0.0400	AQ
09I128	6010B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	IRON	1.30		MG/L	0.200	0.0400	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	300.0M	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	6010B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	MANGANESE	0.691		MG/L	0.200	0.00300	AQ
09I128	6010B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	MANGANESE	0.713		MG/L	0.200	0.00300	AQ
09I128	RSK175	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	METHANE	370		UG/L	40	12	AQ
09I128	RSK175	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	METHANE	360		UG/L	40	12	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	NITRATE-N	0.105	J	MG/L	0.200	0.0500	AQ
09I128	300.0	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	NITRATE-N	0.0991	J	MG/L	0.200	0.0500	AQ
09I128	300.0	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I128	300.0	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	300.0M	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	SULFATE	310		MG/L	50.0	25.0	AQ
09I128	300.0	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	SULFATE	302		MG/L	50.0	25.0	AQ
09I128	2540C	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TDS	4260		MG/L	20.0	5.00	AQ
09I128	2540C	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TDS	4070		MG/L	20.0	5.00	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	5310B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOC	1.37		MG/L	1.00	0.500	AQ
09I128	5310B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOC	1.41		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	2320B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOTAL ALKALINITY	148		MG/L	5.00	1.00	AQ
09I128	2320B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TOTAL ALKALINITY	148		MG/L	5.00	1.00	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRANS-1,2-DICHLOROETHENE	20		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRANS-1,2-DICHLOROETHENE	21		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRICHLOROETHENE	260		UG/L	250	10	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRICHLOROETHENE	260		UG/L	250	10	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	VINYL CHLORIDE	1.4		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11A-09A	MW-70-PMW11A	SHB3	09/08/2009 10:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11A-09AD	MW-70-PMW11A	SHB3	09/08/2009 10:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	300.0M	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ACETATE	0.740	J	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	6010B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ARSENIC	1.00	U	MG/L	1.00	0.0250	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BROMIDE	55.7		MG/L	10.0	5.00	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	300.0M	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	300.0	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLORIDE-CL	18800		MG/L	200	100	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CIS-1,2-DICHLOROETHENE	0.82	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	4500F	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I148	6010B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	IRON	6.48		MG/L	1.00	0.200	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	6010B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	MANGANESE	6.48		MG/L	1.00	0.0150	AQ
10I148	RSK175	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	METHANE	650		UG/L	100	30	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	300.0	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	NITRATE-N	4.00	U	MG/L	4.00	1.00	AQ
10I148	300.0	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	NITRITE-N	4.00	U	MG/L	4.00	1.00	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	SULFATE	2760		MG/L	500	250	AQ
10I148	2540C	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TDS	33800		MG/L	20.0	5.00	AQ
10I148	2540C	MW-70-PMW11A-A10DUP	MW-70-PMW11A	SHB3	09/09/2010 9:15	TDS	33500		MG/L	20.0	5.00	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	5310B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TOC	1.61		MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	2320B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TOTAL ALKALINITY	224		MG/L	5.00	1.00	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TRICHLOROETHENE	0.50	J	UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	VINYL CHLORIDE	0.34	J	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW11A-A10	MW-70-PMW11A	SHB3	09/09/2010 9:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1-DICHLOROETHANE	0.44	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1-DICHLOROETHENE	1.1		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	300.0M	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ACETATE	2.93		MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	6010B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BROMIDE	3.86		MG/L	0.500	0.250	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	300.0M	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CARBON DISULFIDE	0.68	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	300.0	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLORIDE-CL	1240		MG/L	40.0	20.0	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CIS-1,2-DICHLOROETHENE	70		UG/L	25	5.0	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ETHENE	0.98	J	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	4500F	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H330	4500F	MW-70-PMW11B-08ADUP	MW-70-PMW11B	SHB3	08/29/2008 9:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08H330	6010B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	IRON	1.25		MG/L	0.200	0.0400	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	6010B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	MANGANESE	0.369		MG/L	0.200	0.00300	AQ
08H330	RSK175	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	METHANE	10		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H330	300.0	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	300.0M	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	300.0	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	SULFATE	440		MG/L	20.0	10.0	AQ
08H330	2540C	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TDS	2820	J	MG/L	20.0	5.00	AQ
08H330	2540C	MW-70-PMW11B-08ADUP	MW-70-PMW11B	SHB3	08/29/2008 9:40	TDS	3070	J	MG/L	20.0	5.00	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	5310B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TOC	1.38		MG/L	1.00	0.500	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	2320B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TOTAL ALKALINITY	200		MG/L	5.00	1.00	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TRANS-1,2-DICHLOROETHENE	41		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TRICHLOROETHENE	500		UG/L	120	5.0	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	VINYL CHLORIDE	1.3		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-PMW11B-08A	MW-70-PMW11B	SHB3	08/29/2008 9:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1-DICHLOROETHANE	0.62	J	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1-DICHLOROETHENE	1.7		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	300.0M	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ACETATE	2.94		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ACETONE	10	U	UG/L	10	5.0	AQ
09I128	6010B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BROMIDE	5.52		MG/L	0.500	0.250	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	300.0M	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	300.0	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLORIDE-CL	1600		MG/L	20.0	10.0	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CIS-1,2-DICHLOROETHENE	140		UG/L	50	10	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	RSK175	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	4500F	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I128	4500F	MW-70-PMW11B-09ADUP	MW-70-PMW11B	SHB3	09/08/2009 9:47	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I128	6010B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	IRON	1.23		MG/L	0.200	0.0400	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	6010B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	MANGANESE	0.311		MG/L	0.200	0.00300	AQ
09I128	RSK175	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	METHANE	12		UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	NITRATE-N	0.0868	J	MG/L	0.200	0.0500	AQ
09I128	300.0	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	SULFATE	493		MG/L	50.0	25.0	AQ
09I128	2540C	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TDS	3740		MG/L	20.0	5.00	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	5310B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TOC	2.00		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	2320B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TOTAL ALKALINITY	210		MG/L	5.00	1.00	AQ
09I128	2320B	MW-70-PMW11B-09ADUP	MW-70-PMW11B	SHB3	09/08/2009 9:47	TOTAL ALKALINITY	211		MG/L	5.00	1.00	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TRANS-1,2-DICHLOROETHENE	66		UG/L	50	10	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TRICHLOROETHENE	950		UG/L	250	10	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	VINYL CHLORIDE	2.0		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW11B-09A	MW-70-PMW11B	SHB3	09/08/2009 9:47	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1-DICHLOROETHANE	0.48	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1-DICHLOROETHENE	2.4		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	300.0M	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	6010B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BROMIDE	5.12		MG/L	0.500	0.250	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	300.0M	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CARBON DISULFIDE	1.2	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	300.0	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLORIDE-CL	1820		MG/L	20.0	10.0	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CIS-1,2-DICHLOROETHENE	610		UG/L	25	5.0	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	4500F	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I148	6010B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	IRON	1.22		MG/L	0.200	0.0400	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	6010B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	MANGANESE	0.375		MG/L	0.200	0.00300	AQ
10I148	RSK175	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	METHANE	30		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I148	300.0	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	SULFATE	542		MG/L	50.0	25.0	AQ
10I148	2540C	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TDS	4350		MG/L	20.0	5.00	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	5310B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TOC	2.06		MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	2320B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TOTAL ALKALINITY	220		MG/L	5.00	1.00	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TRANS-1,2-DICHLOROETHENE	57		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TRICHLOROETHENE	9.6		UG/L	5.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	VINYL CHLORIDE	120		UG/L	12	5.0	AQ
10I148	8260B	MW-70-PMW11B-A10	MW-70-PMW11B	SHB3	09/09/2010 9:51	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1-DICHLOROETHENE	0.56		UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	300.0M	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	6010B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BROMIDE	3.63		MG/L	0.500	0.250	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	300.0M	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CARBON DISULFIDE	1.0		UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	300.0	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLORIDE-CL	1460		MG/L	16.0	8.00	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CIS-1,2-DICHLOROETHENE	39		UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ETHENE	0.63	J	UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	4500F	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I013	6010B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	IRON	0.581		MG/L	0.200	0.0400	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	6010B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	MANGANESE	0.632		MG/L	0.200	0.00300	AQ
08I013	RSK175	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	METHANE	9.2		UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I013	300.0	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	SULFATE	207		MG/L	40.0	20.0	AQ
08I013	2540C	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TDS	2970		MG/L	20.0	5.00	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	5310B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TOC	1.23		MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	2320B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TOTAL ALKALINITY	163		MG/L	5.00	1.00	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TRANS-1,2-DICHLOROETHENE	5.6		UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TRICHLOROETHENE	170		UG/L	50	2.0	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	VINYL CHLORIDE	3.5		UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12A-08A	MW-70-PMW12A	SHB3	09/02/2008 9:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I251	300.0M	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ACETATE	3.43		MG/L	1.00	0.500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ACETONE	10	U	UG/L	10	5.0	AQ
09I251	6010B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	300.0	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BROMIDE	3.89		MG/L	0.500	0.250	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	300.0M	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CARBON DISULFIDE	0.28	J	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	300.0	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CHLORIDE-CL	1160		MG/L	20.0	10.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CIS-1,2-DICHLOROETHENE	6.2		UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1714	PCR	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I251	RSK175	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I251	RSK175	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	4500F	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I251	6010B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	IRON	0.643		MG/L	0.200	0.0400	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	300.0M	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	LACTATE	0.750	J	MG/L	1.00	0.500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I251	6010B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	MANGANESE	0.494		MG/L	0.200	0.00300	AQ
09I251	RSK175	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	METHANE	4700		UG/L	400	120	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	300.0	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I251	300.0	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	300.0M	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	300.0	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	SULFATE	139		MG/L	5.00	2.50	AQ
09I251	2540C	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TDS	2480		MG/L	20.0	5.00	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	5310B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TOC	1.05		MG/L	1.00	0.500	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	2320B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TOTAL ALKALINITY	180		MG/L	5.00	1.00	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TRANS-1,2-DICHLOROETHENE	6.4		UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TRICHLOROETHENE	2.8	J	UG/L	5.0	0.20	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1714	PCR	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	vcrA	7.00E+03	U	c/L	7.00E+03	1.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	VINYL CHLORIDE	51		UG/L	2.5	1.0	AQ
09I251	8260B	MW-70-PMW12A-09A	MW-70-PMW12A	SHB3	09/17/2009 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L289	8270C-SIM	MW-70-PMW12A-09X	MW-70-PMW12A	SHB3	12/16/2009 7:45	1,4-DIOXANE	1.1	U	UG/L	1.1	0.65	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C232	300.0M	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ACETATE	1.35		MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ACETONE	5.2	J	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	300.0M	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CARBON DISULFIDE	0.30	J	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CIS-1,2-DICHLOROETHENE	13		UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	Dhc	5.00E+06		c/L	4.00E+03	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C232	RSK175	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C232	RSK175	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ETHENE	3.4		UG/L	2.0	0.60	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C232	RSK175	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	METHANE	6400		UG/L	800	240	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	5310B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TOC	7.11		MG/L	2.00	1.00	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TRANS-1,2-DICHLOROETHENE	15		UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TRICHLOROETHENE	1.7	J	UG/L	5.0	0.20	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	VINYL CHLORIDE	150		UG/L	5.0	2.0	AQ
10C232	8260B	MW-70-PMW12A-P10	MW-70-PMW12A	SHB3	03/17/2010 8:25	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ACETONE	10	U	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BROMIDE	5.32		MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CARBON DISULFIDE	0.37	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLORIDE-CL	1600		MG/L	20.0	10.0	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CIS-1,2-DICHLOROETHENE	0.59	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	Dhc	4.00E+04		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ETHENE	3.7		UG/L	2.0	0.60	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	IRON	1.93		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	MANGANESE	0.762		MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	METHANE	11000		UG/L	2000	600	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	SULFATE	182		MG/L	10.0	5.00	AQ
10I246	2540C	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TDS	3200		MG/L	20.0	5.00	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TOC	1.32		MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TOTAL ALKALINITY	186		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TRANS-1,2-DICHLOROETHENE	5.4		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TRICHLOROETHENE	1.1	J	UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	vcrA	7.00E+03		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	VINYL CHLORIDE	53		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12A-A10	MW-70-PMW12A	SHB3	09/16/2010 9:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1-DICHLOROETHANE	0.46	J	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1-DICHLOROETHENE	1.2		UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	300.0M	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	6010B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BROMIDE	2.56		MG/L	0.500	0.250	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	300.0M	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CARBON DISULFIDE	0.51	J	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	300.0	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLORIDE-CL	1260		MG/L	20.0	10.0	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CIS-1,2-DICHLOROETHENE	96		UG/L	50	10	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	4500F	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I013	6010B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	IRON	1.36		MG/L	0.200	0.0400	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	6010B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	MANGANESE	0.365		MG/L	0.200	0.00300	AQ
08I013	RSK175	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	METHANE	9.2		UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I013	300.0	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0M	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	300.0	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	SULFATE	393		MG/L	50.0	25.0	AQ
08I013	2540C	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TDS	2930		MG/L	20.0	5.00	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	5310B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TOC	1.67		MG/L	1.00	0.500	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	2320B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TOTAL ALKALINITY	198		MG/L	5.00	1.00	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TRANS-1,2-DICHLOROETHENE	41		UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TRICHLOROETHENE	870		UG/L	250	10	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	VINYL CHLORIDE	1.2		UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-PMW12B-08A	MW-70-PMW12B	SHB3	09/02/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1-DICHLOROETHANE	0.30	J	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	2-BUTANONE	6.9	J	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	300.0M	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ACETATE	25.7		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ACETONE	7.1	J	UG/L	10	5.0	AQ
09I128	6010B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ARSENIC	0.0212	J	MG/L	0.200	0.00500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BROMIDE	4.71		MG/L	0.500	0.250	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	300.0M	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CARBON DISULFIDE	1.7		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	300.0	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLORIDE-CL	1430		MG/L	20.0	10.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CIS-1,2-DICHLOROETHENE	37		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1701	PCR	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	Dhc	1.00E+08		c/L	4.00E+03	1.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	RSK175	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ETHENE	2.1		UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	4500F	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I128	6010B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	IRON	13.6		MG/L	0.200	0.0400	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	6010B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	MANGANESE	0.973		MG/L	0.200	0.00300	AQ
09I128	RSK175	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	METHANE	23000		UG/L	2000	600	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	NITRATE-N	0.131	J	MG/L	0.200	0.0500	AQ
09I128	300.0	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0M	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	PROPIONATE	25.8		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	300.0	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	SULFATE	3.10		MG/L	0.500	0.250	AQ
09I128	2540C	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TDS	3550		MG/L	20.0	5.00	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	5310B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TOC	27.7		MG/L	1.00	0.500	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	2320B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TOTAL ALKALINITY	809		MG/L	5.00	1.00	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TRANS-1,2-DICHLOROETHENE	35		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TRICHLOROETHENE	4.1	J	UG/L	5.0	0.20	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1701	PCR	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	VINYL CHLORIDE	430		UG/L	12	5.0	AQ
09I128	8260B	MW-70-PMW12B-09A	MW-70-PMW12B	SHB3	09/08/2009 12:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1-DICHLOROETHANE	0.26	J	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C232	300.0M	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ACETATE	1.11		MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ACETONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	300.0M	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CIS-1,2-DICHLOROETHENE	4.9		UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	Dhc	7.00E+05		c/L	4.00E+03	1.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C232	RSK175	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C232	RSK175	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ETHENE	44		UG/L	2.0	0.60	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C232	RSK175	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	METHANE	26000		UG/L	2000	600	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	300.0M	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	5310B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TOC	2.48		MG/L	1.00	0.500	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TRANS-1,2-DICHLOROETHENE	34		UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TRICHLOROETHENE	7.6		UG/L	5.0	0.20	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	vcrA	1.00E+05		c/L	4.00E+03	1.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	VINYL CHLORIDE	270		UG/L	5.0	2.0	AQ
10C232	8260B	MW-70-PMW12B-P10	MW-70-PMW12B	SHB3	03/17/2010 8:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1-DICHLOROETHANE	0.34	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ACETATE	1.38		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ACETONE	10	U	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ARSENIC	0.0182	J	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BROMIDE	5.56		MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CARBON DISULFIDE	0.57	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLORIDE-CL	1640		MG/L	20.0	10.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CIS-1,2-DICHLOROETHENE	2.5	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	Dhc	5.00E+04		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ETHANE	1.7	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ETHENE	71		UG/L	20	6.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	IRON	17.2		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	MANGANESE	0.728		MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	METHANE	15000		UG/L	4000	1200	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	SULFATE	354		MG/L	50.0	25.0	AQ
10I246	2540C	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TDS	3590		MG/L	20.0	5.00	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TOC	2.39		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TOTAL ALKALINITY	372		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TRANS-1,2-DICHLOROETHENE	45		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TRICHLOROETHENE	4.7	J	UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	vcrA	8.00E+04		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	VINYL CHLORIDE	99		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10	MW-70-PMW12B	SHB3	09/16/2010 10:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1-DICHLOROETHANE	0.34	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	300.0M	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ACETONE	10	U	UG/L	10	5.0	AQ
10I246	6010B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ARSENIC	0.0181	J	MG/L	0.200	0.00500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BROMIDE	5.82		MG/L	0.500	0.250	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CARBON DISULFIDE	0.56	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLORIDE-CL	1630		MG/L	20.0	10.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CIS-1,2-DICHLOROETHENE	2.4	J	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1998	PCR	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	Dhc	7.00E+04		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	RSK175	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ETHANE	1.7	J	UG/L	2.0	0.60	AQ
10I246	RSK175	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ETHENE	74		UG/L	20	6.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	4500F	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I246	6010B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	IRON	17.3		MG/L	0.200	0.0400	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	6010B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	MANGANESE	0.735		MG/L	0.200	0.00300	AQ
10I246	RSK175	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	METHANE	13000		UG/L	2000	600	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I246	300.0	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0M	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	300.0	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	SULFATE	349		MG/L	50.0	25.0	AQ
10I246	2540C	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TDS	3700		MG/L	20.0	5.00	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	5310B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TOC	2.47		MG/L	1.00	0.500	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	2320B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TOTAL ALKALINITY	373		MG/L	5.00	1.00	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TRANS-1,2-DICHLOROETHENE	45		UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TRICHLOROETHENE	4.8	J	UG/L	5.0	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1998	PCR	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	vcrA	1.00E+05		c/L	4.00E+03	1.0	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	VINYL CHLORIDE	99		UG/L	0.50	0.20	AQ
10I246	8260B	MW-70-PMW12B-A10-D	MW-70-PMW12B	SHB3	09/16/2010 10:52	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
P0802786	01	SV-70-01-08A	SV-70-01	SoilVapor	08/26/2008 8:21	Hydrogen sulfide	4.2	J	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-01-08A	SV-70-01	SoilVapor	08/26/2008 8:21	Methane	0.165		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-02-08A	SV-70-02	SoilVapor	08/26/2008 7:54	Hydrogen sulfide	4.9	J	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-02-08A	SV-70-02	SoilVapor	08/26/2008 7:54	Methane	22.9		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-03-08A	SV-70-03	SoilVapor	08/26/2008 12:01	Hydrogen sulfide	5.0	U	ppbv	5.0	2.6	AIR
P0802786	25C	SV-70-03-08A	SV-70-03	SoilVapor	08/26/2008 12:01	Methane	330		ppmV	0.50	0.070	AIR
P0802786	01	SV-70-05-08A	SV-70-05	SoilVapor	08/26/2008 12:08	Hydrogen sulfide	990		ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-05-08A	SV-70-05	SoilVapor	08/26/2008 12:08	Methane	73.9		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-06-08A	SV-70-06	SoilVapor	08/26/2008 11:46	Hydrogen sulfide	5.0	U	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-06-08A	SV-70-06	SoilVapor	08/26/2008 11:46	Methane	0.336		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-07-08A	SV-70-07	SoilVapor	08/26/2008 9:18	Hydrogen sulfide	4.2	J	ppbv	5.0	2.6	AIR

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
P0802786	25C	SV-70-07-08A	SV-70-07	SoilVapor	08/26/2008 9:18	Methane	53		ppmV	0.50	0.070	AIR
P0802786	25C	SV-70-07-08ADUP	SV-70-07	SoilVapor	08/26/2008 9:18	Methane	52.5		ppmV	0.50	0.070	AIR
P0802786	01	SV-70-08-08A	SV-70-08	SoilVapor	08/26/2008 10:29	Hydrogen sulfide	3.3	J	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-08-08A	SV-70-08	SoilVapor	08/26/2008 10:29	Methane	2.71		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-09-08A	SV-70-09	SoilVapor	08/26/2008 11:29	Hydrogen sulfide	5.0	U	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-09-08A	SV-70-09	SoilVapor	08/26/2008 11:29	Methane	9.37		%V/V	0.10	0.040	AIR
P0802786	3C	SV-70-09-08ADUP	SV-70-09	SoilVapor	08/26/2008 11:29	Methane	9.37		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-10-08A	SV-70-10	SoilVapor	08/26/2008 10:41	Hydrogen sulfide	4.4	J	ppbv	5.0	2.6	AIR
P0802786	3C	SV-70-10-08A	SV-70-10	SoilVapor	08/26/2008 10:41	Methane	0.360		%V/V	0.10	0.040	AIR
P0802786	01	SV-70-11-08A	SV-70-11	SoilVapor	08/26/2008 10:58	Hydrogen sulfide	3.6	J	ppbv	5.0	2.6	AIR
P0802786	25C	SV-70-11-08A	SV-70-11	SoilVapor	08/26/2008 10:58	Methane	35		ppmV	0.50	0.070	AIR
P0802786	01	SV-70-12-08A	SV-70-12	SoilVapor	08/26/2008 11:10	Hydrogen sulfide	5.0	U	ppbv	5.0	2.6	AIR
P0802786	25C	SV-70-12-08A	SV-70-12	SoilVapor	08/26/2008 11:10	Methane	610		ppmV	0.50	0.070	AIR
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1-DICHLOROETHENE	0.58		UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BROMIDE	3.50		MG/L	0.500	0.250	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLORIDE-CL	4940		MG/L	80.0	40.0	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CIS-1,2-DICHLOROETHENE	39		UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ETHENE	1.6	J	UG/L	2.0	0.60	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	RSK175	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	METHANE	9.5		UG/L	2.0	0.60	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	SULFATE	719		MG/L	200	100	AQ
08H312	2540C	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TDS	10000		MG/L	20.0	5.00	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	IW-70-SSB109-08ADUP	IW-70-SSB109	SSB1	08/28/2008 8:40	TOC	1.21		MG/L	1.00	0.500	AQ
08H312	5310B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TOC	1.28		MG/L	1.00	0.500	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TOTAL ALKALINITY	183		MG/L	5.00	1.00	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TRANS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TRICHLOROETHENE	300		UG/L	120	5.0	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	VINYL CHLORIDE	0.34	J	UG/L	0.50	0.20	AQ
08H312	8260B	IW-70-SSB109-08A	IW-70-SSB109	SSB1	08/28/2008 8:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1-DICHLOROETHENE	0.63		UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	300.0M	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BROMIDE	1.70		MG/L	0.500	0.250	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	300.0M	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	300.0	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLORIDE-CL	4910		MG/L	80.0	40.0	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CIS-1,2-DICHLOROETHENE	44		UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	RSK175	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H312	RSK175	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	RSK175	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	METHANE	9.4		UG/L	2.0	0.60	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08H312	300.0	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0M	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	300.0	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	SULFATE	711		MG/L	200	100	AQ
08H312	2540C	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TDS	9980		MG/L	20.0	5.00	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	5310B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TOC	1.29		MG/L	1.00	0.500	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	2320B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TOTAL ALKALINITY	178		MG/L	5.00	1.00	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TRANS-1,2-DICHLOROETHENE	14		UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TRICHLOROETHENE	310		UG/L	120	5.0	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	VINYL CHLORIDE	0.31	J	UG/L	0.50	0.20	AQ
08H312	8260B	DUPE-6-08A	IW-70-SSB109	SSB1	08/28/2008 8:45	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1-DICHLOROETHENE	4.7		UG/L	0.50	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	2-BUTANONE	110		UG/L	10	5.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	2-HEXANONE	12		UG/L	10	5.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I065	300.0M	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ACETATE	303		MG/L	20.0	10.0	AQ
09I065	300.0M	IW-70-SSB109-09ADUP	IW-70-SSB109	SSB1	09/03/2009 10:10	ACETATE	304		MG/L	20.0	10.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ACETONE	190	J	UG/L	250	120	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BROMIDE	13.5		MG/L	1.00	0.500	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	300.0M	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	BUTYRATE	358		MG/L	20.0	10.0	AQ
09I065	300.0M	IW-70-SSB109-09ADUP	IW-70-SSB109	SSB1	09/03/2009 10:10	BUTYRATE	360		MG/L	20.0	10.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CARBON DISULFIDE	200		UG/L	25	5.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I065	300.0	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLORIDE-CL	3770		MG/L	80.0	40.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CIS-1,2-DICHLOROETHENE	110		UG/L	25	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1695	PCR	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	Dhc	1.00E+04	J	c/L	2.00E+04	1.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I065	RSK175	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ETHANE	0.61	J	UG/L	2.0	0.60	AQ
09I065	RSK175	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ETHENE	1.6	J	UG/L	2.0	0.60	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0M	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	300.0M	IW-70-SSB109-09ADUP	IW-70-SSB109	SSB1	09/03/2009 10:10	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I065	RSK175	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	METHANE	13000		UG/L	2000	600	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	NITRATE-N	0.118	J	MG/L	0.200	0.0500	AQ
09I065	300.0	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0M	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	PROPIONATE	363		MG/L	20.0	10.0	AQ
09I065	300.0M	IW-70-SSB109-09ADUP	IW-70-SSB109	SSB1	09/03/2009 10:10	PROPIONATE	364		MG/L	20.0	10.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	SULFATE	0.875	U	MG/L	0.500	0.250	AQ
09I065	2540C	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TDS	11900		MG/L	20.0	5.00	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	5310B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TOC	1110		MG/L	100	50.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	2320B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TOTAL ALKALINITY	629		MG/L	5.00	1.00	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TRANS-1,2-DICHLOROETHENE	8.3		UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TRICHLOROETHENE	12		UG/L	5.0	0.20	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1695	PCR	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	vcrA	2.00E+04	U	c/L	2.00E+04	1.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	VINYL CHLORIDE	94		UG/L	12	5.0	AQ
09I065	8260B	IW-70-SSB109-09A	IW-70-SSB109	SSB1	09/03/2009 10:10	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	2-BUTANONE	83		UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	2-HEXANONE	17		UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	4-METHYL-2-PENTANONE	33		UG/L	10	5.0	AQ
10C212	300.0M	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ACETATE	7.92		MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ACETONE	360		UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	300.0M	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CARBON DISULFIDE	1.1		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CHLOROETHANE	0.56	J	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CIS-1,2-DICHLOROETHENE	40		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C212	RSK175	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C212	RSK175	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ETHENE	0.69	J	UG/L	2.0	0.60	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C212	RSK175	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	METHANE	9500		UG/L	800	240	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	PROPIONATE	129		MG/L	10.0	5.00	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	5310B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TOC	309		MG/L	10.0	5.00	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TRANS-1,2-DICHLOROETHENE	6.0		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TRICHLOROETHENE	1.2	J	UG/L	5.0	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	vcrA	2.00E+06		c/L	4.00E+03	1.0	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	VINYL CHLORIDE	13		UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB109-P10	IW-70-SSB109	SSB1	03/16/2010 10:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	2-BUTANONE	27		UG/L	10	5.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	2-HEXANONE	8.1	J	UG/L	10	5.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	4-METHYL-2-PENTANONE	32		UG/L	10	5.0	AQ
10I305	300.0M	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ACETATE	15.1		MG/L	1.00	0.500	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ACETONE	240		UG/L	10	5.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BROMIDE	11.9		MG/L	5.00	2.50	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	300.0M	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CARBON DISULFIDE	0.77	J	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I305	300.0	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLORIDE-CL	4330		MG/L	100	50.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLOROETHANE	0.41	J	UG/L	2.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CIS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	Dhc	1.00E+07		c/L	4.00E+03	1.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I305	RSK175	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ETHANE	0.76	J	UG/L	2.0	0.60	AQ
10I305	RSK175	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ETHENE	1.4	J	UG/L	2.0	0.60	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0M	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I305	RSK175	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	METHANE	16000		UG/L	1000	300	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	NITRATE-N	0.0537	J	MG/L	0.200	0.0500	AQ
10I305	300.0	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0M	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	PROPIONATE	7.22		MG/L	1.00	0.500	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	SULFATE	0.499	J	MG/L	0.500	0.250	AQ
10I305	2540C	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TDS	8040		MG/L	20.0	5.00	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	5310B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TOC	121		MG/L	5.00	2.50	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	2320B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TOTAL ALKALINITY	693		MG/L	5.00	1.00	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TRANS-1,2-DICHLOROETHENE	2.5		UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TRICHLOROETHENE	0.40	J	UG/L	5.0	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	vcrA	2.00E+07		c/L	4.00E+03	1.0	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	VINYL CHLORIDE	5.3		UG/L	0.50	0.20	AQ
10I305	8260B	IW-70-SSB109-A10	IW-70-SSB109	SSB1	09/20/2010 10:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	2-BUTANONE	5.1	J	UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C212	300.0M	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ACETATE	1.59		MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ACETONE	12		UG/L	10	5.0	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	300.0M	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CARBON DISULFIDE	7.6		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CHLOROETHANE	0.45	J	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CIS-1,2-DICHLOROETHENE	18		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	Dhc	3.00E+07		c/L	4.00E+03	1.0	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C212	RSK175	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C212	RSK175	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ETHENE	19		UG/L	2.0	0.60	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C212	RSK175	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	METHANE	29000		UG/L	2000	600	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	5310B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TOC	18.0		MG/L	10.0	5.00	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TRANS-1,2-DICHLOROETHENE	8.1		UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TRICHLOROETHENE	59		UG/L	5.0	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	vcrA	4.00E+07		c/L	4.00E+03	1.0	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	VINYL CHLORIDE	5.0		UG/L	0.50	0.20	AQ
10C212	8260B	IW-70-SSB119-P10	IW-70-SSB119	SSB1	03/16/2010 12:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	300.0M	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ACETATE	3.12		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ACETONE	7.4	J	UG/L	10	5.0	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	300.0M	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CARBON DISULFIDE	2.3		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CHLOROETHANE	0.35	J	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CIS-1,2-DICHLOROETHENE	0.69	J	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1987	PCR	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	Dhc	5.00E+06		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	RSK175	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ETHANE	5.1		UG/L	2.0	0.60	AQ
10H661	RSK175	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ETHENE	8.0		UG/L	2.0	0.60	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	RSK175	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	METHANE	25000		UG/L	2000	600	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	300.0M	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	PROPIONATE	1.20		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	5310B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TOC	15.2		MG/L	1.00	0.500	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TRANS-1,2-DICHLOROETHENE	4.1		UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TRICHLOROETHENE	0.78	J	UG/L	5.0	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1987	PCR	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	vcrA	8.00E+06		c/L	4.00E+03	1.0	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	VINYL CHLORIDE	3.5		UG/L	0.50	0.20	AQ
10H661	8260B	IW-70-SSB119-P13	IW-70-SSB119	SSB1	08/30/2010 14:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1-DICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1-DICHLOROETHENE	0.80		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2-DICHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	ACETONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CIS-1,2-DICHLOROETHENE	32		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	RSK175	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I128	RSK175	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	RSK175	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	METHANE	6.9		UG/L	2.0	0.60	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TRANS-1,2-DICHLOROETHENE	18		UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TRICHLOROETHENE	530		UG/L	250	10	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	VINYL CHLORIDE	1.5		UG/L	0.50	0.20	AQ
09I128	8260B	MW-70-14-09A	MW-70-14	SSB1	09/09/2009 11:46	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1-DICHLOROETHANE	0.28	J	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1-DICHLOROETHENE	0.52		UG/L	0.50	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CARBON DISULFIDE	0.64	J	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CIS-1,2-DICHLOROETHENE	22		UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TRANS-1,2-DICHLOROETHENE	12		UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TRICHLOROETHENE	210		UG/L	50	2.0	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	VINYL CHLORIDE	0.65		UG/L	0.50	0.20	AQ
10A002	8260B	MW-70-14-09D	MW-70-14	SSB1	01/04/2010 12:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1-DICHLOROETHANE	0.49	J	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1-DICHLOROETHENE	1.5		UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CIS-1,2-DICHLOROETHENE	280		UG/L	10	2.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TRANS-1,2-DICHLOROETHENE	23		UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TRICHLOROETHENE	260		UG/L	50	2.0	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	VINYL CHLORIDE	1.1		UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10	MW-70-14	SSB1	09/28/2010 8:31	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1-DICHLOROETHANE	0.47	J	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1-DICHLOROETHENE	1.4		UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CIS-1,2-DICHLOROETHENE	280		UG/L	10	2.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TRANS-1,2-DICHLOROETHENE	21		UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TRICHLOROETHENE	250		UG/L	50	2.0	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	VINYL CHLORIDE	1.1		UG/L	0.50	0.20	AQ
10I614	8260B	MW-70-14-A10-D	MW-70-14	SSB1	09/28/2010 8:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CIS-1,2-DICHLOROETHENE	2.0		UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	RSK175	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I013	RSK175	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	RSK175	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	METHANE	12		UG/L	2.0	0.60	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TRICHLOROETHENE	1.6	J	UG/L	5.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	MW-70-15-08A	MW-70-15	SSB1	09/02/2008 14:15	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	ACETONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CIS-1,2-DICHLOROETHENE	2.7		UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I072	RSK175	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I072	RSK175	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I072	RSK175	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	METHANE	8.7		UG/L	2.0	0.60	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TRICHLOROETHENE	6.9		UG/L	5.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-15-09A	MW-70-15	SSB1	09/02/2009 12:08	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	ACETONE	5.1	J	UG/L	10	5.0	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CIS-1,2-DICHLOROETHENE	4.2		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	RSK175	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	METHANE	10		UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TRICHLOROETHENE	14		UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-15-A10	MW-70-15	SSB1	09/24/2010 11:41	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	ACETONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I072	RSK175	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I072	RSK175	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I072	RSK175	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	METHANE	7.0		UG/L	2.0	0.60	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	MW-70-43B-09A	MW-70-43B	SSB1	09/02/2009 9:57	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1-DICHLOROETHENE	0.21	J	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	ACETONE	6.5	J	UG/L	10	5.0	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CIS-1,2-DICHLOROETHENE	9.0		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	ETHYLBENZENE	0.35	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	O-XYLENE	0.33	J	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TRANS-1,2-DICHLOROETHENE	2.5		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TRICHLOROETHENE	37		UG/L	5.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	VINYL CHLORIDE	0.43	J	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-43B-A10	MW-70-43B	SSB1	09/22/2010 12:45	XYLENES (TOTAL)	0.33	J	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1-DICHLOROETHANE	0.31	J	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1-DICHLOROETHENE	1.6		UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CIS-1,2-DICHLOROETHENE	120		UG/L	25	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	RSK175	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I028	RSK175	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	RSK175	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	METHANE	18		UG/L	2.0	0.60	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TRANS-1,2-DICHLOROETHENE	17		UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TRICHLOROETHENE	540		UG/L	120	5.0	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	MW-70-MNA15-08A	MW-70-MNA15	SSB1	09/04/2008 12:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1-DICHLOROETHANE	0.74	J	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1-DICHLOROETHENE	2.6		UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	ACETONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CHLOROFORM	0.20	J	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CIS-1,2-DICHLOROETHENE	150		UG/L	50	10	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H310	RSK175	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09H310	RSK175	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H310	RSK175	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	METHANE	27		UG/L	2.0	0.60	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TRANS-1,2-DICHLOROETHENE	39		UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TRICHLOROETHENE	930		UG/L	250	10	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	VINYL CHLORIDE	3.2		UG/L	0.50	0.20	AQ
09H310	8260B	MW-70-MNA15-09A	MW-70-MNA15	SSB1	08/26/2009 12:43	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1-DICHLOROETHANE	1.0		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1-DICHLOROETHENE	3.3		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CIS-1,2-DICHLOROETHENE	320		UG/L	25	5.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	RSK175	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I343	RSK175	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	RSK175	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	METHANE	2100		UG/L	200	60	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TRANS-1,2-DICHLOROETHENE	84		UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TRICHLOROETHENE	1200		UG/L	120	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	VINYL CHLORIDE	5.3		UG/L	0.50	0.20	AQ
10I343	8260B	MW-70-MNA15-A10	MW-70-MNA15	SSB1	09/23/2010 9:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1-DICHLOROETHANE	0.25	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1-DICHLOROETHENE	4.1		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CARBON DISULFIDE	1.5		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CIS-1,2-DICHLOROETHENE	1100		UG/L	50	10	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	RSK175	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	METHANE	6.2		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TRANS-1,2-DICHLOROETHENE	39		UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TRICHLOROETHENE	140	J	UG/L	250	10	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	VINYL CHLORIDE	8.3		UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA16-08A	MW-70-MNA16	SSB1	08/29/2008 13:22	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1-DICHLOROETHANE	0.29	J	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1-DICHLOROETHENE	4.7		UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	ACETONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CIS-1,2-DICHLOROETHENE	1000		UG/L	50	10	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I017	RSK175	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I017	RSK175	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	ETHENE	0.82	J	UG/L	2.0	0.60	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I017	RSK175	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	METHANE	7.9		UG/L	2.0	0.60	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TRANS-1,2-DICHLOROETHENE	47		UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TRICHLOROETHENE	460		UG/L	250	10	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	VINYL CHLORIDE	14		UG/L	0.50	0.20	AQ
09I017	8260B	MW-70-MNA16-09A	MW-70-MNA16	SSB1	08/31/2009 13:07	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1-DICHLOROETHANE	0.42	J	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1-DICHLOROETHENE	3.9		UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CIS-1,2-DICHLOROETHENE	670		UG/L	50	10	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	Dhc	2.00E+06		c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	ETHENE	0.90	J	UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	RSK175	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	METHANE	7.6		UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TRANS-1,2-DICHLOROETHENE	54		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TRICHLOROETHENE	510		UG/L	250	10	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	vcrA	1.00E+07		c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	VINYL CHLORIDE	9.7		UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA16-A10	MW-70-MNA16	SSB1	09/23/2010 10:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CARBON DISULFIDE	1.3	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CIS-1,2-DICHLOROETHENE	0.79	J	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	RSK175	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08H330	RSK175	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	RSK175	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	METHANE	7.9		UG/L	2.0	0.60	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TRICHLOROETHENE	0.21	J	UG/L	5.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	MW-70-MNA17-08A	MW-70-MNA17	SSB1	08/29/2008 13:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	ACETONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CIS-1,2-DICHLOROETHENE	1.4		UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I043	RSK175	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I043	RSK175	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	ETHENE	0.71	J	UG/L	2.0	0.60	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I043	RSK175	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	METHANE	8.2		UG/L	2.0	0.60	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TRANS-1,2-DICHLOROETHENE	0.42	J	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TRICHLOROETHENE	2.4	J	UG/L	5.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-MNA17-09A	MW-70-MNA17	SSB1	09/01/2009 9:48	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CIS-1,2-DICHLOROETHENE	7.2		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	ETHENE	2.0	U	UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	RSK175	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	METHANE	130		UG/L	10	3.0	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TRANS-1,2-DICHLOROETHENE	3.3		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TRICHLOROETHENE	20		UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	VINYL CHLORIDE	0.27	J	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-MNA17-A10	MW-70-MNA17	SSB1	09/23/2010 13:35	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1-DICHLOROETHANE	0.26	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1-DICHLOROETHENE	1.1		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BROMIDE	3.30		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CARBON DISULFIDE	0.23	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLORIDE-CL	1610		MG/L	20.0	10.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CIS-1,2-DICHLOROETHENE	63		UG/L	25	5.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ETHENE	18		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	IRON	0.831		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	MANGANESE	0.492		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	METHANE	680		UG/L	100	30	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	SULFATE	345		MG/L	50.0	25.0	AQ
08I017	2540C	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TDS	3660		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TOC	1.87		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TOTAL ALKALINITY	225		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TRANS-1,2-DICHLOROETHENE	18		UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TRICHLOROETHENE	320		UG/L	120	5.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	VINYL CHLORIDE	410		UG/L	12	5.0	AQ
08I017	8260B	MW-70-PMW13A-08A	MW-70-PMW13A	SSB1	09/03/2008 9:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1-DICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1-DICHLOROETHENE	1.9		UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I043	300.0M	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ACETATE	1.67		MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ACETONE	10	U	UG/L	10	5.0	AQ
09I043	6010B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ARSENIC	0.00566	J	MG/L	0.200	0.00500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BROMIDE	8.04		MG/L	0.500	0.250	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	300.0M	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CARBON DISULFIDE	2.2		UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	300.0	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLORIDE-CL	2320		MG/L	40.0	20.0	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CIS-1,2-DICHLOROETHENE	75		UG/L	50	10	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I043	RSK175	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I043	RSK175	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ETHENE	18		UG/L	2.0	0.60	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	4500F	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I043	4500F	MW-70-PMW13A-09ADUP	MW-70-PMW13A	SSB1	09/01/2009 10:57	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I043	6010B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	IRON	1.33		MG/L	0.200	0.0400	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0M	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I043	6010B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	MANGANESE	0.532		MG/L	0.200	0.00300	AQ
09I043	RSK175	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	METHANE	350		UG/L	40	12	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	NITRATE-N	0.121	J	MG/L	0.200	0.0500	AQ
09I043	300.0	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0M	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	SULFATE	450		MG/L	100	50.0	AQ
09I043	2540C	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TDS	5040		MG/L	20.0	5.00	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	5310B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TOC	2.26		MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	2320B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TOTAL ALKALINITY	217		MG/L	5.00	1.00	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TRANS-1,2-DICHLOROETHENE	58		UG/L	50	10	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TRICHLOROETHENE	370		UG/L	250	10	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	VINYL CHLORIDE	460		UG/L	25	10	AQ
09I043	8260B	MW-70-PMW13A-09A	MW-70-PMW13A	SSB1	09/01/2009 10:57	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1-DICHLOROETHANE	0.28	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1-DICHLOROETHENE	3.7		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	300.0M	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	6010B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BROMIDE	5.03		MG/L	0.500	0.250	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	300.0M	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CARBON DISULFIDE	2.2		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	300.0	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLORIDE-CL	2200		MG/L	40.0	20.0	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CIS-1,2-DICHLOROETHENE	150		UG/L	100	20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ETHENE	5.1		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	4500F	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I148	6010B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	IRON	1.97		MG/L	0.200	0.0400	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	6010B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	MANGANESE	0.475		MG/L	0.200	0.00300	AQ
10I148	RSK175	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	METHANE	55		UG/L	4.0	1.2	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I148	300.0	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	SULFATE	486		MG/L	100	50.0	AQ
10I148	2540C	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TDS	4770		MG/L	20.0	5.00	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	5310B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TOC	1.97		MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	2320B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TRANS-1,2-DICHLOROETHENE	110		UG/L	100	20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TRICHLOROETHENE	490	J	UG/L	500	20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	VINYL CHLORIDE	350		UG/L	50	20	AQ
10I148	8260B	MW-70-PMW13A-A10	MW-70-PMW13A	SSB1	09/09/2010 10:49	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1-DICHLOROETHANE	0.56	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1-DICHLOROETHENE	2.4		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BROMIDE	11.6		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLORIDE-CL	3780		MG/L	40.0	20.0	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CIS-1,2-DICHLOROETHENE	180		UG/L	25	5.0	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ETHENE	2.4		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	IRON	3.42		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	MANGANESE	0.647		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	METHANE	16		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	SULFATE	634		MG/L	100	50.0	AQ
08I017	2540C	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TDS	8270		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TOC	1.65		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TRANS-1,2-DICHLOROETHENE	38		UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TRICHLOROETHENE	900		UG/L	120	5.0	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	VINYL CHLORIDE	2.9		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW13B-08A	MW-70-PMW13B	SSB1	09/03/2008 9:55	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1-DICHLOROETHANE	0.85	J	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1-DICHLOROETHENE	2.8		UG/L	0.50	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I043	300.0M	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ACETATE	1.37		MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ACETONE	10	U	UG/L	10	5.0	AQ
09I043	6010B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BROMIDE	11.8		MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	300.0M	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CARBON DISULFIDE	0.46	J	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	300.0	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLORIDE-CL	3380		MG/L	40.0	20.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CIS-1,2-DICHLOROETHENE	360		UG/L	25	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I043	RSK175	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I043	RSK175	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ETHENE	2.1		UG/L	2.0	0.60	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	4500F	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I043	6010B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	IRON	3.01		MG/L	0.200	0.0400	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0M	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I043	6010B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	MANGANESE	0.545		MG/L	0.200	0.00300	AQ
09I043	RSK175	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	METHANE	13		UG/L	2.0	0.60	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	NITRATE-N	0.146	J	MG/L	0.200	0.0500	AQ
09I043	300.0	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0M	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	300.0	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	SULFATE	609		MG/L	100	50.0	AQ
09I043	2540C	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TDS	7840		MG/L	20.0	5.00	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	5310B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TOC	1.78		MG/L	1.00	0.500	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	2320B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TOTAL ALKALINITY	205		MG/L	5.00	1.00	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TRANS-1,2-DICHLOROETHENE	99		UG/L	25	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TRICHLOROETHENE	1100		UG/L	120	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	VINYL CHLORIDE	59		UG/L	12	5.0	AQ
09I043	8260B	MW-70-PMW13B-09A	MW-70-PMW13B	SSB1	09/01/2009 12:11	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1-DICHLOROETHANE	0.59	J	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1-DICHLOROETHENE	3.1		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	300.0M	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	6010B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BROMIDE	11.7		MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	300.0M	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	300.0	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLORIDE-CL	4060		MG/L	40.0	20.0	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CIS-1,2-DICHLOROETHENE	270		UG/L	100	20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	RSK175	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I148	RSK175	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ETHENE	0.76	J	UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	4500F	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I148	6010B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	IRON	1.95		MG/L	0.200	0.0400	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	6010B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	MANGANESE	0.524		MG/L	0.200	0.00300	AQ
10I148	RSK175	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	METHANE	20		UG/L	2.0	0.60	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I148	300.0	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0M	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	300.0	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	SULFATE	742		MG/L	100	50.0	AQ
10I148	2540C	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TDS	7680		MG/L	20.0	5.00	AQ
10I148	2540C	MW-70-PMW13B-A10DUP	MW-70-PMW13B	SSB1	09/09/2010 11:33	TDS	7500		MG/L	20.0	5.00	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	5310B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TOC	1.74		MG/L	1.00	0.500	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	2320B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TOTAL ALKALINITY	207		MG/L	5.00	1.00	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TRANS-1,2-DICHLOROETHENE	66		UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TRICHLOROETHENE	1300		UG/L	500	20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	VINYL CHLORIDE	10		UG/L	0.50	0.20	AQ
10I148	8260B	MW-70-PMW13B-A10	MW-70-PMW13B	SSB1	09/09/2010 11:33	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1-DICHLOROETHANE	0.33	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1-DICHLOROETHENE	2.1		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BROMIDE	4.58		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	300.0M	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLORIDE-CL	1480		MG/L	20.0	10.0	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CIS-1,2-DICHLOROETHENE	180		UG/L	25	5.0	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ETHENE	1.7	J	UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	IRON	3.01		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	MANGANESE	2.19		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	METHANE	8.8		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	SULFATE	383		MG/L	50.0	25.0	AQ
08I017	2540C	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TDS	3820		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TOC	2.08		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TOTAL ALKALINITY	193		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TRANS-1,2-DICHLOROETHENE	23		UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TRICHLOROETHENE	1100		UG/L	120	5.0	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	VINYL CHLORIDE	5.8		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14A-08A	MW-70-PMW14A	SSB1	09/03/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1-DICHLOROETHANE	0.33	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1-DICHLOROETHENE	2.2		UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I231	300.0M	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ACETATE	1.43		MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	ACETATE	1.41		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ACETONE	10	U	UG/L	10	5.0	AQ
09I231	6010B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMIDE	6.94		MG/L	1.00	0.500	AQ
09I231	300.0	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMIDE	6.87		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	300.0M	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CARBON DISULFIDE	0.52	J	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I231	300.0	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLORIDE-CL	2000		MG/L	20.0	10.0	AQ
09I231	300.0	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLORIDE-CL	2000		MG/L	20.0	10.0	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CIS-1,2-DICHLOROETHENE	320		UG/L	50	10	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1714	PCR	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	Dhc	5.00E+05		c/L	4.00E+03	1.0	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I231	RSK175	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I231	RSK175	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ETHENE	12		UG/L	2.0	0.60	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	4500F	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I231	4500F	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
09I231	6010B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	IRON	2.53		MG/L	0.200	0.0400	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I231	6010B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	MANGANESE	0.706		MG/L	0.200	0.00300	AQ
09I231	RSK175	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	METHANE	33		UG/L	2.0	0.60	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I231	300.0	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
09I231	300.0	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	NITRITE-N	0.400	U	MG/L	0.400	0.100	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0M	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	300.0M	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	300.0	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	SULFATE	373		MG/L	50.0	25.0	AQ
09I231	300.0	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	SULFATE	374		MG/L	50.0	25.0	AQ
09I231	2540C	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TDS	4390		MG/L	20.0	5.00	AQ
09I231	2540C	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	TDS	4390		MG/L	20.0	5.00	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	5310B	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	TOC	3.36		MG/L	1.00	0.500	AQ
09I231	5310B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TOC	3.59		MG/L	1.00	0.500	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	2320B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TOTAL ALKALINITY	242		MG/L	5.00	1.00	AQ
09I231	2320B	MW-70-PMW14A-09ADUP	MW-70-PMW14A	SSB1	09/16/2009 11:30	TOTAL ALKALINITY	243		MG/L	5.00	1.00	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TRANS-1,2-DICHLOROETHENE	73		UG/L	50	10	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TRICHLOROETHENE	180	J	UG/L	250	10	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
S-1714	PCR	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	vcrA	7.00E+03	U	c/L	7.00E+03	1.0	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	VINYL CHLORIDE	730		UG/L	25	10	AQ
09I231	8260B	MW-70-PMW14A-09A	MW-70-PMW14A	SSB1	09/16/2009 11:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09L289	8270C-SIM	MW-70-PMW14A-09X	MW-70-PMW14A	SSB1	12/16/2009 8:30	1,4-DIOXANE	1.0	U	UG/L	1.0	0.62	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1-DICHLOROETHENE	0.22	J	UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C212	300.0M	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ACETATE	0.530	J	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ACETONE	5.6	J	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	300.0M	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CARBON DISULFIDE	1.3		UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CIS-1,2-DICHLOROETHENE	35		UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	Dhc	9.00E+05		c/L	4.00E+03	1.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C212	RSK175	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C212	RSK175	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ETHENE	2.0		UG/L	2.0	0.60	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C212	RSK175	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	METHANE	220		UG/L	20	6.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	5310B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TOC	6.36		MG/L	2.00	1.00	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TRANS-1,2-DICHLOROETHENE	7.0		UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TRICHLOROETHENE	6.6		UG/L	5.0	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1854	PCR	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	vcrA	8.00E+03	U	c/L	8.00E+03	1.0	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	VINYL CHLORIDE	70		UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14A-P10	MW-70-PMW14A	SSB1	03/16/2010 9:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1-DICHLOROETHANE	0.45	J	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1-DICHLOROETHENE	1.9		UG/L	0.50	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I305	300.0M	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	300.0M	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ACETONE	10	U	UG/L	10	5.0	AQ
10I305	6010B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ARSENIC	0.00516	J	MG/L	0.200	0.00500	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMIDE	7.62		MG/L	2.50	1.25	AQ
10I305	300.0	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMIDE	7.33		MG/L	2.50	1.25	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	300.0M	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	300.0M	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I305	300.0	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLORIDE-CL	1890		MG/L	40.0	20.0	AQ
10I305	300.0	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLORIDE-CL	1880		MG/L	40.0	20.0	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CIS-1,2-DICHLOROETHENE	630		UG/L	50	10	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	Dhc	3.00E+05		c/L	4.00E+03	1.0	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I305	RSK175	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10I305	RSK175	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ETHENE	8.4		UG/L	2.0	0.60	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I305	4500F	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I305	4500F	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I305	6010B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	IRON	3.94		MG/L	0.200	0.0400	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0M	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	300.0M	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I305	6010B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	MANGANESE	0.609		MG/L	0.200	0.00300	AQ
10I305	RSK175	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	METHANE	3300		UG/L	500	150	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I305	300.0	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I305	300.0	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I305	300.0	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0M	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I305	300.0M	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	300.0	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	SULFATE	435		MG/L	100	50.0	AQ
10I305	300.0	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	SULFATE	437		MG/L	100	50.0	AQ
10I305	2540C	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TDS	4110		MG/L	20.0	5.00	AQ
10I305	2540C	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	TDS	3930		MG/L	20.0	5.00	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	5310B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TOC	3.49		MG/L	1.00	0.500	AQ
10I305	5310B	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	TOC	3.52		MG/L	1.00	0.500	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	2320B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TOTAL ALKALINITY	215		MG/L	5.00	1.00	AQ
10I305	2320B	MW-70-PMW14A-A10DUP	MW-70-PMW14A	SSB1	09/20/2010 11:40	TOTAL ALKALINITY	216		MG/L	5.00	1.00	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TRANS-1,2-DICHLOROETHENE	61		UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TRICHLOROETHENE	14		UG/L	5.0	0.20	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	VINYL CHLORIDE	340		UG/L	25	10	AQ
10I305	8260B	MW-70-PMW14A-A10	MW-70-PMW14A	SSB1	09/20/2010 11:40	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1-DICHLOROETHANE	0.58	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1-DICHLOROETHENE	2.1		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	300.0M	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	6010B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ARSENIC	0.0123	J	MG/L	0.200	0.00500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BROMIDE	9.51		MG/L	0.500	0.250	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	300.0M	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CARBON DISULFIDE	0.35	J	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	300.0	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLORIDE-CL	3190		MG/L	40.0	20.0	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CIS-1,2-DICHLOROETHENE	130		UG/L	25	5.0	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	RSK175	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ETHANE	0.88	J	UG/L	2.0	0.60	AQ
08I017	RSK175	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ETHENE	5.9		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	4500F	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
08I017	6010B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	IRON	3.11		MG/L	0.200	0.0400	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	6010B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	MANGANESE	1.07		MG/L	0.200	0.00300	AQ
08I017	RSK175	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	METHANE	12		UG/L	2.0	0.60	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
08I017	300.0	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0M	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	300.0	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	SULFATE	544		MG/L	100	50.0	AQ
08I017	2540C	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TDS	735		MG/L	20.0	5.00	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	5310B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TOC	1.72		MG/L	1.00	0.500	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	2320B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TOTAL ALKALINITY	208		MG/L	5.00	1.00	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TRANS-1,2-DICHLOROETHENE	28		UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TRICHLOROETHENE	530		UG/L	120	5.0	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	VINYL CHLORIDE	2.0		UG/L	0.50	0.20	AQ
08I017	8260B	MW-70-PMW14B-08A	MW-70-PMW14B	SSB1	09/03/2008 9:05	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROETHANE	0.33	J	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROETHANE	0.35	J	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROETHENE	1.6		UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROETHENE	1.9		UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I065	300.0M	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ACETATE	1.34		MG/L	1.00	0.500	AQ
09I065	300.0M	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ACETATE	1.02		MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ACETONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ACETONE	10	U	UG/L	10	5.0	AQ
09I065	6010B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ARSENIC	0.00692	J	MG/L	0.200	0.00500	AQ
09I065	6010B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ARSENIC	0.00752	J	MG/L	0.200	0.00500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMIDE	14.2		MG/L	1.00	0.500	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I065	300.0	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMIDE	14.8		MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	300.0M	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	300.0M	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I065	300.0	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLORIDE-CL	3790		MG/L	80.0	40.0	AQ
09I065	300.0	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLORIDE-CL	4120		MG/L	80.0	40.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CIS-1,2-DICHLOROETHENE	590		UG/L	25	5.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CIS-1,2-DICHLOROETHENE	630		UG/L	25	5.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1695	PCR	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
S-1695	PCR	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	Dhc	5.00E+02	J	c/L	4.00E+03	1.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I065	RSK175	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I065	RSK175	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
09I065	RSK175	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHENE	2.9		UG/L	2.0	0.60	AQ
09I065	RSK175	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHENE	2.5		UG/L	2.0	0.60	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	4500F	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	HYDROGEN SULFIDE	1.01		MG/L	1.00	0.400	AQ
09I065	4500F	MW-70-PMW14B-09ADUP	MW-70-PMW14B	SSB1	09/03/2009 8:50	HYDROGEN SULFIDE	1.02		MG/L	1.00	0.400	AQ
09I065	4500F	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	HYDROGEN SULFIDE	1.05		MG/L	1.00	0.400	AQ
09I065	6010B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	IRON	15.0		MG/L	0.200	0.0400	AQ
09I065	6010B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	IRON	15.6		MG/L	0.200	0.0400	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I065	300.0M	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	300.0M	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I065	6010B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	MANGANESE	1.45		MG/L	0.200	0.00300	AQ
09I065	6010B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	MANGANESE	1.52		MG/L	0.200	0.00300	AQ
09I065	RSK175	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	METHANE	17000		UG/L	2000	600	AQ
09I065	RSK175	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	METHANE	18000		UG/L	2000	600	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	NITRATE-N	0.0896	J	MG/L	0.200	0.0500	AQ
09I065	300.0	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	NITRATE-N	0.0768	J	MG/L	0.200	0.0500	AQ
09I065	300.0	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I065	300.0	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	NITRITE-N	0.200	U	MG/L	0.200	0.0500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0M	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	300.0M	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	300.0	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	SULFATE	176		MG/L	20.0	10.0	AQ
09I065	300.0	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	SULFATE	183		MG/L	20.0	10.0	AQ
09I065	2540C	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TDS	9640		MG/L	20.0	5.00	AQ
09I065	2540C	MW-70-PMW14B-09ADUP	MW-70-PMW14B	SSB1	09/03/2009 8:50	TDS	9880		MG/L	20.0	5.00	AQ
09I065	2540C	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TDS	9980		MG/L	20.0	5.00	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	5310B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOC	5.48		MG/L	1.00	0.500	AQ
09I065	5310B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOC	5.91		MG/L	1.00	0.500	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	2320B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOTAL ALKALINITY	641		MG/L	5.00	1.00	AQ
09I065	2320B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TOTAL ALKALINITY	654		MG/L	5.00	1.00	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRANS-1,2-DICHLOROETHENE	29		UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRANS-1,2-DICHLOROETHENE	32		UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRICHLOROETHENE	16		UG/L	5.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRICHLOROETHENE	17		UG/L	5.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-1695	PCR	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
S-1695	PCR	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	VINYL CHLORIDE	4.9		UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	VINYL CHLORIDE	5.1		UG/L	0.50	0.20	AQ
09I065	8260B	MW-70-PMW14B-09A	MW-70-PMW14B	SSB1	09/03/2009 8:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	MW-70-PMW14B-09AD	MW-70-PMW14B	SSB1	09/03/2009 8:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1-DICHLOROETHANE	0.20	J	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1-DICHLOROETHENE	1.5		UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C212	300.0M	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ACETATE	9.87		MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ACETONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	300.0M	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CIS-1,2-DICHLOROETHENE	310		UG/L	100	20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-1854	PCR	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	Dhc	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C212	RSK175	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ETHANE	2.0	U	UG/L	2.0	0.60	AQ
10C212	RSK175	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ETHENE	3.8		UG/L	2.0	0.60	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	LACTATE	0.750	J	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C212	RSK175	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	METHANE	18000		UG/L	2000	600	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	300.0M	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	5310B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TOC	3.16		MG/L	1.00	0.500	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TRANS-1,2-DICHLOROETHENE	14		UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TRICHLOROETHENE	7.9		UG/L	5.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	VINYL CHLORIDE	28		UG/L	0.50	0.20	AQ
10C212	8260B	MW-70-PMW14B-P10	MW-70-PMW14B	SSB1	03/16/2010 9:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1-DICHLOROETHANE	0.61	J	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1-DICHLOROETHENE	2.6		UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	300.0M	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	6010B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BROMIDE	10.6		MG/L	2.50	1.25	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLORIDE-CL	3770		MG/L	40.0	20.0	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CIS-1,2-DICHLOROETHENE	600		UG/L	50	10	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	Dhc	2.00E+04		c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ETHANE	2.8		UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ETHENE	19		UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	4500F	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I370	6010B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	IRON	10.5		MG/L	0.200	0.0400	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	6010B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	MANGANESE	1.11		MG/L	0.200	0.00300	AQ
10I370	RSK175	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	METHANE	22000		UG/L	2000	600	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I370	300.0	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	SULFATE	691		MG/L	100	50.0	AQ
10I370	2540C	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TDS	6780		MG/L	20.0	5.00	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	5310B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TOC	3.24		MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	2320B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TOTAL ALKALINITY	310		MG/L	5.00	1.00	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TRANS-1,2-DICHLOROETHENE	47		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TRICHLOROETHENE	17		UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	VINYL CHLORIDE	430		UG/L	25	10	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	MW-70-PMW14B-A10	MW-70-PMW14B	SSB1	09/23/2010 14:48	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1-DICHLOROETHANE	0.62	J	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1-DICHLOROETHENE	3.1		UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	300.0M	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ACETATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	6010B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ARSENIC	0.200	U	MG/L	0.200	0.00500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BROMIDE	10.7		MG/L	2.50	1.25	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	BUTYRATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLORIDE-CL	3750		MG/L	40.0	20.0	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CIS-1,2-DICHLOROETHENE	600		UG/L	50	10	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
S-2003	PCR	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	Dhc	2.00E+04		c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	RSK175	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ETHANE	2.5		UG/L	2.0	0.60	AQ
10I370	RSK175	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ETHENE	18		UG/L	2.0	0.60	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	4500F	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I370	4500F	MW-70-PMW14B-A10-DDUP	MW-70-PMW14B	SSB1	09/23/2010 14:58	HYDROGEN SULFIDE	1.00	U	MG/L	1.00	0.400	AQ
10I370	6010B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	IRON	10.5		MG/L	0.200	0.0400	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	LACTATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	6010B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	MANGANESE	1.11		MG/L	0.200	0.00300	AQ
10I370	RSK175	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	METHANE	29000		UG/L	2000	600	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	NITRATE-N	0.200	U	MG/L	0.200	0.0500	AQ
10I370	300.0	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	NITRITE-N	1.00	U	MG/L	1.00	0.250	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0M	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	PROPIONATE	1.00	U	MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	300.0	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	SULFATE	684		MG/L	100	50.0	AQ
10I370	2540C	MW-70-PMW14B-A10-DDUP	MW-70-PMW14B	SSB1	09/23/2010 14:58	TDS	6580		MG/L	20.0	5.00	AQ
10I370	2540C	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TDS	6600		MG/L	20.0	5.00	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	5310B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TOC	2.95		MG/L	1.00	0.500	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	2320B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TOTAL ALKALINITY	310		MG/L	5.00	1.00	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TRANS-1,2-DICHLOROETHENE	48		UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TRICHLOROETHENE	18		UG/L	5.0	0.20	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
S-2003	PCR	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	vcrA	4.00E+03	U	c/L	4.00E+03	1.0	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	VINYL CHLORIDE	420		UG/L	25	10	AQ
10I370	8260B	MW-70-PMW14B-A10-D	MW-70-PMW14B	SSB1	09/23/2010 14:58	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H208	8260B	TB1-082008	Trip Blank	TripBlank	08/20/2008 8:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	MTBE	1.0	UJ	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H226	8260B	TB1-082108	Trip Blank	TripBlank	08/21/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H244	8260B	TB1-082208	Trip Blank	TripBlank	08/22/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	2-HEXANONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H260	8260B	TB1-082508	Trip Blank	TripBlank	08/25/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H279	8260B	TB1-082608	Trip Blank	TripBlank	08/26/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H295	8260B	TB1-082708	Trip Blank	TripBlank	08/27/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H312	8260B	TB1-082808	Trip Blank	TripBlank	08/28/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	N-BUTYLBENZENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	P-ISOPROPYLTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08H330	8260B	TB1-082908	Trip Blank	TripBlank	08/29/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I013	8260B	TB1-090208	Trip Blank	TripBlank	09/02/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I017	8260B	TB1-090308	Trip Blank	TripBlank	09/03/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08I028	8260B	TB1-090408	Trip Blank	TripBlank	09/04/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	ACETONE	10	U	UG/L	10	5.0	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08J164	8260B	TB1-101408	Trip Blank	TripBlank	10/14/2008 10:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TRIP BLANK	Trip Blank	TripBlank	11/03/2008 0:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K005	8260B	TB1-110308	Trip Blank	TripBlank	11/03/2008 9:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08K023	8260B	TB-1-110408	Trip Blank	TripBlank	11/04/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L125	8260B	TB1-120808	Trip Blank	TripBlank	12/08/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	ACETONE	10	U	UG/L	10	5.0	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L144	8260B	TB1-121008	Trip Blank	TripBlank	12/10/2008 0:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L191	8260B	TB1-121208	Trip Blank	TripBlank	12/12/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
08L299	8260B	TB-122208	Trip Blank	TripBlank	12/22/2008 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A010	8260B	TB-01/05/09	Trip Blank	TripBlank	01/05/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A015	8260B	TB-01/06/09	Trip Blank	TripBlank	01/06/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09A152	8260B	TB11609	Trip Blank	TripBlank	01/16/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B118	8260B	TB-021009	Trip Blank	TripBlank	02/10/2009 9:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09B132	8260B	TB-021109	Trip Blank	TripBlank	02/11/2009 12:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09C044	8260B	TB3209	Trip Blank	TripBlank	03/02/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	METHYLENE CHLORIDE	0.64	J	UG/L	1.0	0.50	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H273	8260B	TRIP BLANK	Trip Blank	TripBlank	08/25/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H310	8260B	TB-08/26/09	Trip Blank	TripBlank	08/26/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CHLOROETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09H330	8260B	TB-08/27/09	Trip Blank	TripBlank	08/27/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I017	8260B	TB-08/31/09	Trip Blank	TripBlank	08/31/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I043	8260B	TB-09/01/09	Trip Blank	TripBlank	09/01/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I072	8260B	TB-09/02/09	Trip Blank	TripBlank	09/02/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CARBON DISULFIDE	1.0	UJ	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I065	8260B	TB-09/03/09	Trip Blank	TripBlank	09/03/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2-DICHLOROPROPANE-D6	2.0	U	UG/L	2.0	0.50	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CHLOROMETHANE	0.24	J	UG/L	2.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I128	8260B	TB-09/08/09	Trip Blank	TripBlank	09/08/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I232	8260B	TB-9/15/09	Trip Blank	TripBlank	09/15/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	FREON113	1.0	UJ	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I231	8260B	TB-9/16/09	Trip Blank	TripBlank	09/16/2009 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	ACETONE	10	U	UG/L	10	5.0	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CHLOROMETHANE	0.24	J	UG/L	2.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09I251	8260B	TB-9/17/09	Trip Blank	TripBlank	09/17/2009 8:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	ACETONE	10	U	UG/L	10	5.0	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	TRICHLOROFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
09J174	8260B	TB-10/13/09	Trip Blank	TripBlank	10/13/2009 11:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	ACETONE	10	UJ	UG/L	10	5.0	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10A002	8260B	TB-010410	Trip Blank	TripBlank	01/04/2010 11:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	ACETONE	10	U	UG/L	10	5.0	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C212	8260B	20100316-TB-P10	Trip Blank	TripBlank	03/16/2010 8:30	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	ACETONE	10	U	UG/L	10	5.0	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C232	8260B	20100317-TB-P10	Trip Blank	TripBlank	03/17/2010 7:20	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	ACETONE	10	U	UG/L	10	5.0	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10C253	8260B	20100318-TB-P10	Trip Blank	TripBlank	03/18/2010 7:50	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CHLOROPROPANE	2.0	UJ	UG/L	2.0	0.50	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CHLOROMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10E354	8260B	TB-05/27/10	Trip Blank	TripBlank	05/27/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	4-CHLOROTOLUENE	1.0	UJ	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	METHYLENE CHLORIDE	0.57	J	UG/L	1.0	0.50	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10G020	8260B	TB-070110	Trip Blank	TripBlank	07/01/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	2,2-DICHLOROPROPANE	1.0	UJ	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	METHYLENE CHLORIDE	0.68	J	UG/L	1.0	0.50	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10H661	8260B	TB-08/30/10	Trip Blank	TripBlank	08/30/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I019	8260B	TB-09/01/10	Trip Blank	TripBlank	09/01/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	BROMOMETHANE	2.0	UJ	UG/L	2.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I043	8260B	TB-09/02/10	Trip Blank	TripBlank	09/02/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	METHYLENE CHLORIDE	1.0	U	UG/L	1.0	0.50	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I066	8260B	TB-09/03/10	Trip Blank	TripBlank	09/03/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	METHYLENE CHLORIDE	0.52	J	UG/L	1.0	0.50	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I075	8260B	TB-9/7/10	Trip Blank	TripBlank	09/07/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	METHYLENE CHLORIDE	0.60	J	UG/L	1.0	0.50	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I091	8260B	TB-9/8/10	Trip Blank	TripBlank	09/08/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	METHYLENE CHLORIDE	0.70	J	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/9/10	Trip Blank	TripBlank	09/09/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	METHYLENE CHLORIDE	0.65	J	UG/L	1.0	0.50	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I148	8260B	TB-9/10/10	Trip Blank	TripBlank	09/10/2010 0:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	METHYLENE CHLORIDE	0.58	J	UG/L	1.0	0.50	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I193	8260B	TB 9/15/10	Trip Blank	TripBlank	09/13/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	2-BUTANONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	ACETONE	10	UJ	UG/L	10	5.0	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	METHYLENE CHLORIDE	0.58	J	UG/L	1.0	0.50	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TETRACHLOROETHYLENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I246	8260B	TB-9/15/10	Trip Blank	TripBlank	09/15/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	METHYLENE CHLORIDE	0.70	J	UG/L	1.0	0.50	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I266	8260B	TRIP BLANK-TB-9/17/10	Trip Blank	TripBlank	09/17/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	HEXACHLOROBUTADIENE	1.0	UJ	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	METHYLENE CHLORIDE	0.77	J	UG/L	1.0	0.50	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I305	8260B	TB-09/20/10	Trip Blank	TripBlank	09/20/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	METHYLENE CHLORIDE	0.71	J	UG/L	1.0	0.50	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I343	8260B	TB-09/22/10	Trip Blank	TripBlank	09/22/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	METHYLENE CHLORIDE	0.66	J	UG/L	1.0	0.50	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I370	8260B	TB-09/23/10	Trip Blank	TripBlank	09/23/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	UJ	UG/L	2.0	0.30	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	METHYLENE CHLORIDE	0.82	J	UG/L	1.0	0.50	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I614	8260B	TB-9/27/10	Trip Blank	TripBlank	09/27/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1,1,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1,1-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1,2,2-TETRACHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1,2-TRICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1-DICHLOROETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1-DICHLOROETHENE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,1-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2,3-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2,3-TRICHLOROPROPANE	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2,4-TRICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2,4-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2-DICHLORO-3-CHLOROPROPANE	2.0	U	UG/L	2.0	0.50	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2-DIBROMOETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2-DICHLOROETHANE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,3,5-TRIMETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,3-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	1,4-DICHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	2,2-DICHLOROPROPANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	2-BUTANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	2-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	2-HEXANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	4-CHLOROTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	4-METHYL-2-PENTANONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	ACETONE	10	U	UG/L	10	5.0	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	BROMOBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	BROMODICHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	BROMOFORM	1.0	U	UG/L	1.0	0.30	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	BROMOMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CARBON DISULFIDE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CARBON TETRACHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CHLOROBENZENE	1.0	U	UG/L	1.0	0.20	AQ

Report Batch	Lab Method ID	Client Sample ID	LocationCode	Description	Sample Date	Analyte Name	Result	Lab Qualifiers	Result Units	Report Limit	Detect Limit	Sample Matrix
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CHLOROETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CHLOROFORM	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CHLOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CIS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	CIS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	DIBROMOCHLOROMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	DIBROMOMETHANE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	DICHLORODIFLUOROMETHANE	2.0	U	UG/L	2.0	0.30	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	ETHYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	FREON113	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	HEXACHLOROBUTADIENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	ISOPROPYL BENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	M/P-XYLENES	1.0	U	UG/L	1.0	0.50	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	METHYLENE CHLORIDE	0.74	J	UG/L	1.0	0.50	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	MTBE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	N-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	N-PROPYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	O-XYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	P-ISOPROPYLTOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	SEC-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	STYRENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TERT-BUTYLBENZENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TETRACHLOROETHYLENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TOLUENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TRANS-1,2-DICHLOROETHENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TRANS-1,3-DICHLOROPROPENE	1.0	U	UG/L	1.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TRICHLOROETHENE	5.0	U	UG/L	5.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	TRICHLOROFLUOROMETHANE	2.0	U	UG/L	2.0	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	VINYL CHLORIDE	0.50	U	UG/L	0.50	0.20	AQ
10I666	8260B	TB-09/28/10	Trip Blank	TripBlank	09/28/2010 7:00	XYLENES (TOTAL)	2.0	U	UG/L	2.0	0.20	AQ

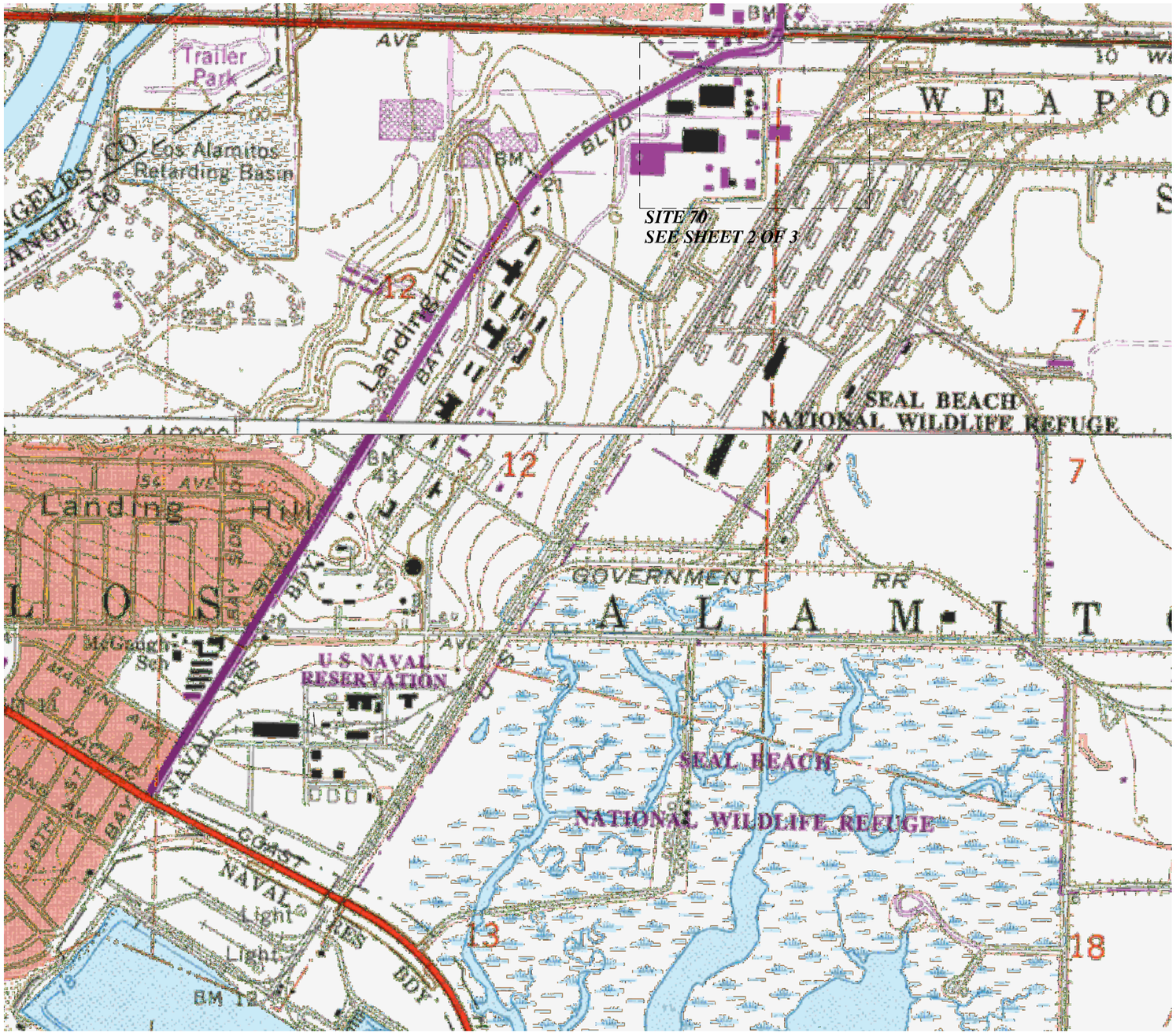
APPENDIX F

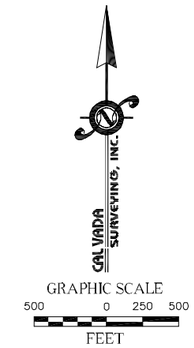
SOURCE AREA TREATMENT GRID LITHOLOGIC LOGS AND SURVEY REPORT

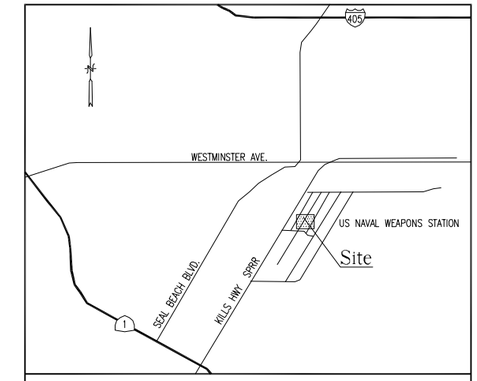
MONITORING WELLS								
WELL	NORTH	EAST	LATITUDE (DD)	LONGITUDE (DD)	TOR (ELEVATION)	FS (ELEVATION)	TOC (ELEVATION)	RISER_HT
IW-70-SAT35	2224242.29	6005863.16	33.7578070	-118.0786899	9.40	9.34	9.02	-0.32
IW-70-SAT36	2224240.96	6005881.59	33.7578043	-118.0786292	9.23	9.19	8.86	-0.33
IW-70-SAT37	2224229.21	6005880.64	33.7577719	-118.0786316	9.09	9.06	8.96	-0.10
IW-70-SAT38	2224215.28	6005887.15	33.7577340	-118.0786094	9.19	9.16	8.77	-0.39
IW-70-SAT39	2224199.16	6005880.05	33.7576893	-118.0786319	9.11	9.04	8.63	-0.41
IW-70-SAT40	2224201.29	6005893.29	33.7576958	-118.0785884	9.15	9.16	8.75	-0.41
IW-70-SAT41	2224196.03	6005916.09	33.7576825	-118.0785131	8.95	8.92	8.55	-0.37
IW-70-SAT42	2224183.70	6005896.09	33.7576476	-118.0785782	9.04	8.98	8.77	-0.21
IW-70-SAT43	2224183.59	6005916.47	33.7576483	-118.0785112	8.95	8.84	8.42	-0.42
IW-70-SAT44	2224181.51	6005974.36	33.7576454	-118.0783206	8.86	8.81	8.43	-0.38
IW-70-SAT45	2224193.23	6005995.85	33.7576786	-118.0782506	8.72	8.67	8.30	-0.37
IW-70-SAT46	2224155.27	6005884.75	33.7575690	-118.0786139	8.51	8.48	8.19	-0.29
IW-70-SAT47	2224180.44	6005940.92	33.7576408	-118.0784305	8.89	8.86	8.44	-0.42
IW-70-SAT48	2224168.70	6005984.54	33.7576107	-118.0782864	8.86	8.83	8.42	-0.41
IW-70-SAT49	2224166.15	6006005.15	33.7576047	-118.0782184	8.45	8.37	7.96	-0.41
IW-70-SAT50	2224145.73	6005926.70	33.7575448	-118.0784753	8.37	8.33	7.97	-0.36
IW-70-SAT51	2224144.99	6005975.30	33.7575451	-118.0783154	8.48	8.38	8.00	-0.38
IW-70-SAT52	2224144.89	6005996.09	33.7575458	-118.0782470	8.38	8.31	7.94	-0.37
IW-70-SAT53	2224143.90	6006027.57	33.7575446	-118.0781434	8.28	8.20	7.77	-0.43
IW-70-SAT54	2224128.75	6005967.94	33.7575001	-118.0783387	8.20	8.06	7.73	-0.33
IW-70-SAT55	2224128.29	6005986.14	33.7574997	-118.0782788	8.33	8.23	7.80	-0.43
IW-70-SAT56	2224127.58	6006005.90	33.7574987	-118.0782137	8.14	8.12	7.65	-0.47
IW-70-SAT57	2224128.64	6005886.17	33.7574959	-118.0786077	8.42	8.35	8.13	-0.22

SOIL VAPOR PROBE & MONITORING WELL LOCATIONS

SEAL BEACH NAVAL WEAPONS STATION
SEAL BEACH, CA







Vicinity Map - N.T.S.

BENCH MARK

THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE MONUMENT SKIPPER 1956, PER U.S. NAVAL WEAPONS STATION HORIZONTAL & VERTICAL CONTROL, ELEVATION 44.77 FEET, (NGVD 29)

DATES OF SURVEY

SEPTEMBER 12, 2008
AUGUST 26, 2010
SEPTEMBER 2, 2010

NOTE: THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE NGVD29 DATUM AND ARE ABOVE MEAN SEA LEVEL.

THE COORDINATES SHOWN HEREON ARE IN THE CALIFORNIA COORDINATE SYSTEM OF 1983 (NAD83), ZONE 6

COORDINATES

THE COORDINATES SHOWN HEREON ARE BASED UPON THE COUNTY OF ORANGE GPS POINT NO. 1201, CALIFORNIA COORDINATE SYSTEM 1983 (NAD 83), ZONE VI.

PREPARED FOR

INSIGHT EEC, INC.
22632 GOLDEN SPRINGS DRIVE, SUITE 270
DIAMOND BAR, CA 91765
PHONE: (909) 396-7662

NO.	DATE	REVISIONS	BY
1	10-01-08	CLIENT COMMENTS	SM
2	12-03-08	CLIENT COMMENTS	GPH
3	09-03-10	ADDITIONAL WELLS	GBM

CAL VADA SURVEYING, INC.
411 Jenks Cir., Suite 205, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9746
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 08557

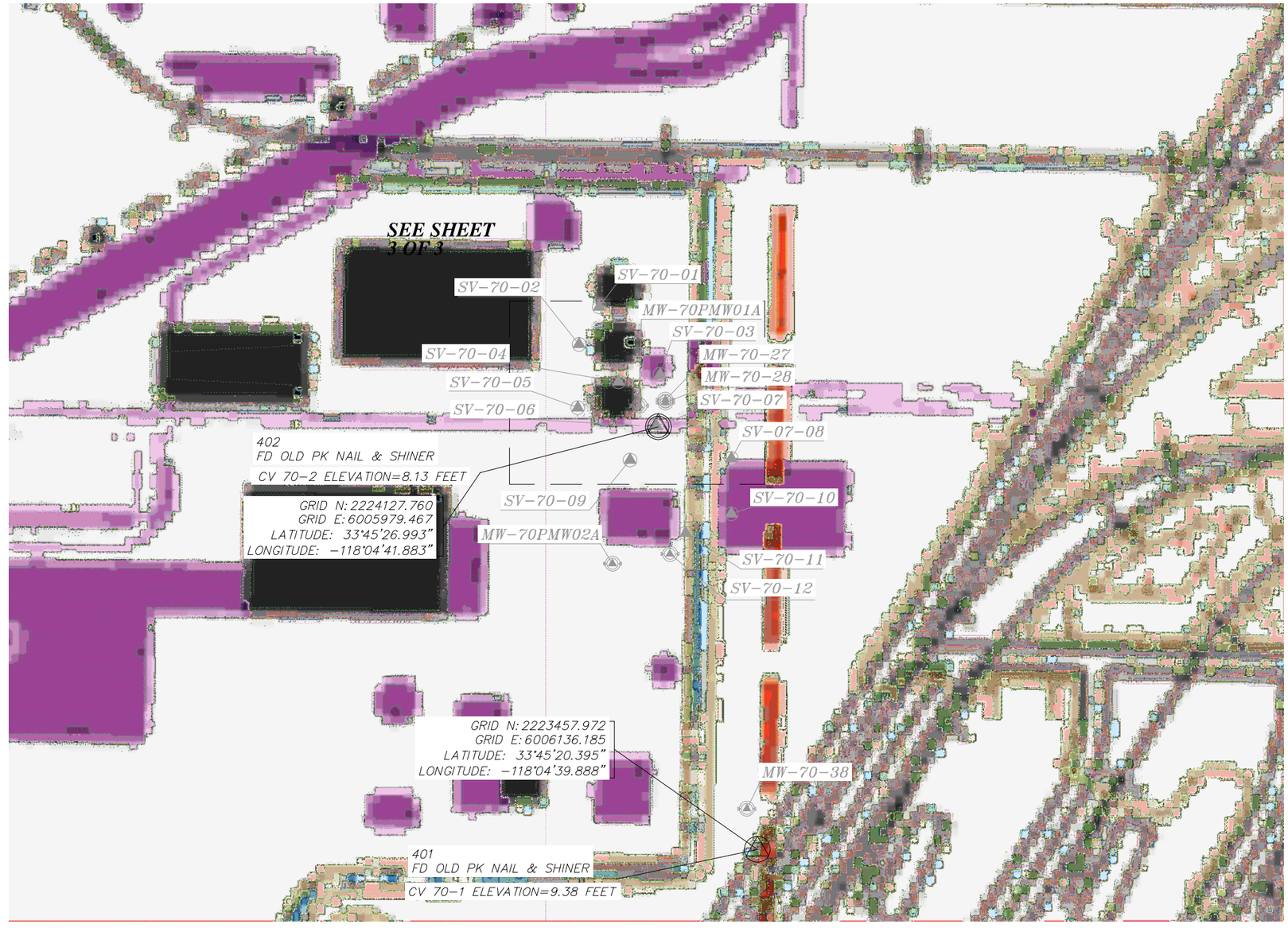
SUBMITTAL DATE: 9/16/08

IR SITE 70

GRAPHIC SCALE

200 0 100 200

FEET



DATES OF SURVEY

SEPTEMBER 12, 2008
AUGUST 26, 2010
SEPTEMBER 2, 2010

BENCH MARK

THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE MONUMENT SKIPPER 1956, PER U.S. NAVAL WEAPONS STATION HORIZONTAL & VERTICAL CONTROL, ELEVATION=44.77 FEET, (NGVD29)

COORDINATES

THE COORDINATES SHOWN HEREON ARE BASED UPON THE COUNTY OF ORANGE GPS POINT NO.: 1201, CALIFORNIA COORDINATE SYSTEM 1983 (NAD83), ZONE VI.

LEGEND

- FOUND CONTROL POINTS
- MONITORING WELL
- SOIL VAPOR PROBE
- NG NATURAL GROUND
- FS FINISH SURFACE (TOP OF CONCRETE PAD)
- TOR TOP OF RISER (WELL MONUMENT OR WELL BOX)
- TOC TOP OF WELL CASING

CONTROL POINT DATA

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATUS
	NAD83/ CA ZONE 6 (US FEET)		NGVD29 (US FEET)		
401	2224127.76	6005979.47	8.13	CV 70-2	FD PK&SHNR
402	2223457.97	6006136.19	9.38	CV 70-1	FD PK&SHNR

PREPARED FOR

INSIGHT EEC, INC.

22632 GOLDEN SPRINGS DRIVE, SUITE 270
DIAMOND BAR, CA 91765
PHONE: (909) 396-7662

NO.	DATE	REVISIONS	BY
1	10-01-08	CLIENT COMMENTS	SM
2	12-03-08	CLIENT COMMENTS	GPH
3	09-03-10	CLIENT COMMENTS	GBM

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411 Jenks Cir., Suite 205, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9746
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 08557

SUBMITTAL DATE: 9/16/08

SHEET 2 OF 3

IR SITE 70

DATES OF SURVEY

SEPTEMBER 12, 2008
AUGUST 26, 2010
SEPTEMBER 2, 2010

BENCH MARK

THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE MONUMENT SKIPPER 1956, PER U.S. NAVAL WEAPONS STATION HORIZONTAL & VERTICAL CONTROL, ELEVATION=44.77 FEET, (NGVD29)

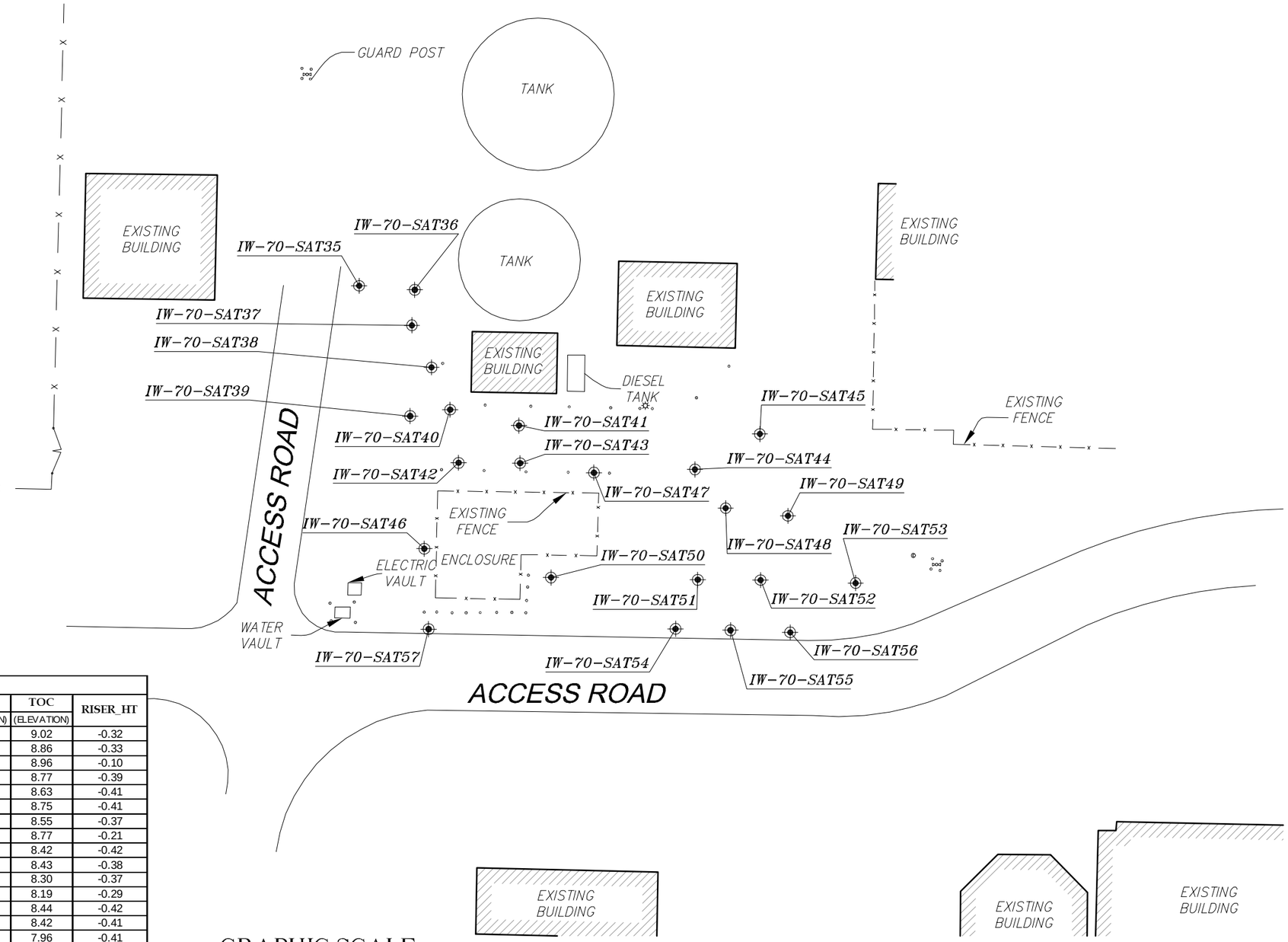
COORDINATES

THE COORDINATES SHOWN HEREON ARE BASED UPON THE COUNTY OF ORANGE GPS POINT NO.: 1201, CALIFORNIA COORDINATE SYSTEM 1983 (NAD83), ZONE VI.

LEGEND

- FOUND CONTROL POINTS
- MONITORING WELL
- SOIL VAPOR PROBE
- INJECTION WELLS

NG NATURAL GROUND
FS FINISH SURFACE (TOP OF CONCRETE PAD)
TOR TOP OF RISER (WELL MONUMENT OR WELL BOX)
TOC TOP OF WELL CASING
- LIGHT
- FIREHYDRANT
- GUARD POST
- ELECTRIC MANHOLE



SURVEYED AUGUST 26, 2010

MONITORING WELLS								
WELL	NORTH	EAST	LATITUDE (DD)	LONGITUDE (DD)	TOR (ELEVATION)	FS (ELEVATION)	TOC (ELEVATION)	RISER_HT
IW-70-SAT35	2224242.29	6005863.16	33.7578070	-118.0786899	9.40	9.34	9.02	-0.32
IW-70-SAT36	2224240.96	6005881.59	33.7578043	-118.0786292	9.23	9.19	8.86	-0.33
IW-70-SAT37	2224229.21	6005880.64	33.7577719	-118.0786316	9.09	9.06	8.96	-0.10
IW-70-SAT38	2224215.28	6005887.15	33.7577340	-118.0786094	9.19	9.16	8.77	-0.39
IW-70-SAT39	2224199.16	6005880.05	33.7576893	-118.0786319	9.11	9.04	8.63	-0.41
IW-70-SAT40	2224201.29	6005893.29	33.7576958	-118.0785884	9.15	9.16	8.75	-0.41
IW-70-SAT41	2224196.03	6005916.09	33.7576825	-118.0785131	8.95	8.92	8.55	-0.37
IW-70-SAT42	2224183.70	6005896.09	33.7576476	-118.0785782	9.04	8.98	8.77	-0.21
IW-70-SAT43	2224183.59	6005916.47	33.7576483	-118.0785112	8.95	8.84	8.42	-0.42
IW-70-SAT44	2224181.51	6005974.36	33.7576454	-118.0783206	8.86	8.81	8.43	-0.38
IW-70-SAT45	2224193.23	6005995.85	33.7576786	-118.0782506	8.72	8.67	8.30	-0.37
IW-70-SAT46	2224155.27	6005884.75	33.7575690	-118.0786139	8.51	8.48	8.19	-0.29
IW-70-SAT47	2224180.44	6005940.92	33.7576408	-118.0784305	8.89	8.86	8.44	-0.42
IW-70-SAT48	2224168.70	6005984.54	33.7576107	-118.0782864	8.86	8.83	8.42	-0.41
IW-70-SAT49	2224166.15	6006005.15	33.7576047	-118.0782184	8.45	8.37	7.96	-0.41
IW-70-SAT50	2224145.73	6005926.70	33.7575448	-118.0784753	8.37	8.33	7.97	-0.36
IW-70-SAT51	2224144.99	6005975.30	33.7575451	-118.0783154	8.48	8.38	8.00	-0.38
IW-70-SAT52	2224144.89	6005996.09	33.7575458	-118.0782470	8.38	8.31	7.94	-0.37
IW-70-SAT53	2224143.90	6006027.57	33.7575446	-118.0781434	8.28	8.20	7.77	-0.43
IW-70-SAT54	2224128.75	6005967.94	33.7575001	-118.0783387	8.20	8.06	7.73	-0.33
IW-70-SAT55	2224128.29	6005986.14	33.7574997	-118.0782788	8.33	8.23	7.80	-0.43
IW-70-SAT56	2224127.58	6006005.90	33.7574987	-118.0782137	8.14	8.12	7.65	-0.47
IW-70-SAT57	2224128.64	6005886.17	33.7574959	-118.0786077	8.42	8.35	8.13	-0.22

RISER_HT – RISER HEIGHT
RISER HEIGHT DEFINITION: THE MEASURED DISTANCE FROM GROUND SURFACE TO TOP OF WELL CASING.

GRAPHIC SCALE
40 0 20 40
FEET

PREPARED FOR
INSIGHT EEC, INC.
22632 GOLDEN SPRINGS DRIVE, SUITE 270
DIAMOND BAR, CA 91765
PHONE: (909) 396-7662

NO.	DATE	REVISIONS	BY
1	10-01-08	CLIENT COMMENTS	SM
2	12-03-08	CLIENT COMMENTS	GPH
3	09-03-10	CLIENT COMMENTS	GBM

CALVADA SURVEYING, INC.
411 Jenks Cir., Suite 205, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9746
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 08557
SUBMITTAL DATE: 9/16/08
SHEET 3 OF 3

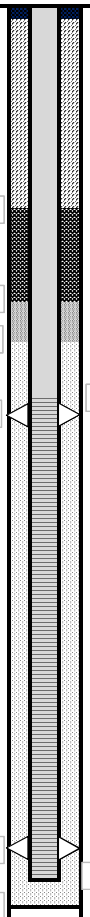
INSIGHT
Environmental, Engineering and Construction, Inc.
3010 E. MIRALOMA AVENUE
ANAHEIM, CA 92806
TELEPHONE (714) 678-6700 · FAX (714) 678-6711
INTERNET: www.ieeci.com

Well Construction Log: IW-70-SAT35

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/12/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 9.02
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.34
Surveyor:	Northing (NAD83): 2224242.29 / Easting (NAD83): 6005863.16

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	-25'
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	-55'
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		

Well Construction Log



Flush-Mount Ground Surface Completion:

Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/13/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

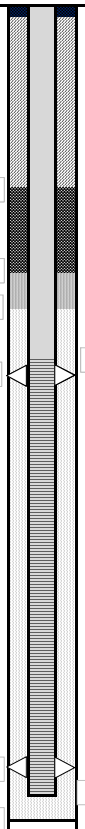
3010 E. MIRALOMA AVENUE
ANAHEIM, CA 92806
TELEPHONE (714) 678-6700 · FAX (714) 678-6711
INTERNET: www.ieeci.com

Well Construction Log: IW-70-SAT36

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 5/10/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.86
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.19
Surveyor:	Northing (NAD83): 2224240.96 / Easting (NAD83): 6005881.59

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	26'-
	26'- casing stabilizers	
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		

Well Construction Log



Flush-Mount Ground Surface Completion:

Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	5/10/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

3010 E. MIRALOMA AVENUE
ANAHEIM, CA 92806
TELEPHONE (714) 678-6700 · FAX (714) 678-6711
INTERNET: www.ieeci.com

Well Construction Log: IW-70-SAT37

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/12/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.96
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.06
Surveyor:	Northing (NAD83): 2224229.21 / Easting (NAD83): 6005880.64

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	13.5'- bentonite chips	13.5'-	
15			
	19.5'- transition sand	19.5'-	
20			
	22'- filter sand	22'-	
25	26.5' - top of screen		-26.5'
	27'- casing stabilizers	27'-	
30			
35			
40			
45			
50			
	55.5' - casing stabilizers	55.5'-	
55	56.5'- bottom of screen		-56.5'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/13/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	26.5
Bottom of Screen (ft.-bgs)	56.5
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	13.5
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	0.5 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	22
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1150 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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ANAHEIM, CA 92806
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INTERNET: www.ieeci.com

Well Construction Log: IW-70-SAT38

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 5/11/10 & 5/12/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.77
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.16
Surveyor:	Northing (NAD83): 2224215.28 / Easting (NAD83): 6005887.15

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19.5'- transition sand	19.5'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	5/12/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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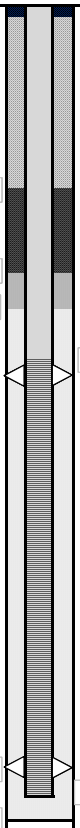
Well Construction Log: IW-70-SAT39

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/14/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.63
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.04
Surveyor:	Northing (NAD83): 2224199.16 / Easting (NAD83): 6005880.05

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19'- transition sand	19.0'-
20		
	21'- filter sand	21'-
25	25' - top of screen	
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/14/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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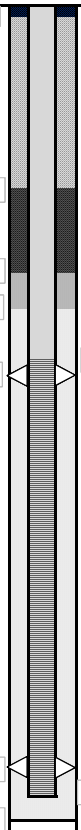
Well Construction Log: IW-70-SAT40

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/14/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.75
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 9.16
Surveyor:	Northing (NAD83): 2224201.29 / Easting (NAD83): 6005893.29

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	26'-
	26'- casing stabilizers	
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/14/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	1 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT41

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/15/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.55
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.92
Surveyor:	Northing (NAD83): 2224196.03 / Easting (NAD83): 6005916.09

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19.0'- transition sand	19.5'-	
20			
	20.5'- filter sand	20.5'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/15/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1.5 bags
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	20.5
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT42

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/16/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.77
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.98
Surveyor:	Northing (NAD83): 2224183.70 / Easting (NAD83): 6005896.09

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19'- transition sand	19'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/16/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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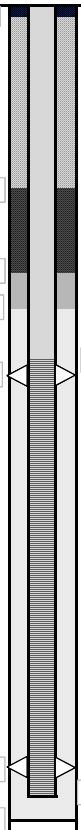
Well Construction Log: IW-70-SAT43

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/28/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.42
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.84
Surveyor:	Northing (NAD83): 2224183.59 / Easting (NAD83): 6005916.47

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/28/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1.5 bags
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT44

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/16/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.43
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.81
Surveyor:	Northing (NAD83): 2224181.51 / Easting (NAD83): 6005974.36

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19'- transition sand	19'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/16/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1.5 bags
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT45

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/26/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.30
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.67
Surveyor:	Northing (NAD83): 2224193.23 / Easting (NAD83): 6005995.85

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19'- transition sand	19'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/26/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1.5 bags
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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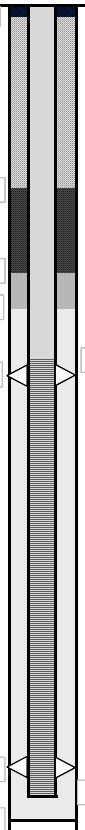
Well Construction Log: IW-70-SAT46

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 5/13/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.19
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.48
Surveyor:	Northing (NAD83): 2224155.27 / Easting (NAD83): 6005884.75

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	5/13/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1150 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT47

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 5/14/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.44
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.86
Surveyor:	Northing (NAD83): 2224180.44 / Easting (NAD83): 6005940.92

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19.5'- transition sand	19.5'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	5/14/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	1.5 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	0.75 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT48

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/27/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.42
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.83
Surveyor:	Northing (NAD83): 2224168.70 / Easting (NAD83): 6005984.54

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	13'- bentonite chips	13'-	
15			
	19'- transition sand	19'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/27/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	13
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT49

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/12/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.96
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.37
Surveyor:	Northing (NAD83): 2224166.15 / Easting (NAD83): 6006005.15

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	13.5'- bentonite chips	13.5'-	
15			
	19.5'- transition sand	19.5'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/13/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	13.5
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT50

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 5/13/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.97
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.33
Surveyor:	Northing (NAD83): 2224145.73 / Easting (NAD83): 6005926.70

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	19'- transition sand	19'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	5/13/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	1.5 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	0.5 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1050 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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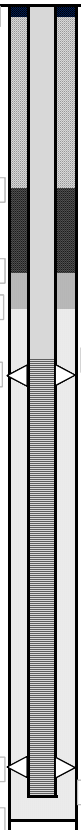
Well Construction Log: IW-70-SAT51

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/19/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.00
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.38
Surveyor:	Northing (NAD83): 2224144.99 / Easting (NAD83): 6005975.30

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/19/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	1.5 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT52

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/28/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.94
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.31
Surveyor:	Northing (NAD83): 2224144.89 / Easting (NAD83): 6005996.09

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	13'- bentonite chips	13'-	
15			
	18'- transition sand	18'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/28/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	13
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	18
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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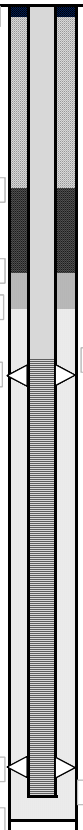
Well Construction Log: IW-70-SAT53

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/23/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.77
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.20
Surveyor:	Northing (NAD83): 2224143.90 / Easting (NAD83): 6006027.57

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19'- transition sand	19'-
20		
	21'- filter sand	21'-
25	25' - top of screen	-25'
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	-55'
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/23/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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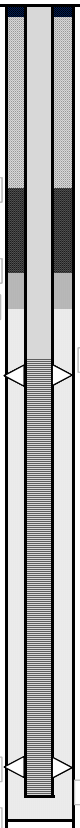
Well Construction Log: IW-70-SAT54

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/21/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.73
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.06
Surveyor:	Northing (NAD83): 2224128.75 / Easting (NAD83): 6005967.94

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19'- transition sand	19'-
20		
	21'- filter sand	21'-
25	25' - top of screen	
	26'- casing stabilizers	26'-
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		



Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/21/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	1.5 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT55

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/20/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.80
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.23
Surveyor:	Northing (NAD83): 2224128.29 / Easting (NAD83): 6005986.14

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	14'- bentonite chips	14'-	
15			
	18'- transition sand	18'-	
20			
	21'- filter sand	21'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/20/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1100 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

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Well Construction Log: IW-70-SAT56

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/20/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 7.65
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.12
Surveyor:	Northing (NAD83): 2224127.58 / Easting (NAD83): 6006005.90

Depth (ft.)	Comments	Well Material Depth	Well Construction Log
	1'- grout	1'-	
5			
10			
	13.5'- bentonite chips	13.5'-	
15			
	18.5'- transition sand	18.5'-	
20			
	20'- filter sand	20'-	
25	25' - top of screen	26'-	-25'
	26'- casing stabilizers		
30			
35			
40			
45			
50			
	54' - casing stabilizers	54'-	
55	55'- bottom of screen		-55'
	57'- bottom of boring	57'-	
60			
65			
70			
75			
80			
85			
90			
100			

Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/20/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1150 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

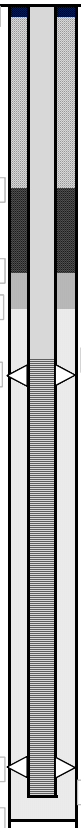
3010 E. MIRALOMA AVENUE
ANAHEIM, CA 92806
TELEPHONE (714) 678-6700 · FAX (714) 678-6711
INTERNET: www.ieeci.com

Well Construction Log: IW-70-SAT57

Project Name: Seal Beach IR Site 70 -Injection Well Construction	Project No: 4-14114
Date: 4/22/10	Drilling company: Boart & Longyear
Logged by: M. Mendoza	Top of casing elev (ft.): 8.13
Location: NWS Seal Beach	Ground surface elevation (feet above msl-NGVD29 datum): 8.35
Surveyor:	Northing (NAD83): 2224128.64 / Easting (NAD83): 6005886.17

Depth (ft.)	Comments	Well Material Depth
	1'- grout	1'-
5		
10		
	14'- bentonite chips	14'-
15		
	19.5'- transition sand	19.5'-
20		
	21'- filter sand	21'-
25	25' - top of screen	26'-
	26'- casing stabilizers	
30		
35		
40		
45		
50		
	54' - casing stabilizers	54'-
55	55'- bottom of screen	
	57'- bottom of boring	57'-
60		
65		
70		
75		
80		
85		
90		
100		

Well Construction Log



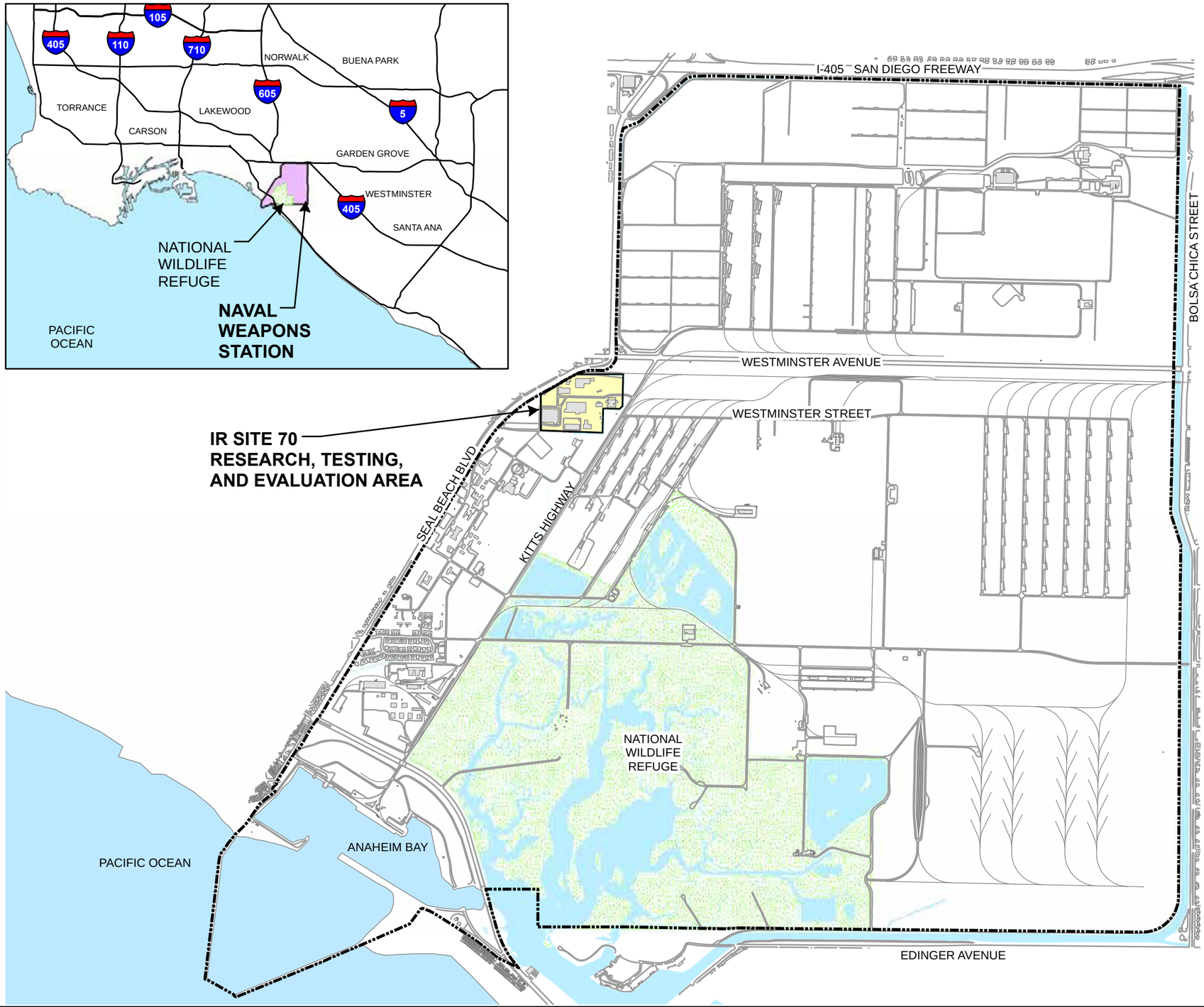
Flush-Mount Ground Surface Completion:
Surface Completion:

Type	Traffic Box
Well Casing Depth (ft.-bgs)	0.32

Borehole Depth (feet)	57
Pilot Borehole Diameter (inches)	8
Ream Borehole Diameter (inches)	N/A
Well Construction	
Well Construction Date	4/22/2010
Well Depth (feet)	55
Well Casing Diameter (inches)	4
Well Casing Material	SCH 80 PVC
Screen Slot Size/Direction	0.02 inches/horizontal
Top of Screen (ft.-bgs)	25
Bottom of Screen (ft.-bgs)	55
Grout	
Top Depth (ft.-bgs)	1
Type/Brand	Wyo-Ben Well Grout
Quantity Used	2 bags
Volume Fluid Used	N/A
Placement Method	Tremie
Bentonite Seal	
Top Depth (ft.-bgs)	14
Type/Brand	Wyo-Ben Enviroplug #8
Quantity Used	2 bags
Volume Fluid Used	N/A
Set-Up Time	10 minutes
Placement Method	Pour through casing
Transition Sand	
Top Depth (ft.-bgs)	19.5
Type/Brand	Cemex Lapis Lustre #60
Quantity Used	1 bag
Placement Method	Pour through casing
Sand/Gravel Pack	
Top Depth (ft.-bgs)	21
Type/Brand	Cemex Lapis Lustre Silicon Sand #2/12
Quantity Used	1200 lbs
Placement Method	Pour through casing
Bottom Fill	
Top Depth (ft.-bgs)	N/A
Type/Brand	N/A
Quantity Used	N/A
Placement Method	N/A

APPENDIX G

2008 BASELINE FIGURES



LEGEND

- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING

N

0 1,000 2,000 4,000 Feet

Baseline Groundwater Monitoring Report

Figure 1

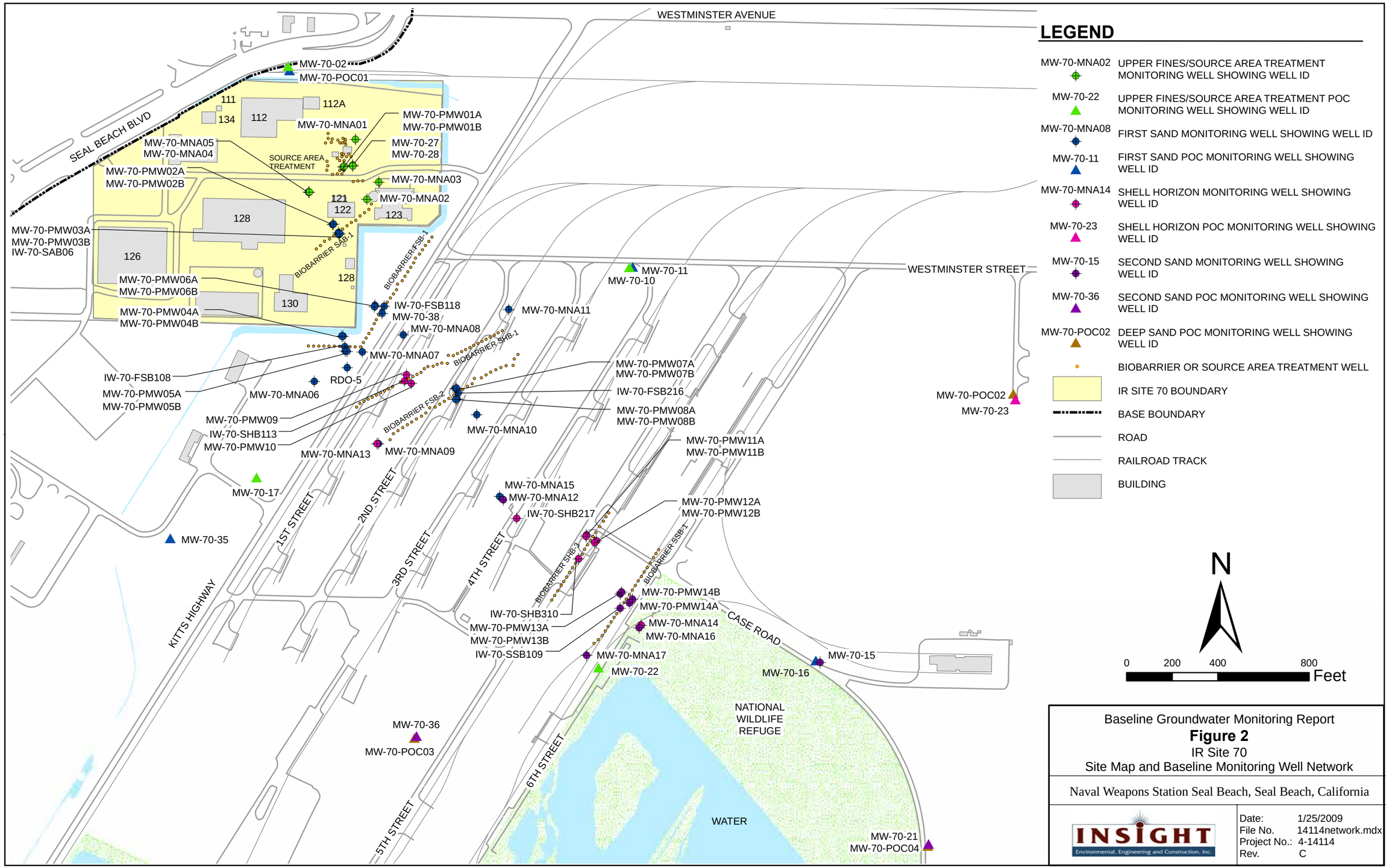
IR Site 70

Site Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	12/14/2008
File No.	14114vic.mdx
Project No.:	4-14114
Rev.	A



Baseline Groundwater Monitoring Report

Figure 2

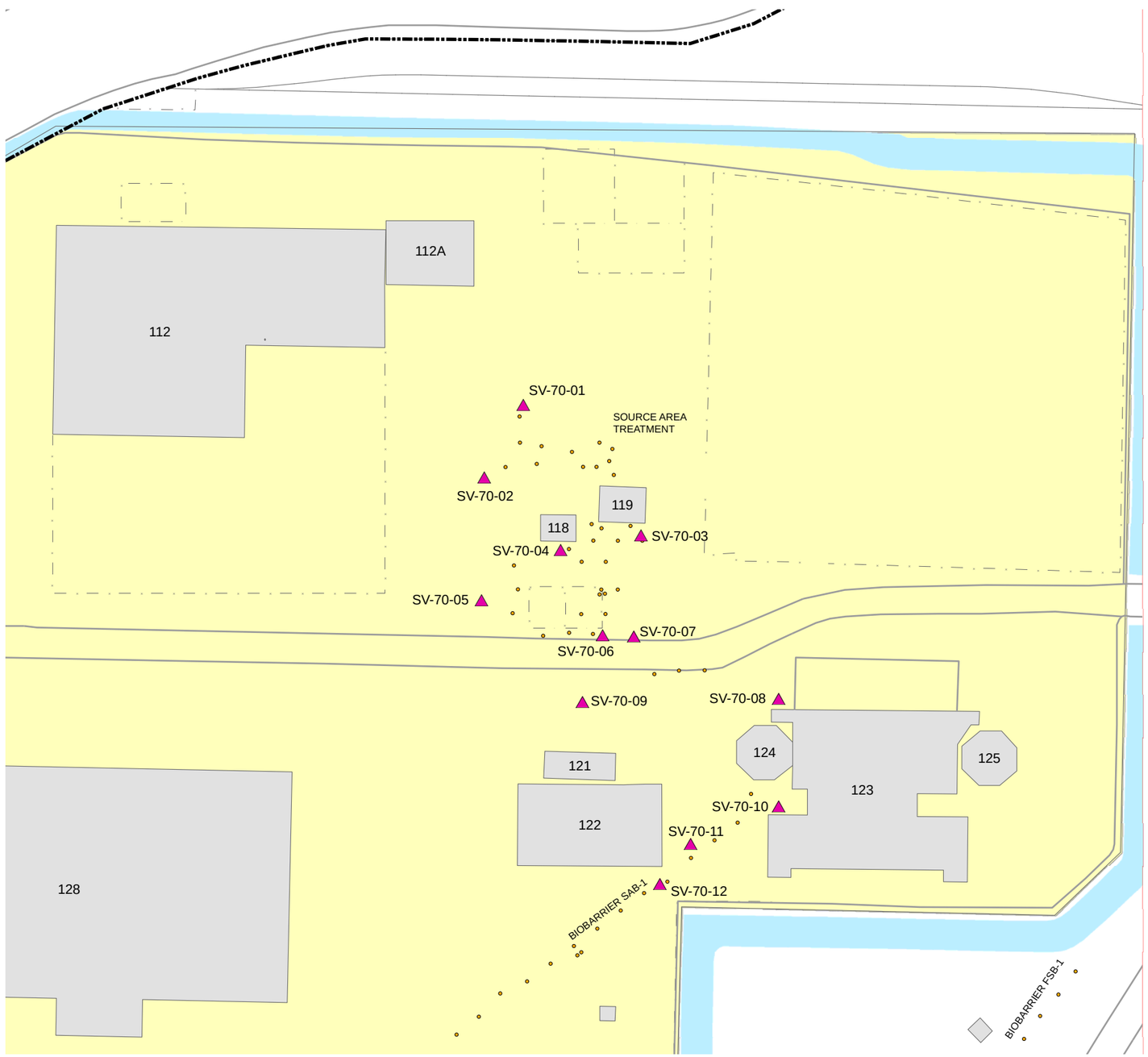
IR Site 70

Site Map and Baseline Monitoring Well Network

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	1/25/2009
File No.	14114network.mdx
Project No.:	4-14114
Rev.	C



LEGEND

- SV-70-09 — SOIL VAPOR PROBE LOCATION SHOWING ID
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- FENCE
- BUILDING

N

0 50 100 200 Feet

Baseline Groundwater Monitoring Report

Figure 3

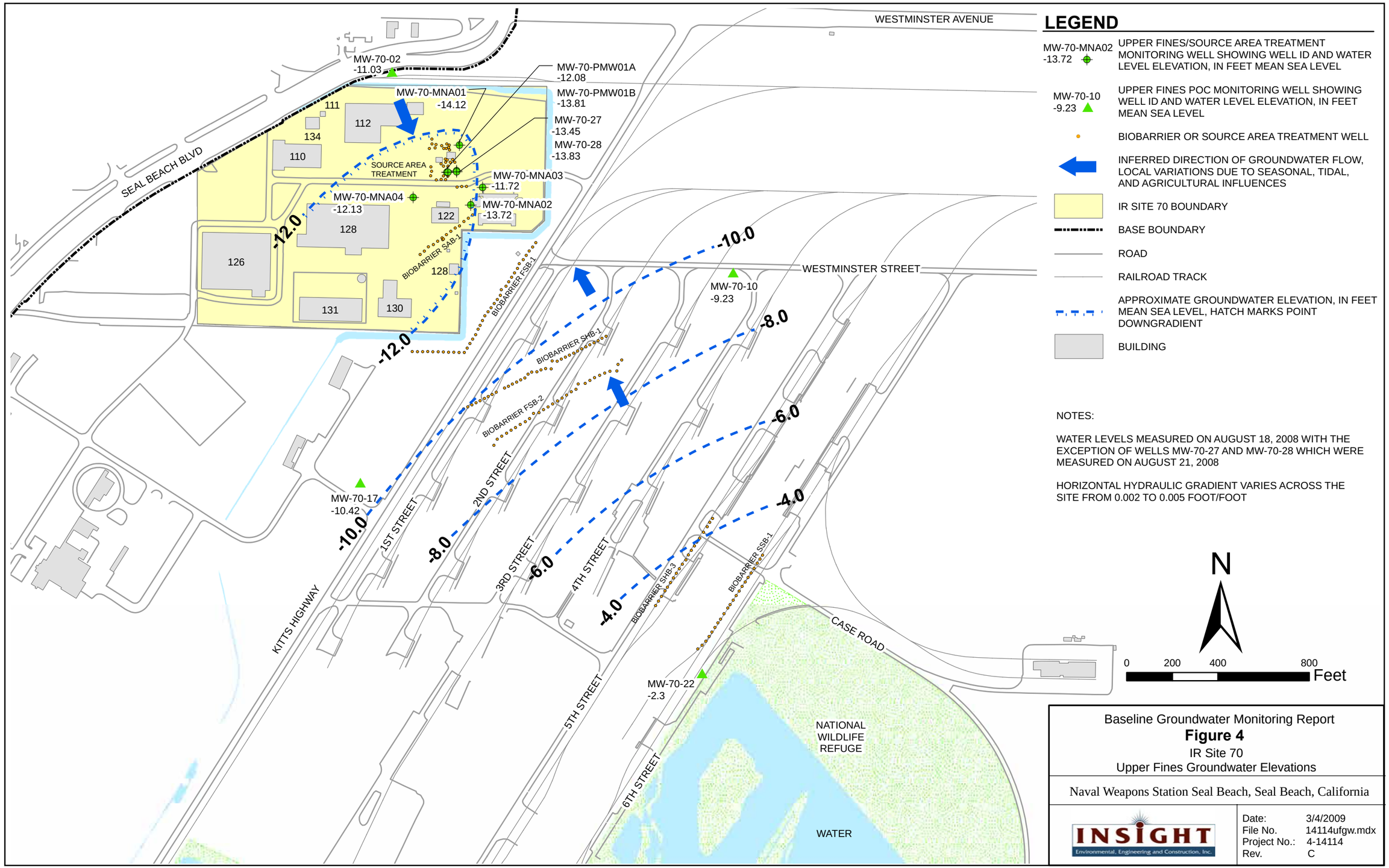
IR Site 70

Soil Vapor Location Map

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	1/18/2009
File No.	14114sv.mdx
Project No.:	4-14114
Rev.	B



LEGEND

MW-70-MNA02 -13.72 — UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL

MW-70-10 -9.23 — UPPER FINES POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL

BIOBARRIER OR SOURCE AREA TREATMENT WELL

INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL, HATCH MARKS POINT DOWNGRADIENT

BUILDING

NOTES:

WATER LEVELS MEASURED ON AUGUST 18, 2008 WITH THE EXCEPTION OF WELLS MW-70-27 AND MW-70-28 WHICH WERE MEASURED ON AUGUST 21, 2008

HORIZONTAL HYDRAULIC GRADIENT VARIES ACROSS THE SITE FROM 0.002 TO 0.005 FOOT/FOOT

Baseline Groundwater Monitoring Report

Figure 4

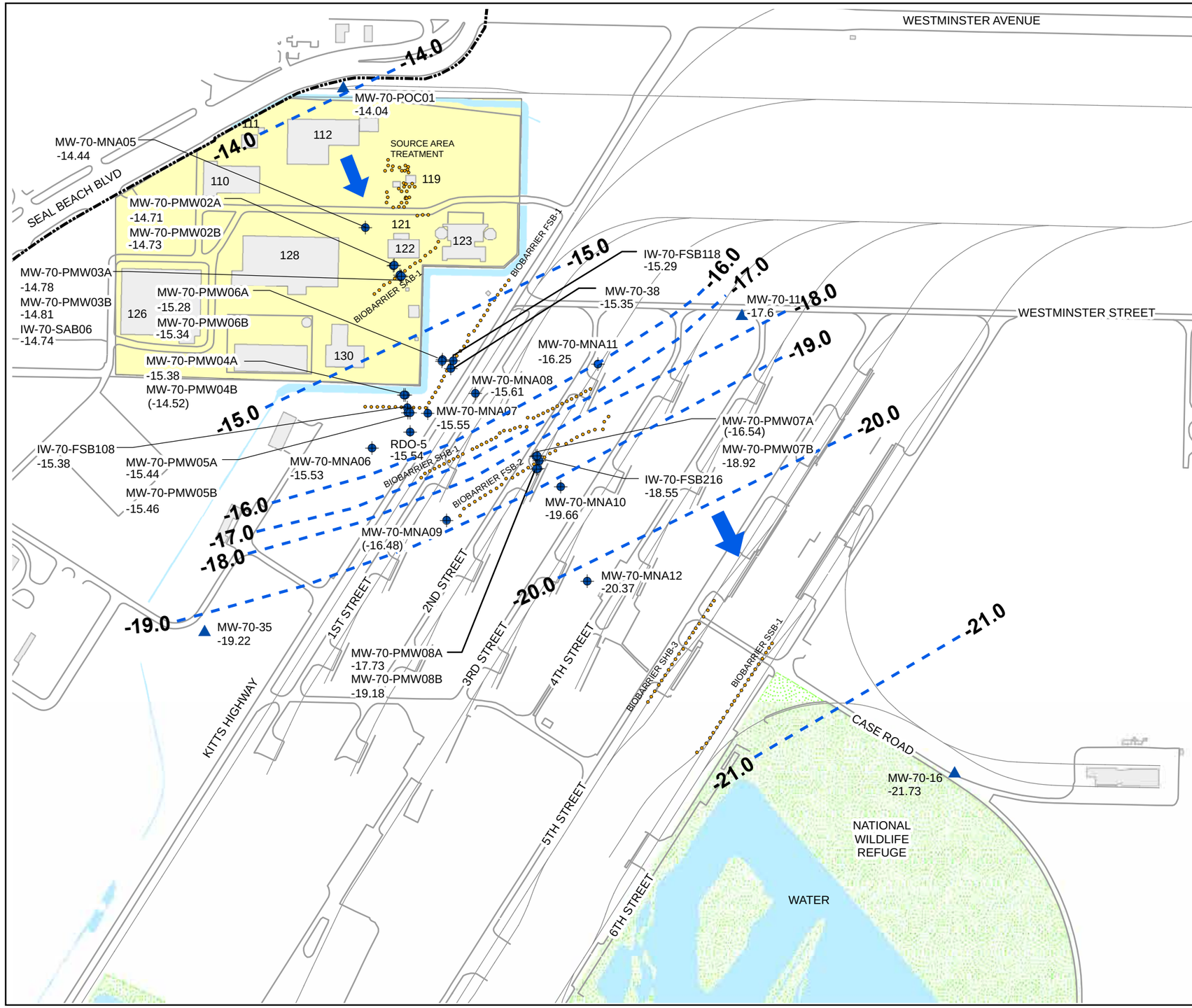
IR Site 70

Upper Fines Groundwater Elevations

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date:	3/4/2009
File No.	14114ufgw.mdx
Project No.:	4-14114
Rev.	C



LEGEND

MW-70-MNA08 -15.61	FIRST SAND MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET BGS MEAN SEA LEVEL
MW-70-16 -21.73	FIRST SAND POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET BGS MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GROUNDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL

WATER LEVELS MEASURED ON AUGUST 18, 2008

HORIZONTAL HYDRAULIC GRADIENT VARIES ACROSS THE SITE FROM 0.0007 TO 0.009 FOOT/FOOT

N

0 200 400 800 Feet

Baseline Groundwater Monitoring Report

Figure 5

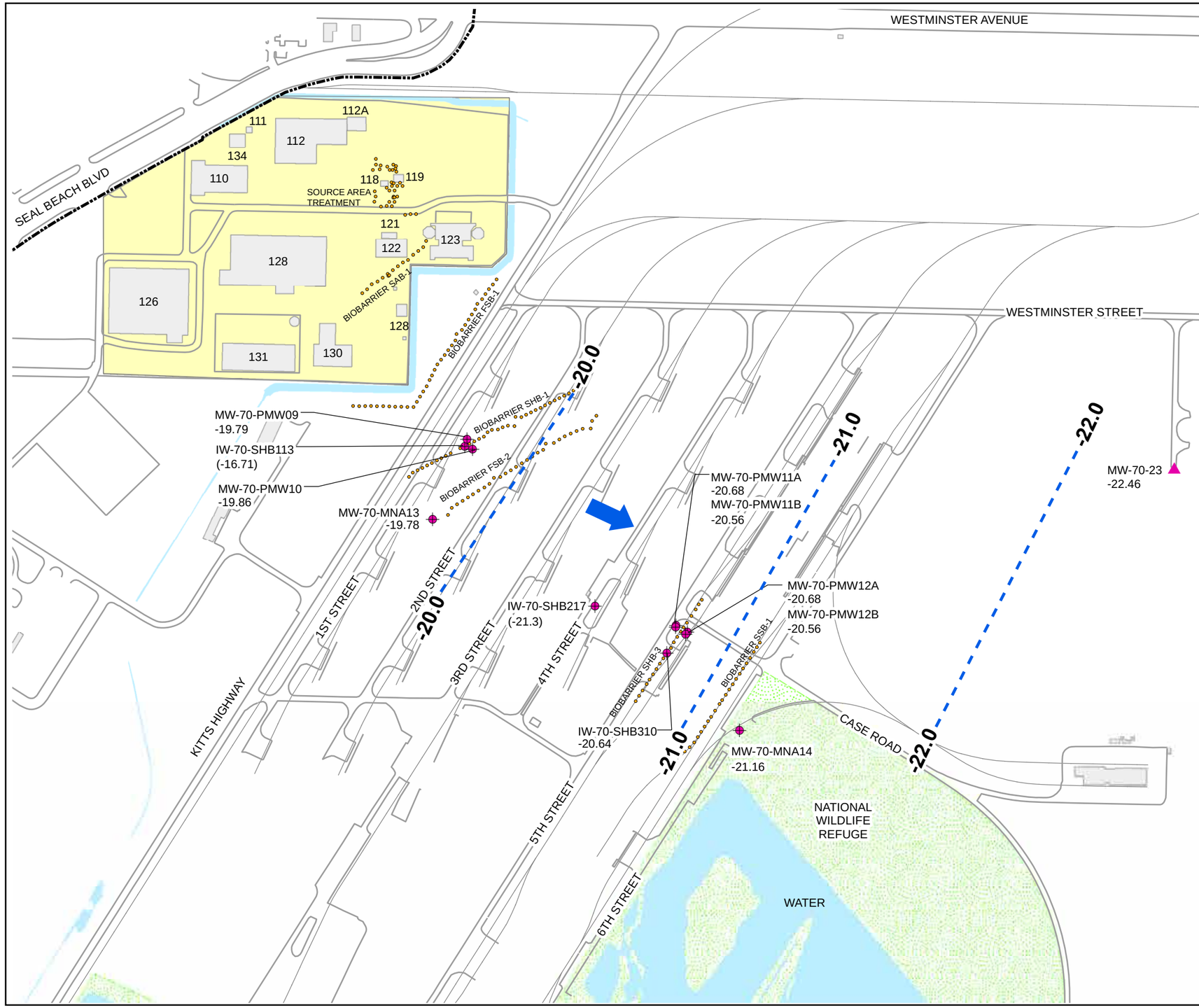
IR Site 70

First Sand Groundwater Elevations

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date:	3/4/2009
File No.	14114fsgw.mdx
Project No.:	4-14114
Rev.	C



LEGEND

MW-70-MNA14 -21.16	SHELL HORIZON MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
MW-70-23 -22.46	SHELL HORIZON POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GROUNDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL

WATER LEVELS MEASURED ON AUGUST 18, 2008

HORIZONTAL HYDRAULIC GRADIENT ACROSS THE SITE IS APPROXIMATELY 0.001 FOOT/FOOT

N

0 200 400 800 Feet

Baseline Groundwater Monitoring Report

Figure 6

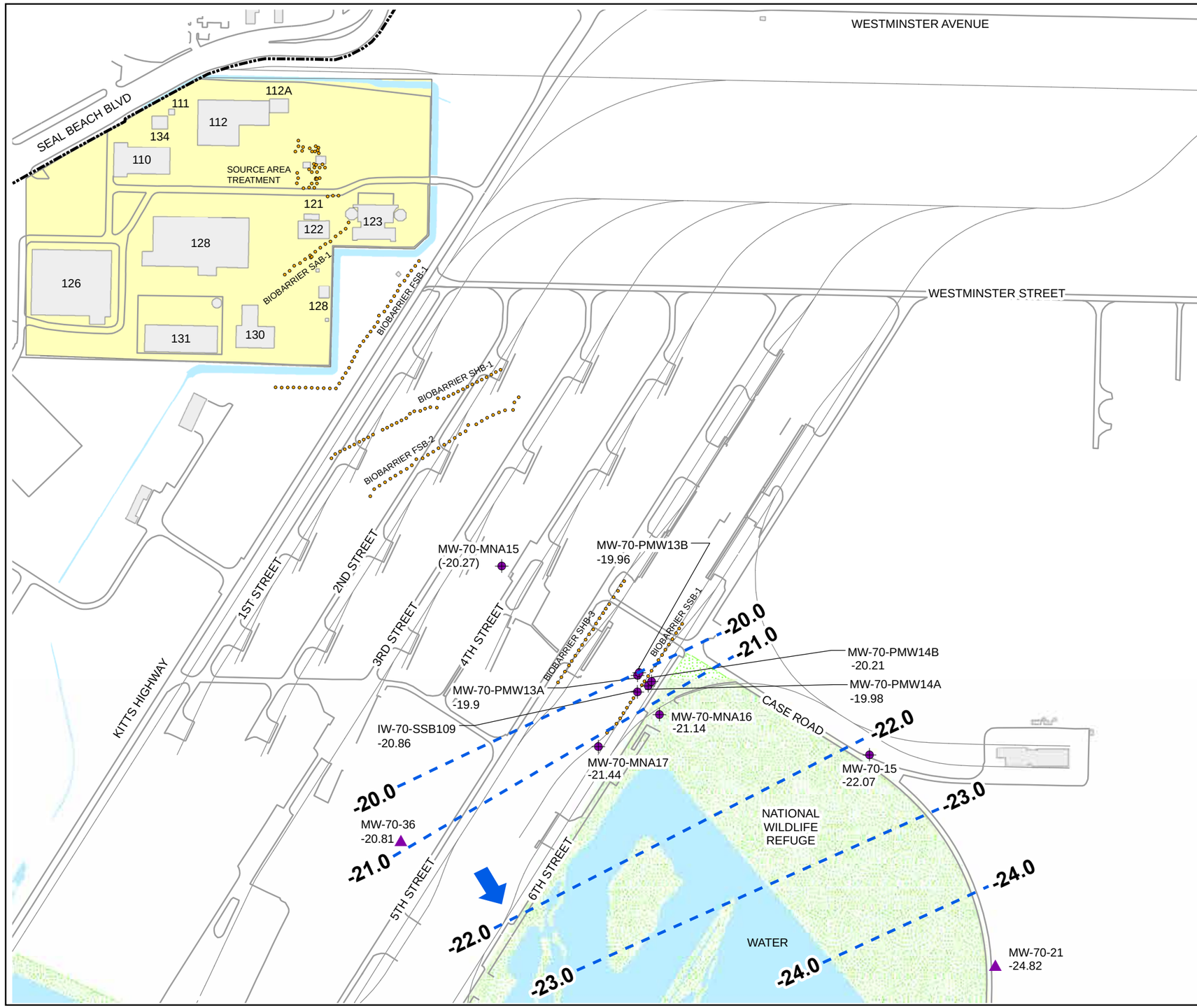
IR Site 70

Shell Horizon Groundwater Elevations

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date:	3/4/2009
File No.	14114shgw.mdx
Project No.:	4-14114
Rev.	D



LEGEND

MW-70-15 -22.07	SECOND SAND MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
MW-70-36 -20.81	SECOND SAND POC MONITORING WELL SHOWING WELL ID AND WATER LEVEL ELEVATION, IN FEET MEAN SEA LEVEL
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	INFERRED DIRECTION OF GROUNDWATER FLOW, LOCAL VARIATIONS DUE TO SEASONAL, TIDAL, AND AGRICULTURAL INFLUENCES
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	APPROXIMATE GROUNDWATER ELEVATION, IN FEET MEAN SEA LEVEL
	BUILDING

NOTES:

( ) - PARENTHESES INDICATE THAT THE GRONDWATER ELEVATION WAS NOT INCLUDED IN CONTOUR DUE TO SCREEN INTERVAL

WATER LEVELS MEASURED ON AUGUST 18, 2008

HORIZONTAL HYDRAULIC GRADIENT ACROSS THE SITE IS APPROXIMATELY 0.001 FOOT/FOOT

N

0 200 400 800 Feet

Baseline Groundwater Monitoring Report

Figure 7

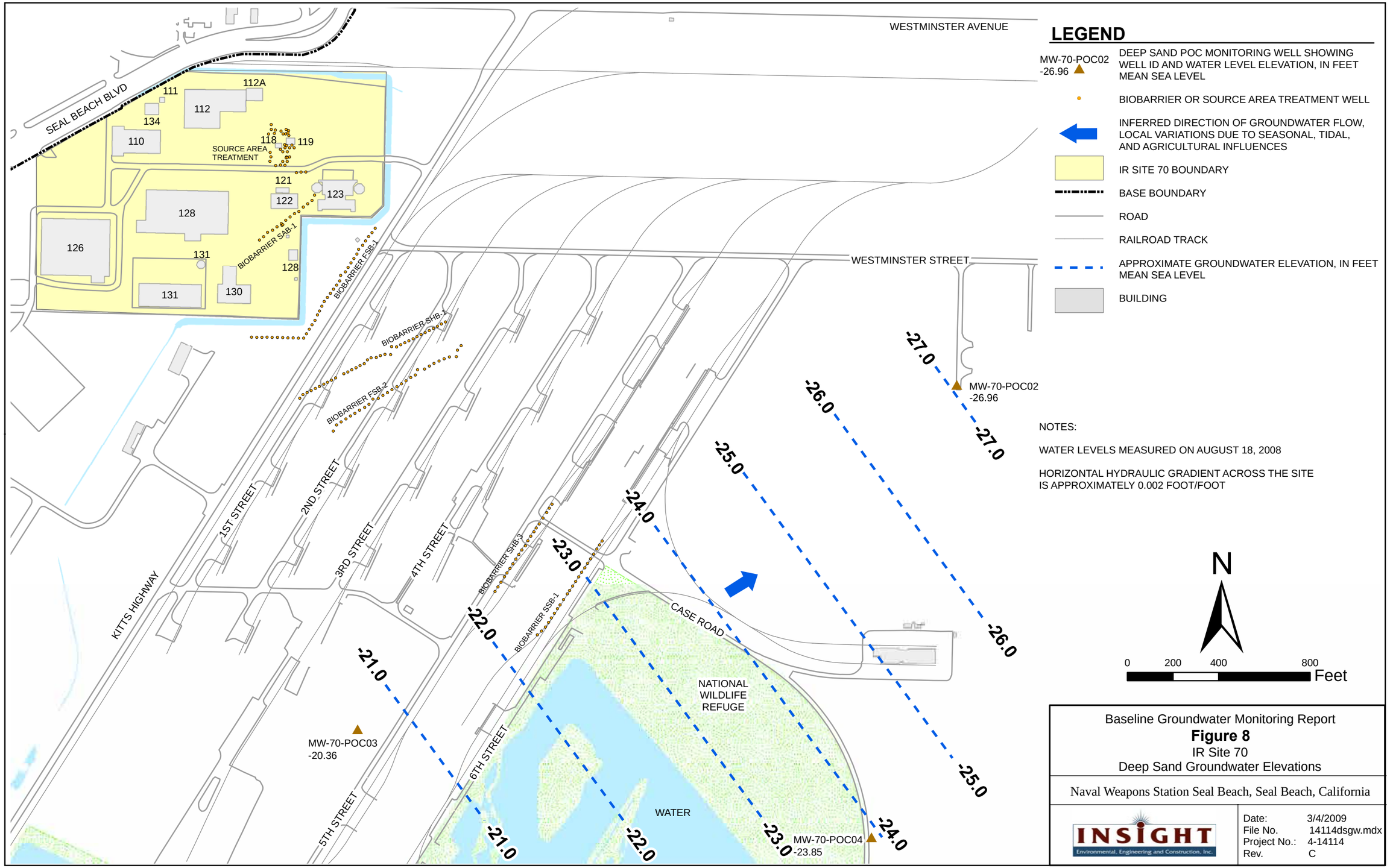
IR Site 70

Second Sand Groundwater Elevations

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 3/4/2009
File No. 14114ssgw.mdx
Project No.: 4-14114
Rev. D



Baseline Groundwater Monitoring Report

Figure 8

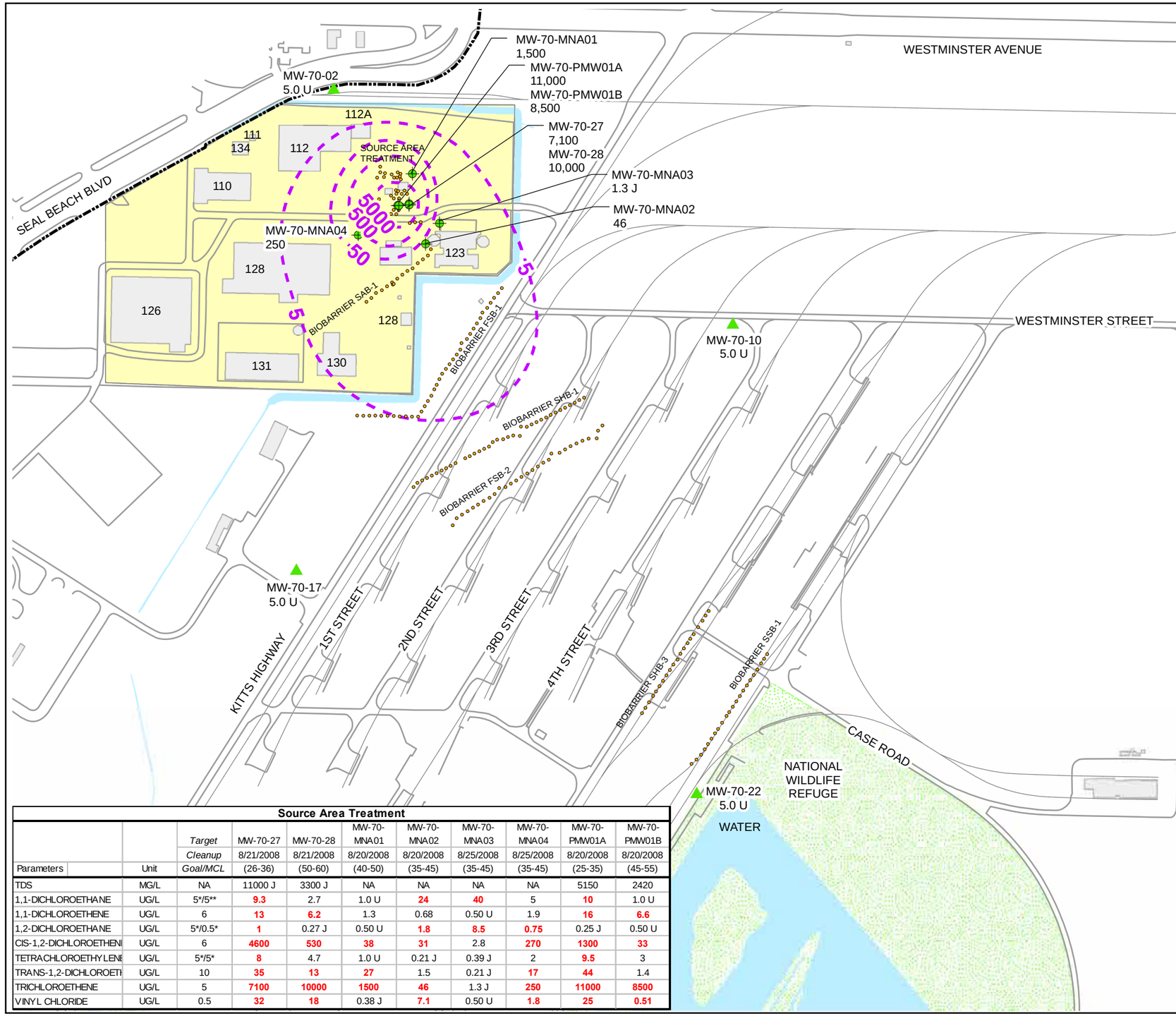
IR Site 70

Deep Sand Groundwater Elevations

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 3/4/2009
File No. 14114dsgw.mdx
Project No.: 4-14114
Rev. C



LEGEND

MW-70-MNA02 46	UPPER FINES/SOURCE AREA TREATMENT MONITORING WELL SHOWING STATION ID AND TCE CONCENTRATION IN ug/L
MW-70-02 5.0 U	UPPER FINES POC MONITORING WELL SHOWING STATION ID AND TCE CONCENTRATION IN ug/L
	BIOBARRIER OR SOURCE AREA TREATMENT WELL
	IR SITE 70 BOUNDARY
	BASE BOUNDARY
	ROAD
	RAILROAD TRACK
	BUILDING
5	APPROXIMATE TCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

ug/L - MICROGRAMS PER LITER
MCL - MAXIMUM CONTAMINANT LEVEL
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
5.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 5 ug/L
1.3 J - ESTIMATED VALUE OF 1.3 ug/L

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(25-35) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

* - U.S. EPA MCL

** - Cal/EPA MCL

ADDITIONAL INTERPRETATION BASED ON BEI (2006) FINAL FIFTH ANNUAL GROUNDWATER MONITORING REPORT, IR SITE 40 AND 70, NAVAL WEAPONS STATION, SEAL BEACH, CA, APRIL

N

0 200 400 800 Feet

Source Area Treatment

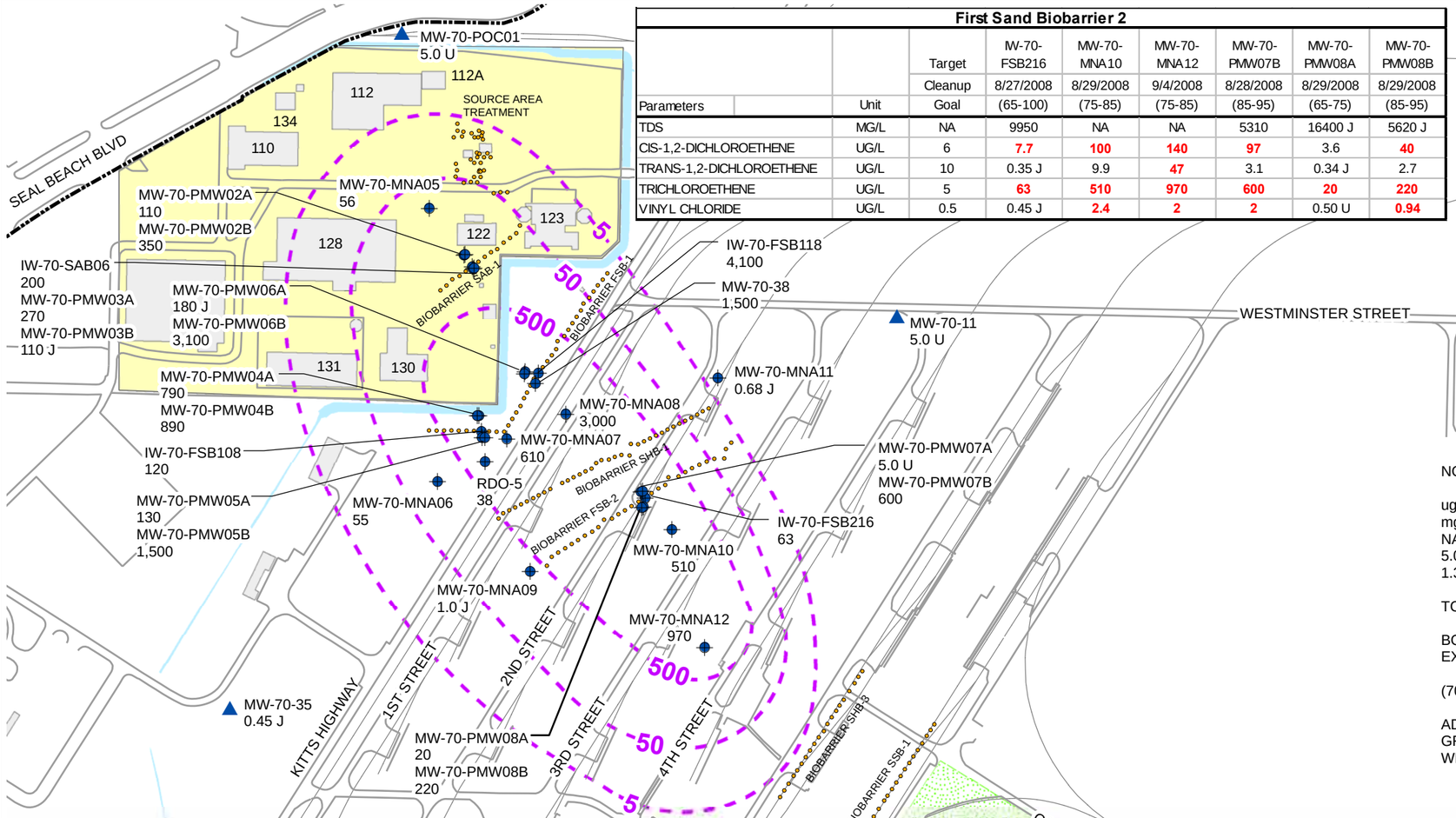
Parameters	Unit	Target Cleanup Goal/MCL	MW-70-27 8/21/2008 (26-36)	MW-70-28 8/21/2008 (50-60)	MW-70-MNA01 8/20/2008 (40-50)	MW-70-MNA02 8/20/2008 (35-45)	MW-70-MNA03 8/25/2008 (35-45)	MW-70-MNA04 8/25/2008 (35-45)	MW-70-PMW01A 8/20/2008 (25-35)	MW-70-PMW01B 8/20/2008 (45-55)
TDS	MG/L	NA	11000 J	3300 J	NA	NA	NA	NA	5150	2420
1,1-DICHLOROETHANE	UG/L	5*/5**	**9.3**	2.7	1.0 U	**24**	**40**	5	**10**	1.0 U
1,1-DICHLOROETHENE	UG/L	6	**13**	**6.2**	1.3	0.68	0.50 U	1.9	**16**	**6.6**
1,2-DICHLOROETHANE	UG/L	5*/0.5*	**1**	0.27 J	0.50 U	**1.8**	**8.5**	**0.75**	0.25 J	0.50 U
CIS-1,2-DICHLOROETHENE	UG/L	6	**4600**	**530**	**38**	**31**	2.8	**270**	**1300**	**33**
TETRACHLOROETHYLENE	UG/L	5*/5*	**8**	4.7	1.0 U	0.21 J	0.39 J	2	**9.5**	3
TRANS-1,2-DICHLOROETH	UG/L	10	**35**	**13**	**27**	1.5	0.21 J	**17**	**44**	1.4
TRICHLOROETHENE	UG/L	5	**7100**	**10000**	**1500**	**46**	1.3 J	**250**	**11000**	**8500**
VINYL CHLORIDE	UG/L	0.5	**32**	**18**	0.38 J	**7.1**	0.50 U	**1.8**	**25**	**0.51**

Baseline Groundwater Monitoring Report
Figure 9
IR Site 70
Upper Fines Groundwater Sampling Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 3/4/2009
File No. 14114ufcoc.mdx
Project No.: 4-14114
Rev. C



First Sand Biobarrier 2

Parameters	Unit	Target Cleanup Goal	IW-70-FSB216 8/27/2008 (65-100)	MW-70-MNA10 8/29/2008 (75-85)	MW-70-MNA12 9/4/2008 (75-85)	MW-70-PMW07B 8/28/2008 (85-95)	MW-70-PMW08A 8/29/2008 (65-75)	MW-70-PMW08B 8/29/2008 (85-95)
TDS	MG/L	NA	9950	NA	NA	5310	16400 J	5620 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**7.7**	**100**	**140**	**97**	3.6	**40**
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.35 J	9.9	**47**	3.1	0.34 J	2.7
TRICHLOROETHENE	UG/L	5	**63**	**510**	**970**	**600**	**20**	**220**
VINYL CHLORIDE	UG/L	0.5	0.45 J	**2.4**	**2**	**2**	0.50 U	**0.94**

Source Area Biobarrier / First Sand

Parameters	Unit	Target Cleanup Goal	IW-70-SAB06 8/25/2008 (65-80/85-105)	MW-70-MNA05 8/25/2008 (70-80)	MW-70-PMW02A 8/21/2008 (71-81)	MW-70-PMW02B 8/21/2008 (90-100)	MW-70-PMW03A 8/21/2008 (70-80)	MW-70-PMW03B 8/21/2008 (90-100)
TDS	MG/L	NA	995	NA	1010 J	1110 J	1210 J	1130 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**11**	2.7	**97**	**170**	**9.2**	**190**
TRICHLOROETHENE	UG/L	5	**200**	**56**	**110**	**350**	**270**	**110 J**
VINYL CHLORIDE	UG/L	0.5	0.39 J	0.50 U	0.30 J	**0.68**	0.47 J	**0.56**

First Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-FSB108 8/25/2008 (60-105)	IW-70-FSB118 8/26/2008 (60-105)	MW-70-38 8/25/2008 (80-100)	MW-70-MNA06 8/26/2008 (80-90)	MW-70-MNA07 8/22/2008 (90-100)	MW-70-MNA08 8/27/2008 (80-90)	MW-70-PMW04A 8/22/2008 (70-80)	MW-70-PMW04B 8/22/2008 (90-100)	MW-70-PMW05A 8/22/2008 (70-80)	MW-70-PMW05B 8/22/2008 (90-100)	MW-70-PMW06A 8/22/2008 (70-80)	MW-70-PMW06B 8/22/2008 (91-101)	RDO-5 8/25/2008 (65-105)
TDS	MG/L	NA	530	1740	1500	NA	NA	NA	680	850	685	620	1500	1000	NA
1,1-DICHLOROETHENE	UG/L	6	0.39 J	**6.2**	**7.5**	0.59	1.1	3.8	3.4	4.8	0.48 J	**7.3**	**10**	4.6	0.22 J
CIS-1,2-DICHLOROETHENE	UG/L	6	**10**	**540**	**1900**	9.9	**70**	**390**	**49**	**340**	**18**	**93**	**2500**	**130**	4.2
TRANS-1,2-DICHLOROETHENE	UG/L	10	0.22 J	8.7	**29**	0.25 J	1.5	7.9	0.85 J	5	0.65 J	1.3	**21**	**15**	0.23 J
TRICHLOROETHENE	UG/L	5	**120**	**4100**	**1500**	**55**	**610**	**3000**	**790**	**890**	**130**	**1500**	**180 J**	**3100**	**38**
VINYL CHLORIDE	UG/L	0.5	0.50 U	**5.1**	**3.7**	0.50 U	**0.51**	**5.6**	0.34 J	0.47 J	0.50 U	**0.56**	**3.4**	**4.1**	0.50 U

LEGEND

- MW-70-MNA08 3,000 — FIRST SAND MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L)
- MW-70-11 5.0 U — FIRST SAND POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L)
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING
- -5- APPROXIMATE TCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

ug/L - MICROGRAMS PER LITER
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
5.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 5 ug/L
1.3 J - ESTIMATED VALUE OF 1.3 ug/L

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(70-80) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

ADDITIONAL INTERPRETATION BASED ON BEI (2006) FINAL FIFTH ANNUAL GROUNDWATER MONITORING REPORT, IR SITE 40 AND 70, NAVAL WEAPONS STATION, SEAL BEACH, CA, APRIL

N

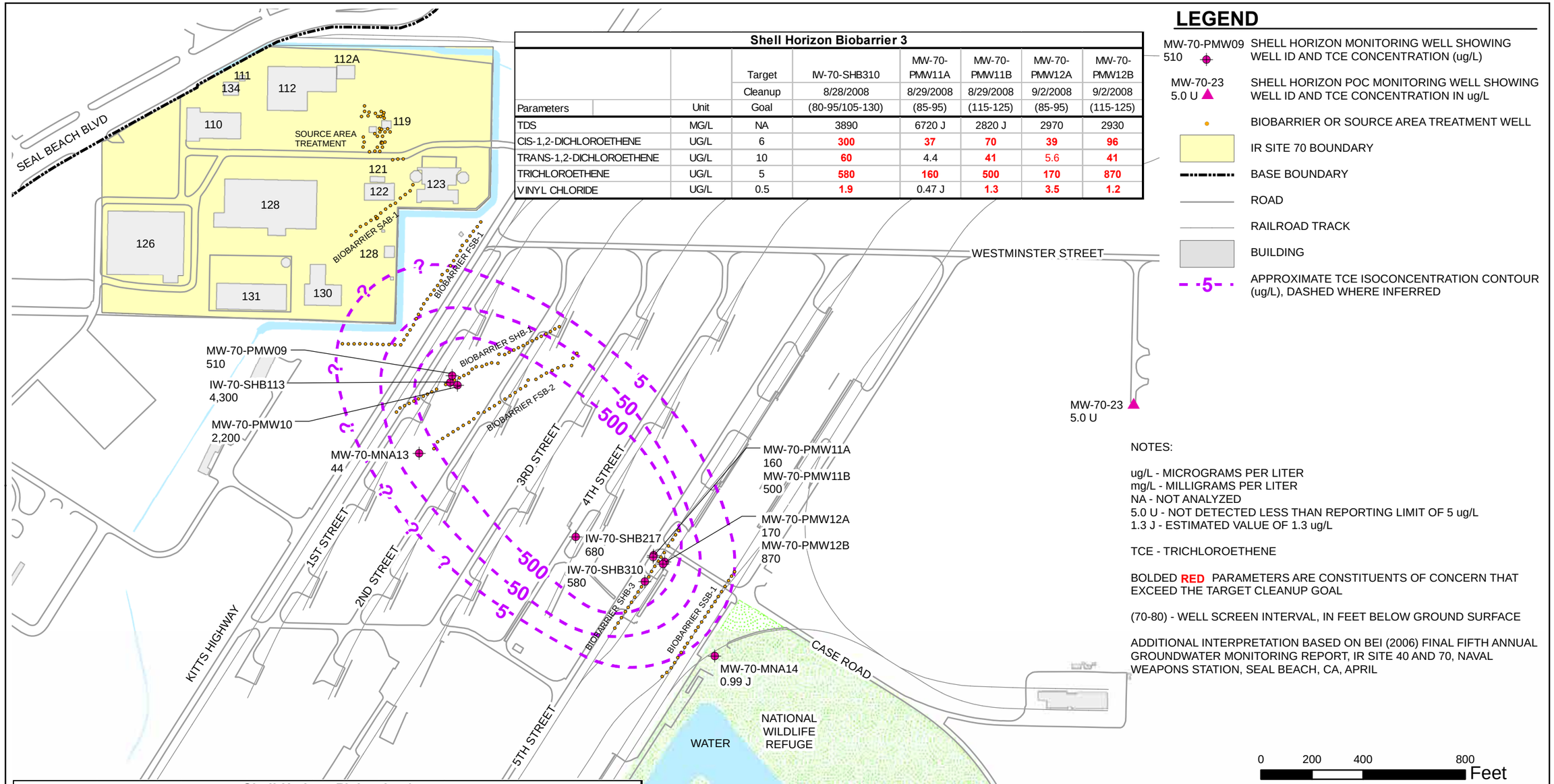
0 200 400 800 Feet

Baseline Groundwater Monitoring Report
Figure 10
IR Site 70
First Sand Groundwater Sampling Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/17/2009
File No. 14114fscoc.mdx
Project No.: 4-14114
Rev. B



LEGEND

- MW-70-PMW09 510 — SHELL HORIZON MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L)
- MW-70-23 5.0 U — SHELL HORIZON POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION IN ug/L
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- BUILDING
- 5 — APPROXIMATE TCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

ug/L - MICROGRAMS PER LITER
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
5.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 5 ug/L
1.3 J - ESTIMATED VALUE OF 1.3 ug/L

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

(70-80) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

ADDITIONAL INTERPRETATION BASED ON BEI (2006) FINAL FIFTH ANNUAL GROUNDWATER MONITORING REPORT, IR SITE 40 AND 70, NAVAL WEAPONS STATION, SEAL BEACH, CA, APRIL

Shell Horizon Biobarrier 3

Parameters	Unit	Target Cleanup Goal	IW-70-SHB310 8/28/2008 (80-95/105-130)	MW-70-PMW11A 8/29/2008 (85-95)	MW-70-PMW11B 8/29/2008 (115-125)	MW-70-PMW12A 9/2/2008 (85-95)	MW-70-PMW12B 9/2/2008 (115-125)
TDS	MG/L	NA	3890	6720 J	2820 J	2970	2930
CIS-1,2-DICHLOROETHENE	UG/L	6	**300**	**37**	**70**	**39**	**96**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**60**	4.4	**41**	5.6	**41**
TRICHLOROETHENE	UG/L	5	**580**	**160**	**500**	**170**	**870**
VINYL CHLORIDE	UG/L	0.5	**1.9**	0.47 J	**1.3**	**3.5**	**1.2**

Shell Horizon Biobarrier 1

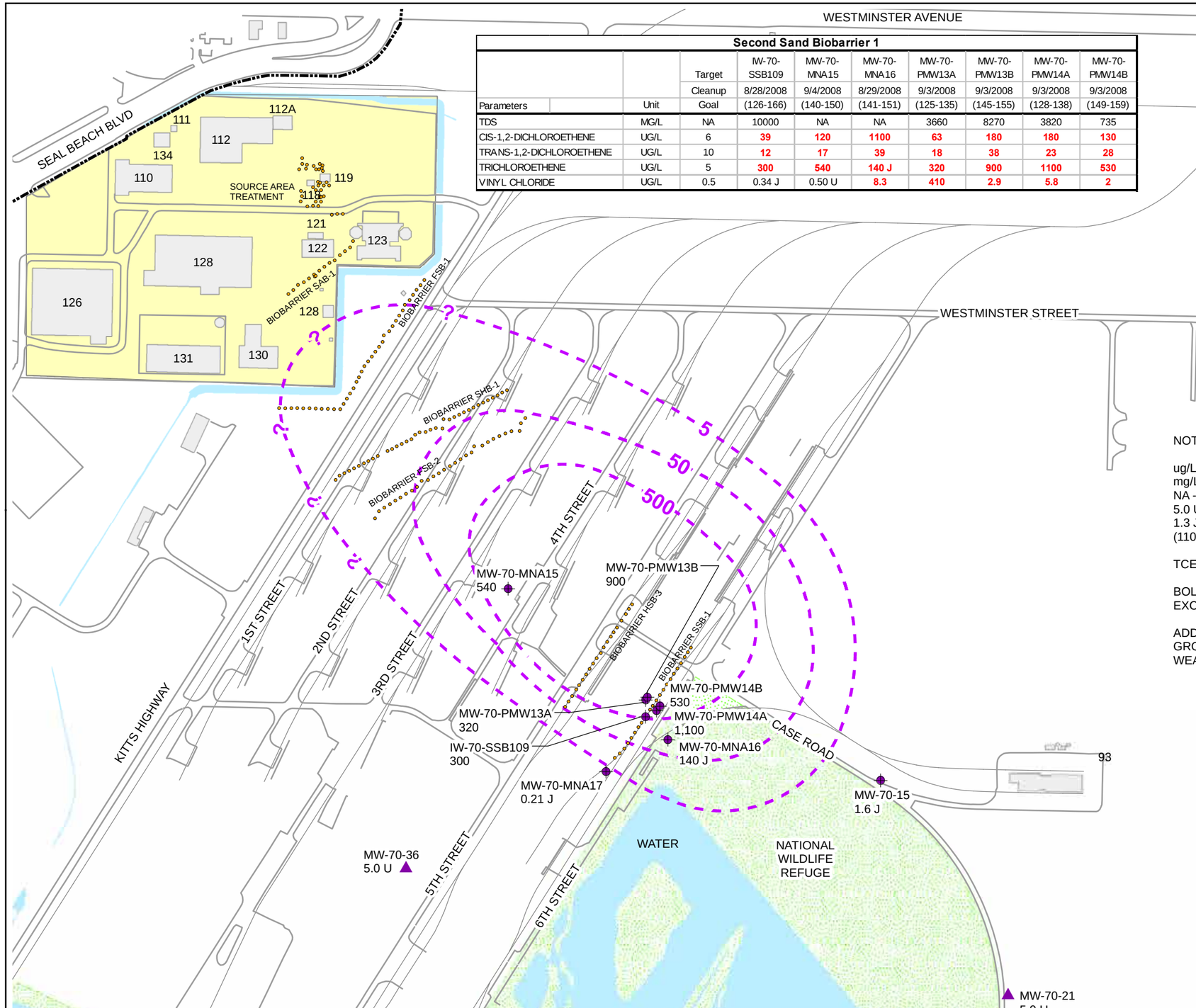
Parameters	Unit	Target Cleanup Goal	IW-70-SHB113 8/27/2008 (105-130)	IW-70-SHB217 8/29/2008 (105-130)	MW-70-MNA13 8/27/2008 (115-125)	MW-70-PMW09 8/27/2008 (120-130)	MW-70-PMW10 8/27/2008 (120-130)
TDS	MG/L	NA	1520	NA	NA	860	1550
CIS-1,2-DICHLOROETHENE	UG/L	6	**270**	**180**	**25**	**130**	**250**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**6.9**	**48**	0.90 J	3.1	5.3
TRICHLOROETHENE	UG/L	5	**4300**	**680**	**44**	**510**	**2200**
VINYL CHLORIDE	UG/L	0.5	**4.4**	**1.2**	0.50 U	**1.5**	**4.3**

Baseline Groundwater Monitoring Report
Figure 11
IR Site 70
Shell Horizon Groundwater Sampling Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 3/4/2009
File No. 14114shcoc.mdx
Project No.: 4-14114
Rev. D



Second Sand Biobarrier 1

Parameters	Unit	Target Cleanup Goal	IW-70-SSB109 8/28/2008 (126-166)	MW-70-MNA15 9/4/2008 (140-150)	MW-70-MNA16 8/29/2008 (141-151)	MW-70-PMW13A 9/3/2008 (125-135)	MW-70-PMW13B 9/3/2008 (145-155)	MW-70-PMW14A 9/3/2008 (128-138)	MW-70-PMW14B 9/3/2008 (149-159)
TDS	MG/L	NA	10000	NA	NA	3660	8270	3820	735
CIS-1,2-DICHLOROETHENE	UG/L	6	**39**	**120**	**1100**	**63**	**180**	**180**	**130**
TRANS-1,2-DICHLOROETHENE	UG/L	10	**12**	**17**	**39**	**18**	**38**	**23**	**28**
TRICHLOROETHENE	UG/L	5	**300**	**540**	**140 J**	**320**	**900**	**1100**	**530**
VINYL CHLORIDE	UG/L	0.5	0.34 J	0.50 U	**8.3**	**410**	**2.9**	**5.8**	**2**

LEGEND

MW-70-MNA15 500 — SECOND SAND MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L)

MW-70-36 5.0 U — SECOND SAND POC MONITORING WELL SHOWING WELL ID AND TCE CONCENTRATION (ug/L)

BIOBARRIER OR SOURCE AREA TREATMENT WELL

IR SITE 70 BOUNDARY

BASE BOUNDARY

ROAD

RAILROAD TRACK

BUILDING

-5- APPROXIMATE TCE ISOCONCENTRATION CONTOUR (ug/L), DASHED WHERE INFERRED

NOTES:

ug/L - MICROGRAMS PER LITER
mg/L - MILLIGRAMS PER LITER
NA - NOT ANALYZED
5.0 U - NOT DETECTED LESS THAN REPORTING LIMIT OF 5 ug/L
1.3 J - ESTIMATED VALUE OF 1.3 ug/L
(110 - 170) - WELL SCREEN INTERVAL, IN FEET BELOW GROUND SURFACE

TCE - TRICHLOROETHENE

BOLDED **RED** PARAMETERS ARE CONSTITUENTS OF CONCERN THAT EXCEED THE TARGET CLEANUP GOAL

ADDITIONAL INTERPRETATION BASED ON BEI (2006) FINAL FIFTH ANNUAL GROUNDWATER MONITORING REPORT, IR SITE 40 AND 70, NAVAL WEAPONS STATION, SEAL BEACH, CA, APRIL

N

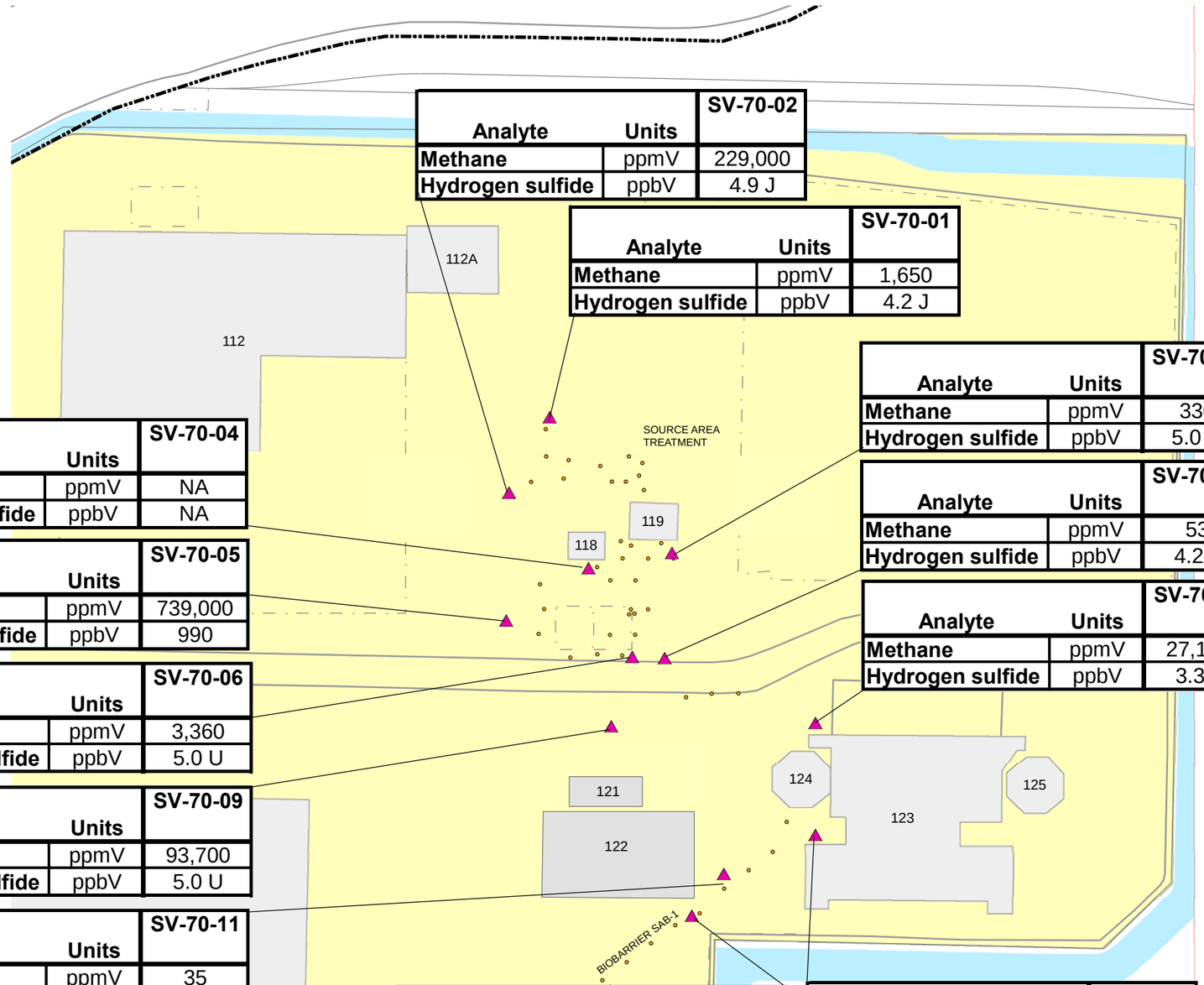
0 200 400 800 Feet

Baseline Groundwater Monitoring Report
Figure 12
IR Site 70
Second Sand Groundwater Sampling Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 1/25/2009
File No. 14114sscoc.mdx
Project No.: 4-14114
Rev. C



Analyte	Units	SV-70-02
Methane	ppmV	229,000
Hydrogen sulfide	ppbV	4.9 J

Analyte	Units	SV-70-01
Methane	ppmV	1,650
Hydrogen sulfide	ppbV	4.2 J

Analyte	Units	SV-70-03
Methane	ppmV	330
Hydrogen sulfide	ppbV	5.0 U

Analyte	Units	SV-70-04
Methane	ppmV	NA
Hydrogen sulfide	ppbV	NA

Analyte	Units	SV-70-07
Methane	ppmV	53
Hydrogen sulfide	ppbV	4.2 J

Analyte	Units	SV-70-05
Methane	ppmV	739,000
Hydrogen sulfide	ppbV	990

Analyte	Units	SV-70-08
Methane	ppmV	27,100
Hydrogen sulfide	ppbV	3.3 J

Analyte	Units	SV-70-06
Methane	ppmV	3,360
Hydrogen sulfide	ppbV	5.0 U

Analyte	Units	SV-70-09
Methane	ppmV	93,700
Hydrogen sulfide	ppbV	5.0 U

Analyte	Units	SV-70-11
Methane	ppmV	35
Hydrogen sulfide	ppbV	3.6 J

Analyte	Units	SV-70-12
Methane	ppmV	610
Hydrogen sulfide	ppbV	5.0 U

Analyte	Units	SV-70-10
Methane	ppmV	3,600
Hydrogen sulfide	ppbV	4.4 J

LEGEND

- SOIL VAPOR PROBE LOCATION
- BIOBARRIER OR SOURCE AREA TREATMENT WELL
- IR SITE 70 BOUNDARY
- BASE BOUNDARY
- ROAD
- RAILROAD TRACK
- FENCE
- BUILDING

NOTES:

SOIL VAPOR SAMPLES WERE COLLECTED ON AUGUST 26, 2008

NA - NOT APPLICABLE; SAMPLE WAS NOT COLLECTED DUE TO THE PRESENCE OF WATER IN SAMPLE TUBING

ppmV - PARTS PER MILLION BY VOLUME

ppbV - PARTS PER BILLION BY VOLUME

J - ESTIMATED VALUE

U - NOT DETECTED

N

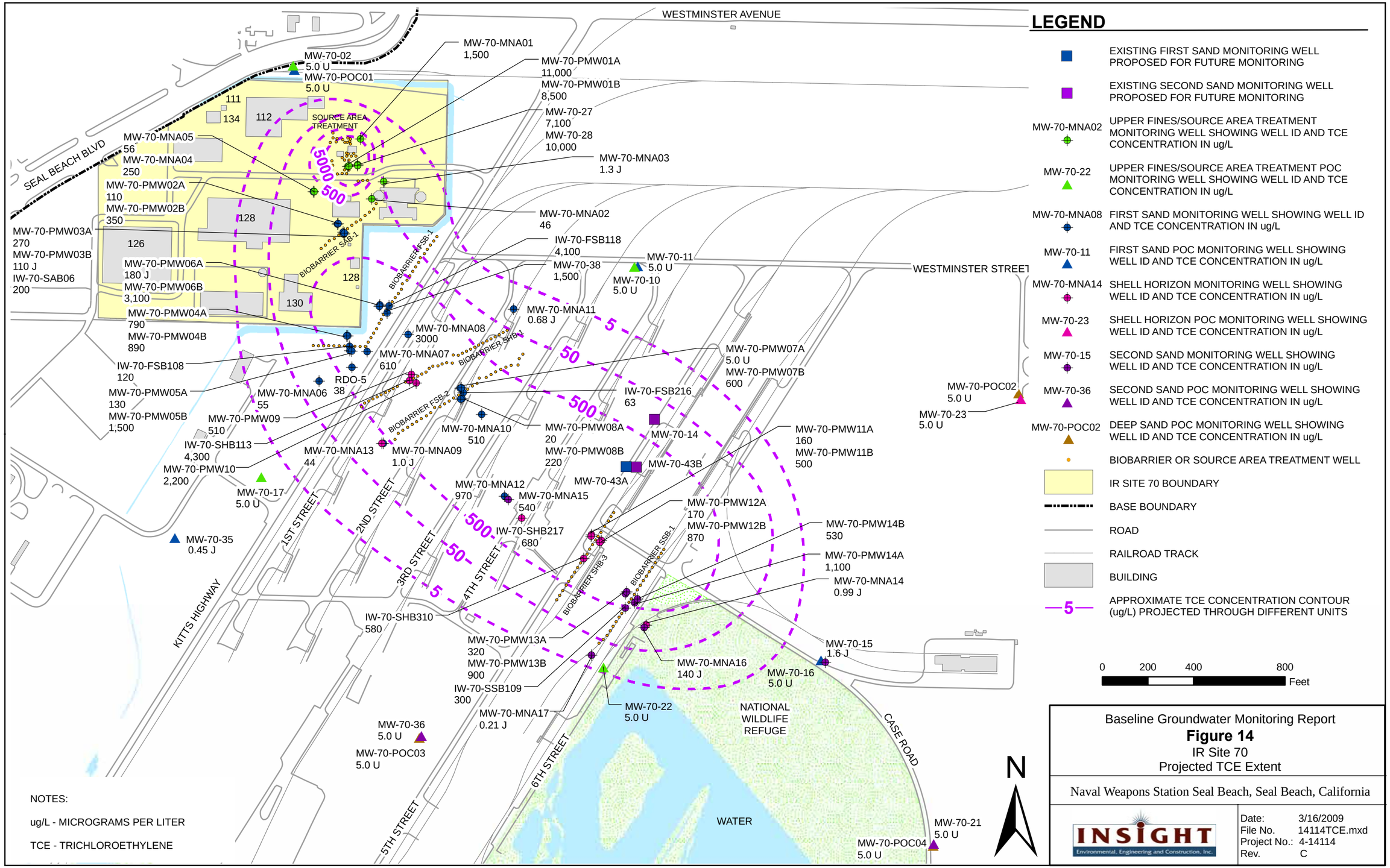
0 50 100 200 Feet

Baseline Groundwater Monitoring Report
Figure 13
IR Site 70
Soil Vapor Analytical Results

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 1/18/2009
File No. 14114svbox.mdx
Project No.: 4-14114
Rev. B



NOTES:

ug/L - MICROGRAMS PER LITER

TCE - TRICHLOROETHYLENE

Baseline Groundwater Monitoring Report

Figure 14

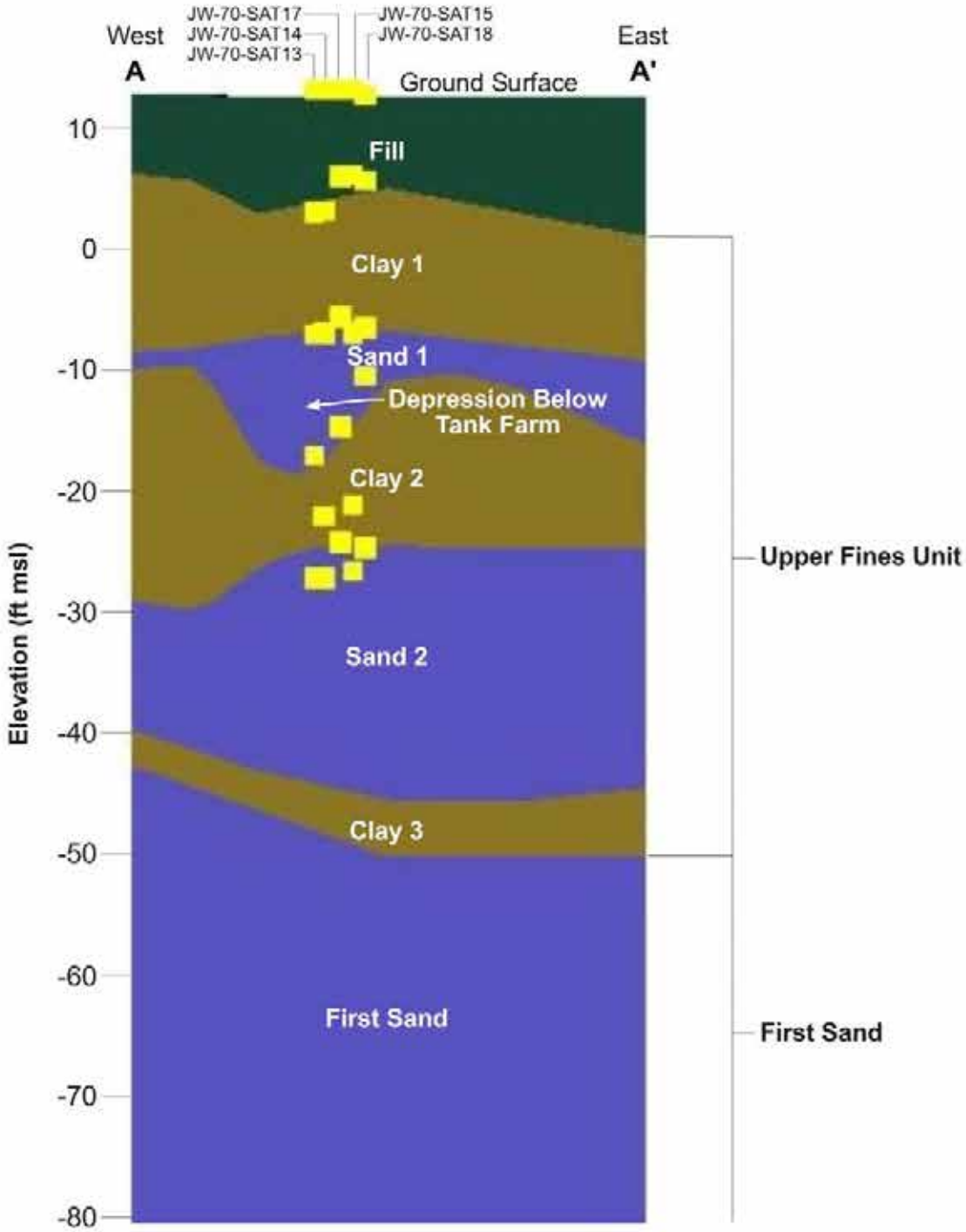
IR Site 70

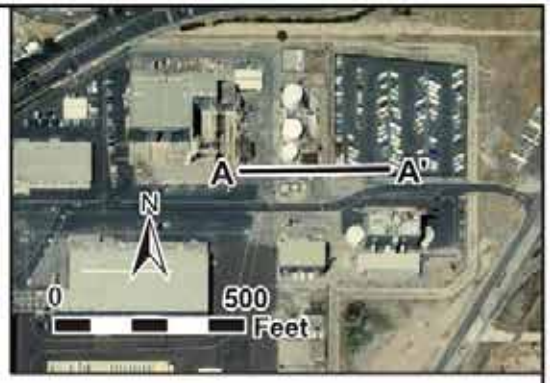
Projected TCE Extent

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT Environmental, Engineering and Construction, Inc.

Date: 3/16/2009
File No. 14114TCE.mxd
Project No.: 4-14114
Rev. C





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 100 200 300 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 15

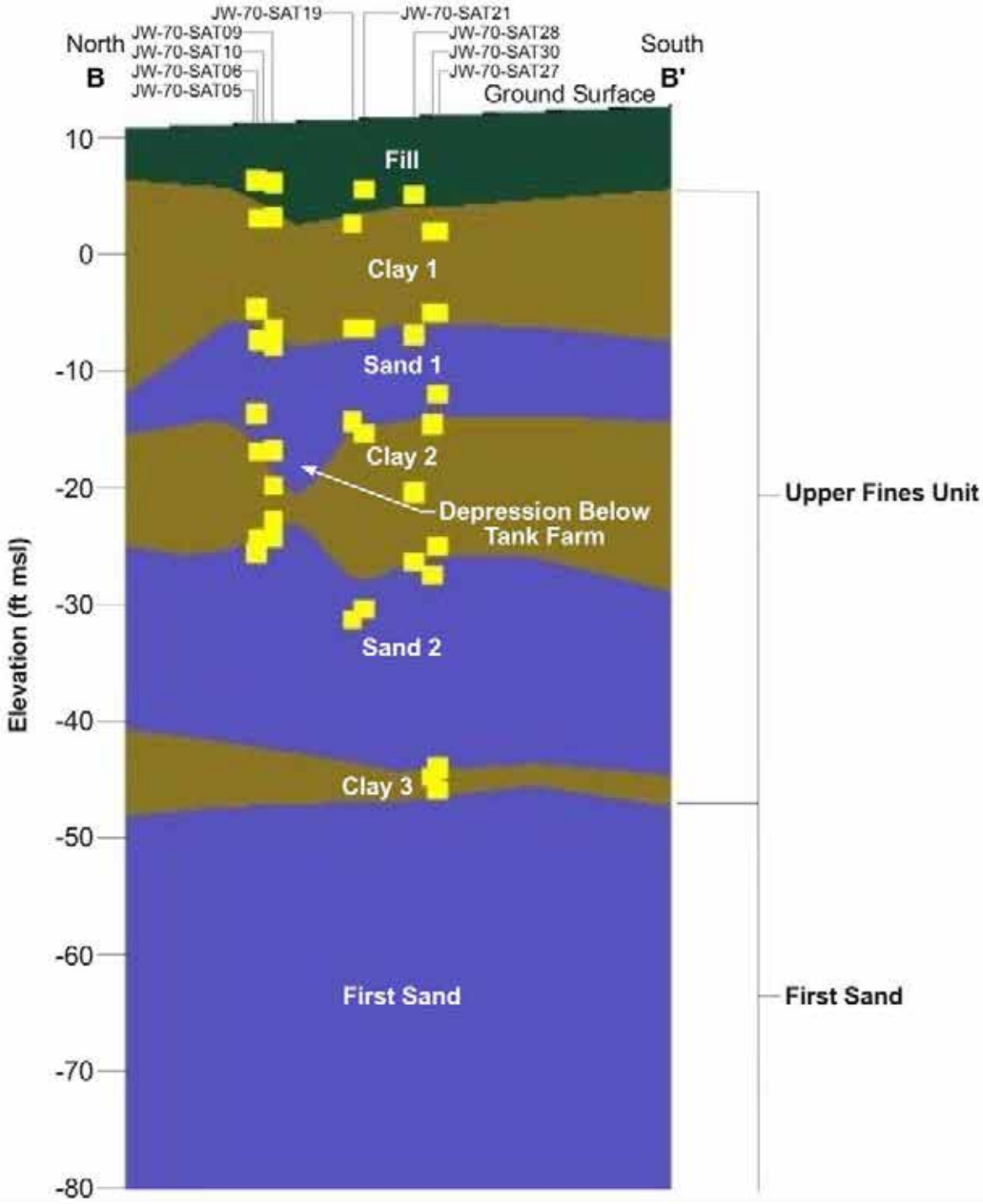
IR Site 70

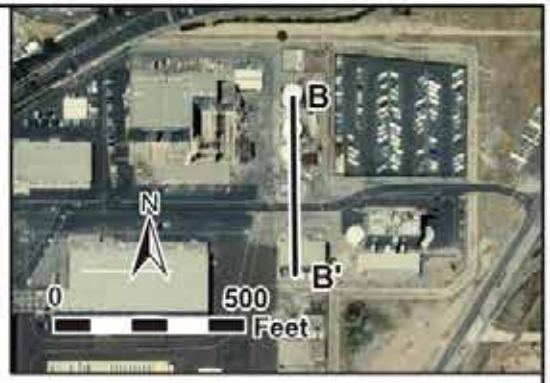
Cross Section A-A'

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/09/2009
File No.: SB03-01_A-A'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 100 200 300 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 16

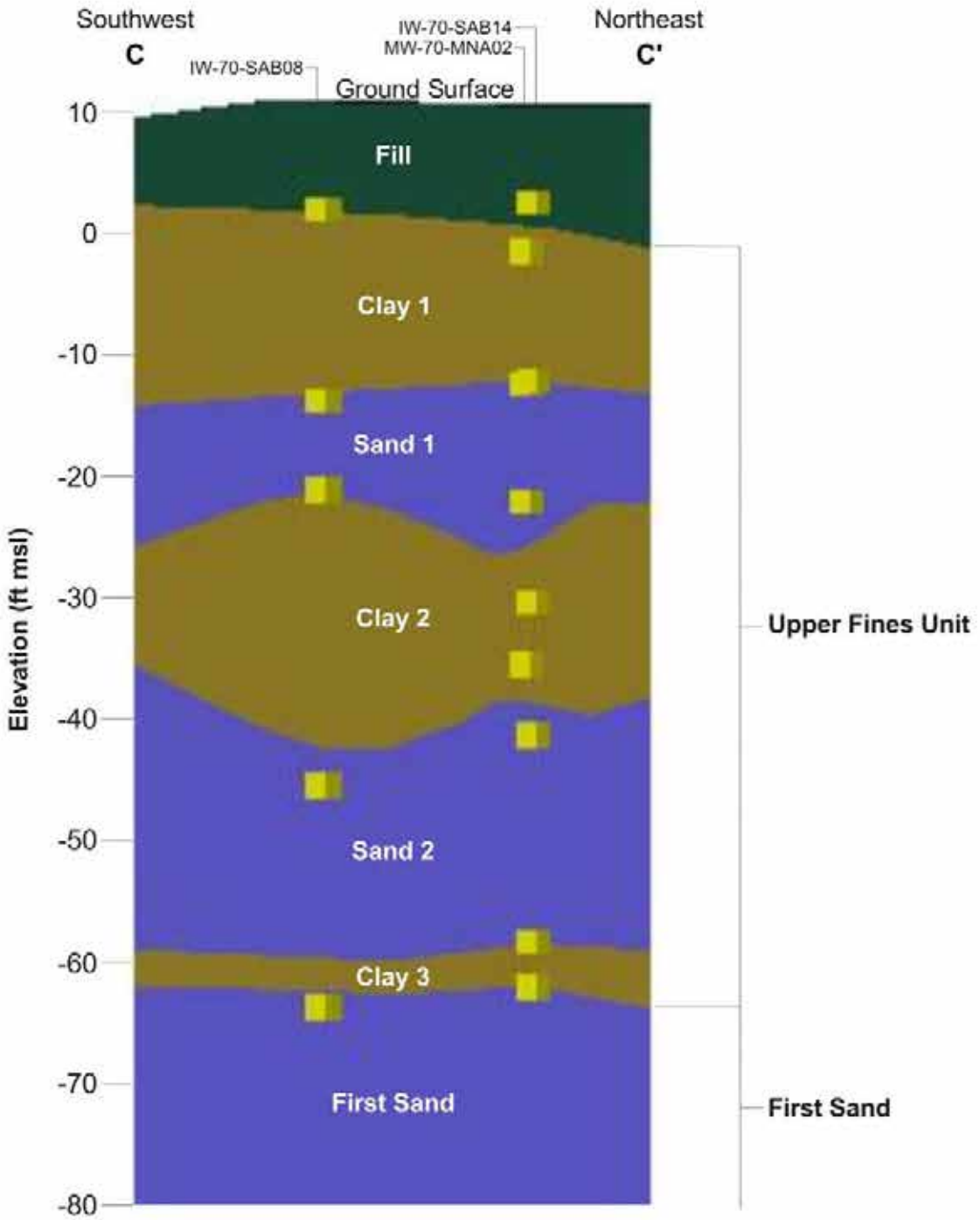
IR Site 70

Cross Section B-B'

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/10/2009
File No.: SB03-02_B-B.CDR
Project No.: G006104-01
Rev. VJS



LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 100 200 300 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 17

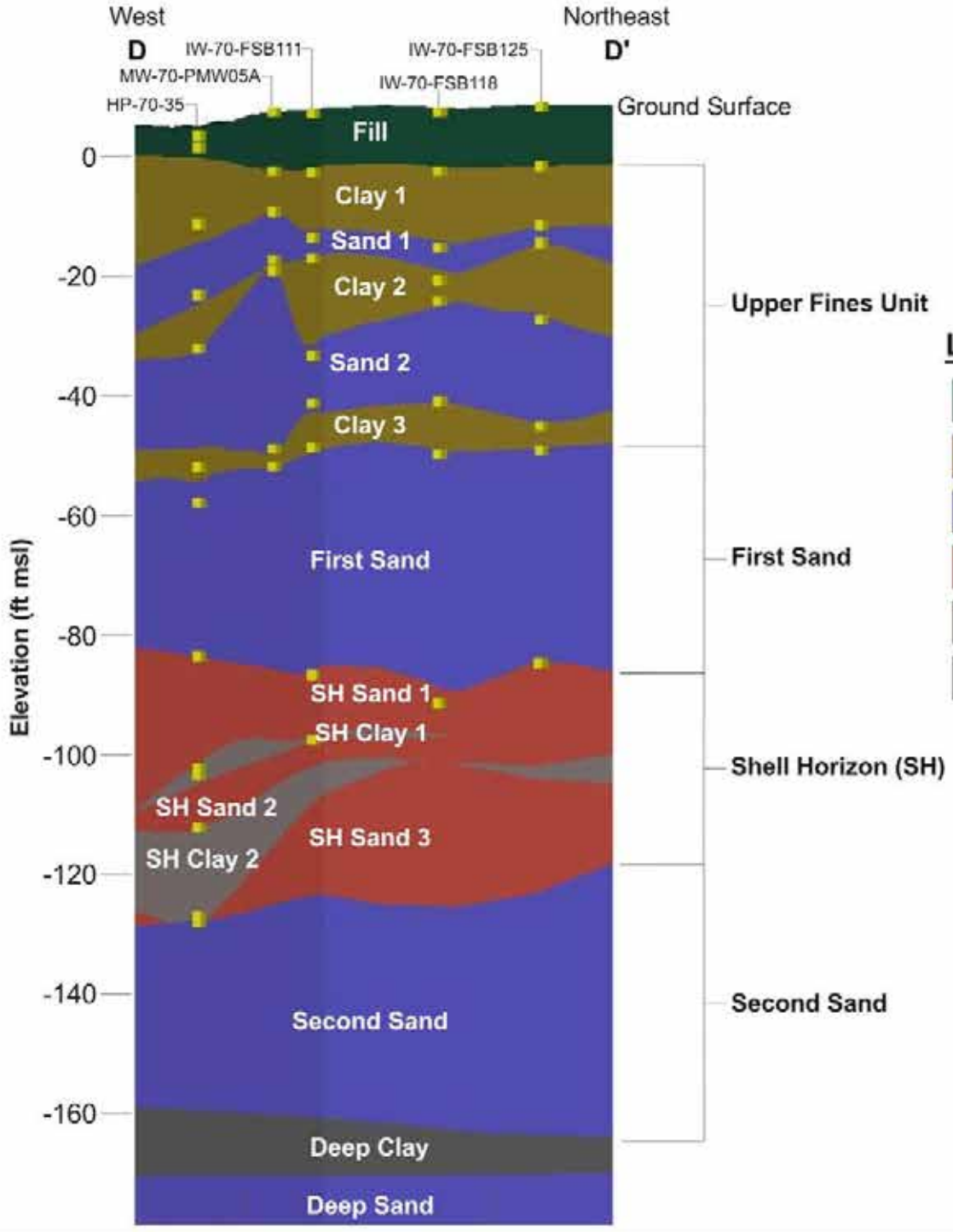
IR Site 70

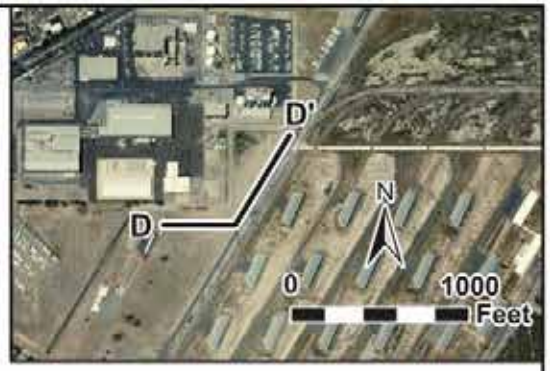
Cross Section C-C'

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/10/2009
File No.: SB03-03_C-C'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 18

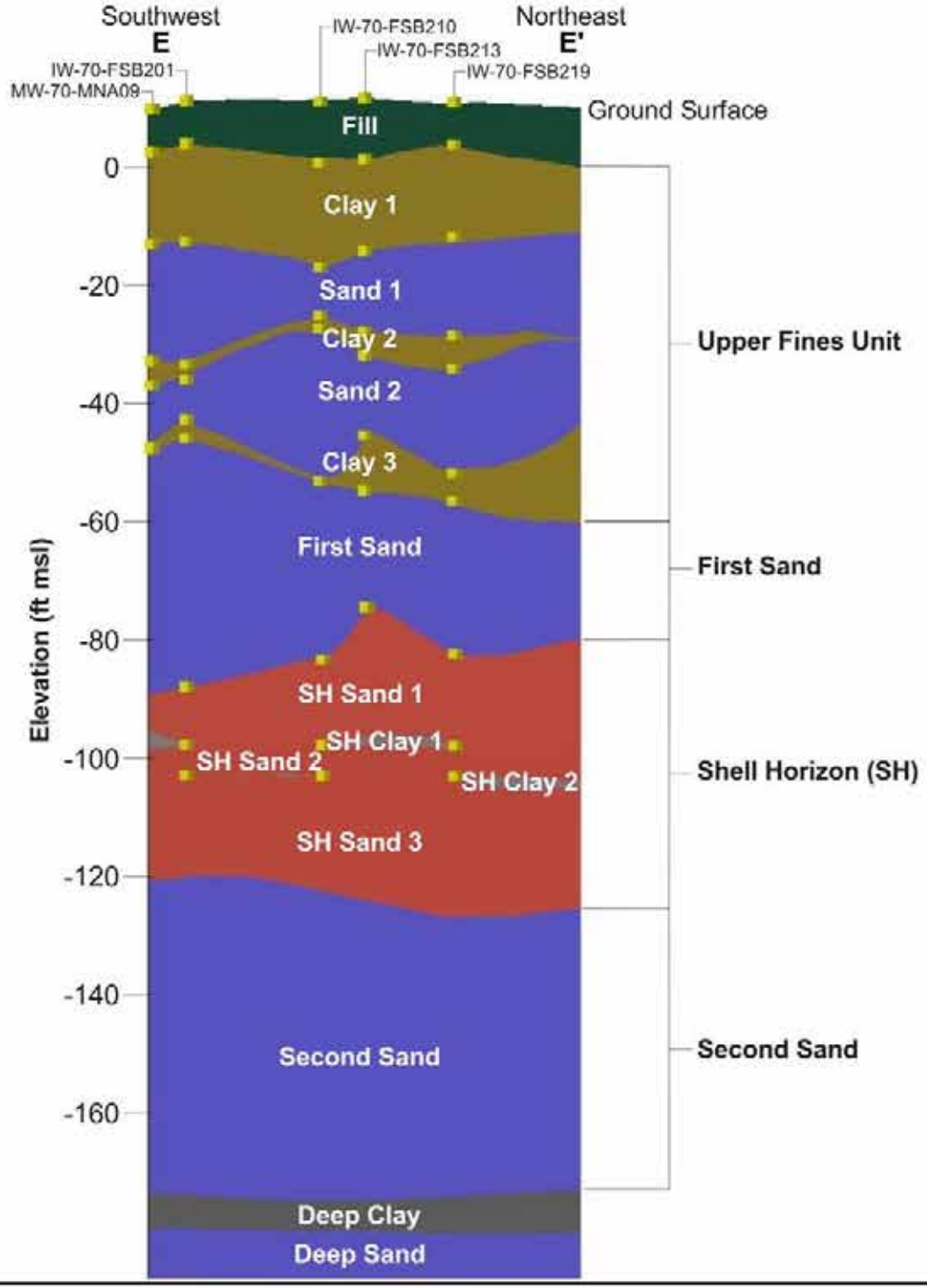
IR Site 70

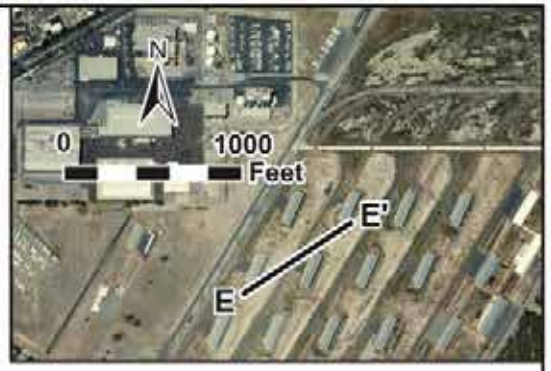
Cross Section D-D' – First Sand Biobarrier 1

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-04_D-D'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 19

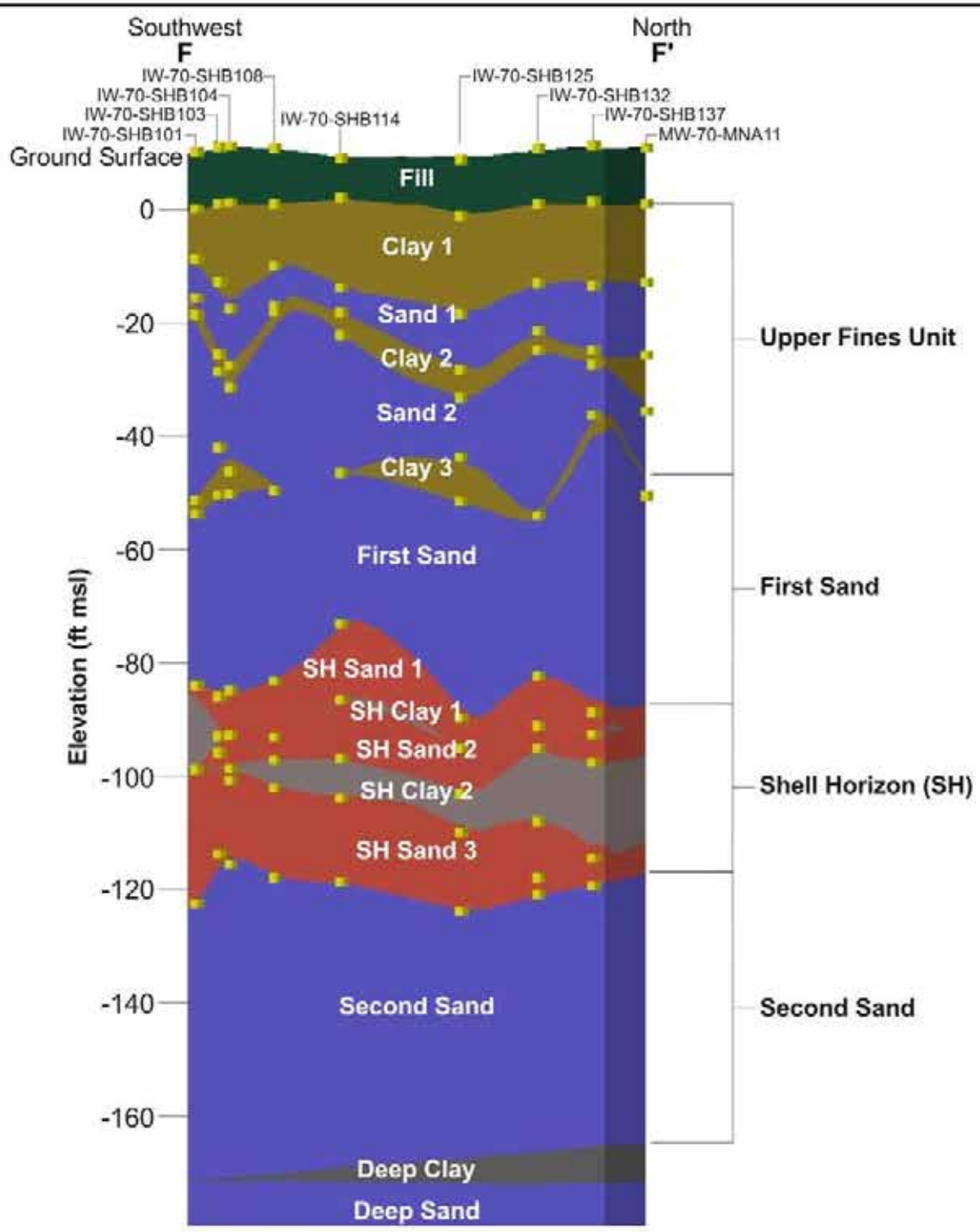
IR Site 70

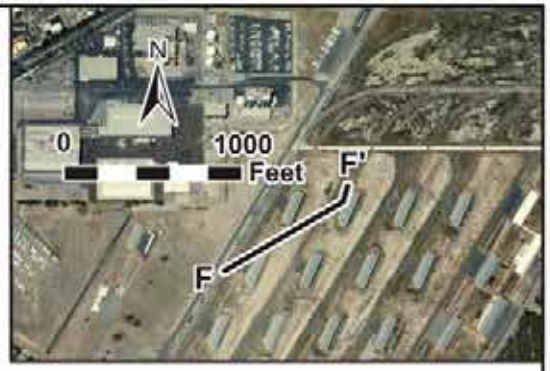
Cross Section E-E' – First Sand Biobarrier 2

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-05_E-E'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 20

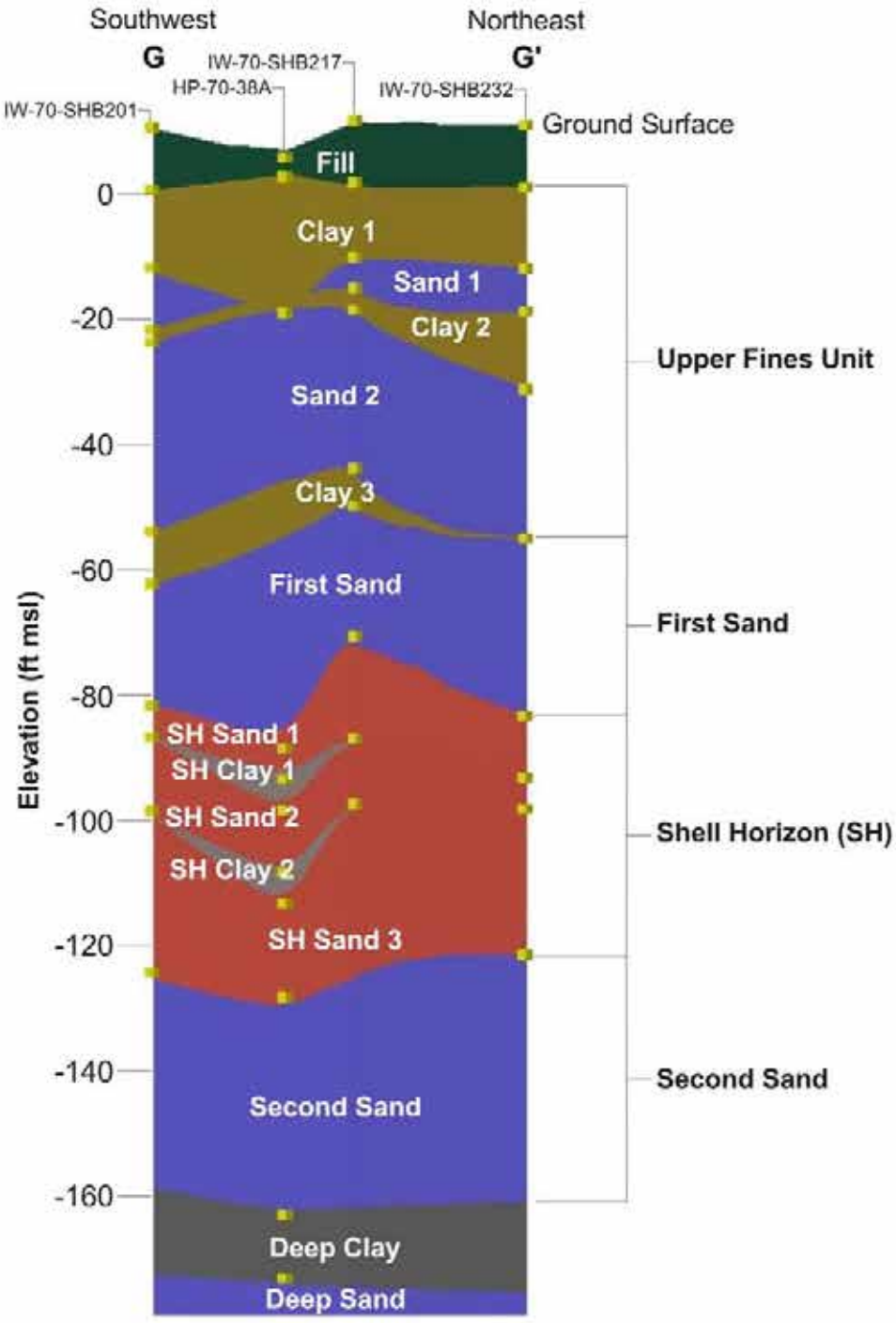
IR Site 70

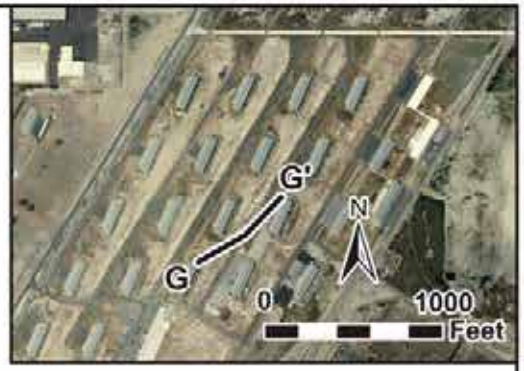
Cross Section F-F' – Shell Horizon Biobarrier 1

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-06_F-F'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 21

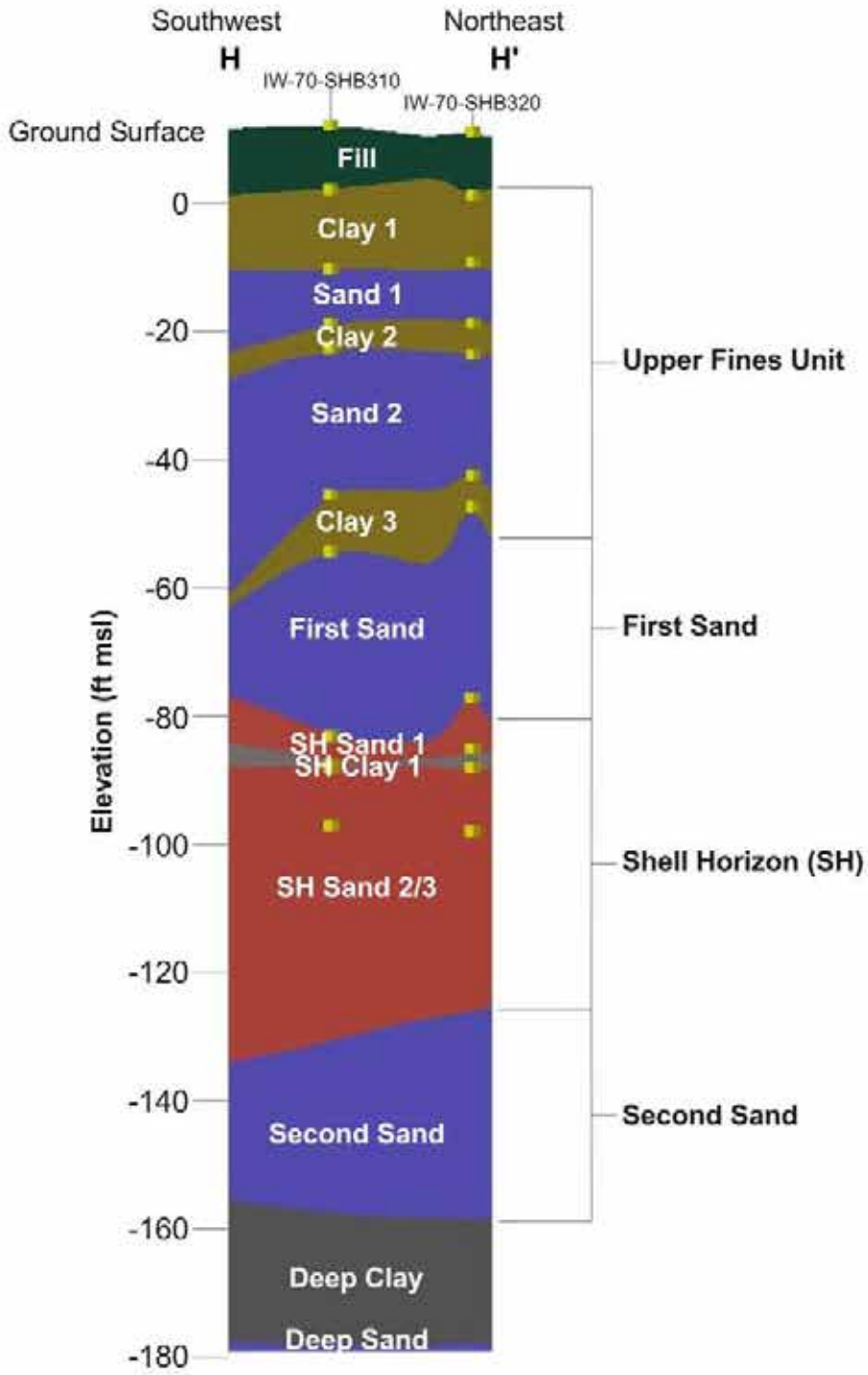
IR Site 70

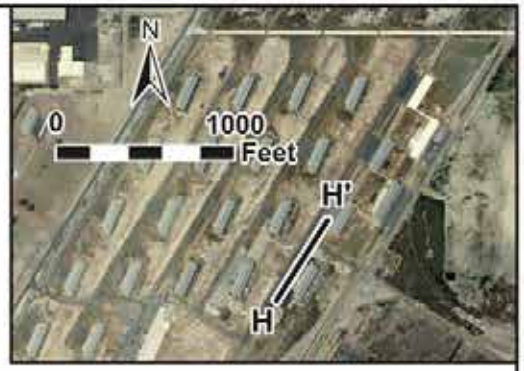
Cross Section G-G' – Shell Horizon Biobarrier 2

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-07_G-G'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 22

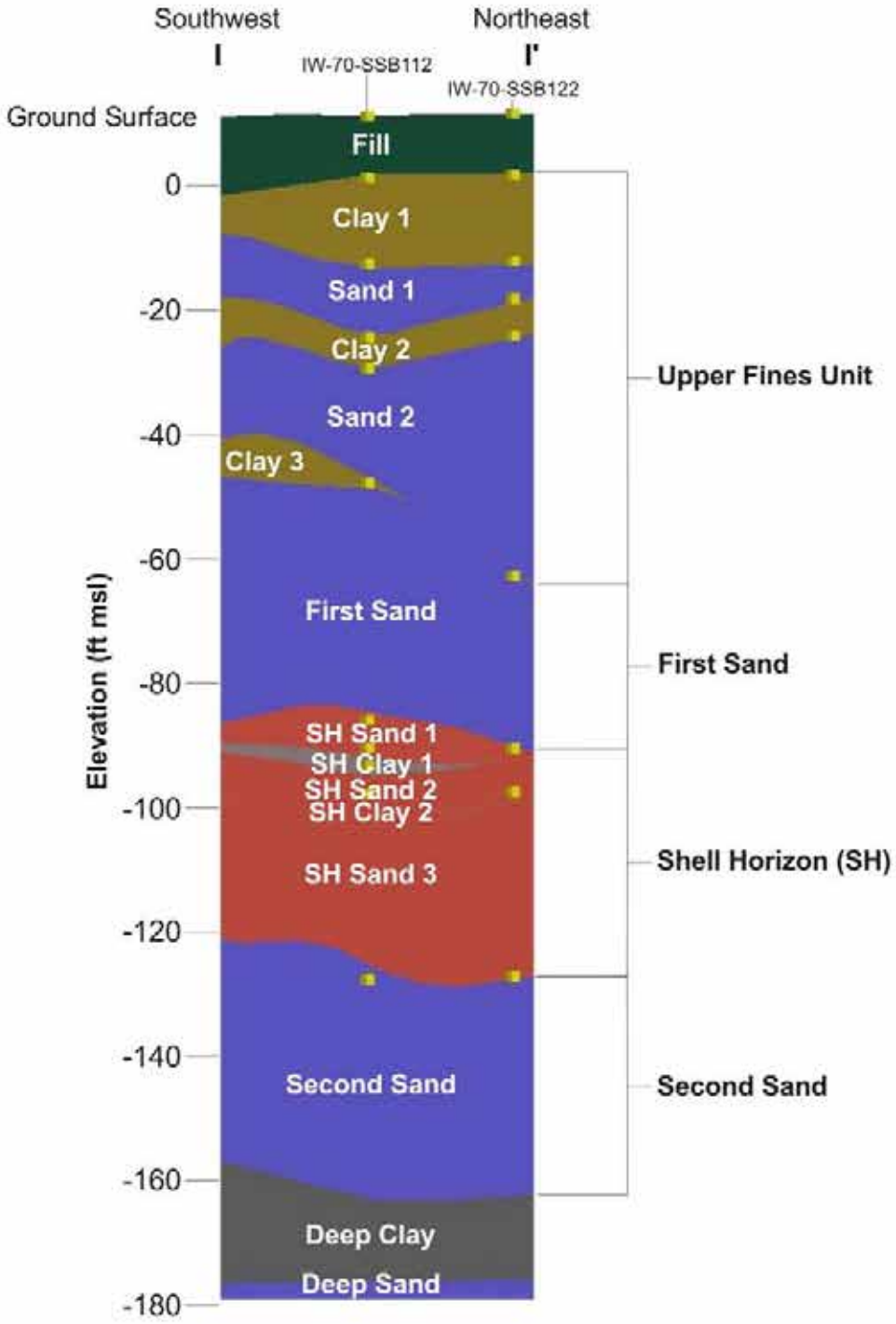
IR Site 70

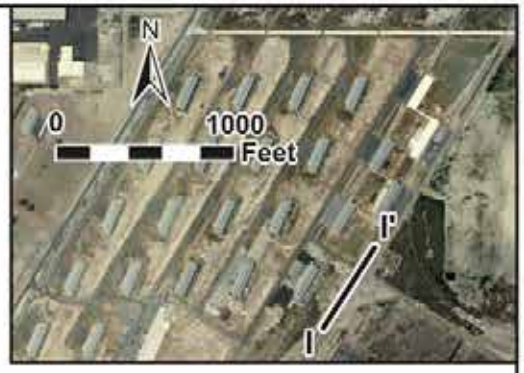
Cross Section H-H' – Shell Horizon Biobarrier 3

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-08_H-H'.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 23

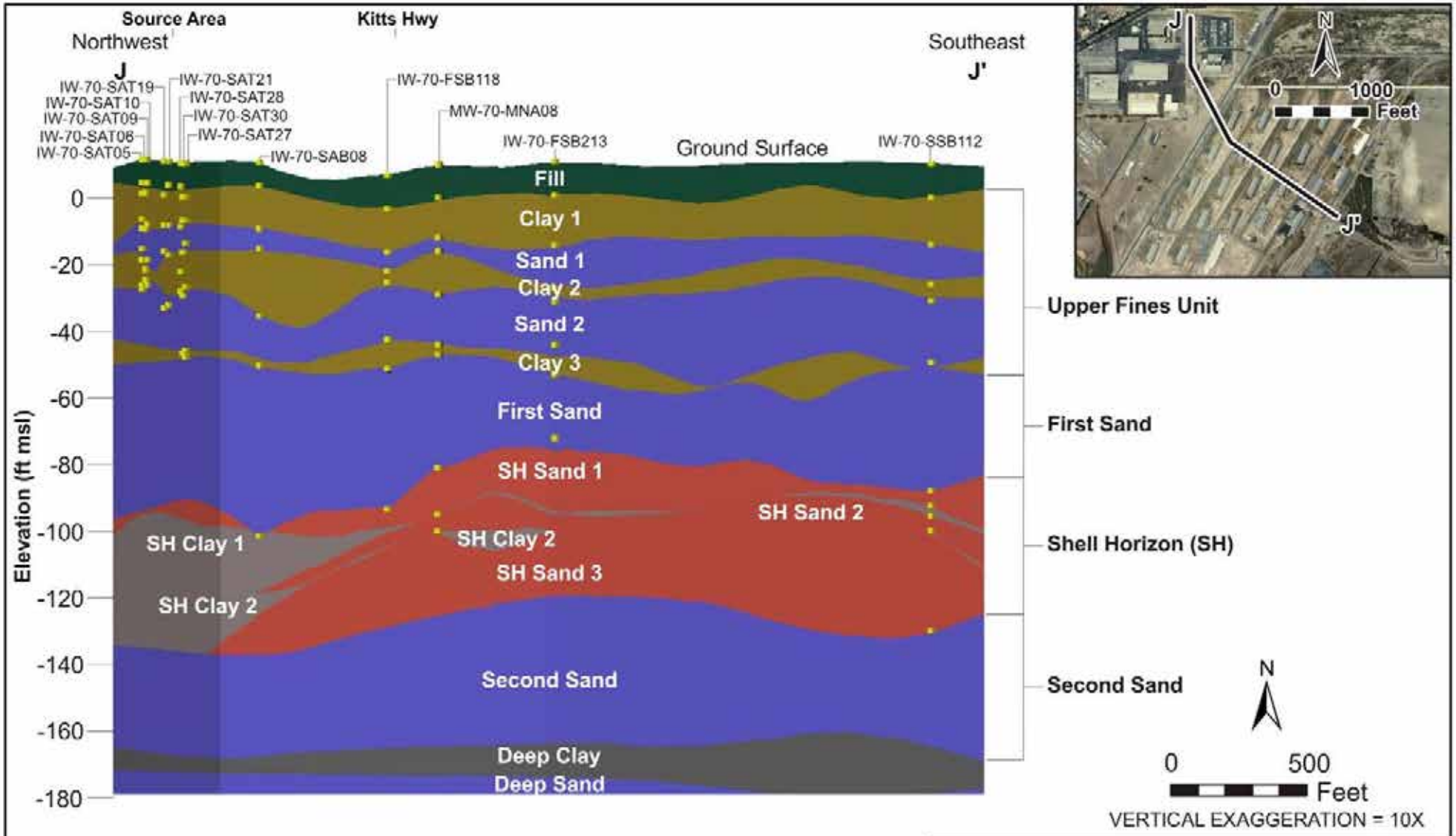
IR Site 70

Cross Section I-I' – Second Sand Biobarrier 1

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-09_I-I'.CDR
Project No.: G006104-01
Rev. VJS



LEGEND

- FILL UNIT
- UPPER FINES LOWER CONDUCTIVITY UNIT
- HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON HIGHER CONDUCTIVITY UNIT
- SHELL HORIZON LOWER CONDUCTIVITY UNIT
- DEEP SAND LOWER CONDUCTIVITY UNIT
- ft msl — ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET

Baseline Groundwater Monitoring Report

Figure 24

IR Site 70

Cross Section J-J'

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT

Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-10_J-J'.CDR
Project No.: G006104-01
Rev. VJS

LEGEND

APPROXIMATE 1,000-µG/L TCE PLUME EXTENT (2008)

µg/L MICROGRAMS PER LITER

TCE TRICHLOROETHENE

Baseline Groundwater Monitoring Report

Figure 25

IR Site 70

1,000 µg/L TCE Plume Extent at 35' BGS in Source Area (Shallow)

Naval Weapons Station Seal Beach, Seal Beach, California

N

0 250 Feet

VERTICAL EXAGGERATION = 10X

INSIGHT

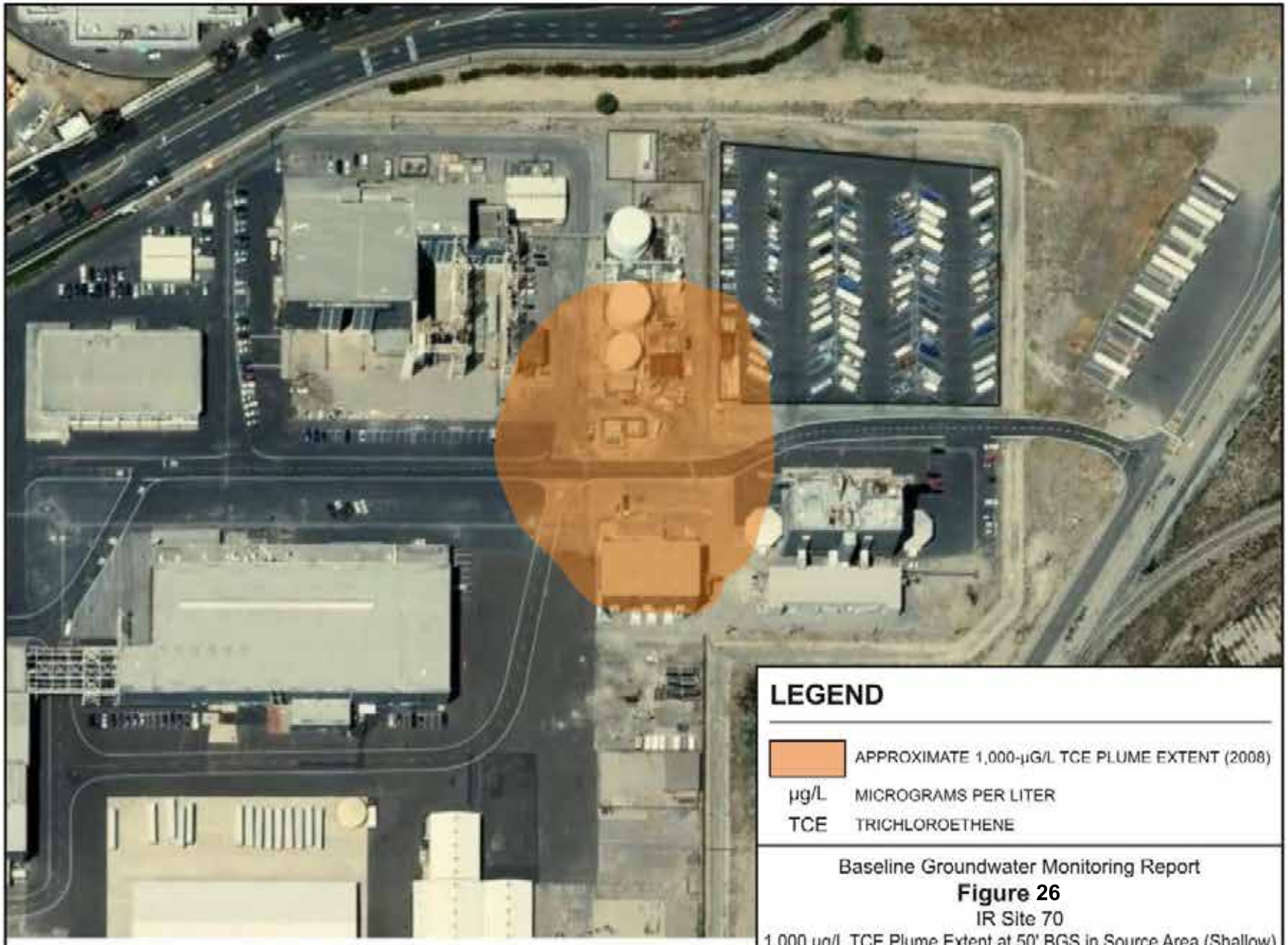
Environmental, Engineering and Construction, Inc.

Date: 03/25/2009

File No.: SB03-11_TCE_1000_35FTBGS_BL.CDR

Project No.: G006104-01

Rev. VJS



LEGEND

APPROXIMATE 1,000-µG/L TCE PLUME EXTENT (2008)

µg/L MICROGRAMS PER LITER

TCE TRICHLOROETHENE

Baseline Groundwater Monitoring Report

Figure 26

IR Site 70

1,000 µg/L TCE Plume Extent at 50' BGS in Source Area (Shallow)

Naval Weapons Station Seal Beach, Seal Beach, California

N

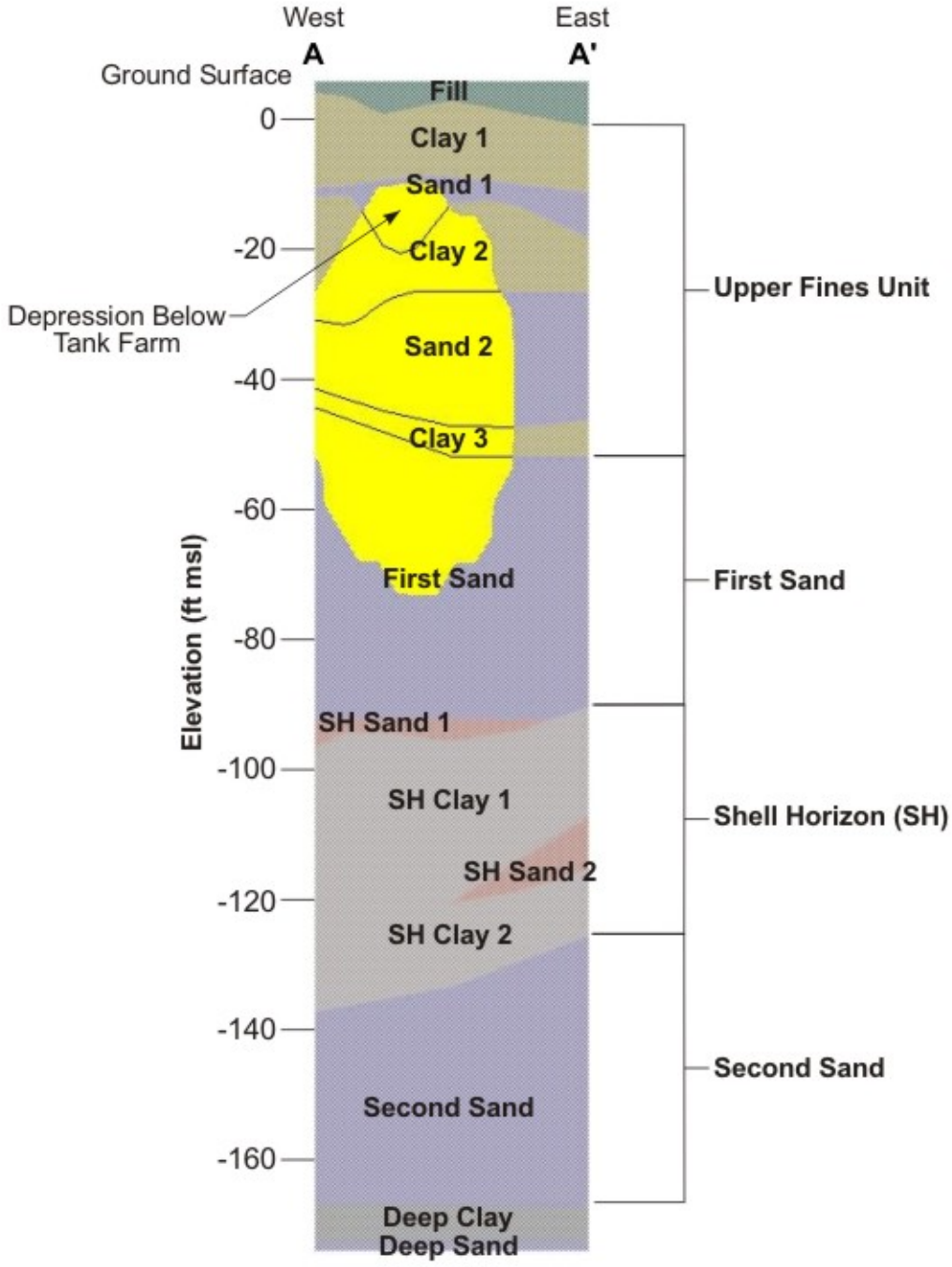
Scale in Feet

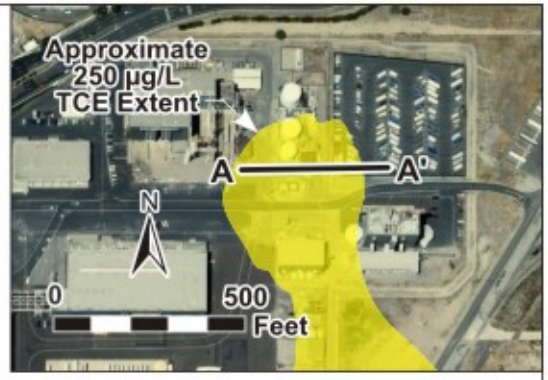
0 125 250

INSIGHT

Environmental, Engineering and Construction, Inc.

Date: 03/25/2009
File No.: SB03-11_TCE_1000_50FTBGS_BL.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

	250 µg/L TCE PLUME, 2008
µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 27

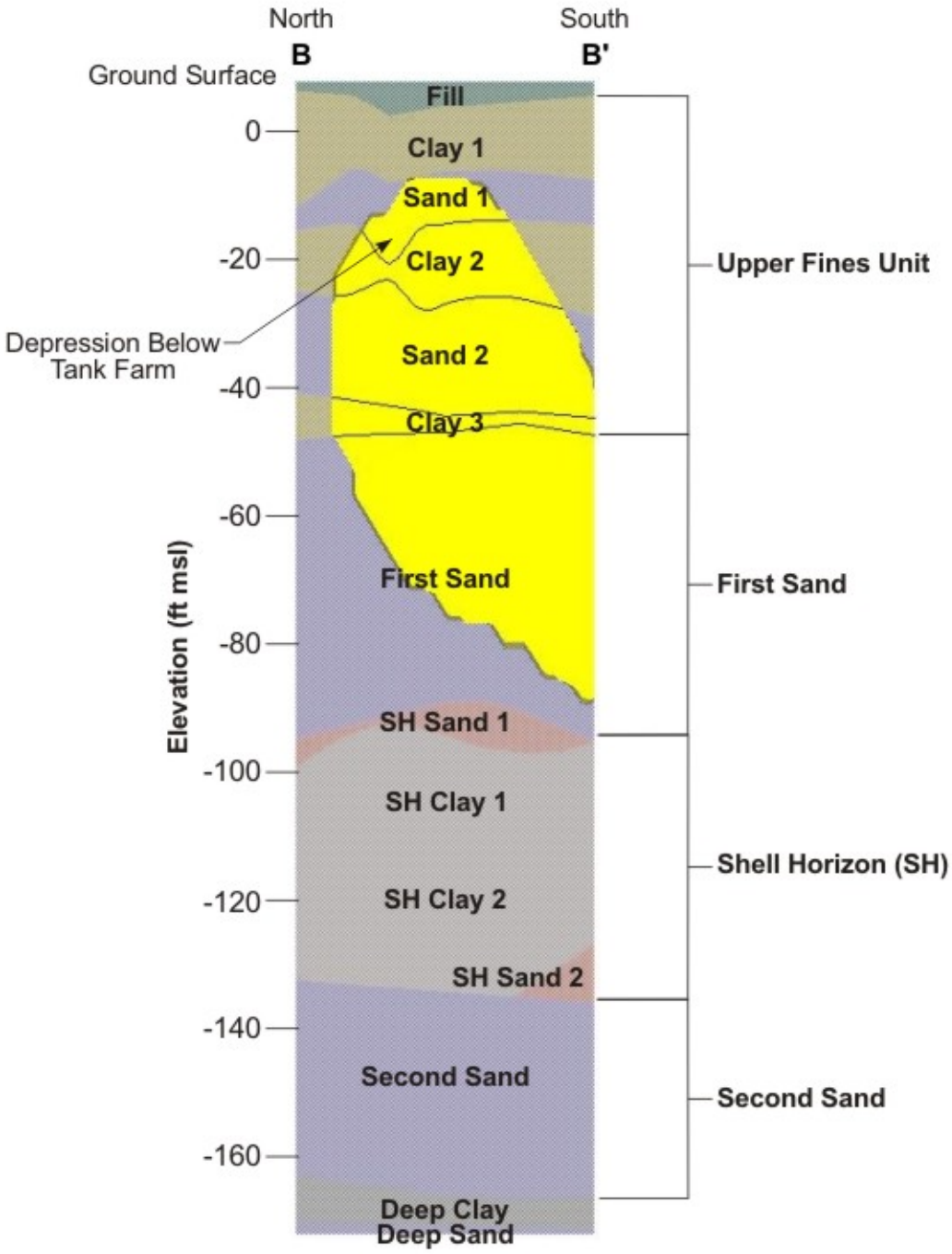
IR Site 70

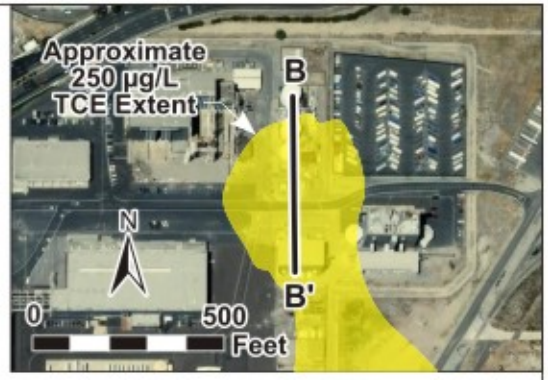
Cross Section A-A' With 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-12_A-A'_TCE_wNDHPs_BL.CDR
Project No.: G006104-01
Rev. VJS





LEGEND

	250 µg/L TCE PLUME, 2008
µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

N

0 500 Feet

VERTICAL EXAGGERATION = 10X

Baseline Groundwater Monitoring Report

Figure 28

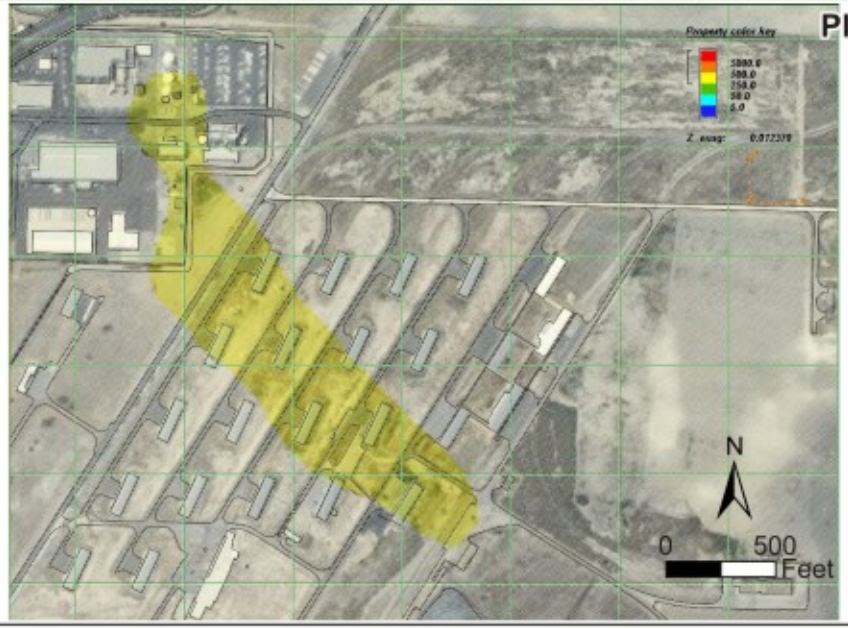
IR Site 70

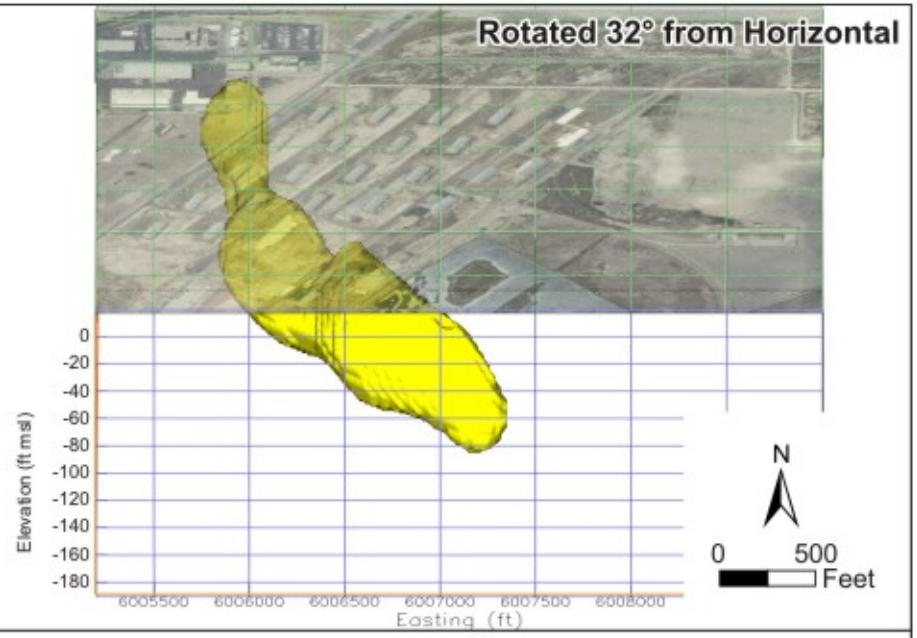
Cross Section B-B' With 250 µg/L TCE Plume

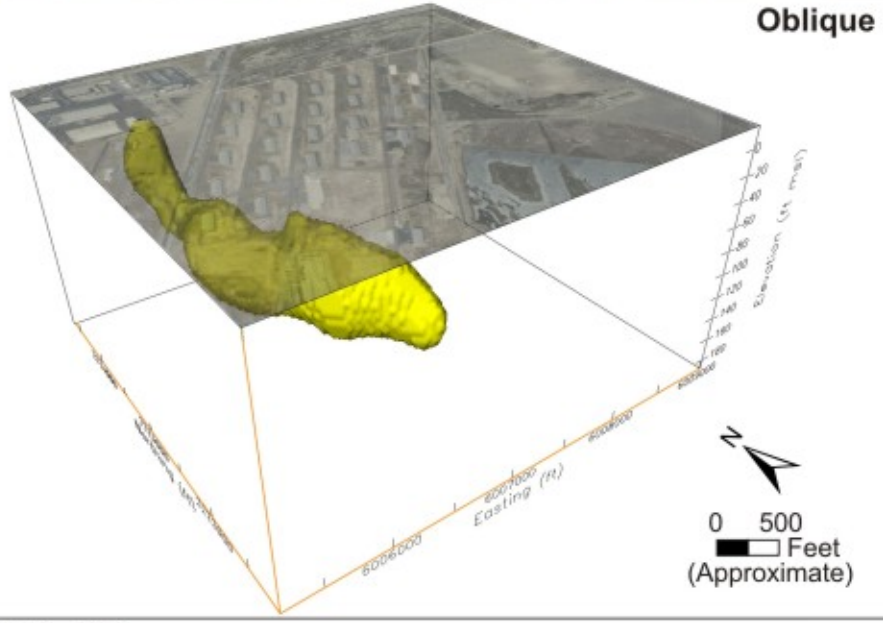
Naval Weapons Station Seal Beach, Seal Beach, California

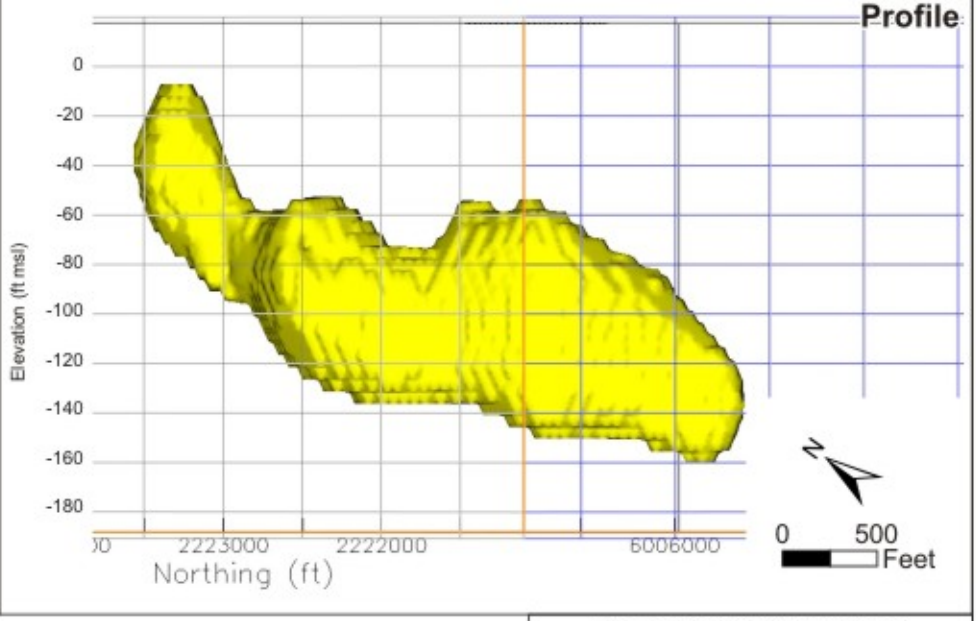
INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-13_B-B'_TCE_wNDHPs_BL.CDR
Project No.: G006104-01
Rev. VJS









LEGEND

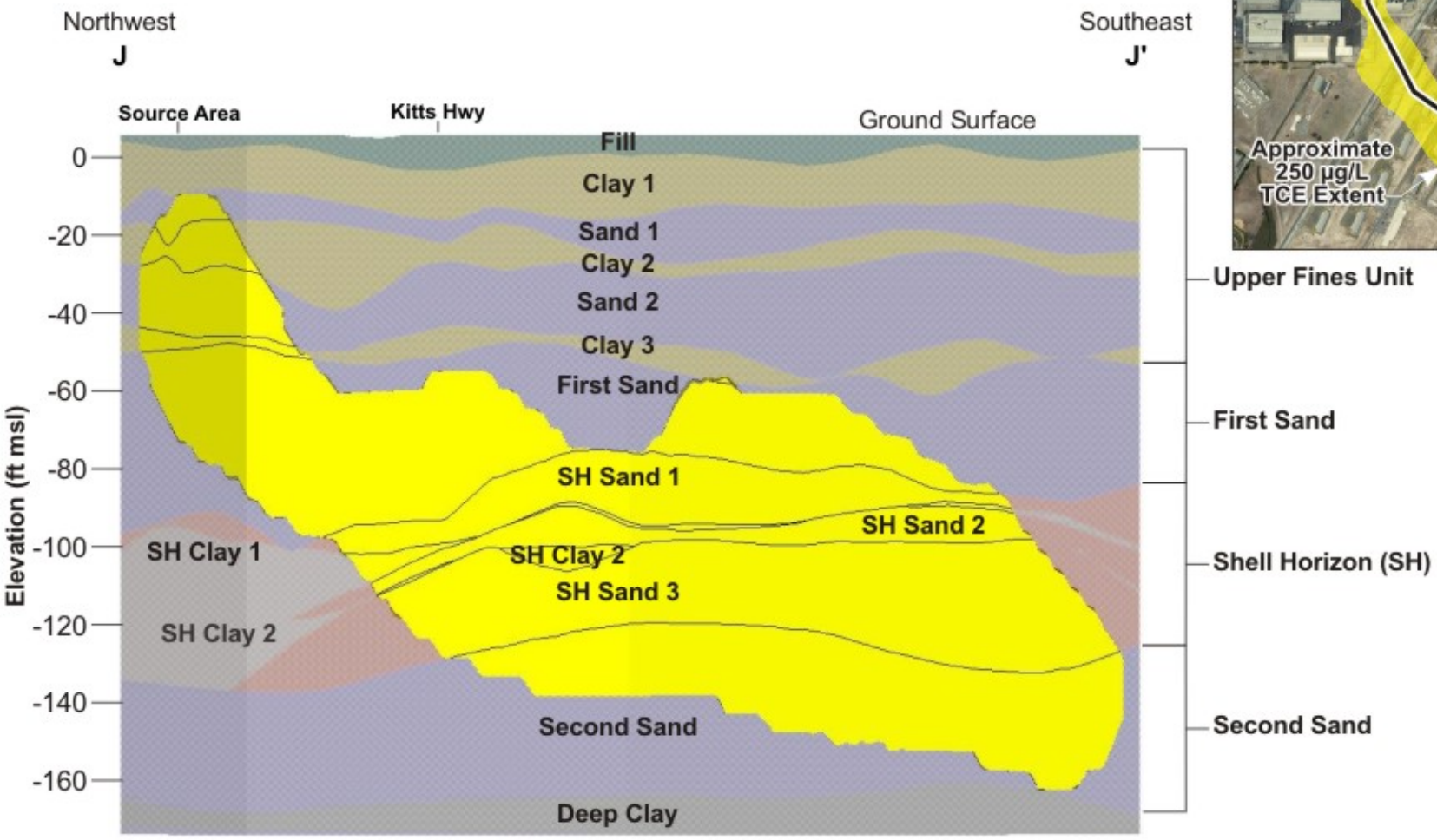
- APPROXIMATE 250 µG/L TCE PLUME, 2008
- µg/L MICROGRAMS PER LITER
- TCE TRICHLOROETHENE

Baseline Groundwater Monitoring Report
Figure 29
IR Site 70
Oblique Views of 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-14_TCE_250_BL.CDR
Project No.: G006104-01
Rev. VJS



N

0 500 Feet

VERTICAL EXAGGERATION = 10X

LEGEND

	250 µg/L TCE PLUME, 2008
µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

Baseline Groundwater Monitoring Report

Figure 30

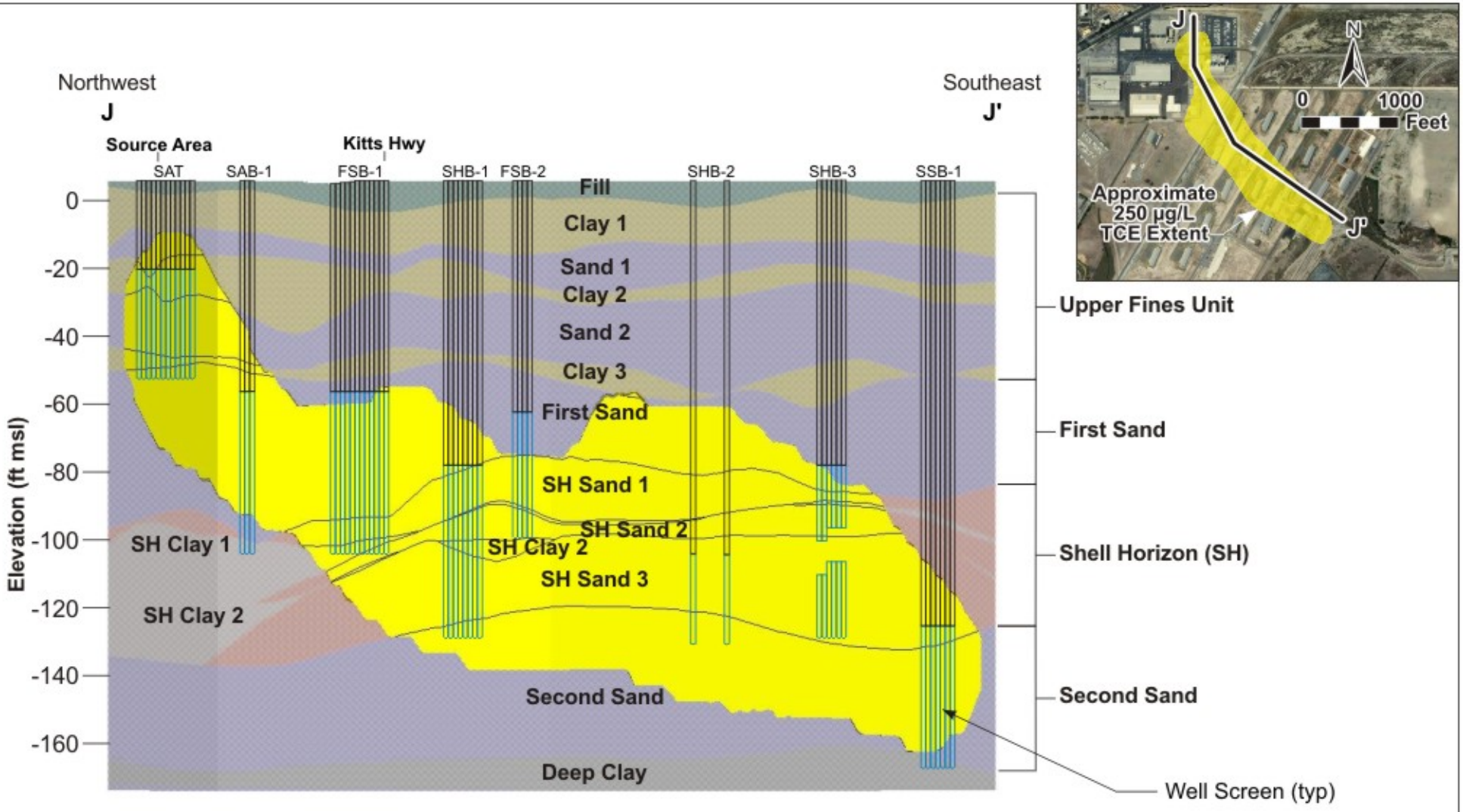
IR Site 70

Cross Section J-J' With 250 µg/L TCE Plume

Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-15_J-J'_TCE_wNDHPs_BL.CDR
Project No.: G006104-01
Rev. VJS



N

0 500 Feet

VERTICAL EXAGGERATION = 10X

LEGEND

	250 µg/L TCE PLUME, 2008
µg/L	MICROGRAMS PER LITER
ft msl	ELEVATION RELATIVE TO MEAN SEA LEVEL, IN FEET
TCE	TRICHLOROETHENE

Baseline Groundwater Monitoring Report

Figure 31

IR Site 70

Complete Injection System Cross Section

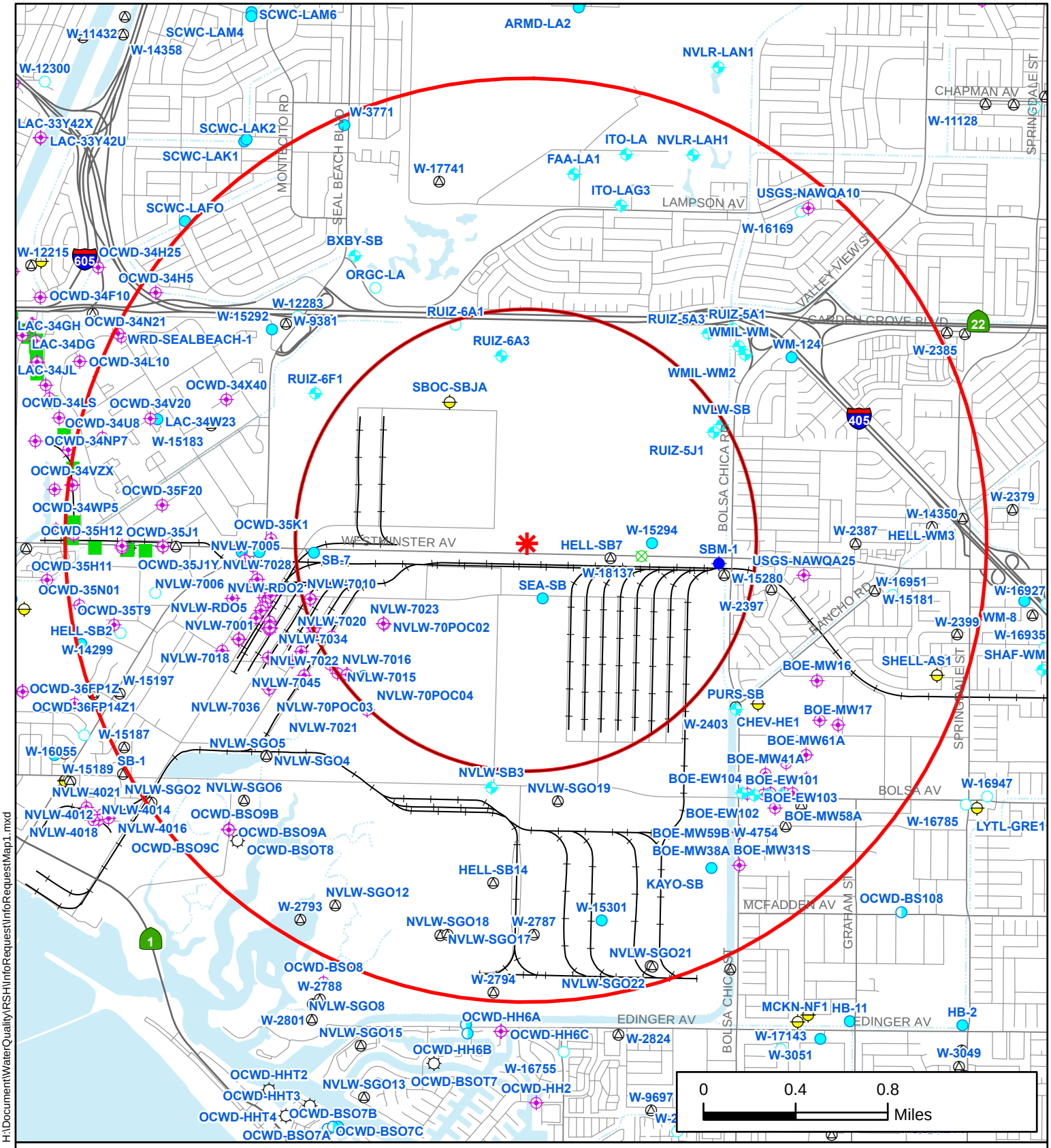
Naval Weapons Station Seal Beach, Seal Beach, California

INSIGHT
Environmental, Engineering and Construction, Inc.

Date: 03/11/2009
File No.: SB03-16_J-J'_TCE_INJ_wNDHPs_BL.CDR
Project No.: G006104-01
Rev. VJS

APPENDIX H

ORANGE COUNTY WATER DISTRICT WELL INFORMATION, PRECIPITATION DATA, & ALAMITOS BARRIER INJECTION PROJECT MAP



H:\Document\WaterQuality\RSH\InfoRequest\InfoRequestMap1.mxd

Legend Drinking Water Wells Are Excluded from This Map

- Active Large-System Production Well
- Active Small-System Production Well
- Borehole
- Cathodic Protection Well
- Destroyed Well, Sealed Status Unknown
- Destroyed and Sealed Well
- Inactive Production Well
- Injection Well
- Monitoring Well
- Multiport Monitoring Well
- Oil Well
- Other Active Production Well
- Reconstructed Well
- Soil Gas Monitoring Well
- Transfer Well
- Abandoned Well
- Unknown Type and/or Status Well

N W E S

Information Request

Request ID: 5274
Request Date: 12/17/2010
Purpose: CERCLA Investigation/Remediation
Client: Insight Environmental, Eng.
Site Name: Naval Weapons Station
Site Address: 800 Seal Beach Blvd.
Site City: Seal Beach

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
BOE-EW101	PRODUCT	SINGLE	REMEDIA	ACTIVE	77	Y	N	09/07/2006	17.50	1		77	57	77
BOE-EW102	PRODUCT	SINGLE	REMEDIA	ACTIVE	87	Y	N	09/05/2006	17.50	1		82	62	82
BOE-EW103	PRODUCT	SINGLE	REMEDIA	ACTIVE	85	Y	N	09/27/2006	17.50	1		83	63	83
BOE-EW104	PRODUCT	SINGLE	REMEDIA	ACTIVE	83	Y	N	08/30/2006	17.50	1		83	57	82
BOE-MW16	MONITOR	SINGLE	TESTING	ACTIVE	297	Y	N			1	19.25	280	260	280
BOE-MW17	MONITOR	SINGLE	TESTING	ACTIVE	298	Y	N	06/05/2003	19.96	1	19.66	275	255	275
BOE-MW19A	MONITOR	SINGLE	TESTING	ACTIVE	173	Y	N	06/06/2008	18.24	1	17.84	173	153	173
BOE-MW20S	MONITOR	SINGLE	TESTING	ACTIVE		N	N			1	15.74			
BOE-MW21S	MONITOR	SINGLE	TESTING	ACTIVE		N	N			1	15.87			
BOE-MW27A	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	05/22/2008	15.27	1	14.70	159	139	159
BOE-MW31S	MONITOR	SINGLE	TESTING	ACTIVE	92	Y	N	02/14/2005	12.07	1	11.99	88	78	88
BOE-MW34	MONITOR	SINGLE	TESTING	ACTIVE	278	Y	N	02/28/2005	15.72	1	15.19	267	252	267
BOE-MW37A	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	05/11/2005	15.72	1	15.66	165	135	165
BOE-MW38A	MONITOR	SINGLE	TESTING	ACTIVE	170	Y	N	06/03/2005	12.93	1	12.72	165	135	165
BOE-MW41A	MONITOR	SINGLE	TESTING	ACTIVE	177	Y	N	12/10/2005	16.33	1	16.06		149	169
BOE-MW42A	MONITOR	SINGLE	TESTING	ACTIVE	173	Y	N	01/13/2006	17.22	1	16.76		140	170
BOE-MW57A	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	06/16/2008	18.02	1	17.32	170	150	170
BOE-MW58A	MONITOR	SINGLE	TESTING	ACTIVE	175	Y	N	02/23/2009	15.64	1	15.64	170	150	170
BOE-MW59B	MONITOR	SINGLE	TESTING	ACTIVE	268	Y	N	01/09/2009	12.53	1	12.53	250	240	250

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
BOE-MW60A	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	12/18/2008	14.81	1	14.81	170	150	170
BOE-MW61A	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	01/02/2009	17.50	1	17.50	170	150	170
BXBY-SB	PRODUCT	SINGLE	AGR/IRR	ACTIVE	305	Y	Y	11/17/1999	18.90	1		300	150	290
CHEV-HE1	PRODUCT	SINGLE	OIL	UNKNOWN	12455	N	Y			1				
FAA-LA1	PRODUCT	SINGLE	INDUST	ACTIVE		N	N			1	19.50	65		
GG-16	PRODUCT	SINGLE	LGSYS	ACTIVE	1000	Y	Y	06/09/1964	26.50	1	30.08	910	304	864
HB-12	PRODUCT	SINGLE	LGSYS	ACTIVE	807	Y	Y	11/10/1995	20.80	1	22.30	760	265	740
HB-13	PRODUCT	SINGLE	LGSYS	ACTIVE	860	Y	Y	04/01/2001	24.96	1	27.46	830	280	810
HB-4	PRODUCT	SINGLE	LGSYS	ACTIVE	826	Y	Y	03/25/1967	25.96	1	25.96	804	252	804
HELL-SB	PRODUCT	SINGLE	AGR/IRR	ABANDON	705	Y	N			1	5.00	473	417	473
HELL-SB14	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	902	Y	N			1		625	551	625
HELL-SB2	PRODUCT	SINGLE	DOMESTIC	DESTROY	382	N	N	08/28/1965	8.79	1	10.75	320	280	320
HELL-SB7	PRODUCT	SINGLE	UNKNOWN	UNKNOWN	915	Y	N	07/23/1923	16.00	1			633	870
HELL-WM3	PRODUCT	SINGLE	UNKNOWN	UNKNOWN	733	Y	N	12/31/1917	27.80	1		714	323	714
ITO-LA	PRODUCT	SINGLE	AGR/IRR	ACTIVE	860	Y	N	05/28/1975	22.00	1	22.29	860	70	710
ITO-LAG3	PRODUCT	SINGLE	AGR/IRR	ACTIVE	800	Y	N	09/15/1988	17.00	1	18.54	800	170	780
KAYO-SB	PRODUCT	SINGLE	AGR/IRR	DESTROY	320	Y	N	11/10/1926	15.00	1		299	203	299
LAC-34W23	MONITOR	SINGLE	TESTING	DESTROY	1760	Y	Y	04/01/1959	6.85	1	6.85	587	557	567
NVLR-LAH1	PRODUCT	SINGLE	AGR/IRR	ACTIVE	836	N	N			1				

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
NVLW-7001	MONITOR	SINGLE	TESTING	ACTIVE	33	Y	N	07/23/1997	4.90	1	6.87	32	20	30
NVLW-7002	MONITOR	SINGLE	TESTING	ACTIVE	32	Y	N	07/21/1997	5.90	1	7.85	32	20	30
NVLW-7003	MONITOR	SINGLE	TESTING	ACTIVE	32	Y	N	07/25/1997	8.48	1	8.03	32	20	30
NVLW-7004	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	07/29/1997	8.65	1	8.28	60	49	59
NVLW-7005	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	07/22/1997	5.90	1	7.77	62	50	60
NVLW-7006	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	07/24/1997	8.48	1	8.25	62	50	60
NVLW-7007	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	07/23/1997	4.90	1	6.31	62	50	60
NVLW-7008	MONITOR	SINGLE	TESTING	ACTIVE	111	Y	N	03/13/1998	7.38	1	10.00	111	96	105
NVLW-7009	MONITOR	SINGLE	TESTING	ACTIVE	175	N	N	03/17/1998	7.27	1	9.89	172	160	169
NVLW-7010	MONITOR	SINGLE	TESTING	ACTIVE	41	Y	N	04/13/2000	8.37	1	10.10	41	30	40
NVLW-7011	MONITOR	SINGLE	TESTING	ACTIVE	102	Y	N	04/21/2000	8.56	1	11.07	102	80	100
NVLW-7012	MONITOR	SINGLE	TESTING	ACTIVE	115	Y	N	02/27/1998	9.13	1	8.92	112	100	110
NVLW-7013	MONITOR	SINGLE	TESTING	ACTIVE	108	Y	N	03/24/1998	8.30	1	10.89	108	95	105
NVLW-7014	MONITOR	SINGLE	TESTING	ACTIVE	187	Y	N	03/19/1998	8.51	1	11.01	173	160	170
NVLW-7015	MONITOR	SINGLE	TESTING	ACTIVE	179	N	N	03/23/1998	7.14	1	9.41	173	161	170
NVLW-7016	MONITOR	SINGLE	TESTING	ACTIVE	110	Y	N	03/26/1998	7.19	1	9.76	107	95	105
NVLW-7017	MONITOR	SINGLE	TESTING	ACTIVE	42	Y	N	04/14/2000	2.85	1	4.58	41	30	40
NVLW-7018	MONITOR	SINGLE	TESTING	ACTIVE	102	Y	N	04/26/2000	2.81	1	4.95	102	80	100
NVLW-7019	MONITOR	SINGLE	TESTING	ACTIVE	42	Y	N	04/18/2000	6.23	1	5.84	41	30	40

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
NVLW-7020	MONITOR	SINGLE	TESTING	ACTIVE		Y	N	04/24/2000	8.50	1	10.28	30	19	29
NVLW-7021	MONITOR	SINGLE	TESTING	ACTIVE	172	Y	N	04/25/2000	5.33	1	7.70	172	150	170
NVLW-7022	MONITOR	SINGLE	TESTING	ACTIVE	32	Y	N	04/17/2000	8.67	1	10.21	31	20	30
NVLW-7023	MONITOR	SINGLE	TESTING	ACTIVE	132	Y	N	04/18/2000	8.46	1	11.17	132	110	130
NVLW-7024	MONITOR	SINGLE	TESTING	ACTIVE	27	Y	N	04/14/2000	3.05	1	4.75	25	15	25
NVLW-7025	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	04/17/2000	7.22	1	8.31	61	50	60
NVLW-7027	MONITOR	SINGLE	TESTING	ACTIVE	36	Y	N	07/03/2001	8.80	1	8.25	36	26	36
NVLW-7028	MONITOR	SINGLE	TESTING	ACTIVE	62	Y	N	07/03/2001	8.65	1	8.30	61	50	60
NVLW-7031	MONITOR	SINGLE	TESTING	ACTIVE	145	Y	N	02/22/2002	6.12	1	8.61	141	130	140
NVLW-7032	MONITOR	SINGLE	TESTING	INACTIVE	110	Y	N	02/14/2002	6.37	1	8.87	106	95	105
NVLW-7033	MONITOR	SINGLE	TESTING	INACTIVE	170	Y	N	02/20/2002	6.46	1	8.84	166	155	165
NVLW-7034	MONITOR	SINGLE	TESTING	INACTIVE	60	Y	N	02/19/2002	7.41	1	9.93	57	46	56
NVLW-7035	MONITOR	SINGLE	TESTING	ACTIVE	103	Y	N	03/01/2002	3.67	1	6.31	101	90	100
NVLW-7036	MONITOR	SINGLE	TESTING	ACTIVE	170	Y	N	03/04/2002	6.71	1	9.04	161	150	160
NVLW-7037	MONITOR	SINGLE	TESTING	ACTIVE	112	Y	N	09/24/2003	8.68	1	8.15	109	89	109
NVLW-7038	MONITOR	SINGLE	TESTING	ACTIVE	102	Y	N	09/17/2003	4.37	1	6.85	101	80	100
NVLW-7039	MONITOR	SINGLE	TESTING	ACTIVE	159	Y	N	09/24/2003	8.43	1	8.10	154	143	153
NVLW-7040	MONITOR	SINGLE	TESTING	ACTIVE	160	Y	N	09/25/2003	4.72	1	7.23	151	140	150
NVLW-7041	MONITOR	NESTED	TESTING	ACTIVE	146	Y	N	07/22/2005	7.70	1	10.34	103	83	103
										2	10.16	143	133	143

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
NVLW-7042	MONITOR	NESTED	TESTING	ACTIVE	151	Y	N	07/22/2005	7.67	1	10.24	106	86	106
										2	9.98	146	136	146
NVLW-7043	MONITOR	NESTED	TESTING	ACTIVE	150	Y	N	07/22/2005	7.93	1	10.76	106	86	106
										2	10.58	146	136	146
NVLW-7044	MONITOR	NESTED	TESTING	ACTIVE	158	Y	N	09/15/2006	6.48	1	9.38	68	48	68
										2	9.36	102	82	102
										3	9.39	150	123	143
NVLW-7045	MONITOR	NESTED	TESTING	ACTIVE	157	Y	N	09/19/2006	6.86	1	9.28	70	50	70
										2	9.31	105	85	105
										3	9.31	155	135	155
NVLW-7046	MONITOR	NESTED	TESTING	ACTIVE	107	Y	N	09/15/2006	8.68	1	11.58	71	51	71
										2	11.65	105	85	105
NVLW-70POC02	MONITOR	SINGLE	TESTING	ACTIVE		Y	N	09/19/2007	8.68	1	8.25	201	190	201
NVLW-70POC03	MONITOR	SINGLE	TESTING	ACTIVE	205	Y	N	09/11/2007	7.19	1	9.64	201	190	200
NVLW-70POC04	MONITOR	SINGLE	TESTING	ACTIVE	210	Y	N	10/18/2007	5.87	1	8.50	206	195	206
NVLW-EW7001	PRODUCT	SINGLE	REMEDIA	INACTIVE	33	Y	N	07/31/1998	8.26	1	7.69	31	20	30
NVLW-EW7003	PRODUCT	SINGLE	REMEDIA	INACTIVE	130	Y	N	02/26/2002	7.29	1	10.43	126	95	120
NVLW-RDO1	MONITOR	SINGLE	TESTING	ACTIVE	110	Y	N	08/19/2005	5.35	1	5.21	106	65	105
NVLW-RDO2	MONITOR	SINGLE	TESTING	ACTIVE	110	Y	N	08/18/2005	4.65	1	4.62	106	65	105
NVLW-RDO3A	MONITOR	SINGLE	TESTING	ACTIVE	31	Y	N	08/23/2005	7.09	1	9.28	31	20	30
NVLW-RDO3B	MONITOR	SINGLE	TESTING	ACTIVE	107	Y	N	08/23/2005	4.35	1	6.96	106	65	105
NVLW-RDO4	MONITOR	SINGLE	TESTING	ACTIVE	112	Y	N	08/16/2005	4.15	1	4.13	106	65	105
NVLW-RDO5	MONITOR	SINGLE	TESTING	ACTIVE	107	Y	N	08/15/2005	4.00	1	6.01	106	65	105

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
NVLW-RDO6A	MONITOR	SINGLE	TESTING	ACTIVE	109	Y	N	08/30/2005	9.28	1	11.30	106	95	105
NVLW-RDO6B	MONITOR	SINGLE	TESTING	ACTIVE	145	Y	N	08/25/2005	8.44	1	10.60	141	130	140
NVLW-SB	PRODUCT	SINGLE	AGR/IRR	ACTIVE	430	Y	N	03/25/1999	14.90	1		420	200	420
NVLW-SB2	PRODUCT	SINGLE	AGR/IRR	INACTIVE	424	Y	Y	02/16/2010	20.00	1	20.00	407	207	407
NVLW-SB3	PRODUCT	SINGLE	AGR/IRR	ACTIVE	680	N	N	01/01/1950	7.00	1	8.00	680		
NVLW-SB6	PRODUCT	SINGLE	LGSYS	INACTIVE	802	Y	N	05/01/1950	10.00	1	10.63	802	548	655
NVLW-SGO12	MONITOR	NESTED	TESTING	UNKNOWN	130	N	N	06/01/1965	5.00	1		40	20	40
										2		75	52	75
										3		130	98	130
NVLW-SGO17	MONITOR	SINGLE	TESTING	UNKNOWN	60	N	N	03/01/1966	3.00	1		60	50	60
NVLW-SGO18	MONITOR	SINGLE	TESTING	UNKNOWN	100	N	N	03/01/1966	3.00	1		100	90	100
NVLW-SGO19	MONITOR	SINGLE	TESTING	UNKNOWN	60	N	N	03/01/1966	8.00	1		60	50	60
NVLW-SGO2	MONITOR	SINGLE	TESTING	UNKNOWN	30	N	N			1		30	20	30
NVLW-SGO21	MONITOR	SINGLE	TESTING	UNKNOWN	30	N	N	03/31/1966	11.20	1		30	20	30
NVLW-SGO22	MONITOR	SINGLE	TESTING	UNKNOWN	100	N	N	03/01/1966	8.00	1		100	90	100
NVLW-SGO3	MONITOR	SINGLE	TESTING	UNKNOWN	90	N	N			1		90	80	90
NVLW-SGO4	MONITOR	SINGLE	TESTING	UNKNOWN	30	N	N			1		30	28	30
NVLW-SGO5	MONITOR	SINGLE	TESTING	UNKNOWN	90	N	N			1		90	80	90
NVLW-SGO6	MONITOR	NESTED	TESTING	UNKNOWN	120	N	N			1		40	10	40
										2		120	67	120
OCWD-34H5	MONITOR	NESTED	TESTING	ACTIVE	480	Y	Y	11/10/1999	7.21	1	7.20	360	300	340

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
OCWD-34H5	MONITOR	NESTED	TESTING	ACTIVE	480	Y	Y	11/10/1999	7.21	2	7.20	475	405	455
OCWD-34N21	MONITOR	NESTED	TESTING	ACTIVE	494	Y	Y	05/29/1965	6.80	1	6.80		329	366
										2	6.80		424	464
OCWD-34U8	MONITOR	NESTED	TESTING	ACTIVE	424	Y	Y	05/12/1965	5.40	1	5.40	180	149	174
										2	5.40	240	224	234
										3	5.40	325	279	319
										4	5.40	389	359	384
OCWD-34V	INJECT	NESTED	BARRIER	ACTIVE	320	Y	Y	04/26/1982	3.92	1			120	175
										2			200	230
										3			260	300
OCWD-34V20	MONITOR	NESTED	TESTING	ACTIVE	456	Y	Y	04/29/1965	6.30	1	6.30	313	235	307
										2	6.30	422	387	417
OCWD-34VZX	MONITOR	SINGLE	TESTING	ACTIVE	199	Y	N	05/23/1990	6.20	1	6.20	187	147	177
OCWD-34VZY	MONITOR	SINGLE	TESTING	ACTIVE	265	Y	Y	05/22/1990	6.20	1	6.20	245	215	235
OCWD-34X40	MONITOR	NESTED	TESTING	ACTIVE	450	Y	Y	11/09/2009	6.97	1	6.63	118	88	113
										2	6.50	159	139	154
										3	6.39	249	204	244
										4	6.23	363	333	358
OCWD-34Z	INJECT	SINGLE	BARRIER	ACTIVE	191	Y	Y	02/22/1991	7.77	1		160	110	150
OCWD-35E01X	MONITOR	SINGLE	TESTING	ACTIVE	98	Y	N	05/15/1990	6.50	1	6.50	95	65	85
OCWD-35E01Y	MONITOR	SINGLE	TESTING	ACTIVE	343	Y	Y	05/14/1990	6.50	1	6.50	135	105	125
OCWD-35F	INJECT	SINGLE	BARRIER	ACTIVE	168	Y	Y	09/29/1999	5.45	1		135	80	115
OCWD-35F20	MONITOR	NESTED	TESTING	ACTIVE	300	Y	Y			1	6.50		70	95
										2	6.50		115	125
										3	6.50		145	180
										4	6.50		235	265

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
OCWD-35G	INJECT	SINGLE	BARRIER	ACTIVE	182	Y	Y	03/02/1991	7.39	1		155	80	145
OCWD-35H11	MONITOR	NESTED	TESTING	ACTIVE	230	Y	Y	08/10/1966	6.40	1	6.40	82	44	77
										2	6.40	163	125	158
										3	6.40	225	200	220
OCWD-35H12	MONITOR	SINGLE	TESTING	ACTIVE	300	Y	N	06/18/1959	6.50	1	6.50	159	137	147
OCWD-35H1X	INJECT	SINGLE	BARRIER	ACTIVE	257	Y	N	02/25/2000	9.13	1		186	131	171
OCWD-35H1Y	INJECT	SINGLE	BARRIER	ACTIVE	271	Y	N	01/28/2000	8.82	1		257	215	237
OCWD-35H2	INJECT	SINGLE	BARRIER	ACTIVE	260	Y	Y	08/17/2000	7.98	1		245	112	241
OCWD-35H2X	NA	NA	UNKNOWN	DESTROY	259	Y	N	06/29/2000	5.40	1		245		
OCWD-35J1	MONITOR	NESTED	TESTING	ACTIVE	271	Y	Y	01/20/2000	7.42	1	7.42	190	130	170
										2	7.42	260	190	240
OCWD-35J1Y	MONITOR	SINGLE	TESTING	ACTIVE	378	Y	Y	11/24/2009	7.10	1	6.58	299	264	294
OCWD-35K1	MONITOR	NESTED	TESTING	ACTIVE	275	Y	Y	01/31/2000	7.96	1	7.96	190	130	170
										2	7.96	263	193	243
OCWD-35K1V	MONITOR	SINGLE	TESTING	ACTIVE	112	Y	N	12/14/2009	7.58	1	6.92	111	90	110
OCWD-35K1Y	MONITOR	SINGLE	TESTING	ACTIVE	395	Y	Y	10/15/2009	7.73	1	7.50	391	366	386
OCWD-35N01	MONITOR	NESTED	TESTING	ACTIVE	101	Y	Y	08/05/1966	7.30	1	7.30	80	39	79
										2	7.30	90	80	85
OCWD-35T9	MONITOR	SINGLE	TESTING	ACTIVE	1020	Y	Y	05/01/1959	7.90	1	7.90	432	390	411
OCWD-36FP1X	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	160	Y	N	06/04/1959	39.50	1	39.50	160	136	146
OCWD-BSO9A	MONITOR	NESTED	TESTING	ACTIVE	445	N	N	09/17/1963	5.00	1	5.19	24	10	24
										2	5.35	169	115	162
										3	5.24	285	195	285

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
OCWD-BSO9B	MONITOR	NESTED	TESTING	ACTIVE	624	Y	N	08/24/1963	5.00	1	5.19	101	56	101
										2	5.32	620	520	615
OCWD-BSO9C	MONITOR	SINGLE	TESTING	ACTIVE	450	Y	N			1	5.64	445	340	435
OCWD-BSOT8	NA	NA	NA	DESTROY	1010	Y	Y	09/12/1961	10.00					
ORGC-LA	PRODUCT	SINGLE	DOMESTIC	ABANDON	954	Y	N	11/18/1965	14.00	1		954	734	874
PURS-SB	PRODUCT	SINGLE	AGR/IRR	ACTIVE	252	N	N			1	17.00	252		
RUIZ-5A1	PRODUCT	SINGLE	AGR/IRR	ACTIVE		N	N			1				
RUIZ-5A3	PRODUCT	SINGLE	AGR/IRR	ACTIVE	425	Y	Y	08/04/1987	20.00	1	21.29	410	210	390
RUIZ-5J1	PRODUCT	SINGLE	AGR/IRR	ACTIVE	550	Y	N	10/05/1971	20.00	1		550	490	550
RUIZ-6A1	PRODUCT	SINGLE	AGR/IRR	ABANDON	1030	Y	N			1		1030	818	975
RUIZ-6A3	PRODUCT	SINGLE	AGR/IRR	ACTIVE		N	N			1				
RUIZ-6F1	PRODUCT	SINGLE	AGR/IRR	ACTIVE	426	Y	Y	04/27/1984	8.00	1		410	210	390
SB-7	PRODUCT	SINGLE	LGSYS	DESTROY	674	Y	N	07/01/1950	9.00	1	10.00	674	580	654
SB-BC	PRODUCT	SINGLE	LGSYS	ACTIVE	1050	Y	Y	01/14/1977	21.00	1	22.00	1040	370	1020
SB-BEV	PRODUCT	SINGLE	LGSYS	ACTIVE	920	Y	N	11/27/1968	11.20	1	11.86	800	400	800
SB-LAM	PRODUCT	SINGLE	LGSYS	INACTIVE	1200	Y	Y	04/24/2009	20.00	1	20.00	1190	360	1170
SB-LEI	PRODUCT	SINGLE	LGSYS	ACTIVE	840	Y	Y	04/07/1962	9.80	1	11.43	840	420	840
SBM-1	MONITOR	WESTBAY	TESTING	ACTIVE	2023	Y	Y	06/04/1993	17.07	1	17.99	1300	74	1260
SBOC-SBJA	PRODUCT	SINGLE	OIL	UNKNOWN	8014	N	Y			1				
SCWC-LAMO	PRODUCT	SINGLE	LGSYS	INACTIVE	720	Y	N	01/02/1959	13.34	1	14.14	716	257	383

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
SCWC-LAYT	PRODUCT	SINGLE	LGSYS	ACTIVE	812	Y	Y	04/15/1960	12.00	1	12.58	800	250	800
SEA-SB	PRODUCT	SINGLE	AGR/IRR	DESTROY	415	Y	N	08/20/1971	14.00	1		415	220	380
SHELL-AS1	PRODUCT	SINGLE	OIL	UNKNOWN	11469	N	Y			1				
USGS-NAWQA10	MONITOR	SINGLE	TESTING	ACTIVE	24	Y	N	11/19/1999	20.10	1		24	14	19
USGS-NAWQA25	MONITOR	SINGLE	TESTING	ACTIVE	19	Y	N	12/06/1999	19.00	1		19	9	19
W-11672	PRODUCT	SINGLE	DOMESTIC	DESTROY	1172	Y	N			1				
W-12283	PRODUCT	SINGLE	DOMESTIC	ABANDON	712	Y	N	05/30/1923	12.00	1	12.00		662	684
W-14299	UNKNOWN	SINGLE	UNKNOWN	ABANDON	1080	Y	N	10/09/1925	10.00	1				
W-14350	PRODUCT	SINGLE	DOMESTIC	UNKNOWN	120	N	N			1	27.50	120		
W-15181	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	225	Y	N	06/01/1913	21.00	1		486	211	486
W-15183	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	724	Y	N	11/30/1953	5.40	1		637	232	637
W-15187	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	620	Y	N	07/19/1939	41.70	1		586	561	586
W-15197	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	723	Y	N			1		709	668	709
W-15280	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN		N	N			1				
W-15292	UNKNOWN	SINGLE	UNKNOWN	DESTROY	104	N	N			1		104		
W-15294	UNKNOWN	SINGLE	UNKNOWN	DESTROY	185	N	N			1		185		
W-15296	UNKNOWN	SINGLE	UNKNOWN	DESTROY	158	N	N			1		158		
W-15301	UNKNOWN	SINGLE	UNKNOWN	DESTROY		N	N			1		216		
W-16169	PRODUCT	SINGLE	LGSYS	ABANDON	864	N	N	06/01/1964	19.10	1		864		

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
W-16951	PRODUCT	SINGLE	DOMESTIC	ABANDON	120	N	N			1		120		
W-17741	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN		N	N			1				
W-18091	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	350	Y	N	02/14/1977	8.40	1		250		
W-18137	CATHODIC	SINGLE	CATHODIC	ACTIVE	350	Y	N	02/14/1977	15.50	1		250		
W-2387	PRODUCT	SINGLE	SMSYS	UNKNOWN	810	Y	N	06/01/1959	21.00	1		810	720	810
W-2393	PRODUCT	SINGLE	DOMESTIC	DESTROY	796	Y	N	01/01/1945	5.00	1				
W-2397	PRODUCT	SINGLE	AGR/IRR	UNKNOWN	316	Y	N	04/17/1951	19.00	1		316	260	290
W-2399	PRODUCT	SINGLE	AGR/IRR	UNKNOWN	670	Y	N	01/01/1951	25.80	1		670	281	617
W-2403	PRODUCT	SINGLE	AGR/IRR	UNKNOWN	535	Y	N	02/12/1960	17.50	1		535	221	535
W-2783	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	900	Y	N	05/01/1920	16.70	1				
W-2787	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	299	Y	N			1				
W-2793	UNKNOWN	SINGLE	UNKNOWN	UNKNOWN	1635	Y	N	01/01/1933	29.58	1	29.58	1635		
W-2794	PRODUCT	SINGLE	UNKNOWN	UNKNOWN	895	Y	N	08/04/1925	5.00	1		830	186	830
W-3771	PRODUCT	SINGLE	UNKNOWN	DESTROY	400	N	N	03/01/1947	16.00	1	16.00	379	182	379
W-4752	PRODUCT	SINGLE	DOMESTIC	ABANDON	801	N	N			1	15.20			
W-4754	MONITOR	SINGLE	TESTING	UNKNOWN	400	N	N			1	16.00			
W-9381	PRODUCT	SINGLE	UNKNOWN	UNKNOWN	18	Y	N			1				
WM-124	PRODUCT	SINGLE	LGSYS	DESTROY	528	Y	N	01/01/1950	24.00	1	25.08	528	111	510
WM-125	PRODUCT	SINGLE	LGSYS	ACTIVE	930	Y	Y	01/06/1999	25.00	1	25.00	880	374	860

ORANGE COUNTY WATER DISTRICT
GENERAL WELL INFORMATION

Well Site Name	Well Type	Well Subtype	Well Use	Well Status	Bore Depth	Lithlog	Elog	Date Drilled	Elev GS	Casing Seq #	Elev RP	Cased Depth	Perforations Top	Perforations Bottom
WM-RES2	PRODUCT	SINGLE	LGSYS	ACTIVE	960	Y	Y	02/13/1968	28.00	1	29.00	937	340	937
WMIL-WM	PRODUCT	SINGLE	DOMESTIC	ACTIVE	300	Y	N	06/25/1971	25.00	1	25.67	300	260	300
WMIL-WM2	PRODUCT	SINGLE	DOMESTIC	ACTIVE	650	Y	N	01/07/1993	20.00	1		650	150	640
WRD-SEALBEACH-1	MONITOR	NESTED	TESTING	ACTIVE	1505	Y	N	06/09/2010	7.00	1	7.00	70	60	70
										2	7.00	235	215	235
										3	7.00	625	605	625
										4	7.00	795	775	795
										5	7.00	1040	1020	1040
										6	7.00	1180	1160	1180
										7	7.00	1365	1345	1365

ORANGE COUNTY WATER DISTRICT
PRODUCTION WELL INFORMATION

Well Name	WPF	Well Use	Well	Elev GS	Elev RP	Date	Cased Depth	Bowl Depth	Sanitary Seal Depth	Perforations Top	Perforations Bottom	Operational Discharge (gpm)	Specific Capacity (gpm/ft)
Owner Name: ANAHEIM SUGAR COMPANY													
W-2399		AGR/IRR	UNKNOWN	25.80		01/01/1951	670			281	617		
Owner Name: BIXBY LAND COMPANY													
ORGC-LA	87-02-10-D	DOMESTIC	ABANDON	14.00		11/18/1965	954			734	874		21.00
W-3771		UNKNOWN	DESTROY	16.00	16.00	03/01/1947	379			182	379		
Owner Name: BIXBY-BRYANT RANCH													
BXBY-SB	87-02-10-E	AGR/IRR	ACTIVE	18.90		11/17/1999	300			150	290		
Owner Name: CALIFORNIA GUN CLUB													
W-2393	95-02-2-D	DOMESTIC	DESTROY	5.00		01/01/1945							
Owner Name: CAMERON TRACT WATER COMPANY													
W-2387	95-04-5-A	SMSYS	UNKNOWN	21.00		06/01/1959	810		30	720	810		140.00
Owner Name: FEDERAL AVAIATION ADMIN.													
FAA-LA1	87-02-3-L	INDUST	ACTIVE	19.50	19.50		65						
Owner Name: GARDEN GROVE													
GG-16	87-02-9-C	LGSYS	ACTIVE	26.50	30.08	06/09/1964	910	215		304	864	1650	96.30
W-16169	87-02-9-D	LGSYS	ABANDON	19.10		06/01/1964	864						
Owner Name: GOLDEN STATE WATER CO - OC													
SCWC-LAMO	87-01-8-D	LGSYS	INACTIVE	13.34	14.14	01/02/1959	716	156	24	257	383	400	10.20
SCWC-LAYT	87-01-8-E	LGSYS	ACTIVE	12.00	12.58	04/15/1960	800	143	282	250	800	755	66.66
Owner Name: HELLMAN ESTATES													
HELL-SB	95-01-4-A	AGR/IRR	ABANDON	5.00	5.00		473			417	473		
HELL-SB2	95-01-3-A	DOMESTIC	DESTROY	8.79	10.75	08/28/1965	320			280	320		
HELL-SB7		UNKNOWN	UNKNOWN	16.00		07/23/1923				633	870		
HELL-WM3		UNKNOWN	UNKNOWN	27.80		12/31/1917	714			323	714		
W-12283		DOMESTIC	ABANDON	12.00	12.00	05/30/1923				662	684		
W-2397	95-04-8-A	AGR/IRR	UNKNOWN	19.00		04/17/1951	316			260	290		
Owner Name: HUNTINGTON BEACH													
HB-12	95-04-09-B	LGSYS	ACTIVE	20.80	22.30	11/10/1995	760	200	192	265	740	1500	79.40

NOTE: Depths are in feet below ground surface. Elevations in feet relatrive to mean sea level.
GS = Ground Surface RP = Reference Point Elev = Elevation
WPF = Water Producing Facility gpm = gallons per minute

ORANGE COUNTY WATER DISTRICT
PRODUCTION WELL INFORMATION

Well Name	WPF	Well Use	Well	Elev GS	Elev RP	Date	Cased Depth	Bowl Depth	Sanitary Seal Depth	Perforations Top	Perforations Bottom	Operational Discharge (gpm)	Specific Capacity (gpm/ft)
Owner Name: HUNTINGTON BEACH													
HB-13	95-04-10-E	LGSYS	ACTIVE	24.96	27.46	04/01/2001	830	200	222	280	810	2500	94.00
HB-4	95-04-10-C	LGSYS	ACTIVE	25.96	25.96	03/25/1967	804	150	250	252	804	450	112.50
Owner Name: ITO-OZAWA FARMS													
ITO-LA	87-02-3-G	AGR/IRR	ACTIVE	22.00	22.29	05/28/1975	860			70	710		35.90
ITO-LAG3	87-02-03-K	AGR/IRR	ACTIVE	17.00	18.54	09/15/1988	800		50	170	780		
Owner Name: LOMITA GUN CLUB													
W-2794		UNKNOWN	UNKNOWN	5.00		08/04/1925	830			186	830		
Owner Name: LOS ANGELES GAS & ELECTRIC CO.													
W-11672		DOMESTIC	DESTROY	8.00									
Owner Name: MARSHBURN FARMS													
W-2403		AGR/IRR	UNKNOWN	17.50		02/12/1960	535			221	535		
Owner Name: MILLER, WILLIS L.													
WMIL-WM	95-04-1-B	DOMESTIC	ACTIVE	25.00	25.67	06/25/1971	300		50	260	300		
WMIL-WM2	95-04-4-C	DOMESTIC	ACTIVE	20.00		01/07/1993	650		75	150	640		
Owner Name: NAVAL RECREATION STATION													
NVLR-LAH1	87-02-3-D	AGR/IRR	ACTIVE	23.00									
Owner Name: NAVAL WEAPONS STATION													
NVLW-EW7001		REMEDIA	INACTIVE	8.26	7.69	07/31/1998	31		18	20	30		
NVLW-EW7003		REMEDIA	INACTIVE	7.29	10.43	02/26/2002	126		89	95	120		2.70
NVLW-SB2	95-02-2-F	AGR/IRR	INACTIVE	20.00	20.00	02/16/2010	407		50	207	407		8.33
NVLW-SB6	95-02-2-A	LGSYS	INACTIVE	10.00	10.63	05/01/1950	802			548	655		31.25
Owner Name: ORANGE COUNTY PRODUCE LLC													
NVLW-SB	95-02-1-J	AGR/IRR	ACTIVE	14.90		03/25/1999	420			200	420		
RUIZ-5A1	95-02-1-A	AGR/IRR	ACTIVE	25.00									
RUIZ-5A3	95-02-1-H	AGR/IRR	ACTIVE	20.00	21.29	08/04/1987	410		40	210	390		
RUIZ-6A3	95-02-1-I	AGR/IRR	ACTIVE	17.00									
RUIZ-6F1	95-02-1-G	AGR/IRR	ACTIVE	8.00		04/27/1984	410		50	210	390		69.70

NOTE: Depths are in feet below ground surface. Elevations in feet relatrive to mean sea level.
GS = Ground Surface RP = Reference Point Elev = Elevation
WPF = Water Producing Facility gpm = gallons per minute

ORANGE COUNTY WATER DISTRICT
PRODUCTION WELL INFORMATION

Well Name	WPF	Well Use	Well	Elev GS	Elev RP	Date	Cased Depth	Bowl Depth	Sanitary Seal Depth	Perforations Top	Perforations Bottom	Operational Discharge (gpm)	Specific Capacity (gpm/ft)
Owner Name: PURSCHE, ROY													
KAYO-SB	95-03-1-A	AGR/IRR	DESTROY	15.00		11/10/1926	299			203	299		
NVLW-SB3	95-03-4-A	AGR/IRR	ACTIVE	7.00	8.00	01/01/1950	680						
PURS-SB	95-03-2-A	AGR/IRR	ACTIVE	17.00	17.00		252						
SEA-SB	95-02-2-E	AGR/IRR	DESTROY	14.00		08/20/1971	415		30	220	380		10.64
Owner Name: SEAL BEACH													
SB-7	95-02-2-B	LGSYS	DESTROY	9.00	10.00	07/01/1950	674	160		580	654		31.60
SB-BC	95-02-1-F	LGSYS	ACTIVE	21.00	22.00	01/14/1977	1040	200	296	370	1020	2000	142.00
SB-BEV	95-01-1-D	LGSYS	ACTIVE	11.20	11.86	11/27/1968	800	160	320	400	800	2400	115.90
SB-LAM	87-02-03-M	LGSYS	INACTIVE	20.00	20.00	04/24/2009	1190		230	360	1170		571.00
SB-LEI	95-01-1-C	LGSYS	ACTIVE	9.80	11.43	04/07/1962	840	160	420	420	840	2400	91.20
Owner Name: SEAL BEACH RANCH													
RUIZ-6A1	95-02-1-B	AGR/IRR	ABANDON	17.00			1030			818	975		
Owner Name: SEAVIEW AG, LLC													
RUIZ-5J1	95-02-1-E	AGR/IRR	ACTIVE	20.00		10/05/1971	550		30	490	550		
Owner Name: SHELL OIL COMPANY													
SHELL-AS1		OIL	UNKNOWN	23.00									
Owner Name: SOUTH BASIN OIL COMPANY													
SBOC-SBJA		OIL	UNKNOWN	14.00									
Owner Name: STANDARD OIL COMPANY													
CHEV-HE1		OIL	UNKNOWN	17.00									
Owner Name: THE BOEING COMPANY													
BOE-EW101	106-27-1-C	REMEDIA	ACTIVE	17.50		09/07/2006	77		55	57	77		
BOE-EW102	106-27-1-C	REMEDIA	ACTIVE	17.50		09/05/2006	82	77	60	62	82		
BOE-EW103	106-27-1-C	REMEDIA	ACTIVE	17.50		09/27/2006	83		61	63	83		
BOE-EW104	106-27-1-C	REMEDIA	ACTIVE	17.50		08/30/2006	83		55	57	82		
Owner Name: UNKNOWN													

NOTE: Depths are in feet below ground surface. Elevations in feet relatrive to mean sea level.
GS = Ground Surface RP = Reference Point Elev = Elevation
WPF = Water Producing Facility gpm = gallons per minute

ORANGE COUNTY WATER DISTRICT
PRODUCTION WELL INFORMATION

Well Name	WPF	Well Use	Well	Elev GS	Elev RP	Date	Cased Depth	Bowl Depth	Sanitary Seal Depth	Perforations Top	Perforations Bottom	Operational Discharge (gpm)	Specific Capacity (gpm/ft)
Owner Name: UNKNOWN													
W-4752		DOMESTIC	ABANDON	15.20	15.20								
W-9381		UNKNOWN	UNKNOWN	11.00									
Owner Name: WESTMINSTER													
W-14350	95-131-13-A	DOMESTIC	UNKNOWN	27.50	27.50		120						
W-16951	95-051-1-A	DOMESTIC	ABANDON	21.50			120						
WM-124	95-04-4-A	LGSYS	DESTROY	24.00	25.08	01/01/1950	528			111	510	380	
WM-125	95-04-5-B	LGSYS	ACTIVE	25.00	25.00	01/06/1999	880	225	50	374	860	1617	107.56
WM-RES2	95-14-51-A	LGSYS	ACTIVE	28.00	29.00	02/13/1968	937	240	279	340	937	2167	149.41

NOTE: Depths are in feet below ground surface. Elevations in feet relatrive to mean sea level.
GS = Ground Surface RP = Reference Point Elev = Elevation
WPF = Water Producing Facility gpm = gallons per minute

ORANGE COUNTY WATER DISTRICT
GROUNDWATER PRODUCTION TOTALS

Month and Year	Groundwater Production acre-fee/month	cubic feet/month
BIXBY-BRYANT RANCH		
BXBY-SB/1		
December 2009	65.0	2,832,852
January 2010	40.8	1,778,700
February 2010	40.8	1,778,700
March 2010	40.8	1,778,700
April 2010	40.8	1,778,700
May 2010	40.8	1,778,700
June 2010	40.8	1,778,700
BXBY-SB/1 Subtotal:	***310.0***	***13,505,052***
BIXBY-BRYANT RANCH Subtotal:	***310.0***	***13,505,052***
GARDEN GROVE		
GG-16/1		
December 2009	0.0	0
January 2010	0.0	0
February 2010	0.0	0
March 2010	0.0	0
April 2010	0.0	0
May 2010	0.0	0
June 2010	4.0	174,240
July 2010	0.0	0
August 2010	0.0	0
September 2010	0.0	0
October 2010	0.2	8,712
November 2010	0.0	0
GG-16/1 Subtotal:	***4.2***	***182,952***
GARDEN GROVE Subtotal:	***4.2***	***182,952***
GOLDEN STATE WATER CO - OC		
SCWC-LAMO/1		
December 2009	0.0	0
January 2010	0.0	0
February 2010	0.0	0
March 2010	0.0	0
April 2010	0.0	0
May 2010	0.0	0
June 2010	0.0	0
July 2010	0.0	0
August 2010	0.0	0
September 2010	0.0	0
October 2010	0.0	0
November 2010	0.0	0
SCWC-LAMO/1 Subtotal:	***0.0***	***0***
SCWC-LAYT/1		
December 2009	56.5	2,461,140
January 2010	67.9	2,959,684
February 2010	47.1	2,052,678
March 2010	60.5	2,635,467
April 2010	43.8	1,908,102
May 2010	0.1	4,661
June 2010	64.9	2,826,565

ORANGE COUNTY WATER DISTRICT
GROUNDWATER PRODUCTION TOTALS

Month and Year	Groundwater Production acre-fee/month	cubic feet/month
SCWC-LAYT/1		
July 2010	96.5	4,203,540
August 2010	98.0	4,268,749
September 2010	84.9	3,698,331
October 2010	40.4	1,758,648
November 2010	40.2	1,752,201
SCWC-LAYT/1 Subtotal:	***700.9***	***30,529,767***
GOLDEN STATE WATER CO - OC Subtotal:	***700.9***	***30,529,767***
HUNTINGTON BEACH		
HB-12/1		
December 2009	1.1	47,916
January 2010	7.0	304,920
February 2010	3.2	139,392
March 2010	1.9	82,764
April 2010	2.8	121,968
May 2010	3.8	165,528
June 2010	2.1	91,476
July 2010	1.6	69,696
August 2010	0.0	0
September 2010	0.0	0
October 2010	0.0	0
November 2010	44.8	1,951,488
HB-12/1 Subtotal:	***68.3***	***2,975,148***
HB-13/1		
December 2009	351.7	15,320,052
January 2010	352.6	15,359,256
February 2010	335.0	14,592,600
March 2010	381.8	16,631,208
April 2010	352.7	15,363,612
May 2010	353.0	15,376,680
June 2010	356.9	15,546,564
July 2010	358.5	15,616,260
August 2010	283.4	12,344,904
September 2010	336.5	14,657,940
October 2010	253.2	11,029,392
November 2010	57.8	2,517,768
HB-13/1 Subtotal:	***3,773.1***	***164,356,236***
HB-4/1		
December 2009	9.7	422,532
January 2010	33.4	1,454,904
February 2010	60.3	2,626,668
March 2010	41.8	1,820,808
April 2010	63.2	2,752,992
May 2010	66.8	2,909,808
June 2010	60.6	2,639,736
July 2010	54.4	2,369,664
August 2010	53.1	2,313,036
September 2010	0.0	0
October 2010	14.7	640,332
November 2010	31.8	1,385,208

Month and Year	Groundwater Production acre-fee/month	cubic feet/month
HB-4/1 Subtotal:	***489.8***	***21,335,688***
HUNTINGTON BEACH Subtotal:	***4,331.2***	***188,667,072***
ITO-OZAWA FARMS		
ITO-LA/1		
December 2009	9.4	407,286
January 2010	7.3	315,810
February 2010	7.3	315,810
March 2010	7.3	315,810
April 2010	7.3	315,810
May 2010	7.3	315,810
June 2010	7.3	315,810
ITO-LA/1 Subtotal:	***52.9***	***2,302,146***
ITO-LAG3/1		
December 2009	15.7	683,892
January 2010	15.5	675,906
February 2010	15.5	675,906
March 2010	15.5	675,906
April 2010	15.5	675,906
May 2010	15.5	675,906
June 2010	15.5	675,906
ITO-LAG3/1 Subtotal:	***108.8***	***4,739,328***
ITO-OZAWA FARMS Subtotal:	***161.7***	***7,041,474***
MILLER, WILLIS L.		
WMIL-WM2/1		
December 2009	0.1	5,808
January 2010	0.1	2,904
February 2010	0.1	2,904
March 2010	0.1	2,904
April 2010	0.1	2,904
May 2010	0.1	2,904
June 2010	0.1	2,904
WMIL-WM2/1 Subtotal:	***0.5***	***23,232***
MILLER, WILLIS L. Subtotal:	***0.5***	***23,232***
NAVAL RECREATION STATION		
NVLR-LAH1/1		
December 2009	30.0	1,307,526
January 2010	24.4	1,060,686
February 2010	24.4	1,060,686
March 2010	24.4	1,060,686
April 2010	24.4	1,060,686
May 2010	24.4	1,060,686
June 2010	24.4	1,060,686
NVLR-LAH1/1 Subtotal:	***176.1***	***7,671,642***
NAVAL RECREATION STATION Subtotal:	***176.1***	***7,671,642***
ORANGE COUNTY PRODUCE LLC		
NVLW-SB/1		

Month and Year	Groundwater Production acre-fee/month	cubic feet/month
NVLW-SB/1		
December 2009	5.0	215,622
January 2010	1.1	46,464
February 2010	1.1	46,464
March 2010	1.1	46,464
April 2010	1.1	46,464
May 2010	1.1	46,464
June 2010	1.1	46,464
NVLW-SB/1 Subtotal:	***11.4***	***494,406***
RUIZ-5A1/1		
December 2009	15.3	666,468
January 2010	9.8	424,710
February 2010	9.8	424,710
March 2010	9.8	424,710
April 2010	9.8	424,710
May 2010	9.8	424,710
June 2010	9.8	424,710
RUIZ-5A1/1 Subtotal:	***73.8***	***3,214,728***
RUIZ-5A3/1		
December 2009	21.0	915,486
January 2010	3.3	143,022
February 2010	3.3	143,022
March 2010	3.3	143,022
April 2010	3.3	143,022
May 2010	3.3	143,022
June 2010	3.3	143,022
RUIZ-5A3/1 Subtotal:	***40.7***	***1,773,618***
RUIZ-6F1/1		
December 2009	23.0	1,000,428
January 2010	12.4	537,966
February 2010	12.4	537,966
March 2010	12.4	537,966
April 2010	12.4	537,966
May 2010	12.4	537,966
June 2010	12.4	537,966
RUIZ-6F1/1 Subtotal:	***97.1***	***4,228,224***
ORANGE COUNTY PRODUCE LLC Subtotal:	***222.9***	***9,710,976***
PURSCHE, ROY		
NVLW-SB3/1		
December 2009	0.0	0
January 2010	0.0	0
February 2010	0.0	0
March 2010	0.0	0
April 2010	0.0	0
May 2010	0.0	0
June 2010	0.0	0
NVLW-SB3/1 Subtotal:	***0.0***	***0***
PURS-SB/1		

ORANGE COUNTY WATER DISTRICT
GROUNDWATER PRODUCTION TOTALS

Month and Year	Groundwater Production acre-fee/month	cubic feet/month
PURS-SB/1		
December 2009	4.5	193,842
January 2010	0.9	39,930
February 2010	0.9	39,930
March 2010	0.9	39,930
April 2010	0.9	39,930
May 2010	0.9	39,930
June 2010	0.9	39,930
PURS-SB/1 Subtotal:	***10.0***	***433,422***
PURSCHE, ROY Subtotal:	***10.0***	***433,422***
SEAL BEACH		
SB-BC/1		
December 2009	180.1	7,846,463
January 2010	222.1	9,673,805
February 2010	176.5	7,687,469
March 2010	235.1	10,240,520
April 2010	200.2	8,719,405
May 2010	162.8	7,090,697
June 2010	0.0	0
July 2010	0.0	0
August 2010	0.0	0
September 2010	0.0	0
October 2010	116.5	5,072,998
November 2010	156.6	6,821,060
SB-BC/1 Subtotal:	***1,449.8***	***63,152,417***
SB-BEV/1		
December 2009	28.4	1,237,975
January 2010	0.8	36,155
February 2010	0.8	36,155
March 2010	8.6	372,874
April 2010	49.4	2,151,864
May 2010	67.0	2,918,520
June 2010	18.2	790,614
July 2010	19.9	868,586
August 2010	19.9	868,586
September 2010	16.1	702,623
October 2010	35.3	1,538,539
November 2010	42.8	1,863,932
SB-BEV/1 Subtotal:	***307.3***	***13,386,424***
SB-LEI/1		
December 2009	21.9	951,786
January 2010	1.4	62,726
February 2010	2.6	114,127
March 2010	8.0	350,222
April 2010	37.4	1,629,144
May 2010	47.4	2,065,180
June 2010	40.7	1,773,328
July 2010	45.8	1,996,790
August 2010	46.2	2,012,908
September 2010	33.7	1,466,230
October 2010	26.8	1,169,150

ORANGE COUNTY WATER DISTRICT
GROUNDWATER PRODUCTION TOTALS

Month and Year		Groundwater Production acre-fee/month	cubic feet/month
SB-LEI/1			
November 2010		47.6	2,072,585
	SB-LEI/1 Subtotal:	***359.6***	***15,664,176***
	SEAL BEACH Subtotal:	***2,116.7***	***92,203,016***
THE BOEING COMPANY			
BOE-EW101/1			
December 2009		0.9	39,930
January 2010		1.8	79,134
February 2010		1.8	79,134
March 2010		1.8	79,134
April 2010		1.8	79,134
May 2010		1.8	79,134
June 2010		1.8	79,134
	BOE-EW101/1 Subtotal:	***11.8***	***514,734***
	THE BOEING COMPANY Subtotal:	***11.8***	***514,734***
WESTMINSTER			
WM-125/1			
December 2009		88.1	3,837,636
January 2010		49.4	2,151,864
February 2010		89.5	3,898,620
March 2010		50.7	2,208,492
April 2010		62.9	2,739,924
May 2010		77.1	3,358,476
June 2010		53.5	2,330,460
July 2010		49.4	2,151,864
August 2010		51.6	2,247,696
September 2010		80.7	3,515,292
October 2010		5.5	239,580
November 2010		62.5	2,722,500
	WM-125/1 Subtotal:	***720.9***	***31,402,404***
WM-RES2/1			
December 2009		52.7	2,295,612
January 2010		126.1	5,492,916
February 2010		149.1	6,494,796
March 2010		28.9	1,258,884
April 2010		95.1	4,142,556
May 2010		109.4	4,765,464
June 2010		107.9	4,700,124
July 2010		121.4	5,288,184
August 2010		77.4	3,371,544
September 2010		79.9	3,480,444
October 2010		68.5	2,983,860
November 2010		43.0	1,873,080
	WM-RES2/1 Subtotal:	***1,059.4***	***46,147,464***
	WESTMINSTER Subtotal:	***1,780.3***	***77,549,868***
	GRAND TOTALS:	***9,826.3***	***428,033,207***

ORANGE COUNTY WATER DISTRICT
WATER LEVEL REPORT

Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: GG-16/1	***Perfs: 304-864***	***Elev. GS: 26.5***	***Aquifer: UNDEFINED***					
12/29/2009	09:45:00	MONTHLY	30.08	61.00	-30.92	STATIC	AIR	pump off all month
01/28/2010	09:50:00	MONTHLY	30.08	58.00	-27.92	STATIC	AIR	pump off 15 days
02/25/2010	09:37:00	MONTHLY	30.08	56.00	-25.92	STATIC	AIR	pump off all month
03/30/2010	09:52:00	MONTHLY	30.08	58.00	-27.92	STATIC	AIR	pump off all month
04/28/2010	09:05:00	MONTHLY	30.08	58.00	-27.92	STATIC	AIR	pump off all month
05/27/2010	10:45:00	MONTHLY	30.08	60.00	-29.92	STATIC	AIR	pump off all month
06/28/2010	09:20:00	MONTHLY	30.08	62.50	-32.42	STATIC	AIR	pump off all month
07/29/2010	13:00:00	MONTHLY	30.08	63.00	-32.92	STATIC	AIR	pump off all month
08/30/2010	09:45:00	MONTHLY	30.08	61.00	-30.92	STATIC	ELEC	pump off all month
09/29/2010	11:20:00	MONTHLY	30.08	62.00	-31.92	STATIC	AIR	pump off 9/22
10/26/2010	09:50:00	MONTHLY	30.08	55.00	-24.92	STATIC	AIR	pump off 24 hours
11/30/2010	10:15:00	MONTHLY	30.08	48.00	-17.92	STATIC	AIR	pump off all month
Station Name: HB-12/1	***Perfs: 265-740***	***Elev. GS: 20.8***	***Aquifer: B, L, O, UR, LR***					
12/18/2009		MONTHLY	22.30	149.00	-126.70	PUMPING	ELEC	
12/18/2009		MONTHLY	22.30	53.00	-30.70	STATIC	ELEC	
01/22/2010		MONTHLY	22.30	146.00	-123.70	PUMPING	ELEC	
01/22/2010		MONTHLY	22.30	48.00	-25.70	STATIC	ELEC	
02/17/2010		MONTHLY	22.30	44.00	-21.70	STATIC	ELEC	
02/17/2010		MONTHLY	22.30	125.00	-102.70	PUMPING	ELEC	
03/24/2010		MONTHLY	22.30	43.00	-20.70	STATIC	ELEC	
04/23/2010		MONTHLY	22.30	43.00	-20.70	STATIC	ELEC	
04/23/2010		MONTHLY	22.30	143.00	-120.70	PUMPING	ELEC	
05/21/2010		MONTHLY	22.30	46.00	-23.70	STATIC	ELEC	
05/21/2010		MONTHLY	22.30	144.00	-121.70	PUMPING	ELEC	
06/25/2010		MONTHLY	22.30	146.00	-123.70	PUMPING	ELEC	
07/06/2010		MONTHLY	22.30	46.00	-23.70	STATIC	ELEC	pump off 96 hours
07/19/2010		MONTHLY	22.30	47.00	-24.70	STATIC	ELEC	
07/19/2010		MONTHLY	22.30	125.00	-102.70	PUMPING	ELEC	
08/26/2010		MONTHLY	22.30	44.00	-21.70	STATIC	ELEC	
09/22/2010		MONTHLY	22.30	48.00	-25.70	STATIC	ELEC	
10/25/2010		MONTHLY	22.30	42.00	-19.70	STATIC	ELEC	pump off 3 months
Station Name: HB-13/1	***Perfs: 280-810***	***Elev. GS: 24.96***	***Aquifer: UNDEFINED***					
12/17/2009		MONTHLY	27.46	125.00	-97.54	PUMPING	ELEC	
12/17/2009		MONTHLY	27.46	79.00	-51.54	STATIC	ELEC	
01/22/2010		MONTHLY	27.46	119.00	-91.54	PUMPING	ELEC	
01/22/2010		MONTHLY	27.46	78.00	-50.54	STATIC	ELEC	
02/17/2010		MONTHLY	27.46	72.00	-44.54	STATIC	ELEC	
02/17/2010		MONTHLY	27.46	119.00	-91.54	PUMPING	ELEC	
03/31/2010		MONTHLY	27.46	119.00	-91.54	PUMPING	ELEC	
03/31/2010		MONTHLY	27.46	77.00	-49.54	STATIC	ELEC	
04/27/2010		MONTHLY	27.46	118.00	-90.54	PUMPING	ELEC	
04/27/2010		MONTHLY	27.46	73.00	-45.54	STATIC	ELEC	
05/18/2010		MONTHLY	27.46	76.00	-48.54	STATIC	ELEC	
05/18/2010		MONTHLY	27.46	118.00	-90.54	PUMPING	ELEC	
06/18/2010		MONTHLY	27.46	119.00	-91.54	PUMPING	ELEC	
07/07/2010		MONTHLY	27.46	73.00	-45.54	STATIC	ELEC	pump off 24 hours
07/30/2010		MONTHLY	27.46	79.00	-51.54	STATIC	ELEC	
07/30/2010		MONTHLY	27.46	118.00	-90.54	PUMPING	ELEC	
09/02/2010		MONTHLY	27.46	82.00	-54.54	STATIC	ELEC	
09/02/2010		MONTHLY	27.46	125.00	-97.54	PUMPING	ELEC	
09/22/2010		MONTHLY	27.46	122.00	-94.54	PUMPING	ELEC	
09/22/2010		MONTHLY	27.46	78.00	-50.54	STATIC	ELEC	
10/25/2010		MONTHLY	27.46	57.00	-29.54	STATIC	ELEC	pump off 68 hours
11/18/2010		MONTHLY	27.46	60.00	-32.54	STATIC	ELEC	
11/18/2010		MONTHLY	27.46	112.00	-84.54	PUMPING	ELEC	

Abbreviations:

Elev GS -- Elevation of Ground Surface ***WL Status -- Water Level Status***
Elev RP -- Elevation of Reference Point ***Perfs -- Perforated Interval***
Elev WS -- Elevation of Water Surface

ORANGE COUNTY WATER DISTRICT
WATER LEVEL REPORT

Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: HB-4/1 Perfs: 252-804 Elev. GS: 25.96 Aquifer: B, L, O, UR, LR, MAIN								
12/17/2009		MONTHLY	25.96	53.00	-27.04	STATIC	ELEC	
01/22/2010		MONTHLY	25.96	113.00	-87.04	PUMPING	ELEC	
01/22/2010		MONTHLY	25.96	84.00	-58.04	STATIC	ELEC	
02/17/2010		MONTHLY	25.96	77.00	-51.04	STATIC	ELEC	
02/17/2010		MONTHLY	25.96	111.00	-85.04	PUMPING	ELEC	
03/29/2010		MONTHLY	25.96	40.00	-14.04	STATIC	ELEC	
03/29/2010		MONTHLY	25.96	93.00	-67.04	PUMPING	ELEC	
04/22/2010		MONTHLY	25.96	111.00	-85.04	PUMPING	ELEC	
04/22/2010		MONTHLY	25.96	83.00	-57.04	STATIC	ELEC	
05/24/2010		MONTHLY	25.96	110.00	-84.04	PUMPING	ELEC	
05/24/2010		MONTHLY	25.96	85.00	-59.04	STATIC	ELEC	
06/24/2010		MONTHLY	25.96	107.00	-81.04	PUMPING	ELEC	
07/07/2010		MONTHLY	25.96	81.00	-55.04	STATIC	ELEC	pump off 24 hours
07/28/2010		MONTHLY	25.96	88.00	-62.04	STATIC	ELEC	
07/28/2010		MONTHLY	25.96	107.00	-81.04	PUMPING	ELEC	
08/24/2010		MONTHLY	25.96	110.00	-84.04	PUMPING	ELEC	
08/24/2010		MONTHLY	25.96	88.00	-62.04	STATIC	ELEC	
09/21/2010		MONTHLY	25.96	86.00	-60.04	STATIC	ELEC	
09/21/2010		MONTHLY	25.96	107.00	-81.04	PUMPING	ELEC	
10/20/2010		MONTHLY	25.96	104.00	-78.04	PUMPING	ELEC	
10/20/2010		MONTHLY	25.96	69.00	-43.04	STATIC	ELEC	pump off 312 hours
11/17/2010		MONTHLY	25.96	72.00	-46.04	STATIC	ELEC	
11/17/2010		MONTHLY	25.96	94.00	-68.04	PUMPING	ELEC	
Station Name: ITO-LA/1 Perfs: 70-710 Elev. GS: 22 Aquifer: UNDEFINED								
06/30/2010	06:50:00	MONTHLY	22.29	1030.00	-1007.71	STATIC	ELEC	
10/29/2010	07:20:00	MONTHLY	22.29	12.76	9.53	STATIC	ELEC	
Station Name: ITO-LAG3/1 Perfs: 170-780 Elev. GS: 17 Aquifer: UNDEFINED								
06/30/2010	06:40:00	MONTHLY	18.54	48.81	-30.27	STATIC	ELEC	Oil
10/29/2010	07:10:00	MONTHLY	18.54	43.04	-24.50	STATIC	TAPE	Oil
Station Name: NVLW-SB3/1 Perfs: - Elev. GS: 7 Aquifer: UNDEFINED								
07/01/2010	09:55:00	MONTHLY	8.00	64.78	-56.78	STATIC	TAPE	
10/28/2010	09:10:00	MONTHLY	8.00	59.08	-51.08	STATIC	TAPE	
Station Name: NVLW-SB6/1 Perfs: 548-655 Elev. GS: 10 Aquifer: UNDEFINED								
07/01/2010	09:40:00	MONTHLY	10.63	66.36	-55.73	STATIC	ELEC	
10/28/2010	08:55:00	MONTHLY	10.63	63.66	-53.03	STATIC	ELEC	
Station Name: OCWD-34U8/1 Perfs: 149-174 Elev. GS: 5.4 Aquifer: C ZONE								
12/08/2009		MONTHLY	5.40	20.20	-14.80	STATIC	ELEC	
01/04/2010		BY SECOND	5.40	13.00	-7.60	STATIC	ELEC	
02/03/2010		MONTHLY	5.40	12.60	-7.20	STATIC	ELEC	
03/03/2010		MONTHLY	5.40	11.90	-6.50	STATIC	ELEC	
04/07/2010		MONTHLY	5.40	12.70	-7.30	STATIC	ELEC	
05/10/2010		MONTHLY	5.40	13.10	-7.70	STATIC	ELEC	
06/08/2010		MONTHLY	5.40	13.30	-7.90	STATIC	ELEC	
07/08/2010		MONTHLY	5.40	14.30	-8.90	STATIC	ELEC	
08/03/2010		BY SECOND	5.40	14.70	-9.30	STATIC	ELEC	
Station Name: OCWD-34U8/2 Perfs: 224-234 Elev. GS: 5.4 Aquifer: B ZONE								
12/08/2009		MONTHLY	5.40	21.80	-16.40	STATIC	ELEC	
01/04/2010		BY SECOND	5.40	15.80	-10.40	STATIC	ELEC	

Abbreviations:

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-34U8/2 Perfs: 224-234 Elev. GS: 5.4 Aquifer: B ZONE								
02/03/2010		MONTHLY	5.40	13.50	-8.10	STATIC	ELEC	
03/03/2010		MONTHLY	5.40	13.00	-7.60	STATIC	ELEC	
04/07/2010		MONTHLY	5.40	14.10	-8.70	STATIC	ELEC	
05/10/2010		MONTHLY	5.40	14.00	-8.60	STATIC	ELEC	
06/08/2010		MONTHLY	5.40	14.80	-9.40	STATIC	ELEC	
07/08/2010		MONTHLY	5.40	16.00	-10.60	STATIC	ELEC	
08/03/2010		DAY	5.40	16.30	-10.90	STATIC	ELEC	
Station Name: OCWD-34U8/3 Perfs: 279-319 Elev. GS: 5.4 Aquifer: A ZONE								
12/08/2009		MONTHLY	5.40	22.30	-16.90	STATIC	ELEC	
01/04/2010		BY SECOND	5.40	8.80	-3.40	STATIC	ELEC	
02/03/2010		MONTHLY	5.40	8.90	-3.50	STATIC	ELEC	
03/03/2010		MONTHLY	5.40	6.90	-1.50	STATIC	ELEC	
04/07/2010		MONTHLY	5.40	8.70	-3.30	STATIC	ELEC	
05/10/2010		MONTHLY	5.40	12.30	-6.90	STATIC	ELEC	
06/08/2010		MONTHLY	5.40	10.90	-5.50	STATIC	ELEC	
07/08/2010		MONTHLY	5.40	12.00	-6.60	STATIC	ELEC	
08/03/2010		BY SECOND	5.40	12.40	-7.00	STATIC	ELEC	
Station Name: OCWD-34U8/4 Perfs: 359-384 Elev. GS: 5.4 Aquifer: I ZONE								
12/08/2009		MONTHLY	5.40	36.80	-31.40	STATIC	ELEC	
01/04/2010		BY SECOND	5.40	22.30	-16.90	STATIC	ELEC	
02/03/2010		MONTHLY	5.40	20.30	-14.90	STATIC	ELEC	
03/03/2010		MONTHLY	5.40	20.40	-15.00	STATIC	ELEC	
04/07/2010		MONTHLY	5.40	18.30	-12.90	STATIC	ELEC	
05/10/2010		MONTHLY	5.40	21.50	-16.10	STATIC	ELEC	
06/08/2010		MONTHLY	5.40	17.70	-12.30	STATIC	ELEC	
07/08/2010		MONTHLY	5.40	19.20	-13.80	STATIC	ELEC	
08/03/2010		DAY	5.40	19.70	-14.30	STATIC	ELEC	
Station Name: OCWD-34VZX/1 Perfs: 147-177 Elev. GS: 6.2 Aquifer: UNDEFINED								
12/16/2009		MONTHLY	6.20	9.20	-3.00	STATIC	ELEC	
12/30/2009		DAY	6.20	8.40	-2.20	STATIC	ELEC	
01/13/2010		MONTHLY	6.20	8.00	-1.80	STATIC	ELEC	
01/28/2010		DAY	6.20	7.40	-1.20	STATIC	ELEC	
02/11/2010		MONTHLY	6.20	6.90	-0.70	STATIC	ELEC	
02/25/2010		DAY	6.20	9.90	-3.70	STATIC	ELEC	
03/15/2010		MONTHLY	6.20	9.60	-3.40	STATIC	ELEC	
03/30/2010		BY SECOND	6.20	10.50	-4.30	STATIC	ELEC	
04/15/2010		MONTHLY	6.20	5.60	0.60	STATIC	ELEC	
04/29/2010		DAY	6.20	6.00	0.20	STATIC	ELEC	
05/13/2010		MONTHLY	6.20	26.40	-20.20	STATIC	ELEC	
05/27/2010		BY SECOND	6.20	11.20	-5.00	STATIC	ELEC	
06/14/2010		MONTHLY	6.20	7.70	-1.50	STATIC	ELEC	
07/15/2010		MONTHLY	6.20	9.70	-3.50	STATIC	ELEC	
07/27/2010		BY SECOND	6.20	8.80	-2.60	STATIC	ELEC	
Station Name: OCWD-34VZY/1 Perfs: 215-235 Elev. GS: 6.2 Aquifer: UNDEFINED								
12/16/2009		MONTHLY	6.20	16.40	-10.20	STATIC	ELEC	
12/30/2009		BY SECOND	6.20	16.00	-9.80	STATIC	ELEC	
01/13/2010		MONTHLY	6.20	15.00	-8.80	STATIC	ELEC	
01/28/2010		BY SECOND	6.20	13.30	-7.10	STATIC	ELEC	
02/11/2010		MONTHLY	6.20	13.40	-7.20	STATIC	ELEC	
02/25/2010		BY SECOND	6.20	19.90	-13.70	STATIC	ELEC	
03/15/2010		MONTHLY	6.20	17.80	-11.60	STATIC	ELEC	
03/30/2010		DAY	6.20	19.70	-13.50	STATIC	ELEC	

All depths and elevations in feet.

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-34VZY/1 Perfs: 215-235 Elev. GS: 6.2 Aquifer: UNDEFINED								
04/15/2010		MONTHLY	6.20	5.17	1.03	STATIC	ELEC	
04/29/2010		BY SECOND	6.20	6.50	-0.30	STATIC	ELEC	
05/13/2010		MONTHLY	6.20	13.60	-7.40	STATIC	ELEC	
05/27/2010		BY SECOND	6.20	15.70	-9.50	STATIC	ELEC	
06/14/2010		MONTHLY	6.20	8.70	-2.50	STATIC	ELEC	
07/15/2010		MONTHLY	6.20	8.80	-2.60	STATIC	ELEC	
07/27/2010		BY SECOND	6.20	8.60	-2.40	STATIC	ELEC	
Station Name: OCWD-34X40/1 Perfs: 88-113 Elev. GS: 6.97 Aquifer: C-ZONE								
01/13/2010	09:15:00	MONTHLY	6.63	13.95	-7.32	STATIC	ELEC	
05/05/2010	14:28:00	MONTHLY	6.63	11.29	-4.66	STATIC	ELEC	
05/17/2010	09:10:00	MONTHLY	6.63	13.35	-6.72	STATIC	ELEC	
06/04/2010	10:00:00	BY SECOND	6.63	12.32	-5.69	STATIC	ELEC	
07/13/2010	08:45:00	MONTHLY	6.63	12.46	-5.83	STATIC	ELEC	
08/25/2010	08:10:00	MONTHLY	6.63	13.54	-6.91	STATIC	ELEC	
09/30/2010	08:08:00	MONTHLY	6.63	13.98	-7.35	STATIC	ELEC	
11/05/2010	11:00:00	MONTHLY	6.63	11.68	-5.05	STATIC	ELEC	
Station Name: OCWD-34X40/2 Perfs: 139-154 Elev. GS: 6.97 Aquifer: B-ZONE								
01/13/2010	10:35:00	MONTHLY	6.50	18.10	-11.60	STATIC	ELEC	
05/05/2010	14:30:00	MONTHLY	6.50	16.08	-9.58	STATIC	ELEC	
05/17/2010	09:10:00	MONTHLY	6.50	19.55	-13.05	STATIC	ELEC	
06/04/2010	10:02:00	BY SECOND	6.50	17.10	-10.60	STATIC	ELEC	
07/13/2010	08:42:00	MONTHLY	6.50	17.40	-10.90	STATIC	ELEC	
08/25/2010	08:12:00	MONTHLY	6.50	18.80	-12.30	STATIC	ELEC	
09/30/2010	08:10:00	MONTHLY	6.50	19.27	-12.77	STATIC	ELEC	
11/05/2010	11:02:00	MONTHLY	6.50	15.41	-8.91	STATIC	ELEC	
Station Name: OCWD-34X40/3 Perfs: 204-244 Elev. GS: 6.97 Aquifer: A-ZONE								
01/13/2010	10:00:00	MONTHLY	6.39	26.60	-20.21	STATIC	ELEC	
05/05/2010	14:32:00	MONTHLY	6.39	25.82	-19.43	STATIC	ELEC	
05/17/2010	09:10:00	MONTHLY	6.39	29.43	-23.04	STATIC	ELEC	
06/04/2010	10:04:00	BY SECOND	6.39	28.03	-21.64	STATIC	ELEC	
07/13/2010	08:45:00	MONTHLY	6.39	28.72	-22.33	STATIC	ELEC	
08/25/2010	08:14:00	MONTHLY	6.39	29.98	-23.59	STATIC	ELEC	
09/30/2010	08:12:00	MONTHLY	6.39	29.83	-23.44	STATIC	ELEC	
11/05/2010	11:04:00	MONTHLY	6.39	26.52	-20.13	STATIC	ELEC	
Station Name: OCWD-34X40/4 Perfs: 333-358 Elev. GS: 6.97 Aquifer: I-ZONE								
01/13/2010	09:10:00	MONTHLY	6.23	27.50	-21.27	STATIC	ELEC	
05/05/2010	14:34:00	MONTHLY	6.23	26.73	-20.50	STATIC	ELEC	
05/17/2010	09:10:00	MONTHLY	6.23	29.85	-23.62	STATIC	ELEC	
06/04/2010	10:06:00	BY SECOND	6.23	28.37	-22.14	STATIC	ELEC	
07/13/2010	08:47:00	MONTHLY	6.23	28.61	-22.38	STATIC	ELEC	
08/25/2010	08:16:00	MONTHLY	6.23	30.13	-23.90	STATIC	ELEC	
09/30/2010	08:14:00	MONTHLY	6.23	30.87	-24.64	STATIC	ELEC	
11/05/2010	11:05:00	MONTHLY	6.23	26.78	-20.55	STATIC	ELEC	
Station Name: OCWD-35E01X/1 Perfs: 65-85 Elev. GS: 6.5 Aquifer: UNDEFINED								
12/16/2009		MONTHLY	6.50	12.20	-5.70	STATIC	ELEC	
12/30/2009		DAY	6.50	12.40	-5.90	STATIC	ELEC	
01/13/2010		MONTHLY	6.50	12.50	-6.00	STATIC	ELEC	
01/28/2010		BY SECOND	6.50	11.20	-4.70	STATIC	ELEC	
02/11/2010		MONTHLY	6.50	10.90	-4.40	STATIC	ELEC	
02/25/2010		BY SECOND	6.50	11.38	-4.88	STATIC	ELEC	

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-35E01X/1 Perfs: 65-85 Elev. GS: 6.5 Aquifer: UNDEFINED								
03/15/2010		MONTHLY	6.50	11.00	-4.50	STATIC	ELEC	
03/30/2010		BY SECOND	6.50	11.64	-5.14	STATIC	ELEC	
04/15/2010		MONTHLY	6.50	8.90	-2.40	STATIC	ELEC	
04/29/2010		BY SECOND	6.50	9.20	-2.70	STATIC	ELEC	
05/13/2010		MONTHLY	6.50	14.20	-7.70	STATIC	ELEC	
05/27/2010		BY SECOND	6.50	11.50	-5.00	STATIC	ELEC	
06/14/2010		MONTHLY	6.50	9.10	-2.60	STATIC	ELEC	
07/15/2010		MONTHLY	6.50	10.20	-3.70	STATIC	ELEC	
07/27/2010		BY SECOND	6.50	10.20	-3.70	STATIC	ELEC	
Station Name: OCWD-35E01Y/1 Perfs: 105-125 Elev. GS: 6.5 Aquifer: UNDEFINED								
12/16/2009		MONTHLY	6.50	12.40	-5.90	STATIC	ELEC	
12/30/2009		BY SECOND	6.50	12.50	-6.00	STATIC	ELEC	
01/13/2010		MONTHLY	6.50	12.60	-6.10	STATIC	ELEC	
01/28/2010		BY SECOND	6.50	11.10	-4.60	STATIC	ELEC	
02/11/2010		MONTHLY	6.50	11.00	-4.50	STATIC	ELEC	
02/25/2010		BY SECOND	6.50	11.27	-4.77	STATIC	ELEC	
03/15/2010		MONTHLY	6.50	10.80	-4.30	STATIC	ELEC	
03/30/2010		BY SECOND	6.50	11.64	-5.14	STATIC	ELEC	
04/15/2010		MONTHLY	6.50	8.90	-2.40	STATIC	ELEC	
04/29/2010		BY SECOND	6.50	9.00	-2.50	STATIC	ELEC	
05/13/2010		MONTHLY	6.50	14.00	-7.50	STATIC	ELEC	
05/27/2010		BY SECOND	6.50	11.50	-5.00	STATIC	ELEC	
06/14/2010		MONTHLY	6.50	91.00	-84.50	STATIC	ELEC	
07/15/2010		MONTHLY	6.50	10.20	-3.70	STATIC	ELEC	
07/27/2010		BY SECOND	6.50	10.10	-3.60	STATIC	ELEC	
Station Name: OCWD-35F20/1 Perfs: 70-95 Elev. GS: 6.5 Aquifer: C								
12/08/2009		MONTHLY	6.50	16.50	-10.00	STATIC	ELEC	
01/05/2010		BY SECOND	6.50	14.00	-7.50	STATIC	ELEC	
02/03/2010		MONTHLY	6.50	11.80	-5.30	STATIC	ELEC	
03/03/2010		MONTHLY	6.50	10.90	-4.40	STATIC	ELEC	
04/07/2010		MONTHLY	6.50	11.30	-4.80	STATIC	ELEC	
05/10/2010		MONTHLY	6.50	11.50	-5.00	STATIC	ELEC	
06/08/2010		MONTHLY	6.50	11.90	-5.40	STATIC	ELEC	
07/08/2010		MONTHLY	6.50	12.30	-5.80	STATIC	ELEC	
08/03/2010		BY SECOND	6.50	12.80	-6.30	STATIC	ELEC	
Station Name: OCWD-35F20/2 Perfs: 115-125 Elev. GS: 6.5 Aquifer: B								
12/08/2009		MONTHLY	6.50	21.70	-15.20	STATIC	ELEC	
01/05/2010		BY SECOND	6.50	17.90	-11.40	STATIC	ELEC	
02/03/2010		MONTHLY	6.50	15.60	-9.10	STATIC	ELEC	
03/03/2010		MONTHLY	6.50	14.80	-8.30	STATIC	ELEC	
04/07/2010		MONTHLY	6.50	15.60	-9.10	STATIC	ELEC	
05/10/2010		MONTHLY	6.50	15.70	-9.20	STATIC	ELEC	
06/08/2010		MONTHLY	6.50	15.80	-9.30	STATIC	ELEC	
07/08/2010		MONTHLY	6.50	16.60	-10.10	STATIC	ELEC	
08/03/2010		BY SECOND	6.50	17.20	-10.70	STATIC	ELEC	
Station Name: OCWD-35F20/3 Perfs: 145-180 Elev. GS: 6.5 Aquifer: A								
12/08/2009		MONTHLY	6.50	21.90	-15.40	STATIC	ELEC	
01/05/2010		BY SECOND	6.50	18.30	-11.80	STATIC	ELEC	
02/03/2010		MONTHLY	6.50	16.20	-9.70	STATIC	ELEC	
03/03/2010		MONTHLY	6.50	15.10	-8.60	STATIC	ELEC	
04/07/2010		MONTHLY	6.50	16.00	-9.50	STATIC	ELEC	
05/10/2010		MONTHLY	6.50	16.00	-9.50	STATIC	ELEC	

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-35F20/3 Perfs: 145-180 Elev. GS: 6.5 Aquifer: A								
06/08/2010		MONTHLY	6.50	16.00	-9.50	STATIC	ELEC	
07/08/2010		MONTHLY	6.50	16.90	-10.40	STATIC	ELEC	
08/03/2010		BY SECOND	6.50	17.40	-10.90	STATIC	ELEC	
Station Name: OCWD-35F20/4 Perfs: 235-265 Elev. GS: 6.5 Aquifer: I								
12/08/2009		MONTHLY	6.50	22.20	-15.70	STATIC	ELEC	
01/05/2010		BY SECOND	6.50	19.00	-12.50	STATIC	ELEC	
02/03/2010		MONTHLY	6.50	16.70	-10.20	STATIC	ELEC	
03/03/2010		MONTHLY	6.50	15.70	-9.20	STATIC	ELEC	
04/07/2010		MONTHLY	6.50	16.60	-10.10	STATIC	ELEC	
05/10/2010		MONTHLY	6.50	16.60	-10.10	STATIC	ELEC	
06/08/2010		MONTHLY	6.50	16.20	-9.70	STATIC	ELEC	
07/08/2010		MONTHLY	6.50	17.00	-10.50	STATIC	ELEC	
08/03/2010		BY SECOND	6.50	17.50	-11.00	STATIC	ELEC	
Station Name: OCWD-35H11/1 Perfs: 44-77 Elev. GS: 6.4 Aquifer: RECENT ZONE								
12/17/2009		MONTHLY	6.40	16.40	-10.00	STATIC	ELEC	
12/30/2009		DAY	6.40	16.20	-9.80	STATIC	ELEC	
01/13/2010		MONTHLY	6.40	16.10	-9.70	STATIC	ELEC	
01/28/2010		BY SECOND	6.40	14.10	-7.70	STATIC	ELEC	
02/11/2010		MONTHLY	6.40	13.60	-7.20	STATIC	ELEC	
03/01/2010		BY SECOND	6.40	13.80	-7.40	STATIC	ELEC	
03/15/2010		MONTHLY	6.40	13.80	-7.40	STATIC	ELEC	
03/30/2010		BY SECOND	6.40	16.20	-9.80	STATIC	ELEC	
04/15/2010		MONTHLY	6.40	13.50	-7.10	STATIC	ELEC	
04/29/2010		BY SECOND	6.40	13.10	-6.70	STATIC	ELEC	
05/13/2010		MONTHLY	6.40	15.50	-9.10	STATIC	ELEC	
05/27/2010		BY SECOND	6.40	14.30	-7.90	STATIC	ELEC	
06/14/2010		MONTHLY	6.40	13.10	-6.70	STATIC	ELEC	
06/30/2010		BY SECOND	6.40	16.60	-10.20	STATIC	ELEC	
07/15/2010		MONTHLY	6.40	16.50	-10.10	STATIC	ELEC	
07/27/2010		BY SECOND	6.40	16.80	-10.40	STATIC	ELEC	
08/09/2010		MONTHLY	6.40	17.00	-10.60	STATIC	ELEC	
Station Name: OCWD-35H11/2 Perfs: 125-158 Elev. GS: 6.4 Aquifer: A ZONE								
12/17/2009		MONTHLY	6.40	20.00	-13.60	STATIC	ELEC	
12/30/2009		BY SECOND	6.40	19.40	-13.00	STATIC	ELEC	
01/13/2010		MONTHLY	6.40	19.30	-12.90	STATIC	ELEC	
01/28/2010		BY SECOND	6.40	17.00	-10.60	STATIC	ELEC	
02/11/2010		MONTHLY	6.40	16.40	-10.00	STATIC	ELEC	
03/01/2010		DAY	6.40	16.10	-9.70	STATIC	ELEC	
03/15/2010		MONTHLY	6.40	15.30	-8.90	STATIC	ELEC	
03/30/2010		BY SECOND	6.40	14.20	-7.80	STATIC	ELEC	
04/15/2010		MONTHLY	6.40	17.00	-10.60	STATIC	ELEC	
04/29/2010		BY SECOND	6.40	16.20	-9.80	STATIC	ELEC	
05/13/2010		MONTHLY	6.40	18.80	-12.40	STATIC	ELEC	
05/27/2010		BY SECOND	6.40	-4.40	10.80	STATIC	ELEC	
06/14/2010		MONTHLY	6.40	15.80	-9.40	STATIC	ELEC	
06/30/2010		BY SECOND	6.40	13.60	-7.20	STATIC	ELEC	
07/15/2010		MONTHLY	6.40	13.60	-7.20	STATIC	ELEC	
07/27/2010		BY SECOND	6.40	13.70	-7.30	STATIC	ELEC	
08/09/2010		MONTHLY	6.40	14.50	-8.10	STATIC	ELEC	
Station Name: OCWD-35H11/3 Perfs: 200-220 Elev. GS: 6.4 Aquifer: I ZONE								
12/17/2009		MONTHLY	6.40	23.80	-17.40	STATIC	ELEC	
12/30/2009		BY SECOND	6.40	22.00	-15.60	STATIC	ELEC	

Abbreviations:

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-35H11/3 Perfs: 200-220 Elev. GS: 6.4 Aquifer: I ZONE								
01/13/2010		MONTHLY	6.40	22.20	-15.80	STATIC	ELEC	
01/28/2010		DAY	6.40	18.50	-12.10	STATIC	ELEC	
02/11/2010		MONTHLY	6.40	18.90	-12.50	STATIC	ELEC	
03/01/2010		BY SECOND	6.40	21.20	-14.80	STATIC	ELEC	
03/15/2010		MONTHLY	6.40	20.00	-13.60	STATIC	ELEC	
03/30/2010		BY SECOND	6.40	21.80	-15.40	STATIC	ELEC	
04/15/2010		MONTHLY	6.40	16.20	-9.80	STATIC	ELEC	
04/29/2010		BY SECOND	6.40	16.30	-9.90	STATIC	ELEC	
05/13/2010		MONTHLY	6.40	27.60	-21.20	STATIC	ELEC	
05/27/2010		BY SECOND	6.40	20.90	-14.50	STATIC	ELEC	
06/14/2010		MONTHLY	6.40	16.10	-9.70	STATIC	ELEC	
06/30/2010		BY SECOND	6.40	14.30	-7.90	STATIC	ELEC	
07/15/2010		MONTHLY	6.40	15.50	-9.10	STATIC	ELEC	
07/27/2010		BY SECOND	6.40	13.60	-7.20	STATIC	ELEC	
08/09/2010		MONTHLY	6.40	17.20	-10.80	STATIC	ELEC	
Station Name: OCWD-35H12/1 Perfs: 137-147 Elev. GS: 6.5 Aquifer: UNDEFINED								
12/17/2009		MONTHLY	6.50	20.60	-14.10	STATIC	ELEC	
12/30/2009		BY SECOND	6.50	19.90	-13.40	STATIC	ELEC	
01/13/2010		MONTHLY	6.50	19.90	-13.40	STATIC	ELEC	
01/28/2010		DAY	6.50	17.50	-11.00	STATIC	ELEC	
02/11/2010		MONTHLY	6.50	16.70	-10.20	STATIC	ELEC	
03/01/2010		BY SECOND	6.50	16.50	-10.00	STATIC	ELEC	
03/15/2010		MONTHLY	6.50	15.60	-9.10	STATIC	ELEC	
03/30/2010		DAY	6.50	16.60	-10.10	STATIC	ELEC	
04/15/2010		MONTHLY	6.50	17.40	-10.90	STATIC	ELEC	
04/29/2010		DAY	6.50	16.80	-10.30	STATIC	ELEC	
05/13/2010		MONTHLY	6.50	19.30	-12.80	STATIC	ELEC	
05/27/2010		BY SECOND	6.50	17.80	-11.30	STATIC	ELEC	
06/14/2010		MONTHLY	6.50	16.25	-9.75	STATIC	ELEC	
06/30/2010		DAY	6.50	16.90	-10.40	STATIC	ELEC	
07/15/2010		MONTHLY	6.50	17.10	-10.60	STATIC	ELEC	
07/27/2010		BY SECOND	6.50	17.30	-10.80	STATIC	ELEC	
08/09/2010		MONTHLY	6.50	17.60	-11.10	STATIC	ELEC	
Station Name: OCWD-35J1/1 Perfs: 130-170 Elev. GS: 7.42 Aquifer: A ZONE								
12/17/2009		MONTHLY	7.42	20.70	-13.28	STATIC	ELEC	
12/30/2009		BY SECOND	7.42	20.00	-12.58	STATIC	ELEC	
01/13/2010		MONTHLY	7.42	20.00	-12.58	STATIC	ELEC	
01/28/2010		BY SECOND	7.42	17.80	-10.38	STATIC	ELEC	
02/11/2010		MONTHLY	7.42	19.00	-11.58	STATIC	ELEC	
03/01/2010		BY SECOND	7.42	16.80	-9.38	STATIC	ELEC	
03/15/2010		MONTHLY	7.42	16.30	-8.88	STATIC	ELEC	
03/30/2010		DAY	7.42	17.20	-9.78	STATIC	ELEC	
04/15/2010		MONTHLY	7.42	17.50	-10.08	STATIC	ELEC	
04/29/2010		DAY	7.42	17.00	-9.58	STATIC	ELEC	
05/13/2010		MONTHLY	7.42	19.40	-11.98	STATIC	ELEC	
05/27/2010		BY SECOND	7.42	18.50	-11.08	STATIC	ELEC	
06/14/2010		MONTHLY	7.42	17.55	-10.13	STATIC	ELEC	
06/30/2010		BY SECOND	7.42	17.80	-10.38	STATIC	ELEC	
07/15/2010		MONTHLY	7.42	18.20	-10.78	STATIC	ELEC	
07/27/2010		BY SECOND	7.42	18.60	-11.18	STATIC	ELEC	
08/09/2010		MONTHLY	7.42	18.80	-11.38	STATIC	ELEC	
Station Name: OCWD-35J1/2 Perfs: 190-240 Elev. GS: 7.42 Aquifer: I ZONE								
12/17/2009		MONTHLY	7.42	20.70	-13.28	STATIC	ELEC	
12/30/2009		BY SECOND	7.42	20.20	-12.78	STATIC	ELEC	

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-35J1/2 Perfs: 190-240 Elev. GS: 7.42 Aquifer: I ZONE								
01/13/2010		MONTHLY	7.42	20.00	-12.58	STATIC	ELEC	
01/28/2010		BY SECOND	7.42	17.80	-10.38	STATIC	ELEC	
02/11/2010		MONTHLY	7.42	17.00	-9.58	STATIC	ELEC	
03/01/2010		BY SECOND	7.42	16.90	-9.48	STATIC	ELEC	
03/15/2010		MONTHLY	7.42	16.30	-8.88	STATIC	ELEC	
03/30/2010		BY SECOND	7.42	17.20	-9.78	STATIC	ELEC	
04/15/2010		MONTHLY	7.42	17.60	-10.18	STATIC	ELEC	
04/29/2010		BY SECOND	7.42	17.00	-9.58	STATIC	ELEC	
05/13/2010		MONTHLY	7.42	19.40	-11.98	STATIC	ELEC	
05/27/2010		DAY	7.42	18.30	-10.88	STATIC	ELEC	
06/14/2010		MONTHLY	7.42	17.20	-9.78	STATIC	ELEC	
06/30/2010		BY SECOND	7.42	17.60	-10.18	STATIC	ELEC	
07/15/2010		MONTHLY	7.42	17.90	-10.48	STATIC	ELEC	
07/27/2010		BY SECOND	7.42	18.10	-10.68	STATIC	ELEC	
08/09/2010		MONTHLY	7.42	18.40	-10.98	STATIC	ELEC	
Station Name: OCWD-35J1Y/1 Perfs: 264-294 Elev. GS: 7.1 Aquifer: I-ZONE								
02/11/2010		MONTHLY	6.58	21.40	-14.82	STATIC	ELEC	
03/01/2010		BY SECOND	6.58	23.20	-16.62	STATIC	ELEC	East
03/15/2010		MONTHLY	6.58	21.90	-15.32	STATIC	ELEC	East
03/30/2010		BY SECOND	6.58	22.90	-16.32	STATIC	ELEC	East
04/15/2010		MONTHLY	6.58	18.70	-12.12	STATIC	ELEC	East
04/29/2010		BY SECOND	6.58	18.80	-12.22	STATIC	ELEC	East
05/13/2010		MONTHLY	6.58	27.60	-21.02	STATIC	ELEC	East
05/27/2010		BY SECOND	6.58	23.00	-16.42	STATIC	ELEC	East
06/14/2010		MONTHLY	6.58	19.10	-12.52	STATIC	ELEC	East
06/30/2010		BY SECOND	6.58	18.80	-12.22	STATIC	ELEC	East
07/15/2010		MONTHLY	6.58	18.90	-12.32	STATIC	ELEC	East
07/27/2010		BY SECOND	6.58	19.30	-12.72	STATIC	ELEC	East
08/09/2010		MONTHLY	6.58	20.70	-14.12	STATIC	ELEC	East
Station Name: OCWD-35K1/1 Perfs: 130-170 Elev. GS: 7.96 Aquifer: A ZONE								
12/17/2009		MONTHLY	7.96	22.90	-14.94	STATIC	ELEC	
12/30/2009		BY SECOND	7.96	22.10	-14.14	STATIC	ELEC	
01/13/2010		MONTHLY	7.96	19.40	-11.44	STATIC	ELEC	
01/28/2010		BY SECOND	7.96	19.50	-11.54	STATIC	ELEC	
02/11/2010		MONTHLY	7.96	19.10	-11.14	STATIC	ELEC	
03/01/2010		DAY	7.96	18.80	-10.84	STATIC	ELEC	
03/15/2010		MONTHLY	7.96	18.30	-10.34	STATIC	ELEC	
03/30/2010		BY SECOND	7.96	19.60	-11.64	STATIC	ELEC	
04/15/2010		MONTHLY	7.96	19.60	-11.64	STATIC	ELEC	
04/29/2010		DAY	7.96	18.90	-10.94	STATIC	ELEC	
05/13/2010		MONTHLY	7.96	21.30	-13.34	STATIC	ELEC	
05/27/2010		BY SECOND	7.96	20.90	-12.94	STATIC	ELEC	
06/14/2010		MONTHLY	7.96	19.50	-11.54	STATIC	ELEC	
06/30/2010		BY SECOND	7.96	20.30	-12.34	STATIC	ELEC	
07/15/2010		MONTHLY	7.96	20.20	-12.24	STATIC	ELEC	
07/27/2010		BY SECOND	7.96	20.60	-12.64	STATIC	ELEC	
08/09/2010		MONTHLY	7.96	20.80	-12.84	STATIC	ELEC	
Station Name: OCWD-35K1/2 Perfs: 193-243 Elev. GS: 7.96 Aquifer: I ZONE								
12/17/2009		MONTHLY	7.96	22.50	-14.54	STATIC	ELEC	
12/30/2009		BY SECOND	7.96	21.90	-13.94	STATIC	ELEC	
01/13/2010		MONTHLY	7.96	19.50	-11.54	STATIC	ELEC	
01/28/2010		DAY	7.96	19.60	-11.64	STATIC	ELEC	
02/11/2010		MONTHLY	7.96	19.30	-11.34	STATIC	ELEC	
03/01/2010		BY SECOND	7.96	19.00	-11.04	STATIC	ELEC	

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-35K1/2 Perfs: 193-243 Elev. GS: 7.96 Aquifer: I ZONE								
03/15/2010		MONTHLY	7.96	18.50	-10.54	STATIC	ELEC	
03/30/2010		BY SECOND	7.96	19.70	-11.74	STATIC	ELEC	
04/15/2010		MONTHLY	7.96	19.80	-11.84	STATIC	ELEC	
04/29/2010		BY SECOND	7.96	19.20	-11.24	STATIC	ELEC	
05/13/2010		MONTHLY	7.96	21.50	-13.54	STATIC	ELEC	
05/27/2010		BY SECOND	7.96	21.00	-13.04	STATIC	ELEC	
06/14/2010		MONTHLY	7.96	19.70	-11.74	STATIC	ELEC	
06/30/2010		BY SECOND	7.96	20.70	-12.74	STATIC	ELEC	
07/15/2010		MONTHLY	7.96	20.60	-12.64	STATIC	ELEC	
07/27/2010		BY SECOND	7.96	20.90	-12.94	STATIC	ELEC	
08/09/2010		MONTHLY	7.96	21.10	-13.14	STATIC	ELEC	
Station Name: OCWD-35K1V/1 Perfs: 90-110 Elev. GS: 7.58 Aquifer: C-ZONE								
02/11/2010		MONTHLY	6.92	14.70	-7.78	STATIC	ELEC	
03/01/2010		BY SECOND	6.92	14.90	-7.98	STATIC	ELEC	South
03/15/2010		MONTHLY	6.92	29.40	-22.48	STATIC	ELEC	South
03/30/2010		BY SECOND	6.92	15.50	-8.58	STATIC	ELEC	South
04/15/2010		MONTHLY	6.92	15.20	-8.28	STATIC	ELEC	South
04/29/2010		BY SECOND	6.92	15.00	-8.08	STATIC	ELEC	South
05/13/2010		MONTHLY	6.92	15.80	-8.88	STATIC	ELEC	South
05/27/2010		BY SECOND	6.92	16.20	-9.28	STATIC	ELEC	South
06/14/2010		MONTHLY	6.92	15.60	-8.68	STATIC	ELEC	South
06/30/2010		BY SECOND	6.92	16.00	-9.08	STATIC	ELEC	South
07/15/2010		MONTHLY	6.92	16.00	-9.08	STATIC	ELEC	South
07/27/2010		BY SECOND	6.92	16.00	-9.08	STATIC	ELEC	South
08/09/2010		MONTHLY	6.92	16.20	-9.28	STATIC	ELEC	South
Station Name: OCWD-35K1Y/1 Perfs: 366-386 Elev. GS: 7.73 Aquifer: I-ZONE								
02/11/2010		MONTHLY	7.50	31.30	-23.80	STATIC	ELEC	
03/01/2010		DAY	7.50	31.10	-23.60	STATIC	ELEC	North
03/15/2010		MONTHLY	7.50	14.90	-7.40	STATIC	ELEC	North
03/30/2010		DAY	7.50	31.20	-23.70	STATIC	ELEC	North
04/15/2010		MONTHLY	7.50	30.10	-22.60	STATIC	ELEC	North
04/29/2010		BY SECOND	7.50	29.80	-22.30	STATIC	ELEC	North
05/13/2010		MONTHLY	7.50	32.50	-25.00	STATIC	ELEC	North
05/27/2010		DAY	7.50	32.50	-25.00	STATIC	ELEC	North
06/14/2010		MONTHLY	7.50	30.50	-23.00	STATIC	ELEC	North
06/30/2010		BY SECOND	7.50	31.60	-24.10	STATIC	ELEC	North
07/15/2010		MONTHLY	7.50	31.00	-23.50	STATIC	ELEC	North
07/27/2010		BY SECOND	7.50	21.30	-13.80	STATIC	ELEC	North
08/09/2010		MONTHLY	7.50	32.50	-25.00	STATIC	ELEC	North
Station Name: OCWD-BSO9A/1 Perfs: 10-24 Elev. GS: 5 Aquifer: SEMIPERCHED								
01/07/2010	09:54:45	MONTHLY	5.19	3.18	2.01	STATIC	ELEC	
03/05/2010	07:07:46	MONTHLY	5.19	2.92	2.27	STATIC	ELEC	
05/05/2010	11:24:53	MONTHLY	5.19	3.28	1.91	STATIC	ELEC	
07/01/2010	16:11:55	MONTHLY	5.19	2.70	2.49	STATIC	ELEC	
09/09/2010	12:32:14	MONTHLY	5.19	3.11	2.08	STATIC	ELEC	
10/28/2010	14:22:00	MONTHLY	5.19	3.35	1.84	STATIC	ELEC	
Station Name: OCWD-BSO9A/2 Perfs: 115-162 Elev. GS: 5 Aquifer: ALPHA								
01/07/2010	09:56:03	MONTHLY	5.35	21.40	-16.05	STATIC	ELEC	
03/05/2010	07:10:33	MONTHLY	5.35	18.34	-12.99	STATIC	ELEC	
05/05/2010	11:26:45	MONTHLY	5.35	18.51	-13.16	STATIC	ELEC	
07/01/2010	16:12:28	MONTHLY	5.35	18.28	-12.93	STATIC	ELEC	
09/09/2010	12:33:56	MONTHLY	5.35	19.63	-14.28	STATIC	ELEC	

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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: OCWD-BSO9A/2 Perfs: 115-162 Elev. GS: 5 Aquifer: ALPHA								
10/28/2010	14:23:18	MONTHLY	5.35	16.46	-11.11	STATIC	ELEC	
Station Name: OCWD-BSO9A/3 Perfs: 195-285 Elev. GS: 5 Aquifer: BETA-LAMBDA								
01/07/2010	09:57:22	MONTHLY	5.24	20.80	-15.56	STATIC	ELEC	
03/05/2010	07:12:16	MONTHLY	5.24	19.55	-14.31	STATIC	ELEC	
05/05/2010	11:29:34	MONTHLY	5.24	17.57	-12.33	STATIC	ELEC	
07/01/2010	16:13:00	MONTHLY	5.24	19.57	-14.33	STATIC	ELEC	
09/09/2010	12:36:17	MONTHLY	5.24	21.05	-15.81	STATIC	ELEC	
10/28/2010	14:24:42	MONTHLY	5.24	17.89	-12.65	STATIC	ELEC	
Station Name: OCWD-BSO9B/1 Perfs: 56-101 Elev. GS: 5 Aquifer: ALPHA								
01/07/2010	10:01:23	MONTHLY	5.19	2.72	2.47	STATIC	ELEC	
03/05/2010	07:14:29	MONTHLY	5.19	0.30	4.89	STATIC	ELEC	
05/05/2010	11:30:43	MONTHLY	5.19	2.88	2.31	STATIC	ELEC	
07/01/2010	16:13:29	MONTHLY	5.19	3.53	1.66	STATIC	ELEC	
09/09/2010	12:27:40	MONTHLY	5.19	3.59	1.60	STATIC	ELEC	
10/28/2010	14:25:50	MONTHLY	5.19	3.72	1.47	STATIC	ELEC	
Station Name: OCWD-BSO9B/2 Perfs: 520-615 Elev. GS: 5 Aquifer: MAIN								
01/07/2010	10:02:48	MONTHLY	5.32	59.86	-54.54	STATIC	ELEC	
03/05/2010	07:16:41	MONTHLY	5.32	52.77	-47.45	STATIC	ELEC	
05/05/2010	11:31:52	MONTHLY	5.32	53.00	-47.68	STATIC	ELEC	
07/01/2010	16:13:59	MONTHLY	5.32	54.52	-49.20	STATIC	ELEC	
09/09/2010	12:28:40	MONTHLY	5.32	57.72	-52.40	STATIC	ELEC	
Station Name: OCWD-BSO9C/1 Perfs: 340-435 Elev. GS: 5 Aquifer: MEADOWLARK								
03/05/2010	07:18:42	MONTHLY	5.64	26.32	-20.68	STATIC	ELEC	
05/05/2010	11:33:12	MONTHLY	5.64	25.24	-19.60	STATIC	ELEC	
07/01/2010	16:14:32	MONTHLY	5.64	26.00	-20.36	STATIC	ELEC	
09/09/2010	12:29:33	MONTHLY	5.64	28.08	-22.44	STATIC	ELEC	
10/28/2010	14:26:52	MONTHLY	5.64	24.00	-18.36	STATIC	ELEC	
Station Name: SB-BC/1 Perfs: 370-1020 Elev. GS: 21 Aquifer: UNDEFINED								
12/21/2009	09:00:00	MONTHLY	22.00	129.00	-107.00	PUMPING	ELEC	pump on 240 hours
12/21/2009	14:00:00	MONTHLY	22.00	85.00	-63.00	STATIC	ELEC	pump off 5 hours
01/25/2010	09:00:00	MONTHLY	22.00	112.00	-90.00	PUMPING	ELEC	pump on 336 hours
01/25/2010	14:00:00	MONTHLY	22.00	81.00	-59.00	STATIC	ELEC	pump off 5 hours
02/23/2010	09:30:00	MONTHLY	22.00	119.00	-97.00	PUMPING	ELEC	pump on 168 hours
02/23/2010	13:30:00	MONTHLY	22.00	80.00	-58.00	STATIC	ELEC	pump off 4 hours
03/29/2010	11:00:00	MONTHLY	22.00	122.00	-100.00	PUMPING	ELEC	pump on 336 hours
03/29/2010	15:00:00	MONTHLY	22.00	82.00	-60.00	STATIC	ELEC	pump off 4 hours
04/26/2010	11:00:00	MONTHLY	22.00	117.00	-95.00	PUMPING	ELEC	pump on 672 hours
04/26/2010	15:00:00	MONTHLY	22.00	82.00	-60.00	STATIC	ELEC	pump off 4 hours
05/24/2010	10:00:00	MONTHLY	22.00	117.00	-95.00	PUMPING	ELEC	pump on 696 hours
05/24/2010	14:00:00	MONTHLY	22.00	79.00	-57.00	STATIC	ELEC	pump off 4 hours
06/28/2010	09:00:00	MONTHLY	22.00	79.00	-57.00	STATIC	ELEC	pump off 792 hours
07/26/2010	14:00:00	MONTHLY	22.00	80.00	-58.00	STATIC	ELEC	pump off 720 hours
08/30/2010	11:00:00	MONTHLY	22.00	79.00	-57.00	STATIC	ELEC	pump off 720 hours
09/28/2010	10:30:00	MONTHLY	22.00	78.00	-56.00	STATIC	ELEC	pump off 1 month
10/27/2010	09:00:00	MONTHLY	22.00	110.00	-88.00	PUMPING	ELEC	pump on 432 hours
10/28/2010	10:30:00	MONTHLY	22.00	80.00	-58.00	STATIC	ELEC	pump off 24 hours
11/29/2010	10:30:00	MONTHLY	22.00	100.00	-78.00	PUMPING	ELEC	pump on 144 hours
11/29/2010	15:30:00	MONTHLY	22.00	71.00	-49.00	STATIC	ELEC	pump off 5 hours

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: SB-BEV/1 Perfs: 400-800 Elev. GS: 11.2 Aquifer: UNDEFINED								
12/21/2009	07:30:00	MONTHLY	11.86	79.00	-67.14	STATIC	ELEC	pump off 120 hours
01/25/2010	07:00:00	MONTHLY	11.86	76.00	-64.14	STATIC	ELEC	pump off 432 hours
01/25/2010	11:00:00	MONTHLY	11.86	94.00	-82.14	PUMPING	ELEC	pump on 1/2 hour
02/23/2010	08:00:00	MONTHLY	11.86	72.00	-60.14	STATIC	ELEC	pump off 24 hours
02/23/2010	08:30:00	MONTHLY	11.86	94.00	-82.14	PUMPING	ELEC	pump on 1/2 hour
03/29/2010	08:30:00	MONTHLY	11.86	76.00	-64.14	STATIC	ELEC	pump off 48 hours
03/29/2010	10:00:00	MONTHLY	11.86	95.00	-83.14	PUMPING	ELEC	pump on 1 1/2 hours
04/26/2010	08:30:00	MONTHLY	11.86	79.00	-67.14	STATIC	ELEC	pump off 16 hours
04/26/2010	10:00:00	MONTHLY	11.86	98.00	-86.14	PUMPING	ELEC	pump on 1 1/2 hours
05/24/2010	08:00:00	MONTHLY	11.86	77.00	-65.14	STATIC	ELEC	pump off 20 hours
05/24/2010	09:30:00	MONTHLY	11.86	98.00	-86.14	PUMPING	ELEC	pump on 1 hour
06/28/2010	08:00:00	MONTHLY	11.86	79.00	-67.14	STATIC	ELEC	pump off 40 hours
06/28/2010	11:00:00	MONTHLY	11.86	100.00	-88.14	PUMPING	ELEC	pump on 3 hours
07/26/2010	07:30:00	MONTHLY	11.86	81.00	-69.14	STATIC	ELEC	pump off 48 hours
07/26/2010	11:00:00	MONTHLY	11.86	100.00	-88.14	PUMPING	ELEC	pump on 2 hours
08/30/2010	08:00:00	MONTHLY	11.86	83.00	-71.14	STATIC	ELEC	pump off 18 hours
08/30/2010	10:00:00	MONTHLY	11.86	101.00	-89.14	PUMPING	ELEC	pump on 2 hours
09/28/2010	08:30:00	MONTHLY	11.86	83.00	-71.14	STATIC	ELEC	pump off 146 hours
09/28/2010	09:30:00	MONTHLY	11.86	102.00	-90.14	PUMPING	ELEC	pump on 1 hour
10/25/2010	10:30:00	MONTHLY	11.86	98.00	-86.14	PUMPING	ELEC	pump on 2 hours
10/26/2010	11:00:00	MONTHLY	11.86	79.00	-67.14	STATIC	ELEC	pump off 24 hours
11/29/2010	07:30:00	MONTHLY	11.86	64.00	-52.14	STATIC	ELEC	pump off 48 hours
11/29/2010	09:00:00	MONTHLY	11.86	84.00	-72.14	PUMPING	ELEC	pump on 1/2 hour
Station Name: SB-LAM/1 Perfs: 360-1170 Elev. GS: 20 Aquifer: UNDEFINED								
07/26/2010	09:00:00	MONTHLY	20.00	80.00	-60.00	STATIC	ELEC	pump off 1 hour
09/28/2010		MONTHLY	20.00	72.00	-52.00	STATIC	ELEC	Well still being developed...submitted by phone Alan Bramlett
10/26/2010	14:00:00	MONTHLY	20.00	68.00	-48.00	STATIC	ELEC	pump off 24 hours
11/29/2010	11:30:00	MONTHLY	20.00	54.00	-34.00	STATIC	ELEC	
Station Name: SB-LEI/1 Perfs: 420-840 Elev. GS: 9.8 Aquifer: UNDEFINED								
12/21/2009	08:00:00	MONTHLY	11.43	76.00	-64.57	STATIC	ELEC	pump off 72 hours
01/25/2010	08:00:00	MONTHLY	11.43	74.00	-62.57	STATIC	ELEC	pump off 120 hours
01/25/2010	10:30:00	MONTHLY	11.43	96.00	-84.57	PUMPING	ELEC	pump on 1/2 hour
02/23/2010	07:30:00	MONTHLY	11.43	93.00	-81.57	PUMPING	ELEC	pump on 1/2 hour
02/23/2010	07:30:00	MONTHLY	11.43	71.00	-59.57	STATIC	ELEC	pump off 24 hours
03/29/2010	08:00:00	MONTHLY	11.43	73.00	-61.57	STATIC	ELEC	pump off 72 hours
03/29/2010	09:00:00	MONTHLY	11.43	96.00	-84.57	PUMPING	ELEC	pump on 1 hour
04/26/2010	07:00:00	MONTHLY	11.43	98.00	-86.57	PUMPING	ELEC	pump on 3 hours
04/26/2010	08:00:00	MONTHLY	11.43	77.00	-65.57	STATIC	ELEC	pump off 1 hour
05/24/2010	07:00:00	MONTHLY	11.43	99.00	-87.57	PUMPING	ELEC	pump on 3 1/2 hours
05/24/2010	15:30:00	MONTHLY	11.43	75.00	-63.57	STATIC	ELEC	pump off 8 hours
06/28/2010	07:30:00	MONTHLY	11.43	100.00	-88.57	PUMPING	ELEC	pump on 3 hours
06/29/2010	09:00:00	MONTHLY	11.43	78.00	-66.57	STATIC	ELEC	pump off 25 hours
07/26/2010	07:00:00	MONTHLY	11.43	101.00	-89.57	PUMPING	ELEC	pump on 3 hours
08/30/2010	07:00:00	MONTHLY	11.43	104.00	-92.57	PUMPING	ELEC	pump on 2 1/2 hours
08/30/2010	08:30:00	MONTHLY	11.43	82.00	-70.57	STATIC	ELEC	pump off 1 hour
09/28/2010	07:30:00	MONTHLY	11.43	104.00	-92.57	PUMPING	ELEC	pump on 1/2 hour
09/28/2010	11:30:00	MONTHLY	11.43	82.00	-70.57	STATIC	ELEC	pump off 4 hours
10/25/2010	07:30:00	MONTHLY	11.43	102.00	-90.57	PUMPING	ELEC	pump on 3 hours
10/26/2010	08:00:00	MONTHLY	11.43	78.00	-66.57	STATIC	ELEC	pump off 24 hours
11/29/2010	07:00:00	MONTHLY	11.43	87.00	-75.57	PUMPING	ELEC	pump on 2 1/2 hours
11/29/2010	09:30:00	MONTHLY	11.43	62.00	-50.57	STATIC	ELEC	pump off 2 hours
Station Name: SBM-1/1/WB1/MP1 Elev. GS: 17.07 Zone Interval: 74-84								
01/15/2010	10:29:00	MONTHLY	19.07	15.33	3.73	STATIC	WBMAN	

Abbreviations:

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: SBM-1/1/WB1/MP1 Elev. GS: 17.07 Zone Interval: 74-84								
02/25/2010	11:02:00	MONTHLY	19.07	13.09	5.98	STATIC	WBMAN	
03/24/2010	10:37:00	MONTHLY	19.07	12.93	6.13	STATIC	WBMAN	
05/05/2010	13:46:00	MONTHLY	19.07	13.30	5.76	STATIC	WBMAN	
06/08/2010	10:31:00	MONTHLY	19.07	13.57	5.50	STATIC	WBMAN	
07/01/2010	10:20:00	BY SECOND	19.07	13.78	5.29	STATIC	WBMAN	
08/17/2010	10:16:00	MONTHLY	19.07	14.15	4.92	STATIC	WBMAN	
09/15/2010	10:31:00	MONTHLY	19.07	14.70	4.37	STATIC	WBMAN	
11/01/2010	10:26:00	MONTHLY	19.07	14.06	5.00	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP2 Elev. GS: 17.07 Zone Interval: 144-154								
01/15/2010	10:26:00	MONTHLY	19.07	41.21	-22.15	STATIC	WBMAN	
02/25/2010	10:59:00	MONTHLY	19.07	37.53	-18.47	STATIC	WBMAN	
03/24/2010	10:34:00	MONTHLY	19.07	36.75	-17.68	STATIC	WBMAN	
05/05/2010	13:43:00	MONTHLY	19.07	37.12	-18.06	STATIC	WBMAN	
06/08/2010	10:28:00	MONTHLY	19.07	38.61	-19.55	STATIC	WBMAN	
07/01/2010	10:16:00	BY SECOND	19.07	39.92	-20.86	STATIC	WBMAN	
08/17/2010	10:13:00	MONTHLY	19.07	41.54	-22.48	STATIC	WBMAN	
09/15/2010	10:28:00	MONTHLY	19.07	42.44	-23.38	STATIC	WBMAN	
11/01/2010	10:23:00	MONTHLY	19.07	32.92	-13.86	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP3 Elev. GS: 17.07 Zone Interval: 240-250								
01/15/2010	10:22:00	MONTHLY	19.07	42.17	-23.11	STATIC	WBMAN	
02/25/2010	10:55:00	MONTHLY	19.07	38.44	-19.38	STATIC	WBMAN	
03/24/2010	10:31:00	MONTHLY	19.07	37.70	-18.64	STATIC	WBMAN	
05/05/2010	13:40:00	MONTHLY	19.07	37.88	-18.82	STATIC	WBMAN	
06/08/2010	10:24:00	MONTHLY	19.07	39.79	-20.73	STATIC	WBMAN	
07/01/2010	10:13:00	BY SECOND	19.07	40.94	-21.88	STATIC	WBMAN	
08/17/2010	10:10:00	MONTHLY	19.07	42.64	-23.57	STATIC	WBMAN	
09/15/2010	10:24:00	MONTHLY	19.07	43.65	-24.59	STATIC	WBMAN	
11/01/2010	10:19:00	MONTHLY	19.07	33.34	-14.28	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP4 Elev. GS: 17.07 Zone Interval: 370-380								
01/15/2010	10:18:00	MONTHLY	19.07	54.37	-35.31	STATIC	WBMAN	
02/25/2010	10:57:00	MONTHLY	19.07	52.04	-32.98	STATIC	WBMAN	
03/24/2010	10:28:00	MONTHLY	19.07	49.21	-30.15	STATIC	WBMAN	
05/05/2010	13:36:00	MONTHLY	19.07	53.59	-34.52	STATIC	WBMAN	
06/08/2010	10:21:00	MONTHLY	19.07	49.89	-30.82	STATIC	WBMAN	
07/01/2010	10:09:00	BY SECOND	19.07	54.10	-35.04	STATIC	WBMAN	
08/17/2010	10:06:00	MONTHLY	19.07	51.94	-32.88	STATIC	WBMAN	
09/15/2010	10:21:00	MONTHLY	19.07	52.36	-33.30	STATIC	WBMAN	
11/01/2010	10:16:00	MONTHLY	19.07	45.99	-26.93	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP5 Elev. GS: 17.07 Zone Interval: 510-520								
01/15/2010	10:14:00	MONTHLY	19.07	57.58	-38.52	STATIC	WBMAN	
02/25/2010	10:47:00	MONTHLY	19.07	55.13	-36.06	STATIC	WBMAN	
03/24/2010	10:24:00	MONTHLY	19.07	51.96	-32.90	STATIC	WBMAN	
05/05/2010	13:32:00	MONTHLY	19.07	56.81	-37.74	STATIC	WBMAN	
06/08/2010	10:17:00	MONTHLY	19.07	53.51	-34.45	STATIC	WBMAN	
07/01/2010	10:05:00	BY SECOND	19.07	58.18	-39.12	STATIC	WBMAN	
08/17/2010	10:03:00	MONTHLY	19.07	55.24	-36.18	STATIC	WBMAN	
09/15/2010	10:17:00	MONTHLY	19.07	55.97	-36.91	STATIC	WBMAN	
11/01/2010	10:12:00	MONTHLY	19.07	48.55	-29.48	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP6 Elev. GS: 17.07 Zone Interval: 696-706								
01/15/2010	10:09:00	MONTHLY	19.07	77.21	-58.15	STATIC	WBMAN	

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ORANGE COUNTY WATER DISTRICT
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Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: SBM-1/1/WB1/MP6 Elev. GS: 17.07 Zone Interval: 696-706								
02/25/2010	10:42:00	MONTHLY	19.07	71.26	-52.20	STATIC	WBMAN	
03/24/2010	10:09:00	MONTHLY	19.07	68.25	-49.19	STATIC	WBMAN	
05/05/2010	13:24:00	MONTHLY	19.07	71.07	-52.01	STATIC	WBMAN	
06/08/2010	10:13:00	MONTHLY	19.07	71.86	-52.80	STATIC	WBMAN	
07/01/2010	10:01:00	DAY	19.07	74.15	-55.09	STATIC	WBMAN	
08/17/2010	09:58:00	MONTHLY	19.07	76.05	-56.98	STATIC	WBMAN	
09/15/2010	10:13:00	MONTHLY	19.07	78.49	-59.43	STATIC	WBMAN	
11/01/2010	10:08:00	MONTHLY	19.07	61.99	-42.93	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP7 Elev. GS: 17.07 Zone Interval: 910-920								
01/15/2010	10:03:00	MONTHLY	19.07	78.61	-59.55	STATIC	WBMAN	
02/25/2010	10:37:00	MONTHLY	19.07	70.45	-51.38	STATIC	WBMAN	
03/24/2010	10:04:00	MONTHLY	19.07	71.04	-51.98	STATIC	WBMAN	
05/05/2010	13:21:00	MONTHLY	19.07	73.28	-54.22	STATIC	WBMAN	
06/08/2010	10:08:00	MONTHLY	19.07	71.99	-52.93	STATIC	WBMAN	
07/01/2010	09:56:00	BY SECOND	19.07	75.02	-55.95	STATIC	WBMAN	
08/17/2010	09:53:00	MONTHLY	19.07	77.19	-58.13	STATIC	WBMAN	
09/15/2010	10:08:00	MONTHLY	19.07	80.25	-61.19	STATIC	WBMAN	
11/01/2010	10:04:00	MONTHLY	19.07	72.10	-53.04	STATIC	WBMAN	
Station Name: SBM-1/1/WB1/MP8 Elev. GS: 17.07 Zone Interval: 1250-1260								
01/15/2010	09:56:00	MONTHLY	19.07	54.04	-34.98	STATIC	WBMAN	
02/25/2010	10:28:00	MONTHLY	19.07	54.50	-35.44	STATIC	WBMAN	
03/24/2010	09:57:00	MONTHLY	19.07	53.89	-34.83	STATIC	WBMAN	
05/05/2010	13:13:00	MONTHLY	19.07	53.77	-34.70	STATIC	WBMAN	
06/08/2010	10:01:00	MONTHLY	19.07	54.24	-35.18	STATIC	WBMAN	
07/01/2010	09:49:00	BY SECOND	19.07	54.36	-35.30	STATIC	WBMAN	
08/17/2010	09:44:00	MONTHLY	19.07	55.34	-36.27	STATIC	WBMAN	
09/15/2010	10:01:00	MONTHLY	19.07	56.11	-37.05	STATIC	WBMAN	
11/01/2010	09:57:00	MONTHLY	19.07	57.06	-37.99	STATIC	WBMAN	
Station Name: SCWC-LAYT/1 Perfs: 250-800 Elev. GS: 12 Aquifer: UNDEFINED								
12/29/2009		MONTHLY	12.58	97.00	-84.42	PUMPING	CALAIR	
12/29/2009		MONTHLY	12.58	70.00	-57.42	STATIC	CALAIR	
01/25/2010		MONTHLY	12.58	68.00	-55.42	STATIC	CALAIR	
01/25/2010		MONTHLY	12.58	93.00	-80.42	PUMPING	CALAIR	
02/23/2010		MONTHLY	12.58	68.00	-55.42	STATIC	CALAIR	
02/23/2010		MONTHLY	12.58	98.00	-85.42	PUMPING	CALAIR	
03/28/2010		MONTHLY	12.58	97.00	-84.42	PUMPING	CALAIR	
03/28/2010		MONTHLY	12.58	67.00	-54.42	STATIC	CALAIR	
04/14/2010		MONTHLY	12.58	102.00	-89.42	PUMPING	CALAIR	
04/28/2010		MONTHLY	12.58	71.00	-58.42	STATIC	CALAIR	
05/20/2010		MONTHLY	12.58	102.00	-89.42	PUMPING	CALAIR	
05/26/2010		MONTHLY	12.58	72.00	-59.42	STATIC	CALAIR	
06/30/2010		MONTHLY	12.58	104.00	-91.42	PUMPING	CALAIR	
06/30/2010		MONTHLY	12.58	77.00	-64.42	STATIC	CALAIR	
07/05/2010		DAY	12.58	71.00	-58.42	STATIC	CALAIR	pump off 4 hours
07/28/2010		MONTHLY	12.58	69.00	-56.42	STATIC	CALAIR	
07/28/2010		MONTHLY	12.58	106.00	-93.42	PUMPING	CALAIR	
08/24/2010		MONTHLY	12.58	77.00	-64.42	STATIC	CALAIR	
08/24/2010		MONTHLY	12.58	110.00	-97.42	PUMPING	CALAIR	
09/28/2010		MONTHLY	12.58	109.00	-96.42	PUMPING	CALAIR	
09/28/2010		MONTHLY	12.58	77.00	-64.42	STATIC	CALAIR	
10/13/2010		MONTHLY	12.58	107.00	-94.42	PUMPING	CALAIR	
10/25/2010		MONTHLY	12.58	72.00	-59.42	STATIC	CALAIR	
11/16/2010		MONTHLY	12.58	67.00	-54.42	STATIC	CALAIR	
11/17/2010		MONTHLY	12.58	104.00	-91.42	PUMPING	CALAIR	

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ORANGE COUNTY WATER DISTRICT
WATER LEVEL REPORT

Date	Time	Time Period	Elev RP	Depth to Water	Elev WS	WL Status	Method Abbr.	Comments
Station Name: WM-125/1 Perfs: 374-860 Elev. GS: 25 Aquifer: UNDEFINED								
12/03/2009	09:36:00	MONTHLY	25.00	92.30	-67.30	PUMPING	ELEC	pump on 4 hours
12/10/2009	10:51:00	MONTHLY	25.00	70.30	-45.30	STATIC	ELEC	pump off 30.1 hours
01/06/2010	09:30:00	MONTHLY	25.00	89.00	-64.00	PUMPING	ELEC	pump on 3.5 hours
01/11/2010	07:55:00	MONTHLY	25.00	70.00	-45.00	STATIC	ELEC	pump off 72 hours
02/08/2010	08:55:00	MONTHLY	25.00	89.40	-64.40	PUMPING	ELEC	pump on 97 hours
02/18/2010	14:40:00	MONTHLY	25.00	61.40	-36.40	STATIC	ELEC	pump off 166 hours
03/01/2010	10:04:00	BY SECOND	25.00	86.00	-61.00	PUMPING	ELEC	pump on 1 hour
03/18/2010	08:37:00	MONTHLY	25.00	60.00	-35.00	STATIC	ELEC	pump off 171 hours
04/01/2010	07:30:00	MONTHLY	25.00	86.80	-61.80	PUMPING	ELEC	pump on 112.9 hours
04/07/2010	10:00:00	BY SECOND	25.00	62.30	-37.30	STATIC	ELEC	pump off 100.8 hours
05/10/2010	14:37:00	MONTHLY	25.00	62.50	-37.50	STATIC	ELEC	pump off 103 hours
05/12/2010	09:00:00	MONTHLY	25.00	86.00	-61.00	PUMPING	ELEC	pump on 26 hours
06/02/2010	10:37:00	BY SECOND	25.00	61.50	-36.50	STATIC	ELEC	pump off 164.2 hours
06/09/2010	08:12:00	MONTHLY	25.00	84.90	-59.90	PUMPING	ELEC	pump on 1.5 hours
06/28/2010	13:00:00	MONTHLY	25.00	63.10	-38.10	STATIC	ELEC	pump off 69.2 hours
06/29/2010	10:05:00	BY SECOND	25.00	84.00	-59.00	PUMPING	ELEC	pump on 2 hours
08/04/2010	13:05:00	MONTHLY	25.00	90.00	-65.00	PUMPING	ELEC	pump on 21.5 hours
08/13/2010	11:30:00	MONTHLY	25.00	62.00	-37.00	STATIC	ELEC	pump off 70.8 hours
09/07/2010	14:40:00	BY SECOND	25.00	68.60	-43.60	STATIC	ELEC	pump off 95 hours
09/08/2010	13:00:00	MONTHLY	25.00	91.30	-66.30	PUMPING	ELEC	pump on 20 hours
10/04/2010	13:00:00	MONTHLY	25.00	64.90	-39.90	STATIC	ELEC	pump off 148 hours
10/26/2010	08:17:00	MONTHLY	25.00	58.00	-33.00	STATIC	ELEC	pump off 336 hours
Station Name: WM-RES2/1 Perfs: 340-937 Elev. GS: 28 Aquifer: UNDEFINED								
12/02/2009	15:40:00	MONTHLY	29.00	100.00	-71.00	PUMPING	ELEC	pump on 22.6 hours
12/14/2009	09:46:00	MONTHLY	29.00	67.30	-38.30	STATIC	ELEC	pump off 101 hours
01/06/2010	10:20:00	MONTHLY	29.00	97.00	-68.00	PUMPING	ELEC	pump on 11 hours
01/14/2010	14:47:00	MONTHLY	29.00	65.00	-36.00	STATIC	ELEC	pump off 48 hours
02/01/2010	13:35:00	MONTHLY	29.00	94.40	-65.40	PUMPING	ELEC	pump on 94 hours
02/16/2010	14:52:00	MONTHLY	29.00	61.10	-32.10	STATIC	ELEC	pump off 144 hours
03/01/2010	10:57:00	MONTHLY	29.00	93.30	-64.30	PUMPING	ELEC	pump on 82 hours
03/04/2010	11:40:00	DAY	29.00	61.00	-32.00	STATIC	ELEC	pump off 58 hours
04/01/2010	13:20:00	MONTHLY	29.00	61.90	-32.90	STATIC	ELEC	pump off 118.5 hours
04/12/2010	07:30:00	MONTHLY	29.00	95.50	-66.50	PUMPING	ELEC	pump on 43.7 hours
05/03/2010	13:25:00	BY SECOND	29.00	93.00	-64.00	PUMPING	ELEC	pump on 100 hours
05/10/2010	12:50:00	MONTHLY	29.00	62.40	-33.40	STATIC	ELEC	pump off 101 hours
06/07/2010	13:15:00	BY SECOND	29.00	62.70	-33.70	STATIC	ELEC	pump off 68.2 hours
06/09/2010	07:38:00	MONTHLY	29.00	94.10	-65.10	PUMPING	ELEC	pump on 15.5 hours
06/28/2010	13:46:00	MONTHLY	29.00	64.50	-35.50	STATIC	ELEC	pump off 70 hours
06/29/2010	09:35:00	BY SECOND	29.00	93.00	-64.00	PUMPING	ELEC	pump on 1.5 hours
08/11/2010	09:45:00	MONTHLY	29.00	65.00	-14.33	STATIC	ELEC	pump off 138 hours
08/19/2010	14:30:00	MONTHLY	29.00	95.80	-66.80	PUMPING	ELEC	pump on 7.3 hours
09/07/2010	10:42:00	BY SECOND	29.00	100.00	-71.00	PUMPING	ELEC	pump on 77 hours
09/09/2010	13:00:00	MONTHLY	29.00	69.00	-40.00	STATIC	ELEC	pump off 25 hours
10/04/2010	13:48:00	BY SECOND	29.00	65.60	-36.60	STATIC	ELEC	pump off 79 hours
10/11/2010	07:12:00	MONTHLY	29.00	97.00	-68.00	PUMPING	ELEC	pump on 66 hours
10/25/2010	15:20:00	MONTHLY	29.00	57.00	-28.00	STATIC	ELEC	pump off 103 hours
10/27/2010	07:10:00	DAY	29.00	89.00	-60.00	PUMPING	ELEC	pump on 14.2 hours
Station Name: WMIL-WM/1 Perfs: 260-300 Elev. GS: 25 Aquifer: UNDEFINED								
06/29/2010	14:40:00	MONTHLY	25.67	47.57	-21.90	STATIC	TAPE	
10/25/2010	13:30:00	MONTHLY	25.67	38.57	-12.90	STATIC	TAPE	wl very difficult to obtain, tape sticking to well casing
Station Name: WRD-SEALBEACH-1/1 Perfs: 60-70 Elev. GS: 7 Aquifer: UNDEFINED								
06/24/2010		MONTHLY	7.00	11.28	-4.28	STATIC	ELEC	
10/28/2010		MONTHLY	7.00	11.12	-4.12	STATIC	ELEC	

Abbreviations:

Elev GS -- Elevation of Ground Surface ***WL Status -- Water Level Status***
Elev RP -- Elevation of Reference Point ***Perfs -- Perforated Interval***
Elev WS -- Elevation of Water Surface

National Weather Service

WFO Monthly/Daily Climate Data

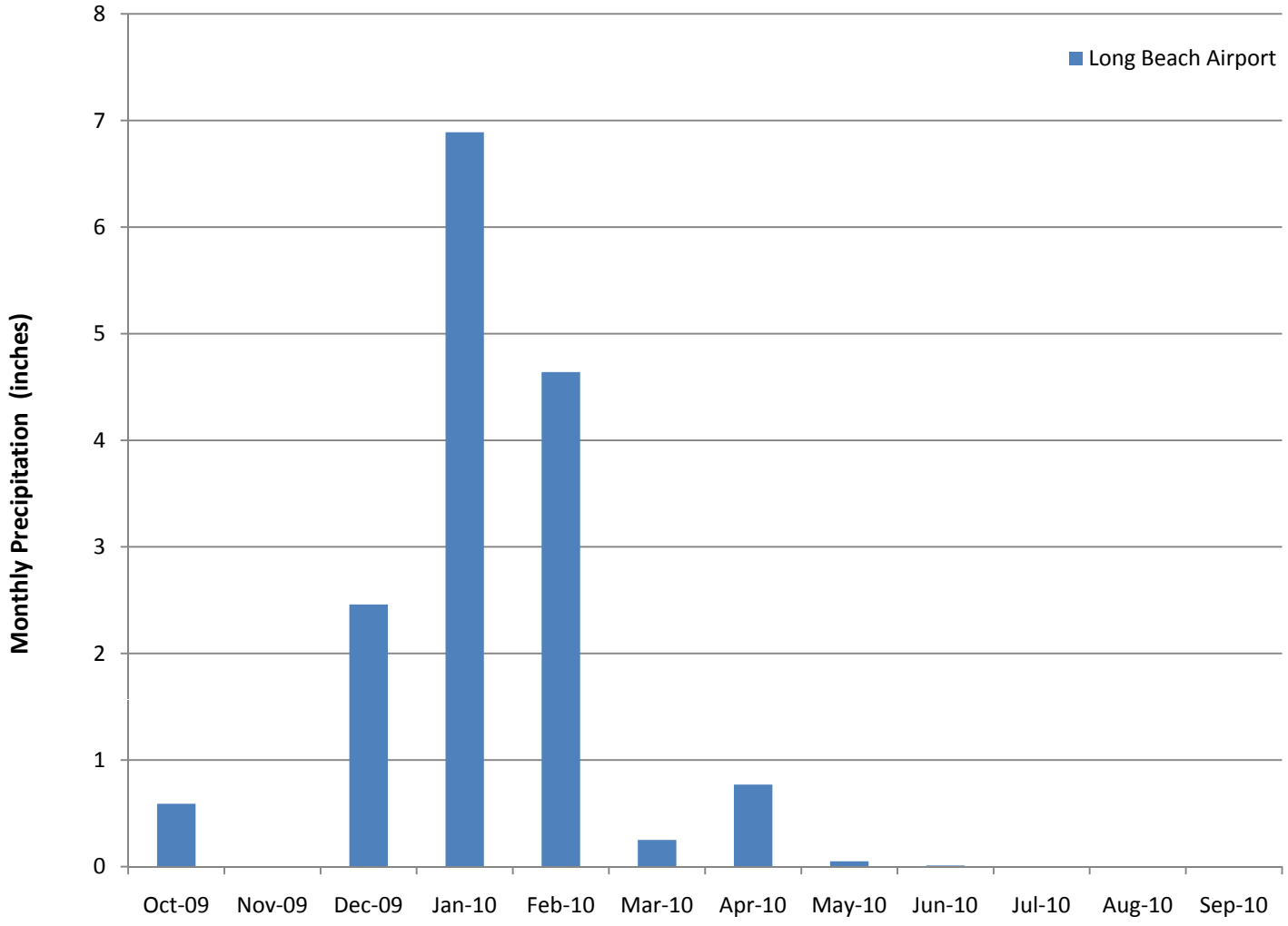
[Printable]
000
CXUS55 KLOX 011655
CF6LGB
PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: LONG BEACH AIRPORT CA
MONTH: AUGUST
YEAR: 2010
LATITUDE: 33 49 N
LONGITUDE: 118 9 W

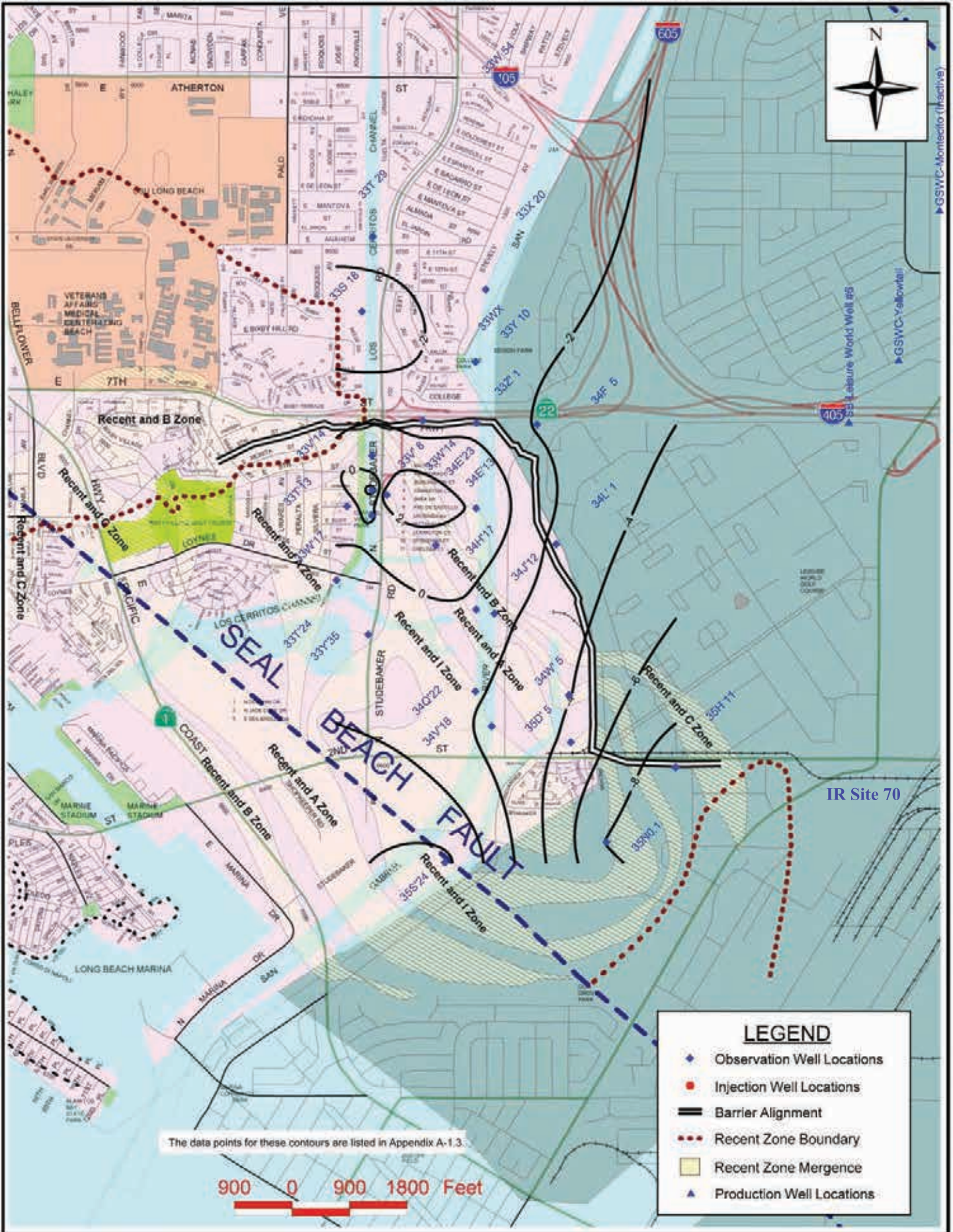
TEMPERATURE IN F:							:PCPN:	SNOW:		WIND			:SUNSHINE:	SKY			:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	80	60	70	-5	0	5	0.00	0.0	0	4.8	12	300	M	M	4	18	16	340
2	82	59	71	-4	0	6	0.00	0.0	0	4.9	13	310	M	M	4	18	M	M
3	81	60	71	-4	0	6	0.00	0.0	0	4.6	12	190	M	M	0		25	150
4	76	61	69	-6	0	4	0.00	0.0	0	4.7	10	300	M	M	3	18	M	M
5	77	60	69	-6	0	4	0.00	0.0	M	5.1	12	300	M	M	4	8	M	M
6	77	60	69	-6	0	4	0.00	0.0	0	4.9	13	290	M	M	4	8	16	200
7	73	61	67	-8	0	2	0.00	0.0	0	4.0	13	310	M	M	5	8	M	M
8	73	62	68	-7	0	3	0.00	0.0	0	5.4	12	290	M	M	5		16	220
9	76	60	68	-7	0	3	0.00	0.0	0	5.1	13	310	M	M	2	8	16	190
10	78	60	69	-6	0	4	0.00	0.0	0	5.1	12	290	M	M	4	18	M	M
11	78	60	69	-6	0	4	0.00	0.0	0	5.1	14	290	M	M	4		18	300
12	79	59	69	-7	0	4	0.00	0.0	0	4.9	14	310	M	M	3	8	16	290
13	79	59	69	-7	0	4	0.00	0.0	0	5.3	15	320	M	M	1	18	M	M
14	80	58	69	-7	0	4	0.00	0.0	0	4.5	14	310	M	M	2	18	18	310
15	80	58	69	-6	0	4	0.00	0.0	0	4.8	14	310	M	M	2	1	16	310
16	78	61	70	-5	0	5	0.00	0.0	0	4.0	15	180	M	M	0		M	M
17	88	66	77	2	0	12	0.00	0.0	0	3.5	12	170	M	M	0		14	200
18	96	70	83	8	0	18	0.00	0.0	0	5.0	14	310	M	M	0		17	280
19	91	67	79	4	0	14	0.00	0.0	0	5.2	14	310	M	M	0		16	330
20	90	63	77	2	0	12	0.00	0.0	0	5.1	14	310	M	M	0		17	320
21	87	63	75	0	0	10	0.00	0.0	0	5.1	14	310	M	M	0		16	280
22	91	64	78	3	0	13	0.00	0.0	0	4.0	13	290	M	M	0		15	280
23	93	61	77	2	0	12	0.00	0.0	0	3.8	13	300	M	M	0	18	15	310
24	95	66	81	6	0	16	0.00	0.0	0	4.7	15	310	M	M	0		18	290
25	87	67	77	2	0	12	0.00	0.0	0	6.9	15	290	M	M	1		M	M
26	88	65	77	2	0	12	0.00	0.0	0	5.8	14	320	M	M	0		18	300
27	75	61	68	-7	0	3	0.00	0.0	0	4.6	12	150	M	M	2	18	15	150
28	73	62	68	-7	0	3	0.00	0.0	0	5.9	12	310	M	M	6		17	220

```
29  73  61  67  -8   0   2 0.00  0.0    0  5.6 15 190   M    M   4         M  M
30  74  58  66  -9   0   1 0.00  0.0    0  4.9 14 200   M    M   1        17 200
31  81  59  70  -5   0   5 0.00  0.0    0  4.4 12 320   M    M   0         M  M
==================================================================================
SM 2529 1911         0 211  0.00     0.0 151.7          M       61
==================================================================================
AV 81.6 61.6                                 4.9 FASTST   M    M   2    MAX(MPH)
                                   MISC ----> # 15 320                # 25  150
==================================================================================
NOTES:
# LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

                                          STATION:  LONG BEACH AIRPORT CA
                                          MONTH:    AUGUST
                                          YEAR:     2010
                                          LATITUDE:   33 49 N
                                          LONGITUDE: 118  9 W

[TEMPERATURE DATA]       [PRECIPITATION DATA]       SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY: 71.6   TOTAL FOR MONTH:   0.00    1 = FOG OR MIST
DPTR FM NORMAL:  -3.5   DPTR FM NORMAL:   -0.10    2 = FOG REDUCING VISIBILITY
HIGHEST:     96 ON 18   GRTST 24HR  0.00 ON 31-31      TO 1/4 MILE OR LESS
LOWEST:      58 ON 30,15                           3 = THUNDER
                        SNOW, ICE PELLETS, HAIL    4 = ICE PELLETS
                        TOTAL MONTH:   0.0 INCH    5 = HAIL
                        GRTST 24HR     0.0         6 = FREEZING RAIN OR DRIZZLE
                        GRTST DEPTH:   0           7 = DUSTSTORM OR SANDSTORM:
                                                       VSBY 1/2 MILE OR LESS
                                                   8 = SMOKE OR HAZE
[NO. OF DAYS WITH]       [WEATHER - DAYS WITH]     9 = BLOWING SNOW
                                                   X = TORNADO
MAX 32 OR BELOW:   0     0.01 INCH OR MORE:   0
MAX 90 OR ABOVE:   6     0.10 INCH OR MORE:   0
MIN 32 OR BELOW:   0     0.50 INCH OR MORE:   0
MIN  0 OR BELOW:   0     1.00 INCH OR MORE:   0

[HDD (BASE 65) ]
TOTAL THIS MO.     0     CLEAR  (SCALE 0-3)  21
DPTR FM NORMAL     0     PTCLDY (SCALE 4-7)  10
TOTAL FM JUL 1     1     CLOUDY (SCALE 8-10)  0
DPTR FM NORMAL     1

[CDD (BASE 65) ]
TOTAL THIS MO.   211
DPTR FM NORMAL   -91     [PRESSURE DATA]
TOTAL FM JAN 1   452     HIGHEST SLP M ON M
DPTR FM NORMAL  -346     LOWEST  SLP 29.13 ON 31

[REMARKS]
#FINAL-08-10#
```

Long Beach Airport
Precipitation Data (October 2009 - September 2010)



Souce: National Weather Service:
http://www.cnrfc.noaa.gov/monthly_precip_2010.php



Source: http://dpw.lacounty.gov/wrd/barriers/files/ABP_FY09-10_Annual_JMC_Report.pdf

Alamitos Barrier Project

R Zone Groundwater Elevation (ft) Contours March 2010

A-1.1

R zone GW.srf

APPENDIX I

INJECTION VOLUMES AND PARAMETER DATA

Injection Summary - Source Area Treatment (SATG)

	Date	Total EVO Injected (Gal)	Total Groundwater Injected (Gal)	Total Volume Injected (Gal)	Combined Injection Rate per Well Group (gpm)	Average Injection Rate per well screened interval (gpm)
Wednesday	5/26/2010	279	27,508	27,787	72	7.2
Thursday	5/27/2010	426	41,882	42,308	67	6.7
Friday	5/28/2010	387	38,097	38,484	71	7.1
Monday	5/31/2010					
Tuesday	6/1/2010	409	40,252	40,661	64	6.4
Wednesday	6/2/2010	333	32,805	33,138	58	5.8
Thursday	6/3/2010	38	3,714	3,752	18	1.8
Friday	6/4/2010	98	9,662	9,760	66	6.6
Monday	6/7/2010	370	36,400	36,770	64	6.4
Tuesday	6/8/2010	88	8,671	8,759	50	5.0
Wednesday	6/9/2010	409	40,257	40,666	63	6.3
Thursday	6/10/2010	425	41,858	42,283	71	7.1
Friday	6/11/2010	428	42,150	42,578	71	7.1
Monday	6/14/2010	387	38,125	38,512	63	6.3
Tuesday	6/15/2010	134	13,198	13,332	58	5.8
Wednesday	6/16/2010					
Thursday	6/17/2010	209	20,550	20,759	63	6.3
Friday	6/18/2010	259	25,512	25,771	72	7.2
Monday	6/21/2010					
Tuesday	6/22/2010	413	40,606	41,019	81	9.0
Wednesday	6/23/2010	475	46,799	47,274	78	8.6
Thursday	6/24/2010	499	49,097	49,596	79	8.8
Friday	6/25/2010	298	29,330	29,628	79	8.7
Monday	6/28/2010					
Tuesday	6/29/2010	261	25,656	25,917	76	8.5
Wednesday	6/30/2010	161	15,799	15,960	73	8.1
Thursday	7/1/2010	414	40,713	41,127	67	6.7
Friday	7/2/2010	364	35,793	36,157	66	6.6
Monday	7/5/2010					
Tuesday	7/6/2010	388	38,173	38,561	67	6.7
Wednesday	7/7/2010	410	40,359	40,769	68	6.8
Thursday	7/8/2010	297	29,219	29,516	63	6.3
Friday	7/9/2010					
Monday	7/12/2010	325	31,994	32,319	65	6.5
Tuesday	7/13/2010	255	25,123	25,378	150	7.5
Wednesday	7/14/2010	533	52,490	53,023	85	8.5
Thursday	7/15/2010	523	51,469	51,992	84	8.4
Friday	7/16/2010	522	51,375	51,897	86	8.6
Monday	7/19/2010	182	17,869	18,051	87	8.7
Tuesday	7/20/2010					
Wednesday	7/21/2010	277	27,242	27,519	80	8.0
Thursday	7/22/2010	301	29,592	29,893	142	7.9
Friday	7/23/2010	390	38,379	38,769	57	7.1
Monday	7/26/2010	252	24,814	25,066	35	4.4
Tuesday	7/27/2010	235	23,159	23,394	33	4.1
Wednesday	7/28/2010	224	22,006	22,230	31	3.9
Thursday	7/29/2010	224	22,067	22,291	32	3.9
Friday	7/30/2010	63	6,209	6,272	28	3.5
Monday	8/2/2010	154	15,137	15,291	38	4.8
Tuesday	8/3/2010	221	21,712	21,933	40	4.9
Wednesday	8/4/2010	-	-	-	-	0.0
	Totals	13,338	1,312,824	1,326,162	67.1	6.7

Well ID	Total Amended Well Volume	46% EVO Volume (gal)	Groundwater Volume (gal)	Screen Interval	Screen Length	EVO Solution 80% Volume (gal)	Injected 80% Volume (gal)	Anaerobic Water (gal)	KB-1 (liters)	EVO Solution 20% Volume (gal)	Injected 20% Volume (gal)
IW-70-SAT01	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT02	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT03	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT04	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT05	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT06	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT07	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT08	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT09	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT10	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT11	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT12	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT13	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT14	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT15	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT16	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT17	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT18	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT19	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT20	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT21	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT22	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT23	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT24	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT25	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT26	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT27	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT28	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT29	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT30	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT31	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT32	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT33	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT34	23,266	234	23,032	25'-55'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT35	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT36	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT37	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT38	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT39	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT40	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT41	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT42	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT43	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT44	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT45	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT46	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT47	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT48	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT49	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT50	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT51	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT52	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT53	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT54	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT55	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT56	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
IW-70-SAT57	23,266	234	23,032	27'-57'	30'	18,613	18,613	400	3	4,653	4,653
Totals	1,326,162	13,338	1,312,824			1,060,930	1,060,941	22,800	171	265,232	265,221
							(11)	Gal Remaining			11

Keg #1:	56.2
Less Keg wt.	18
Keg #2:	3.12
Less Keg wt.	
Keg #3:	
Less Keg wt.	

REMEDIATION COMPOUND MASS BALANCE TRACKING

	Container Number	Date Filled	Time Filled	Oil Tank Fill Volume (gal)	
FSB-2 Tanker #4	1	5/26/10	8:00 AM	250	*Vironex Tote*
FSB-2 Tanker #4	2	5/26/10	8:00 AM	250	*Vironex Tote*
FSB-2 Tanker #4	3	5/27/10	6:15 AM	200	*Vironex Tote*
FSB-2 Tanker #4	4	5/27/10	10:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	5	5/27/10	2:00 PM	200	*Vironex Tote*
FSB-2 Tanker #4	6	5/28/10	9:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	7	6/1/10	6:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	8	6/1/10	10:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	9	6/1/10	2:00 PM	200	*Vironex Tote*
FSB-2 Tanker #4	10	6/2/10	7:30 AM	125	*Vironex Tote*
SATG Tanker #1	11	6/2/10	1:00 PM	200	*Vironex Tote*
SATG Tanker #1	12	6/4/10	12:30 PM	200	*Vironex Tote*
SATG Tanker #1	13	6/7/10	11:00 AM	200	*Vironex Tote*
SATG Tanker #1	14	6/8/10	12:00 PM	200	*Vironex Tote*
SATG Tanker #1	15	6/9/10	8:30 AM	200	*Vironex Tote*
SATG Tanker #1	16	6/9/10	3:00 PM	200	*Vironex Tote*
SATG Tanker #1	17	6/10/10	8:45 AM	200	*Vironex Tote*
SATG Tanker #1	18	6/10/10	1:00 PM	200	*Vironex Tote*
SATG Tanker #1	19	6/11/10	6:45 AM	200	*Vironex Tote*
SATG Tanker #1	20	6/11/10	11:45 AM	200	*Vironex Tote*
SATG Tanker #1	21	6/14/10	6:30 AM	200	*Vironex Tote*
SATG Tanker #1	22	6/14/10	11:00 AM	200	*Vironex Tote*
SATG Tanker #1	23	6/17/10	7:00 AM	200	*Vironex Tote*
SATG Tanker #1	24	6/18/10	6:15 AM	200	*Vironex Tote*
SATG Tanker #1	25	6/22/10	7:45 AM	200	*Vironex Tote*
SATG Tanker #1	26	6/22/10	9:15 AM	200	*Vironex Tote*
SATG Tanker #1	27	6/22/10	1:30 PM	200	*Vironex Tote*
SATG Tanker #1	28	6/23/10	8:00 AM	200	*Vironex Tote*
SATG Tanker #1	29	6/23/10	12:30 PM	200	*Vironex Tote*
SATG Tanker #1	30	6/23/10	3:45 PM	200	*Vironex Tote*
SATG Tanker #1	31	6/24/10	9:30 AM	200	*Vironex Tote*
SATG Tanker #1	32	6/24/10	1:15 PM	200	*Vironex Tote*

* Per Bill Newman - a full Agmark Tanker is typically filled

FSB-1 Tanker #4 - this Agmark Tanker was filled with ~47,000 lbs of 42.5% EVO,

3/4/2010	Arrival Date
6/2/2010	Empty Date
344	Days Aging
47,000	Starting EVO Pounds (from shipment records)
1,947	Starting EVO Gallons (lbs / 8.25)
2,025	Physical Gal Removed (estimated) => Adjust F
0	Remaining Gal (estimated)
0	Remaining Lbs (estimated)

SATG Tanker #1 - this Agmark Tanker was filled with ~47,280 lbs of 42.5% EVO,

6/2/2010	Arrival Date
7/6/2010	Empty Date
254	Days Aging
47,280	Starting EVO Pounds (from shipment records)
5,731	Starting EVO Gallons (lbs / 8.25)
5,740	Physical Gal Removed (estimated) => Adjust F
0	Remaining Gal (estimated)
0	Remaining Lbs (estimated)

SATG Tanker #2 - this Agmark Tanker was filled with ~47,280 lbs of 42.5% EVO,

7/6/2010	Arrival Date
7/30/2010	Empty Date
220	Days Aging
47,280	Starting EVO Pounds (from shipment records)
5,731	Starting EVO Gallons (lbs / 8.25)
5,575	Physical Gal Removed (estimated) => Adjust F
0	Remaining Gal (estimated)
0	Remaining Lbs (estimated)

Manifold Number 1

Injection Scope: Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT03		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	5	7.8	13.8	1361	1375	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	5	7	48.5	4775	4824	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	3	4.4	31.9	3137	3169	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	3	4.4	31.4	3095	3126	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	3	3.7	26.3	2589	2615	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	3	3.8	27.2	2675	2702	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:35 AM	3	3.8	8.1	794	802	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)

					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	5	5.9	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:40 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.8	19.2	1893	1912	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	1:45 PM	0	5	27.6	2713	2,741	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope: Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT07		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.3	13.2	1302	1315	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7.1	48.7	4789	4838	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.4	31.9	3139	3171	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	4.1	28.3	2784	2812	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	3.9	27.9	2743	2771	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	0	4	28.3	2788	2816	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:50 AM	0	3.9	9.0	881	890	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:30 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.7	19.1	1884	1903	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	2:00 PM	0	4.9	27.7	2722	2,750	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT10		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.7	14.0	1379	1393	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7.1	48.6	4782	4831	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.2	30.2	2972	3002	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	4	28.8	2834	2863	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	3.9	28.1	2765	2793	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	0	3.9	28.2	2779	2807	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:45 AM	0	4.1	9.3	915	924	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6.1	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:29 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.7	18.9	1863	1882	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	3:00 PM	0	4.7	27.9	2743	2,771	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0		
									4653	0

Manifold Number 1

Injection Scope Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT11		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.3	13.3	1311	1324	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7	48.4	4766	4814	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.4	31.7	3124	3156	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	3.9	27.7	2725	2753	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	4	28.7	2824	2853	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	0	4	28.3	2783	2811	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:45 AM	0	4	9.1	893	902	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)

					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:35 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.6	18.6	1834	1853	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	3:30 PM	0	4.7	28.2	2772	2,800	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT16		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.7	14.1	1391	1405	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7	48.4	4764	4812	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.5	33.0	3245	3278	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	4.6	33.5	3294	3327	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	4.2	29.8	2934	2964	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	4:10 PM	0	4	28.4	2799	2827	50 gallon flush at end of day.
	Fri	7/30/2010			0	0	0.0	0	0	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:42 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.8	19.5	1922	1942	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	1:05 PM	0	5	27.3	2684	2,711	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope: Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT17		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.3	13.5	1325	1338	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7.2	49.5	4876	4926	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.2	30.0	2952	2982	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	4	28.1	2770	2798	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	4	28.8	2835	2864	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	0	4	28.2	2778	2806	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:45 AM	0	4.2	9.0	890	899	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6.1	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:39 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.8	19.5	1919	1939	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	1:15 PM	0	5	27.3	2687	2,714	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope: Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT18		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	4	7.5	13.8	1360	1374	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	4	7	48.7	4792	4841	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	3	4.3	30.9	3043	3074	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	3	4.1	29.3	2881	2910	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	3	3.9	27.4	2699	2726	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	3	3.9	28.1	2765	2793	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:45 AM	3	4.2	9.0	886	895	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)

					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6.1	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:37 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.9	19.8	1945	1965	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	12:30 PM	0	5.2	27.0	2661	2,688	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Manifold Number 1

Injection Scope Source Area Treatment Grid (SATG) - Inject groundwater and EVO into 57 wells, an average total EVO mixture of 23,266 gal + 400 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SAT19		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	7/22/2010	1:55 PM	5:00 PM	0	7.2	13.7	1344	1358	50 gallon flush at end of day.
	Fri	7/23/2010	5:00 AM	4:30 PM	0	7.1	49.1	4834	4883	250 gallon flush at end of day.
	Mon	7/26/2010	5:00 AM	5:00 PM	0	4.5	32.5	3201	3234	50 gallon flush at end of day.
	Tues	7/27/2010	5:00 AM	5:00 PM	0	4	28.2	2777	2805	50 gallon flush at end of day.
	Wed	7/28/2010	5:00 AM	5:00 PM	0	3.7	26.6	2617	2644	50 gallon flush at end of day.
	Thurs	7/29/2010	5:00 AM	5:00 PM	0	3.9	27.4	2702	2729	50 gallon flush at end of day.
	Fri	7/30/2010	5:00 AM	8:45 AM	0	4.1	9.7	950	960	250 gallon flush at end of day.
	Mon				0	0	0.0	0	0	
	Tues				0	0	0.0	0	0	
	Wed				0	0	0.0	0	0	
	Thurs				0	0	0.0	0	0	
	Fri				0	0	0.0	0	0	
									18613	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	8/2/2010	8:25 AM	10:20 AM	0	6.2	25' - 55'	3.00	400	Single Screen Well - 200 gal of Anoxic Water followed with specified volume of KB-1 followed with 200 gal Anoxic Water. KB1 was introduced at @ 9:33 AM
20% Volume	Mon	8/2/2010	10:20 AM	5:00 PM	0	4.7	19.1	1876	1895	50 gallon flush at end of day.
	Tues	8/3/2010	5:00 AM	2:30 PM	0	5	27.7	2730	2,758	250 gallon flush at end of day.
	Wed	8/4/2010			0	0	0.0	0	0	
									4653	0

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT04	7/22/2010	1:55 PM	5:00 PM	10.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	9.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	5.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	5.0	Extraction pump cycling on and off.
	8/4/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT06	7/22/2010	1:55 PM	5:00 PM	3.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	3.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	3.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	3.0	Extraction pump cycling on and off.
	8/4/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT12	7/22/2010	1:55 PM	5:00 PM	10.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	9.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	4.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	4.0	Extraction pump cycling on and off.
	8/4/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT13	7/22/2010	1:55 PM	5:00 PM	10.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	9.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	4.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	4.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	4.0	Extraction pump cycling on and off.
	8/4/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT14	7/22/2010	1:55 PM	5:00 PM	5.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	5.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	3.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	3.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	3.0	Extraction pump cycling on and off.
	8/4/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SAT15	7/22/2010	1:55 PM	5:00 PM	5.0	Finalized Set-up and perfomed water injection testing. Pump set at 45'
Section 3	7/23/2010	5:00 AM	4:30 PM	5.0	
Group 1 Well	7/26/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/27/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/28/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/29/2010	5:00 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	7/30/2010	5:00 AM	9:00 AM	5.0	Extraction pump cycling on and off.
	8/2/2010	10:20 AM	5:00 PM	5.0	Extraction pump cycling on and off.
	8/3/2010	5:00 AM	3:30 PM	5.0	Extraction pump cycling on and off.
	8/4/2010				

EVO / GROUNDWATER METERING (5 - 100 gpm)

Multiplier	Gal/Point	Liquid Name
0.9899211	53,265	Groundwater
0.0100788	542.32	Newman Zone (EVO)

Second Sand Biobarrier

53,807.6 1% EVO Volume/Well

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
5	=	4.95	+	0.05
6	=	5.94	+	0.06
7	=	6.93	+	0.07
8	=	7.92	+	0.08
9	=	8.91	+	0.09
10	=	9.90	+	0.10
11	=	10.89	+	0.11
12	=	11.88	+	0.12
13	=	12.87	+	0.13
14	=	13.86	+	0.14
15	=	14.85	+	0.15
16	=	15.84	+	0.16
17	=	16.83	+	0.17
18	=	17.82	+	0.18
19	=	18.81	+	0.19
20	=	19.80	+	0.20
21	=	20.79	+	0.21
22	=	21.78	+	0.22
23	=	22.77	+	0.23
24	=	23.76	+	0.24
25	=	24.75	+	0.25
26	=	25.74	+	0.26
27	=	26.73	+	0.27
28	=	27.72	+	0.28
29	=	28.71	+	0.29
30	=	29.70	+	0.30
31	=	30.69	+	0.31
32	=	31.68	+	0.32
33	=	32.67	+	0.33
34	=	33.66	+	0.34
35	=	34.65	+	0.35
36	=	35.64	+	0.36
37	=	36.63	+	0.37
38	=	37.62	+	0.38
39	=	38.61	+	0.39
40	=	39.60	+	0.40
41	=	40.59	+	0.41
42	=	41.58	+	0.42
43	=	42.57	+	0.43
44	=	43.56	+	0.44
45	=	44.55	+	0.45
46	=	45.54	+	0.46
47	=	46.53	+	0.47
48	=	47.52	+	0.48
49	=	48.51	+	0.49
50	=	49.50	+	0.50

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
51	=	50.49	+	0.51
52	=	51.48	+	0.52
53	=	52.47	+	0.53
54	=	53.46	+	0.54
55	=	54.45	+	0.55
56	=	55.44	+	0.56
57	=	56.43	+	0.57
58	=	57.42	+	0.58
59	=	58.41	+	0.59
60	=	59.40	+	0.60
61	=	60.39	+	0.61
62	=	61.38	+	0.62
63	=	62.37	+	0.63
64	=	63.35	+	0.65
65	=	64.34	+	0.66
66	=	65.33	+	0.67
67	=	66.32	+	0.68
68	=	67.31	+	0.69
69	=	68.30	+	0.70
70	=	69.29	+	0.71
71	=	70.28	+	0.72
72	=	71.27	+	0.73
73	=	72.26	+	0.74
74	=	73.25	+	0.75
75	=	74.24	+	0.76
76	=	75.23	+	0.77
77	=	76.22	+	0.78
78	=	77.21	+	0.79
79	=	78.20	+	0.80
80	=	79.19	+	0.81
81	=	80.18	+	0.82
82	=	81.17	+	0.83
83	=	82.16	+	0.84
84	=	83.15	+	0.85
85	=	84.14	+	0.86
86	=	85.13	+	0.87
87	=	86.12	+	0.88
88	=	87.11	+	0.89
89	=	88.10	+	0.90
90	=	89.09	+	0.91
91	=	90.08	+	0.92
92	=	91.07	+	0.93
93	=	92.06	+	0.94
94	=	93.05	+	0.95
95	=	94.04	+	0.96
96	=	95.03	+	0.97
97	=	96.02	+	0.98
98	=	97.01	+	0.99
99	=	98.00	+	1.00
100	=	98.99	+	1.01

EVO / GROUNDWATER METERING (101 - 200 gpm)

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
101	=	99.98	+	1.02
102	=	100.97	+	1.03
103	=	101.96	+	1.04
104	=	102.95	+	1.05
105	=	103.94	+	1.06
106	=	104.93	+	1.07
107	=	105.92	+	1.08
108	=	106.91	+	1.09
109	=	107.90	+	1.10
110	=	108.89	+	1.11
111	=	109.88	+	1.12
112	=	110.87	+	1.13
113	=	111.86	+	1.14
114	=	112.85	+	1.15
115	=	113.84	+	1.16
116	=	114.83	+	1.17
117	=	115.82	+	1.18
118	=	116.81	+	1.19
119	=	117.80	+	1.20
120	=	118.79	+	1.21
121	=	119.78	+	1.22
122	=	120.77	+	1.23
123	=	121.76	+	1.24
124	=	122.75	+	1.25
125	=	123.74	+	1.26
126	=	124.73	+	1.27
127	=	125.72	+	1.28
128	=	126.71	+	1.29
129	=	127.70	+	1.30
130	=	128.69	+	1.31
131	=	129.68	+	1.32
132	=	130.67	+	1.33
133	=	131.66	+	1.34
134	=	132.65	+	1.35
135	=	133.64	+	1.36
136	=	134.63	+	1.37
137	=	135.62	+	1.38
138	=	136.61	+	1.39
139	=	137.60	+	1.40
140	=	138.59	+	1.41
141	=	139.58	+	1.42
142	=	140.57	+	1.43
143	=	141.56	+	1.44
144	=	142.55	+	1.45
145	=	143.54	+	1.46
146	=	144.53	+	1.47
147	=	145.52	+	1.48
148	=	146.51	+	1.49
149	=	147.50	+	1.50
150	=	148.49	+	1.51

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
151	=	149.48	+	1.52
152	=	150.47	+	1.53
153	=	151.46	+	1.54
154	=	152.45	+	1.55
155	=	153.44	+	1.56
156	=	154.43	+	1.57
157	=	155.42	+	1.58
158	=	156.41	+	1.59
159	=	157.40	+	1.60
160	=	158.39	+	1.61
161	=	159.38	+	1.62
162	=	160.37	+	1.63
163	=	161.36	+	1.64
164	=	162.35	+	1.65
165	=	163.34	+	1.66
166	=	164.33	+	1.67
167	=	165.32	+	1.68
168	=	166.31	+	1.69
169	=	167.30	+	1.70
170	=	168.29	+	1.71
171	=	169.28	+	1.72
172	=	170.27	+	1.73
173	=	171.26	+	1.74
174	=	172.25	+	1.75
175	=	173.24	+	1.76
176	=	174.23	+	1.77
177	=	175.22	+	1.78
178	=	176.21	+	1.79
179	=	177.20	+	1.80
180	=	178.19	+	1.81
181	=	179.18	+	1.82
182	=	180.17	+	1.83
183	=	181.16	+	1.84
184	=	182.15	+	1.85
185	=	183.14	+	1.86
186	=	184.13	+	1.87
187	=	185.12	+	1.88
188	=	186.11	+	1.89
189	=	187.10	+	1.90
190	=	188.09	+	1.91
191	=	189.07	+	1.93
192	=	190.06	+	1.94
193	=	191.05	+	1.95
194	=	192.04	+	1.96
195	=	193.03	+	1.97
196	=	194.02	+	1.98
197	=	195.01	+	1.99
198	=	196.00	+	2.00
199	=	196.99	+	2.01
200	=	197.98	+	2.02

Injection Summary - First Sand Biobarrier (FSB-1)

	Date	Total EVO Injected (Gal)	Total Groundwater Injected (Gal)	Total Volume Injected (Gal)	Combined Injection Rate per Well Group (gpm)	Average Injection Rate per Well (gpm)
Monday	12/7/2009					
Tuesday	12/8/2009	228	22,406	22,634	77	9.7
Wednesday	12/9/2009	503	49,548	50,051	87	9.6
Thursday	12/10/2009	548	53,979	54,527	86	9.5
Friday	12/11/2009	504	49,649	50,153	82	9.1
Monday	12/14/2009	493	48,555	49,048	81	8.9
Tuesday	12/15/2009	581	57,232	57,813	86	9.5
Wednesday	12/16/2009	422	41,611	42,033	86	9.5
Thursday	12/17/2009	146	14,353	14,499	25	8.3
Friday	12/18/2009			-		
Monday	12/21/2009	637	62,708	63,345	89	9.9
Tuesday	12/22/2009	220	21,620	21,840	89	9.9
Wednesday	12/23/2009	488	48,003	48,490	98	10.9
Thursday	12/24/2009					
Friday	12/25/2009					
Monday	12/28/2009	598	58,941	59,539	89	9.9
Tuesday	12/29/2009	627	61,789	62,416	90	10.0
Wednesday	12/30/2009	509	50,089	50,598	90	10.0
Thursday	12/31/2009					
Friday	1/1/2010					
Monday	1/4/2010	493	48,594	49,087	78	8.7
Tuesday	1/5/2010	457	45,020	45,477	69	7.6
Wednesday	1/6/2010	252	24,868	25,120	70	7.7
Thursday	1/7/2010					
Friday	1/8/2010	138	13,627	13,765	90	9.9
Monday	1/11/2010	565	55,600	56,165	83	9
Tuesday	1/12/2010	289	27,056	27,346	98	11
Wednesday	1/13/2010	656	64,648	65,304	99	10
Thursday	1/14/2010	663	65,249	65,912	100	10
Friday	1/15/2010	741	72,950	73,691	104	10
Monday	1/18/2010	649	63,904	64,553	100	10
Tuesday	1/19/2010	618	60,883	61,501	100	10
Wednesday	1/20/2010	263	25,854	26,117	101	10
Thursday	1/21/2010					
Friday	1/22/2010					
Monday	1/25/2010			-		
Tuesday	1/26/2010	639	62,913	63,552	95	10
Wednesday	1/27/2010	386	37,975	38,361	96	10
Thursday	1/28/2010	269	26,515	26,784	60	7
Friday	1/29/2010	380	37,376	37,756	59	7
Monday	2/1/2010	416	40,995	41,411	59	7
Tuesday	2/2/2010	386	38,027	38,413	59	7
Wednesday	2/3/2010	416	41,007	41,423	59	7
Thursday	2/4/2010	407	40,049	40,456	58	7
Friday	2/5/2010	403	39,675	40,078	58	7
Monday	2/8/2010	347	34,184	34,531	54	7
Tuesday	2/9/2010	43	4,204	4,247	53	7
Wednesday	2/10/2010	183	18,060	18,243	54	7
Thursday	2/11/2010	371	36,501	36,872	54	7
Friday	2/12/2010	207	20,398	20,605	53	7
	Totals	17,140	1,686,616	1,703,756	77.8	8.8

16 Balance Remaining (gal) 42 Current Field Days <= expand ra

Injection Well Summary
First Sand Biobarrier (FSB-1)

Well ID	Total Amended Well Volume	46% EVO Volume (gal)	Groundwater Volume (gal)	Screen Interval	Screen Length	EVO Solution 80% Volume (gal)	Injected 80% Volume (gal)	Anaerobic Water (gal)	KB-1 (liters)	EVO Solution 20% Volume (gal)	Injected 20% Volume (gal)	Injected Total Well Volume (gal)
IW-70-FSB101	47,327	475.7	46,851	60.5' - 105.5'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB102	47,327	475.7	46,851	61' - 106'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB103	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB104	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB105	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB106	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB107	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB108	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB109	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB110	47,327	475.7	46,851	59' - 104'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB111	47,327	475.7	46,851	60.7' - 105.7'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB112	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB113	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB114	94,654	951.4	93,703	60' - 105'	45	75,723	75,723	640	3.0	18,931	18,931	94,654
IW-70-FSB115	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB116	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB117	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
RDO-3B	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB118	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB119	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB120	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB121	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
RDO-2	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB122	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB123	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB124	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB125	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB126	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB127	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB128	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB129	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
RDO-1	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB130	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB131	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
IW-70-FSB132	47,327	475.7	46,851	60' - 105'	45	37,862	37,862	640	3.0	9,465	9,465	47,327
Totals	1,703,772	17,126	1,686,646			1,363,018	1,363,031	22,400	105	340,754	340,741	1,703,772
						Remaining Balance	(13)			Remaining Balance	13	

Inject	Extract	Extract	Total Volume	Group EVO	Group GW	80%	20%	Expected Injection Rate/Well (gpm)
Group 1 (9)	Group 4 (7)	Group 2 (2)	378,616	3,806	374,810	302,893	75,723	
Group 2 (9)	Group 3 (9)		425,943	4,281	421,662	340,754	85,189	
Group 3 (9)	Group 2 (9)		378,616	3,806	374,810	302,893	75,723	
Group 4 (8)	Group 1 (9)		378,616	3,806	374,810	302,893	75,723	

REMEDIATION COMPOUND MASS BALANCE TRACKING

	Container Number	Date Filled	Time Filled	Oil Tank Fill Volume (gal)	
FSB-2 Tanker #2	1	11/23/09	7:30 AM	10	*Vironex Tote*
FSB-2 Tanker #2	2	12/7/09	8:00 AM	245	*Vironex Tote*
FSB-2 Tanker #2	3	12/7/09	8:00 AM	245	*Vironex Tote*
FSB-2 Tanker #2	4	12/9/09	8:45 AM	200	*Vironex Tote*
FSB-2 Tanker #2	5	12/9/09	11:30 AM	200	*Vironex Tote*
FSB-2 Tanker #2	6	12/9/09	2:45 PM	200	*Vironex Tote*
FSB-2 Tanker #2	7	12/10/09	8:15 AM	200	*Vironex Tote*
FSB-2 Tanker #2	8	12/10/09	1:00 PM	200	*Vironex Tote*
FSB-2 Tanker #2	9	12/11/09	7:05 AM	200	*Vironex Tote*
FSB-2 Tanker #2	10	12/11/09	7:15 AM	200	*Vironex Tote*
FSB-2 Tanker #2	11	12/11/09	11:00 AM	200	*Vironex Tote*
FSB-2 Tanker #2	12	12/14/09	6:45 AM	200	*Vironex Tote*
FSB-2 Tanker #2	13	12/14/09	7:15 AM	150	*Vironex Tote*
FSB-1 Tanker #1	14	12/14/09	3:00 PM	200	*Vironex Tote*
FSB-1 Tanker #1	15	12/15/09	8:30 AM	200	*Vironex Tote*
FSB-1 Tanker #1	16	12/15/09	10:45 AM	200	*Vironex Tote*
FSB-1 Tanker #1	17	12/15/09	2:45 PM	200	*Vironex Tote*
FSB-1 Tanker #1	18	12/16/09	7:45 AM	200	*Vironex Tote*
FSB-1 Tanker #1	19	12/16/09	11:15 AM	200	*Vironex Tote*
FSB-1 Tanker #1	20	12/17/09	2:30 PM	200	*Vironex Tote*
FSB-1 Tanker #1	21	12/21/09	8:30 AM	200	*Vironex Tote*
FSB-1 Tanker #1	22	12/21/09	11:00 AM	200	*Vironex Tote*
FSB-1 Tanker #1	23	12/21/09	3:45 PM	200	*Vironex Tote*
FSB-1 Tanker #1	24	12/23/09	6:30 AM	200	*Vironex Tote*
FSB-1 Tanker #1	25	12/23/09	6:40 AM	200	*Vironex Tote*
FSB-1 Tanker #1	26	12/23/09	10:00 AM	200	*Vironex Tote*
FSB-1 Tanker #1	27	12/23/09	1:15 PM	200	*Vironex Tote*
FSB-1 Tanker #1	28	12/28/09	9:20 AM	200	*Vironex Tote*
FSB-1 Tanker #1	29	12/28/09	12:50 PM	200	*Vironex Tote*
FSB-1 Tanker #1	30	12/28/09	4:30 PM	200	*Vironex Tote*
FSB-1 Tanker #1	31	12/29/09	8:15 AM	200	*Vironex Tote*
FSB-1 Tanker #1	32	12/29/09	11:45 AM	200	*Vironex Tote*
FSB-1 Tanker #1	33	12/29/09	3:35 PM	200	*Vironex Tote*
FSB-1 Tanker #1	34	12/30/09	9:10 AM	200	*Vironex Tote*
FSB-1 Tanker #1	35	12/30/09	12:00 PM	200	*Vironex Tote*
FSB-1 Tanker #1	36	1/4/10	8:20 AM	200	*Vironex Tote*
FSB-1 Tanker #1	37	1/4/10	11:20 AM	200	*Vironex Tote*
FSB-1 Tanker #1	38	1/4/10	3:45 PM	200	*Vironex Tote*
FSB-1 Tanker #1	39	1/5/10	9:15 AM	200	*Vironex Tote*
FSB-1 Tanker #1	40	1/5/10	2:00 PM	200	*Vironex Tote*
FSB-1 Tanker #1	41	1/6/10	8:30 AM	200	*Vironex Tote*
FSB-1 Tanker #1	42	1/6/10	1:30 PM	110	*Vironex Tote*
FSB-1 Tanker #2	43	1/11/10	9:00 AM	200	*Vironex Tote*
FSB-1 Tanker #2	44	1/11/10	10:15 AM	200	*Vironex Tote*
FSB-1 Tanker #2	45	1/11/10	2:15 PM	200	*Vironex Tote*
FSB-1 Tanker #2	46	1/12/10	1:00 PM	200	*Vironex Tote*
FSB-1 Tanker #2	47	1/13/10	6:30 AM	200	*Vironex Tote*
FSB-1 Tanker #2	48	1/13/10	8:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	49	1/13/10	11:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	50	1/13/10	3:45 PM	200	*Vironex Tote*
FSB-1 Tanker #2	51	1/14/10	8:00 AM	200	*Vironex Tote*
FSB-1 Tanker #2	52	1/14/10	12:00 PM	200	*Vironex Tote*
FSB-1 Tanker #2	53	1/14/10	2:45 PM	200	*Vironex Tote*
FSB-1 Tanker #2	54	1/15/10	5:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	55	1/15/10	9:30 AM	200	*Vironex Tote*
FSB-1 Tanker #2	56	1/15/10	12:30 PM	200	*Vironex Tote*
FSB-1 Tanker #2	57	1/15/10	3:30 PM	200	*Vironex Tote*
FSB-1 Tanker #2	58	1/18/10	7:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	59	1/18/10	1:00 PM	200	*Vironex Tote*
FSB-1 Tanker #2	60	1/18/10	3:00 PM	200	*Vironex Tote*
FSB-1 Tanker #2	61	1/19/10	7:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	62	1/19/10	10:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	63	1/19/10	2:45 PM	200	*Vironex Tote*
FSB-1 Tanker #2	64	1/20/10	9:15 AM	200	*Vironex Tote*
FSB-1 Tanker #2	65	1/26/10	6:00 AM	200	*Vironex Tote*
FSB-1 Tanker #2	66	1/26/10	10:15 AM	200	*Vironex Tote*
FSB-1 Tanker #2	67	1/26/10	12:45 PM	200	*Vironex Tote*
FSB-1 Tanker #2	68	1/27/10	5:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	69	1/27/10	8:45 AM	200	*Vironex Tote*
FSB-1 Tanker #2	70	1/28/10	9:30 AM	200	*Vironex Tote*
FSB-1 Tanker #2	71	1/28/10	1:30 PM	180	*Vironex Tote*
FSB-1 Tanker #3	72	1/29/10	8:45 AM	200	*Vironex Tote*
FSB-1 Tanker #3	73	1/29/10	3:00 PM	200	*Vironex Tote*
FSB-1 Tanker #3	74	2/1/10	8:00 AM	200	*Vironex Tote*
FSB-1 Tanker #3	75	2/1/10	3:15 PM	200	*Vironex Tote*
FSB-1 Tanker #3	76	2/2/10	7:30 AM	200	*Vironex Tote*
FSB-1 Tanker #3	77	2/2/10	2:45 PM	200	*Vironex Tote*
FSB-1 Tanker #3	78	2/3/10	8:45 AM	200	*Vironex Tote*
FSB-1 Tanker #3	79	2/3/10	3:00 PM	200	*Vironex Tote*
FSB-1 Tanker #3	80	2/4/10	9:00 AM	200	*Vironex Tote*
FSB-1 Tanker #3	81	2/4/10	3:15 PM	200	*Vironex Tote*
FSB-1 Tanker #3	82	2/5/10	6:30 AM	200	*Vironex Tote*
FSB-1 Tanker #3	83	2/5/10	2:00 PM	200	*Vironex Tote*
FSB-1 Tanker #3	84	2/8/10	9:45 AM	200	*Vironex Tote*
FSB-1 Tanker #3	85	2/8/10	12:45 PM	200	*Vironex Tote*
FSB-1 Tanker #3	86	2/10/10	2:00 PM	200	*Vironex Tote*
FSB-1 Tanker #3	87	2/11/10	8:30 AM	190	*Vironex Tote*
				0	
			Total	**17130**	

* Per Bill Newman - a full Agmark Tanker is typ

FSB-2 Tanker #2 (without Lactate) - this Agmark Ta	
11/5/2009	Arrrival Date
12/14/2009	Empty Date
463	Days Aging
18,959	Starting EVO Pounds (from shipm
2,298	Starting EVO Gallons (lbs / 8.25)
2,450	Physical Gal Removed (estimatec
-152	Remaining Gal (estimated)
-1,254	Remaining Lbs (estimated)

FSB-1 Tanker #1 (without Lactate) - this Agmark Ta	
12/14/2009	Arrrival Date
1/6/2010	Empty Date
424	Days Aging
46,360	Starting EVO Pounds (from shipm
5,619	Starting EVO Gallons (lbs / 8.25)
5,710	Physical Gal Removed (estimatec
-91	Remaining Gal (estimated)
-751	Remaining Lbs (estimated)

FSB-1 Tanker #2 (without Lactate) - this Agmark Ta	
1/11/2010	Arrrival Date
1/28/2010	Empty Date
396	Days Aging
46,880	Starting EVO Pounds (from shipm
5,682	Starting EVO Gallons (lbs / 8.25)
5,780	Physical Gal Removed (estimatec
-98	Remaining Gal (estimated)
-805	Remaining Lbs (estimated)

FSB-1 Tanker #3 (without Lactate) - this Agmark Ta	
1/28/2010	Arrrival Date
	Empty Date
379	Days Aging
46,580	Starting EVO Pounds (from shipm
5,646	Starting EVO Gallons (lbs / 8.25)
3,190	Physical Gal Removed (estimatec
2,456	Remaining Gal (estimated)
20,263	Remaining Lbs (estimated)

Total Amended Well Volume Per Well (gal)	47,327		
Total EVO Required Per Well (gal)	475.7		
Total Groundwater Water Required Per Well (gal)	46,851	475.7	← 46% Oil Gal Per Well
Total Number of Wells	36		
Total Oil Required (gal)	17,126	0.01005161641	46% Oil - Oil Multiplier
Total Water Required (gal)	1,686,646	0.98994838359	46% Oil - Water Multiplier

Oil Gal →	475.71	→
Water Gal →	46,851.29	→

Total Volume in all Agmark Tanks (gal)	19,245
Physical Inventory Removed from Agmark Tanks (gal)	17,130
Remaining Volume in Agmark Tanks (gal)	2,115

EVO Required for Barrier (gal)	17,125.7
EVO Injected to date (gal)	17,125.7
Remaining EVO needed (gal)	0.0

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB1-102	Mon	12/7/2009				Extraction wells set at 85'
	Tue	12/8/2009	11:15 AM	4:30 PM	9.0	Extraction wells tested 9:00 AM > System up and running at 11:15 AM
	Wed	12/9/2009	5:45 AM	4:30 PM	9.0	
	Thu	12/10/2009	5:30 AM	4:30 PM	9.0	
	Fri	12/11/2009	5:45 AM	4:15 PM	9.0	
	Mon	12/14/2009	5:45 AM	4:45 PM	9.0	
	Tue	12/15/2009	5:45 AM	5:15 PM	9.0	
	Wed	12/16/2009	5:30 AM	11:45 AM	9.0	Turned off due to decrease in injection wells.
	Thu	12/17/2009				
	Fri	12/18/2009				
	Mon	12/21/2009	5:00 AM	5:00 PM	9.0	
	Tue	12/22/2009	5:30 AM	11:30 AM	9.0	Move to group #2
	Wed	12/23/2009				
	Thu	12/24/2009				Christmas Eve
	Fri	12/25/2009				Christmas Day
	Mon	12/28/2009				
	Tue	12/29/2009				
	Wed	12/30/2009				
	Thu	12/31/2009				New Years Eve
	Fri	1/1/2010				New Years Day
IW-70-FSB1-104	Mon	12/7/2009				Extraction wells set at 85'
	Tue	12/8/2009	11:15 AM	4:30 PM	7.0	Extraction wells tested 9:00 AM > System up and running at 11:15 AM
	Wed	12/9/2009	5:45 AM	4:30 PM	7.0	
	Thu	12/10/2009	5:30 AM	4:30 PM	7.0	
	Fri	12/11/2009	5:45 AM	4:15 PM	7.0	
	Mon	12/14/2009	5:45 AM	4:45 PM	7.0	
	Tue	12/15/2009	5:45 AM	5:15 PM	7.0	
	Wed	12/16/2009	5:30 AM	10:15 AM	7.0	Turned off due to decrease in injection wells.
	Thu	12/17/2009				
	Fri	12/18/2009				
	Mon	12/21/2009	5:00 AM	5:00 PM	7.0	
	Tue	12/22/2009	5:30 AM	11:30 AM		Move to group #2
	Wed	12/23/2009				
	Thu	12/24/2009				Christmas Eve
	Fri	12/25/2009				Christmas Day
	Mon	12/28/2009				
	Tue	12/29/2009				
	Wed	12/30/2009				
	Thu	12/31/2009				New Years Eve
	Fri	1/1/2010				New Years Day
IW-70-FSB1-108	Mon	12/7/2009				Extraction wells set at 85'
	Tue	12/8/2009	11:15 AM	4:30 PM	2.0	Extraction wells tested 9:00 AM > System up and running at 11:15 AM
	Wed	12/9/2009	5:45 AM	4:30 PM	2.0	
	Thu	12/10/2009	5:30 AM	4:30 PM	2.0	
	Fri	12/11/2009	5:45 AM	4:15 PM	2.0	
	Mon	12/14/2009	5:45 AM	4:45 PM	2.0	
	Tue	12/15/2009	5:45 AM	5:15 PM	2.0	
	Wed	12/16/2009	5:30 AM	11:50 AM	2.0	Turned off due to decrease in injection wells.

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB1-103	Mor					
	Tue					
	Wed	12/23/2009	5:00 AM	2:00 PM		
	Thu	12/24/2009				Christmas Eve
	Fri	12/25/2009				Christmas Day
	Mor	12/28/2009	5:30 AM	4:45 PM	17.0	
	Tue	12/29/2009	4:45 AM	4:45 PM	17.0	
	Wed	12/30/2009	5:00 AM	2:30 PM	17.0	
	Thu	12/31/2009				New Years Eve
	Fri	1/1/2010				New Years Day
	Mor	1/4/2010	5:30 AM	4:45 PM	17.0	
	Tue	1/5/2010	5:45 AM	4:45 PM	17.0	
	Wed	1/6/2010	5:45 AM	12:35 PM	17.0	
	Thu	1/7/2010				
	Fri	1/8/2010	1:40 PM	4:15 PM	17.0	
	Mor	1/11/2010	5:30 AM	4:45 PM	17.0	
	Tue	1/12/2010	5:45 AM	8:30 AM	17.0	Group #2 complete
	Wed	1/13/2010				
	Thu	1/14/2010				
	Fri	1/15/2010				
IW-70-FSB1-107	Mor					
	Tue					
	Wed	12/23/2009	5:00 AM	2:00 PM		
	Thu	12/24/2009				Christmas Eve
	Fri	12/25/2009				Christmas Day
	Mor	12/28/2009	5:30 AM	4:45 PM	11.0	
	Tue	12/29/2009	4:45 AM	4:45 PM	11.0	
	Wed	12/30/2009	5:00 AM	2:30 PM	11.0	
	Thu	12/31/2009				New Years Eve
	Fri	1/1/2010				New Years Day
	Mor	1/4/2010	5:30 AM	4:45 PM	11.0	
	Tue	1/5/2010	5:45 AM	4:45 PM	11.0	
	Wed	1/6/2010	5:45 AM	12:35 PM	11.0	
	Thu	1/7/2010				
	Fri	1/8/2010	1:40 PM	4:15 PM	11.0	
	Mor	1/11/2010	5:30 AM	4:45 PM	11.0	
	Tue	1/12/2010	5:45 AM	8:30 AM	11.0	Group #2 complete
	Wed	1/13/2010				
	Thu	1/14/2010				
	Fri	1/15/2010				
IW-70-FSB1-111	Mor					
	Tue					
	Wed	12/23/2009	5:00 AM	2:00 PM		
	Thu	12/24/2009				Christmas Eve
	Fri	12/25/2009				Christmas Day
	Mor	12/28/2009	5:30 AM	4:45 PM	8.0	
	Tue	12/29/2009	4:45 AM	4:45 PM	8.0	
	Wed	12/30/2009	5:00 AM	2:30 PM	8.0	

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB1-02	Tue	1/12/2009	12:30 PM	2:45 PM	10.0	
	Wed	1/13/2009	5:45 AM	4:45 PM	10.0	
	Thu	1/14/2009	5:45 AM	4:45 PM	10.0	
	Fri	1/15/2009	4:45 AM	4:30 PM	10.0	
	Mon	1/18/2009	5:45 AM	4:45 PM	10.0	
	Tue	1/19/2009	6:00 AM	4:45 PM	10.0	
	Wed	1/20/2009	6:00 AM	11:00 AM	10.0	
	Thu	1/21/2009				
	Fri	1/22/2009				
	Mon	1/25/2009				
	Tue	1/26/2009	5:30 AM	4:45 PM	10.0	
	Wed	1/27/2009	5:30 AM	11:40 AM	10.0	
	Thu	1/28/2009				
	Fri	1/29/2009				
	Mon	2/1/2009				
	Tue	2/2/2009				
	Wed	2/3/2009				
	Thu	2/4/2009				
	Fri	2/5/2009				
	Mon					
IW-70-FSB1-04	Tue	1/12/2009	12:30 PM	2:45 PM	14.0	
	Wed	1/13/2009	5:45 AM	4:45 PM	14.0	
	Thu	1/14/2009	5:45 AM	4:45 PM	14.0	
	Fri	1/15/2009	4:45 AM	4:30 PM	14.0	
	Mon	1/18/2009	5:45 AM	4:45 PM	14.0	
	Tue	1/19/2009	6:00 AM	4:45 PM	14.0	
	Wed	1/20/2009	6:00 AM	11:00 AM	14.0	
	Thu	1/21/2009				
	Fri	1/22/2009				
	Mon	1/25/2009				
	Tue	1/26/2009	5:30 AM	4:45 PM	14.0	
	Wed	1/27/2009	5:30 AM	11:40 AM	14.0	
	Thu	1/28/2009				
	Fri	1/29/2009				
	Mon	2/1/2009				
	Tue	2/2/2009				
	Wed	2/3/2009				
	Thu	2/4/2009				
	Fri	2/5/2009				
	Mon					
IW-70-FSB1-08	Tue	1/12/2009	12:30 PM	2:45 PM	4.0	
	Wed	1/13/2009	5:45 AM	4:45 PM	4.0	
	Thu	1/14/2009	5:45 AM	4:45 PM	4.0	
	Fri	1/15/2009	4:45 AM	4:30 PM	4.0	
	Mon	1/18/2009	5:45 AM	4:45 PM	4.0	
	Tue	1/19/2009	6:00 AM	4:45 PM	4.0	
	Wed	1/20/2009	6:00 AM	11:00 AM	4.0	
	Thu	1/21/2009				

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB1-01	Thu	1/28/2010	9:00 AM	4:45 PM	4.0	
	Fri	1/29/2010	5:30 AM	4:15 PM	4.0	
	Mor	2/1/2010	5:00 AM	4:45 PM	5.0	
	Tue	2/2/2010	4:50 AM	3:45 PM	5.0	
	Wec	2/3/2010	4:50 AM	4:45 PM	5.0	
	Thu	2/4/2010	5:00 AM	4:45 PM	5.0	
	Fri	2/5/2010	4:50 AM	4:30 PM	5.0	
	Mor	2/8/2010	4:50 AM	3:45 PM	5.0	
	Tue	2/9/2010	5:00 AM	6:40 AM	5.0	
	Wec	2/10/2010	11:05 AM	4:45 PM	5.0	
	Thu	2/11/2010	4:45 AM	4:45 PM	5.0	
	Fri	2/12/2010	4:45 AM	11:30 AM	5.0	
	Mor	2/15/2010				
	Tue	2/16/2010				
	Wec	2/17/2010				
	Thu	2/18/2010				
	Fri	2/19/2010				
	Mor					
	Tue					
	Wec					
IW-70-FSB1-05	Thu	1/28/2010	9:00 AM	4:45 PM	6.0	
	Fri	1/29/2010	5:30 AM	4:15 PM	6.0	
	Mor	2/1/2010	5:00 AM	4:45 PM	7.0	
	Tue	2/2/2010	4:50 AM	3:45 PM	7.0	
	Wec	2/3/2010	4:50 AM	4:45 PM	7.0	
	Thu	2/4/2010	5:00 AM	4:45 PM	7.0	
	Fri	2/5/2010	4:50 AM	4:30 PM	7.0	
	Mor	2/8/2010	4:50 AM	3:45 PM	7.0	
	Tue	2/9/2010	5:00 AM	6:40 AM	7.0	
	Wec	2/10/2010	11:05 AM	4:45 PM	7.0	
	Thu	2/11/2010	4:45 AM	4:45 PM	7.0	
	Fri	2/12/2010	4:45 AM	11:30 AM	7.0	
	Mor	2/15/2010				
	Tue	2/16/2010				
	Wec	2/17/2010				
	Thu	2/18/2010				
	Fri	2/19/2010				
	Mor					
	Tue					
	Wec					
IW-70-FSB1-09	Thu	1/28/2010	9:00 AM	4:45 PM	5.0	
	Fri	1/29/2010	5:30 AM	4:15 PM	5.0	
	Mor	2/1/2010	5:00 AM	4:45 PM	6.0	
	Tue	2/2/2010	4:50 AM	3:45 PM	6.0	
	Wec	2/3/2010	4:50 AM	4:45 PM	6.0	
	Thu	2/4/2010	5:00 AM	4:45 PM	6.0	
	Fri	2/5/2010	4:50 AM	4:30 PM	6.0	
	Mor	2/8/2010	4:50 AM	3:45 PM	6.0	cycles on and off

Manifold Number 1

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB101		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	12	9.9	29.3	2884	2913	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	11	10.1	61.0	6003	6064	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	12	10.1	66.9	6586	6653	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	13	10	60.9	5997	6058	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	14	9.7	59.7	5880	5940	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	18	9.8	65.5	6449	6514	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	11:45 AM	19	9.9	37.4	3683	3720	50 gallon flush at end of day
	Thurs	12/17/2009				0	0.0	0		
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:08 PM	6	5.4	60.5' - 105.5'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:50 am
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	20	9	65.8	6485	6551	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	10:40 AM	20	9	29.3	2885	2914	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB102		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	20	11.36	60.1	5910	5975	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	16	10.3	68.8	6776	6845	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	15	10.3	69.0	6797	6866	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	15	10.3	58.5	5761	5820	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	17	8.8	55.8	5496	5552	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	10	6.1	41.6	4099	4141	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:30 PM	12	7	26.8	2636	2663	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37476**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	5	4.8	61' - 106'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:16 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	20	9.9	15.5	1525	1540	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	20	9.6	64.3	6335	6399	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	20	9.4	15.3	1511	1526	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,846	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	5	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB103		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	15	10.8	14.1	1385	1399	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	15	10.1	68.8	6776	6845	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	15	10	66.5	6553	6620	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	15	10.5	75.0	7387	7462	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	15	10.2	66.3	6534	6600	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	15	10.3	63.5	6255	6319	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:15 AM	15	10.2	26.3	2591	2617	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:05 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	10	9.2	62.7	6175	6238	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:27 AM	14	9.3	32.4	3195	3227	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 2

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB104		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	8	6	30.6	3010	3041	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	10	7.4	47.5	4681	4729	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	15	7.4	52.3	5152	5204	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	20	7.3	47.8	4707	4755	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	19	7.2	52.4	5162	5214	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	20	7.2	50.7	4994	5045	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	20	7.2	49.7	4890	4940	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	20	6.8	43.8	4311	4355	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:35 AM	20	6.7	5.8	573	579	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	20	5.6	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:29am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	20	6.7	22.6	2223	2246	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	20	6.7	45.9	4519	4565	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:30 AM	20	6.6	26.7	2627	2654	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB105		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes	
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing	
	Tues	12/8/2009	11:15 AM	4:30 PM	3	9.9	29.4	2893	2922	System Test @ 9:00 AM > System up and running at 11:15 AM gallon end of day flush	50
	Wed	12/9/2009	5:45 AM	4:30 PM	3	10.2	65.5	6454	6520	50 gallon flush at end of day	
	Thurs	12/10/2009	5:30 AM	4:30 PM	4	10	65.9	6487	6553	50 gallon flush at end of day	
	Fri	12/11/2009	5:45 AM	4:15 PM	5	9.9	61.3	6042	6103	250 gallon flush at end of day	
	Mon	12/14/2009	5:45 AM	4:45 PM	2	9.3	60.7	5982	6043	50 gallon flush at end of day	
	Tue	12/15/2009	5:45 AM	5:15 PM	5	10	68.9	6787	6856	50 gallon flush at end of day	
	Wed	12/16/2009	5:30 AM	10:15 AM	6	9.9	28.8	2836	2865	50 gallon flush at end of day	
	Thurs	12/17/2009				0	0.0	0			
	Fri	12/18/2009				0	0.0	0			
	Mon	12/21/2009				0	0.0	0			
	Tues	12/22/2009				0	0.0	0			
	Wed	12/23/2009				0	0.0	0			
	Thurs	12/24/2009				0	0.0	0		Christmas Eve	
	Fri	12/25/2009				0	0.0	0		Christmas Day	
							381	**37481**	**37862**		(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal		
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:07 PM	0	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:52 am	
20% Volume	Fri	12/18/2009				0	0.0	0			
	Mon	12/21/2009	5:00 AM	5:00 PM	9	10.2	74.5	7337	7412	50 gallon flush at end of day	
	Tue	12/22/2009	5:30 AM	8:35 AM	9	10	20.6	2032	2053	250 gallon flush at end of day	
	Wed	12/23/2009				0	0.0	0			
	Thurs					0	0.0	0			
	Fri					0	0.0	0			
	Mon					0	0.0	0			
	Tue					0	0.0	0			
	Wed					0	0.0	0			
							95	**9370**	**9465**		0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB106		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	12	12.76	60.2	5925	5985	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	8	10.3	70.5	6943	7014	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	7	10.2	69.1	6808	6877	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	7	10.2	55.3	5443	5498	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	4	8.3	53.2	5244	5297	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	4	6.4	42.4	4180	4222	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:35 PM	0	7.2	29.8	2939	2969	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	0	4.9	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:20 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	10	9.9	15.6	1532	1548	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	12	9.5	64.1	6318	6382	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	10	9.4	15.4	1520	1535	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 3

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB107		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	0	11.2	14.6	1439	1454	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	10	10	67.9	6691	6759	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	10	10	67.4	6636	6703	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	10	10.6	75.1	7400	7475	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	3	10.2	66.4	6542	6608	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	6	10.2	63.3	6239	6302	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:00 AM	5	10.2	25.7	2535	2561	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:05 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	3	9.2	62.2	6125	6187	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:27 AM	7	9.3	32.9	3245	3278	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB108		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	0	5.8	31.3	3082	3113	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	0	7.5	48.2	4750	4798	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	0	7.2	50.9	5009	5060	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	0	7.4	49.0	4823	4872	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	0	7.4	51.3	5051	5102	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	0	7.2	51.0	5021	5072	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	0	7.2	50.3	4953	5003	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	0	6.7	44.0	4331	4375	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:15 AM	0	6.6	4.7	462	467	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	0	5.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:31am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	0	6.8	23.2	2288	2311	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	0	6.7	45.7	4498	4544	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:25 AM	0	6.7	26.2	2584	2610	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB109		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	2	9.8	29.4	2893	2922	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	2	10.3	61.2	6024	6085	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	3	10.2	62.9	6198	6261	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	6	9.8	60.5	5958	6019	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	4	9.3	58.0	5708	5766	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	0	10.3	70.7	6965	7036	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	11:50 AM	8	9.8	37.9	3735	3773	50 gallon flush at end of day
	Thurs	12/17/2009				0	0.0	0		
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	12:00 AM	2:08 PM	0	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:54 am
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	18	11	76.6	7539	7616	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	9:15 AM	18	11	18.6	1830	1849	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		`
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 4

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB110		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	8	12.09	60.2	5925	5990	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	3	10.3	70.4	6936	7006	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	5	10.3	73.8	7266	7340	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	5	10.3	56.4	5554	5610	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	0	8.7	54.1	5330	5384	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	0	7.6	49.3	4852	4901	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	9:35 AM	0	6.4	16.4	1615	1631	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37476**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	0	4.8	59' - 104'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:21 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	6	10.1	15.6	1535	1551	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	5	9.3	64.3	6336	6400	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	10	9.3	15.2	1499	1514	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,846	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	5	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB111		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	5	11.1	14.3	1406	1420	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	5	10.1	67.8	6674	6742	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	5	10	67.0	6597	6664	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	5	10.6	75.7	7453	7529	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	1	10.2	66.1	6510	6576	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	4	10.2	63.2	6225	6288	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:15 AM	4	10.2	26.6	2616	2643	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60.7' - 105.7'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:07 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	2	9.3	62.4	6150	6212	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:33 AM	6	9.2	32.7	3220	3253	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB112		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	0	5.8	30.2	2972	3002	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	0	7.4	48.4	4764	4812	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	0	7.4	52.0	5126	5178	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	0	7.4	48.3	4755	4803	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	0	7.4	52.0	5123	5175	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	0	7.2	51.0	5027	5078	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	0	7.1	50.3	4958	5008	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	4	6.6	42.8	4214	4257	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:37 AM	0	6.6	5.5	543	549	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	0	5.5	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:33am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	0	6.8	22.7	2237	2260	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	0	6.7	47.1	4638	4685	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:25 AM	0	6.7	25.3	2495	2520	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 5

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB113		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	0	9.4	27.9	2751	2779	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	0	9.7	57.6	5668	5726	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	0	9.9	63.8	6279	6343	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	0	9.7	60.4	5953	6013	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	0	9.7	56.2	5535	5591	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	0	10.3	69.7	6865	6935	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	1:15 PM	0	9.7	45.0	4430	4475	50 gallon flush at end of day
	Thurs	12/17/2009				0	0.0	0		
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:07 PM	0	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:56 am
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	0	11.5	81.7	8042	8124	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	8:05 AM	0	11.5	13.5	1328	1341	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB114		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	5	11.77	52.5	5167	5224	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	5	10.2	68.4	6739	6807	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	5	10.3	70.4	6932	7002	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	5	10.3	53.7	5286	5340	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	6	8.3	53.0	5215	5268	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	6	7.6	51.8	5098	5150	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:35 PM	6	7.3	30.9	3040	3071	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri	1/8/2009	1:40 PM	4:15 PM	6	11.1	15.2	1502	1517	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	5	6.8	45.4	4467	4512	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	11:30 AM	10	6.6	28.2	2778	2806	50 gallon flush at end of day
	Wed	1/13/2010	7:15 AM	4:45 PM	9	8	42.9	4228	4271	50 gallon flush at end of day
	Thurs	1/14/2010	5:45 AM	4:45 PM	10	10	60.7	5979	6040	50 gallon flush at end of day
	Fri	1/15/2010	4:45 AM	4:30 PM	20	9.5	65.1	6408	6473	250 gallon flush at end of day
	Mon	1/18/2010	5:45 AM	4:45 PM	20	8.5	54.1	5332	5386	50 gallon flush at end of day
	Tues	1/19/2010	6:00 AM	4:45 PM	20	8	47.6	4685	4733	50 gallon flush at end of day
	Wed	1/20/2010	6:00 AM	10:20 AM	20	8	21.3	2102	2123	250 gallon flush at end of day
	Thurs	1/21/2010					0.0	0		
	Fri	1/22/2010					0.0	0		
	Mon									
	Tues									
							761	**46223**	**75723**	0

				Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	4	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:18 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	20	12	82.2	8098	8180	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	5:00 PM	12	12.7	85.9	8462	8548	50 gallon flush at end of day
	Thurs	1/28/2010	4:50 AM	7:30 AM	12	13	22.1	2181	2203	250 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							190	**18741**	**18931**	(0)

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	951	64,964	94,654
Scope Amount	3	640	951	93,703	94,654
Balance Remaining	0	0	0	28,739	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB115		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	0	5.9	31.8	3136	3168	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	0	7.2	46.2	4555	4601	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	0	7.4	52.0	5121	5173	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	0	7.4	48.4	4764	4812	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	0	7.2	51.6	5083	5135	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	0	7.1	50.5	4974	5024	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	0	7.3	50.9	5014	5065	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	0	6.8	43.6	4293	4337	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:37 AM	0	6.6	5.5	542	547	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	0	5.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:35am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	0	6.7	23.1	2271	2294	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	0	6.9	46.1	4539	4585	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:30 AM	0	6.6	26.0	2560	2586	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 6

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB116		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	0	10.9	13.9	1365	1379	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	0	10.1	67.7	6665	6733	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	0	10	67.1	6610	6677	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	0	10.6	75.9	7471	7547	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	0	10.1	65.6	6461	6527	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	0	10.3	63.2	6227	6290	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:15 AM	0	10.2	27.2	2682	2709	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:08 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	2	9.2	61.4	6047	6108	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:38 AM	0	9.3	33.7	3323	3357	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB117		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	20	9.2	26.4	2600	2626	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	20	9.3	54.3	5350	5404	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	20	8.2	50.4	4964	5014	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	20	7.6	45.4	4474	4519	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	20	8	49.6	4888	4938	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	20	7.9	52.9	5211	5264	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	4:30 PM	20	9	60.9	5995	6056	50 gallon flush at end of day
	Thurs	12/17/2009	5:30 AM	1:55 PM	20	8.2	40.6	4000	4041	50 gallon flush at end of day
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:10 PM	16	5.5	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:58 am
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	20	8.9	65.2	6422	6487	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	10:35 AM	20	8.9	29.9	2948	2978	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB118		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	5	10.8	13.8	1363	1377	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	10	10.1	69.3	6821	6890	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	10	10.1	66.8	6574	6641	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	10	10.4	74.2	7309	7383	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	3	10.1	65.8	6477	6543	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	9	10.2	63.2	6225	6288	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:20 AM	5	10.7	27.5	2712	2740	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:10 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	3	9.2	61.7	6080	6142	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:39 AM	7	9.2	33.4	3290	3323	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 7

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB119		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	6	6	30.5	3000	3030	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	10	7.2	46.9	4621	4668	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	5	7.4	53.1	5231	5284	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	5	7.2	47.5	4678	4725	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	14	7.2	52.3	5152	5204	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	14	7.2	50.9	5016	5067	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	15	7.1	50.5	4974	5025	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	17	6.7	43.4	4274	4317	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:23 AM	20	6.6	5.4	537	542	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:46 AM	10	5.5	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:37am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	18	6.8	23.0	2263	2286	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	20	6.7	46.2	4555	4601	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:25 AM	20	6.7	25.9	2552	2578	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB120		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	10	10.9	14.2	1394	1408	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	18	10.2	69.0	6800	6869	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	10	10	66.4	6543	6609	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	10	10.4	74.2	7311	7385	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	10	10.2	66.6	6563	6630	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	15	10.4	63.8	6279	6343	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:15 AM	20	10.5	26.3	2592	2618	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:11 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	10	9.3	62.3	6136	6198	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:35 AM	15	9.2	32.8	3234	3267	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 8

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB121		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	15	9.4	26.5	2609	2635	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	20	8.2	50.9	5008	5059	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	20	7.8	48.6	4782	4831	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	20	7.3	45.3	4466	4511	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	20	7.9	47.5	4675	4722	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	20	7.9	53.1	5225	5278	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	4:30 PM	20	8.3	55.8	5496	5552	50 gallon flush at end of day
	Thurs	12/17/2009	5:30 AM	4:15 PM	20	8	53.0	5221	5274	50 gallon flush at end of day
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:10 PM	14	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 1:01 pm
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	20	8.4	62.7	6175	6238	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	11:05 AM	20	8.2	32.4	3195	3227	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB122		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	15	10.8	14.1	1389	1403	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	18	10.1	68.2	6713	6781	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	10	10	66.7	6565	6632	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	20	10.5	75.0	7390	7465	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	15	10.1	65.7	6473	6539	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	15	10.3	63.6	6259	6323	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:15 AM	15	10.3	27.3	2692	2719	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:12 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	10	9.3	62.6	6163	6226	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:30 AM	16	9.2	32.6	3206	3239	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB123		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	0	5.8	31.3	3080	3111	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	5	7.2	47.2	4653	4700	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	2	7.3	51.8	5106	5158	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	0	7.3	48.0	4725	4773	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	4	7.4	52.4	5158	5210	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	4	7.2	51.0	5022	5073	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	5	7.2	50.3	4959	5009	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	10	6.7	43.5	4284	4327	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:20 AM	12	6.7	5.0	496	501	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	10	5.4	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:38am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	13	6.9	23.0	2261	2284	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	13	6.7	46.7	4603	4650	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:25 AM	14	6.7	25.4	2506	2531	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB124		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	20	11.75	56.3	5549	5605	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	9	9.7	64.3	6330	6394	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	10	9.8	65.5	6452	6518	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	12	10	57.0	5618	5675	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	9	8.2	51.8	5105	5157	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	8	8.4	57.0	5615	5672	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:30 PM	10	8.9	28.6	2812	2841	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37481**	**37862**	(0)

				Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	1/8/2009	11:00 AM	1:35 PM	0	4.9	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:26 pm

20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	10	9.7	15.4	1517	1532	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	10	9.3	66.2	6519	6585	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:15 AM	10	9.6	13.5	1334	1348	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 9

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB125		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	15	9.9	29.6	2913	2943	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	11	9.5	59.9	5902	5962	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	14	10	64.7	6374	6439	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	13	9.6	59.4	5851	5910	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	9	8.6	53.0	5224	5277	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	14	9.7	66.3	6528	6594	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	1:30 PM	14	9.6	47.6	4689	4737	50 gallon flush at end of day
	Thurs	12/17/2009				0	0.0	0		
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:08 PM	5	5.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 1:03 pm
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	20	10	68.5	6742	6810	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	9:50 AM	20	10	26.7	2628	2655	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB126		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	20	5.43	35.3	3472	3510	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	20	8.9	60.4	5947	6007	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	20	9.5	67.6	6662	6730	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	20	9.3	56.4	5554	5610	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	20	10.2	64.2	6321	6385	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	20	9.1	61.2	6029	6090	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:30 PM	20	9.4	35.5	3495	3530	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37479**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	10	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:27 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	20	9.2	15.1	1484	1499	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	20	9.7	65.0	6405	6470	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	20	9.3	15.0	1481	1496	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,848	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	3	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB127		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	20	10.9	14.2	1396	1410	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	20	10	67.1	6605	6672	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	20	9.9	66.8	6579	6646	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	10	10.5	75.6	7449	7525	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	5	10.1	65.8	6476	6542	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	11	10.2	63.3	6235	6298	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:20 AM	15	10.3	27.8	2741	2769	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	14	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:15 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	20	9	57.5	5666	5724	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	1:15 PM	20	9	37.6	3703	3741	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB128		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	6	5.9	30.5	3001	3031	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	7	7.4	48.0	4729	4777	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	6	7.3	51.5	5069	5120	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	5	7.3	49.0	4826	4875	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	10	7.4	51.9	5113	5165	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	5	7.2	50.7	4991	5042	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	10	7.3	50.1	4931	4981	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	20	6.8	43.5	4282	4325	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:37 AM	19	6.6	5.5	541	546	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:45 AM	10	5.5	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:41am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	18	6.9	22.7	2236	2259	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	20	6.7	46.7	4598	4645	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:25 AM	20	6.7	25.7	2535	2561	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB129		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		Finish Set-up and Testing
	Tues	12/8/2009	11:15 AM	4:30 PM	4	9.8	29.1	2865	2894	System Test @ 9:00 AM > System up and running at 11:15 AM 50 gallon end of day flush
	Wed	12/9/2009	5:45 AM	4:30 PM	16	9.8	62.7	6179	6242	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	8	10	65.7	6468	6534	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	5	9.7	57.0	5618	5675	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	8	9.1	53.0	5222	5275	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	7	10	67.8	6679	6747	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	12:55 PM	8	10	45.2	4450	4495	50 gallon flush at end of day
	Thurs	12/17/2009				0	0.0	0		
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:07 PM	9	5.2	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 1:05 pm
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	2	10.5	75.1	7396	7471	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	9:10 AM	3	10.5	20.0	1974	1994	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB130		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tues	1/12/2009	12:30 PM	2:45 PM	18	11	14.6	1441	1456	50 gallon flush at end of day
	Wed	1/13/2009	5:45 AM	4:45 PM	20	10.1	67.8	6674	6742	50 gallon flush at end of day
	Thurs	1/14/2009	5:45 AM	4:45 PM	20	10.1	67.1	6613	6680	50 gallon flush at end of day
	Fri	1/15/2009	4:45 AM	4:30 PM	20	10.5	74.9	7372	7447	250 gallon flush at end of day
	Mon	1/18/2009	5:45 AM	4:45 PM	20	10.2	66.4	6536	6602	50 gallon flush at end of day
	Tue	1/19/2009	6:00 AM	4:45 PM	18	10.3	63.5	6254	6317	50 gallon flush at end of day
	Wed	1/20/2009	6:00 AM	10:00 AM	18	10.2	26.3	2592	2618	250 gallon flush at end of day
	Thurs	1/21/2009				0	0.0	0		
	Fri	1/22/2009				0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
						0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/25/2010	2:40 PM	5:30 PM	0	4.3	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 4:16 pm
20% Volume	Tue	1/26/2010	5:30 AM	4:45 PM	5	9.4	63.7	6273	6337	50 gallon flush at end of day
	Wed	1/27/2010	5:30 AM	11:15 AM	14	9.3	31.4	3097	3128	250 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB131		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Thurs	1/28/2010	9:00 AM	4:45 PM	4	5.9	31.0	3054	3085	50 gallon flush at end of day
	Fri	1/29/2010	5:30 AM	4:15 PM	0	7.2	47.0	4624	4671	250 gallon flush at end of day
	Mon	2/1/2010	5:00 AM	4:45 PM	0	7.4	52.6	5181	5234	50 gallon flush at end of day
	Tue	2/2/2010	4:50 AM	3:45 PM	0	7.3	48.2	4750	4798	50 gallon flush at end of day
	Wed	2/3/2010	4:50 AM	4:45 PM	0	7.4	52.4	5166	5218	50 gallon flush at end of day
	Thurs	2/4/2010	5:00 AM	4:45 PM	0	7.2	50.8	5004	5055	50 gallon flush at end of day
	Fri	2/5/2010	4:50 AM	4:30 PM	0	7.3	50.7	4996	5047	250 gallon flush at end of day
	Mon	2/8/2010	4:50 AM	3:45 PM	0	6.6	42.6	4195	4238	50 gallon flush at end of day
	Tues	2/9/2010	5:00 AM	6:30 AM	4	6.7	5.2	511	516	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		2/10/2010	7:15 AM	10:46 AM	0	5.5	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 9:42am
20% Volume	Wed	2/10/2010	11:05 AM	4:45 PM	10	6.8	23.1	2280	2303	50 gallon flush at end of day
	Thurs	2/11/2010	4:45 AM	4:45 PM	8	6.9	46.2	4551	4597	50 gallon flush at end of day
	Fri	2/12/2010	4:45 AM	11:30 AM	7	6.6	25.8	2539	2565	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB132		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	12/7/2009				0	0.0	0		
	Tues	12/8/2009				0	0.0	0		
	Wed	12/9/2009	10:55 AM	4:30 PM	18	9.4	30.0	2959	2989	50 gallon flush at end of day
	Thurs	12/10/2009	5:30 AM	4:30 PM	18	9.4	59.3	5840	5899	50 gallon flush at end of day
	Fri	12/11/2009	5:45 AM	4:15 PM	16	8.4	53.7	5291	5345	250 gallon flush at end of day
	Mon	12/14/2009	5:45 AM	4:45 PM	18	8.9	55.2	5441	5496	50 gallon flush at end of day
	Tue	12/15/2009	5:45 AM	5:15 PM	20	9.6	66.2	6523	6589	50 gallon flush at end of day
	Wed	12/16/2009	5:30 AM	4:30 PM	20	9.5	63.9	6296	6360	50 gallon flush at end of day
	Thurs	12/17/2009	5:30 AM	4:05 PM	20	8.6	52.1	5132	5184	50 gallon flush at end of day
	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009				0	0.0	0		
	Tues	12/22/2009				0	0.0	0		
	Wed	12/23/2009				0	0.0	0		
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
							381	**37481**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		12/18/2009	11:25 AM	2:07 PM	9	5.4	60' - 105'	3	640	320 gal of Anoxic Water followed with 3.55 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 1:07 pm
20% Volume	Fri	12/18/2009				0	0.0	0		
	Mon	12/21/2009	5:00 AM	5:00 PM	20	9.6	66.7	6569	6636	50 gallon flush at end of day
	Tue	12/22/2009	5:30 AM	10:20 AM	20	9.7	28.4	2801	2829	250 gallon flush at end of day
	Wed	12/23/2009				0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,851	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	0	0

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

RDO-1		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	20	9.4	44.6	4387	4435	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	20	9.5	61.5	6056	6117	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	18	10	72.6	7148	7221	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	20	10	57.4	5658	5715	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		
	Mon	1/4/2009	5:30 AM	4:45 PM	14	8.1	50.5	4978	5029	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	13	8.6	56.0	5518	5574	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:30 PM	20	9	37.9	3733	3771	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37478**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	4	4.9	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:28 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	14	10	15.2	1502	1517	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	20	10	64.8	6384	6449	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	20	9.3	15.1	1484	1499	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,848	47,327
Scope Amount	3	640	476	93,703	94,654
Balance Remaining	0	0	0	46,855	47,327

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

RDO-2		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	18	11.6	59.2	5823	5887	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	10	9.8	66.3	6529	6595	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	13	10.1	73.8	7268	7342	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	13	10.2	55.3	5445	5500	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	9	8.9	56.7	5581	5638	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	9	8.3	53.6	5283	5337	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	8:30 AM	0	7.4	15.7	1547	1563	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37477**	**37862**	(0)

				Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	1/8/2009	11:00 AM	1:35 PM	0	4.8	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:25 pm

20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	12	9.8	15.4	1515	1530	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	15	9.8	64.4	6338	6402	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:30 AM	15	9.6	15.4	1518	1533	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,846	47,327
Scope Amount	3	640	476	93,703	94,654
Balance Remaining	0	0	0	46,856	47,327

Manifold Number 10

Injection Scope Inject groundwater and EVO into 32 wells. A total EVO mixture of 47,327 gallons will be injected into each well (29,448 gal 80% EVO + 320 gal Anox + 3 Liters KB-1 + 320 gal Anox + 7,362 gal 20% EVO).

RDO-3B		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	12/23/2009	5:00 AM	2:00 PM	12	12.28	59.4	5846	5910	250 gallon flush at end of day
	Thurs	12/24/2009				0	0.0	0		Christmas Eve
	Fri	12/25/2009				0	0.0	0		Christmas Day
	Mon	12/28/2009	5:30 AM	4:45 PM	6	10	67.9	6686	6754	50 gallon flush at end of day
	Tue	12/29/2009	4:45 AM	4:45 PM	5	9.5	65.5	6454	6520	50 gallon flush at end of day
	Wed	12/30/2009	5:00 AM	2:30 PM	6	9.5	58.6	5771	5830	250 gallon flush at end of the year
	Thurs	12/31/2009				0	0.0	0		New Years Eve
	Fri	1/1/2010				0	0.0	0		New Years Day
	Mon	1/4/2009	5:30 AM	4:45 PM	8	8.7	54.0	5323	5377	50 gallon flush at end of day
	Tues	1/5/2009	5:45 AM	4:45 PM	0	6.6	44.1	4346	4390	50 gallon flush at end of day
	Wed	1/6/2009	5:45 AM	12:35 PM	0	7	31.0	3050	3081	50 gallon flush at end of day
	Thurs	1/7/2009				0	0.0	0		Injection Wells sampled by Insight
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
							381	**37477**	**37862**	(0)
					Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		1/8/2009	11:00 AM	1:35 PM	0	4.7	60' - 105'	3	640	320 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 320 gal Anoxic Water. KB1 was introduced at @ 12:22 pm
20% Volume	Fri	1/8/2009	1:40 PM	4:15 PM	6	9.8	15.4	1516	1531	250 gallon flush at end of day
	Mon	1/11/2010	5:30 AM	4:45 PM	5	8.6	66.0	6500	6566	50 gallon flush at end of day
	Tues	1/12/2010	5:45 AM	8:15 AM	10	9.6	13.8	1354	1368	250 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
							95	**9370**	**9465**	0

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3	640	476	46,846	47,327
Scope Amount	3	640	476	46,851	47,327
Balance Remaining	0	0	0	5	0

First Sand Biobarrier (FSB-1)

EVO / Ground Water Metering (5 - 100 gpm)

Multiplier	Gal/Point	Liquid Name		
0.98994838359	46,851	Groundwater	47,327.0	EVO Mixture/Well (gal)
0.01005161641	475.71	Newman Zone (EVO)		

Total Mix Rate (GPM)		Groundwater 2" SS Flow Meter Range: 20 to 200 (gpm) Part No. 4352K55		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
5	=	4.95	+	0.05
6	=	5.94	+	0.06
7	=	6.93	+	0.07
8	=	7.92	+	0.08
9	=	8.91	+	0.09
10	=	9.90	+	0.10
11	=	10.89	+	0.11
12	=	11.88	+	0.12
13	=	12.87	+	0.13
14	=	13.86	+	0.14
15	=	14.85	+	0.15
16	=	15.84	+	0.16
17	=	16.83	+	0.17
18	=	17.82	+	0.18
19	=	18.81	+	0.19
20	=	19.80	+	0.20
21	=	20.79	+	0.21
22	=	21.78	+	0.22
23	=	22.77	+	0.23
24	=	23.76	+	0.24
25	=	24.75	+	0.25
26	=	25.74	+	0.26
27	=	26.73	+	0.27
28	=	27.72	+	0.28
29	=	28.71	+	0.29
30	=	29.70	+	0.30
31	=	30.69	+	0.31
32	=	31.68	+	0.32
33	=	32.67	+	0.33
34	=	33.66	+	0.34
35	=	34.65	+	0.35
36	=	35.64	+	0.36
37	=	36.63	+	0.37
38	=	37.62	+	0.38
39	=	38.61	+	0.39
40	=	39.60	+	0.40
41	=	40.59	+	0.41
42	=	41.58	+	0.42
43	=	42.57	+	0.43
44	=	43.56	+	0.44
45	=	44.55	+	0.45
46	=	45.54	+	0.46
47	=	46.53	+	0.47
48	=	47.52	+	0.48
49	=	48.51	+	0.49
50	=	49.50	+	0.50

Total Mix Rate (GPM)		Groundwater 2" SS Flow Meter Range: 20 to 200 (gpm) Part No. 4352K55		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
51	=	50.49	+	0.51
52	=	51.48	+	0.52
53	=	52.47	+	0.53
54	=	53.46	+	0.54
55	=	54.45	+	0.55
56	=	55.44	+	0.56
57	=	56.43	+	0.57
58	=	57.42	+	0.58
59	=	58.41	+	0.59
60	=	59.40	+	0.60
61	=	60.39	+	0.61
62	=	61.38	+	0.62
63	=	62.37	+	0.63
64	=	63.36	+	0.64
65	=	64.35	+	0.65
66	=	65.34	+	0.66
67	=	66.33	+	0.67
68	=	67.32	+	0.68
69	=	68.31	+	0.69
70	=	69.30	+	0.70
71	=	70.29	+	0.71
72	=	71.28	+	0.72
73	=	72.27	+	0.73
74	=	73.26	+	0.74
75	=	74.25	+	0.75
76	=	75.24	+	0.76
77	=	76.23	+	0.77
78	=	77.22	+	0.78
79	=	78.21	+	0.79
80	=	79.20	+	0.80
81	=	80.19	+	0.81
82	=	81.18	+	0.82
83	=	82.17	+	0.83
84	=	83.16	+	0.84
85	=	84.15	+	0.85
86	=	85.14	+	0.86
87	=	86.13	+	0.87
88	=	87.12	+	0.88
89	=	88.11	+	0.89
90	=	89.10	+	0.90
91	=	90.09	+	0.91
92	=	91.08	+	0.92
93	=	92.07	+	0.93
94	=	93.06	+	0.94
95	=	94.05	+	0.95
96	=	95.04	+	0.96
97	=	96.02	+	0.98
98	=	97.01	+	0.99
99	=	98.00	+	1.00
100	=	98.99	+	1.01

EVO / Ground Water Metering (101 - 200 gpm)

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
101	=	99.98	+	1.02
102	=	100.97	+	1.03
103	=	101.96	+	1.04
104	=	102.95	+	1.05
105	=	103.94	+	1.06
106	=	104.93	+	1.07
107	=	105.92	+	1.08
108	=	106.91	+	1.09
109	=	107.90	+	1.10
110	=	108.89	+	1.11
111	=	109.88	+	1.12
112	=	110.87	+	1.13
113	=	111.86	+	1.14
114	=	112.85	+	1.15
115	=	113.84	+	1.16
116	=	114.83	+	1.17
117	=	115.82	+	1.18
118	=	116.81	+	1.19
119	=	117.80	+	1.20
120	=	118.79	+	1.21
121	=	119.78	+	1.22
122	=	120.77	+	1.23
123	=	121.76	+	1.24
124	=	122.75	+	1.25
125	=	123.74	+	1.26
126	=	124.73	+	1.27
127	=	125.72	+	1.28
128	=	126.71	+	1.29
129	=	127.70	+	1.30
130	=	128.69	+	1.31
131	=	129.68	+	1.32
132	=	130.67	+	1.33
133	=	131.66	+	1.34
134	=	132.65	+	1.35
135	=	133.64	+	1.36
136	=	134.63	+	1.37
137	=	135.62	+	1.38
138	=	136.61	+	1.39
139	=	137.60	+	1.40
140	=	138.59	+	1.41
141	=	139.58	+	1.42
142	=	140.57	+	1.43
143	=	141.56	+	1.44
144	=	142.55	+	1.45
145	=	143.54	+	1.46
146	=	144.53	+	1.47
147	=	145.52	+	1.48
148	=	146.51	+	1.49
149	=	147.50	+	1.50
150	=	148.49	+	1.51

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
151	=	149.48	+	1.52
152	=	150.47	+	1.53
153	=	151.46	+	1.54
154	=	152.45	+	1.55
155	=	153.44	+	1.56
156	=	154.43	+	1.57
157	=	155.42	+	1.58
158	=	156.41	+	1.59
159	=	157.40	+	1.60
160	=	158.39	+	1.61
161	=	159.38	+	1.62
162	=	160.37	+	1.63
163	=	161.36	+	1.64
164	=	162.35	+	1.65
165	=	163.34	+	1.66
166	=	164.33	+	1.67
167	=	165.32	+	1.68
168	=	166.31	+	1.69
169	=	167.30	+	1.70
170	=	168.29	+	1.71
171	=	169.28	+	1.72
172	=	170.27	+	1.73
173	=	171.26	+	1.74
174	=	172.25	+	1.75
175	=	173.24	+	1.76
176	=	174.23	+	1.77
177	=	175.22	+	1.78
178	=	176.21	+	1.79
179	=	177.20	+	1.80
180	=	178.19	+	1.81
181	=	179.18	+	1.82
182	=	180.17	+	1.83
183	=	181.16	+	1.84
184	=	182.15	+	1.85
185	=	183.14	+	1.86
186	=	184.13	+	1.87
187	=	185.12	+	1.88
188	=	186.11	+	1.89
189	=	187.10	+	1.90
190	=	188.09	+	1.91
191	=	189.08	+	1.92
192	=	190.07	+	1.93
193	=	191.06	+	1.94
194	=	192.05	+	1.95
195	=	193.04	+	1.96
196	=	194.03	+	1.97
197	=	195.02	+	1.98
198	=	196.01	+	1.99
199	=	197.00	+	2.00
200	=	197.99	+	2.01

Injection Summary - First Sand Biobarrier (FSB-2)

	Date	Total EVO Injected (Gal)	Total Groundwater Injected (Gal)	Total Volume Injected (Gal)	Average Injection Rate per Well (gpm)	Combined Injection Rate per Well Group (gpm)
Monday	10/12/2009	-	-		0.0	0.0
Tuesday	10/13/2009	399	36,238	36,637	8.6	86.0
Wednesday	10/14/2009	538	48,867	49,405	8.2	81.7
Thursday	10/15/2009	603	54,823	55,426	8.3	83.1
Friday	10/16/2009	568	51,668	52,236	9.2	91.6
Monday	10/19/2009	560	50,918	51,478	9.3	93.2
Tuesday	10/20/2009	304	27,591	27,895	6.0	59.9
Wednesday	10/21/2009	105	9,550	9,655	2.0	19.5
Thursday	10/22/2009	43	3,897	3,940	1.1	11.4
Friday	10/23/2009	129	11,709	11,838	7.4	73.8
Monday	10/26/2009	473	42,977	43,450	7.2	72.3
Tuesday	10/27/2009	142	12,896	13,038	5.0	30.1
Wednesday	10/28/2009	151	13,700	13,851	8.3	91.0
Thursday	10/29/2009	548	49,841	50,389	7.3	79.8
Friday	10/30/2009	450	40,913	41,363	7.1	78.1
Monday	11/2/2009	598	54,355	54,953	7.3	87.0
Tuesday	11/3/2009	590	53,602	54,192	7.9	86.4
Wednesday	11/4/2009	601	54,614	55,215	7.8	85.4
Thursday	11/5/2009	391	35,538	35,929	7.4	81.8
Friday	11/6/2009	260	23,599	23,859	7.8	86.0
Monday	11/9/2009	560	50,891	51,451	7.2	72.2
Tuesday	11/10/2009	181	17,856	18,037	7.4	66.8
Wednesday	11/11/2009	496	48,814	49,310	7.9	71.2
Thursday	11/12/2009	472	46,452	46,924	7.5	67.9
Friday	11/13/2009	414	40,734	41,148	7.4	67.0
Monday	11/16/2009	420	41,374	41,794	6.8	61.5
Tuesday	11/17/2009	392	38,575	38,967	6.8	60.8
Wednesday	11/18/2009	290	28,562	28,852	6.7	60.1
Thursday	11/19/2009					
Friday	11/20/2009	299	29,398	29,697	6.4	57.5
Monday	11/23/2009	302	29,761	30,063	6.1	54.8
Tuesday	11/24/2009	62	6,109	6,171	3.3	29.9
Wednesday	11/25/2009	3	324	327	0.4	3.7
Thursday	11/26/2009					
Friday	11/27/2009					
	Totals	11,340	1,056,150	1,067,490	6.7	66.7

-	Balance Remaining (gal)	31	Current Field Days (expand rang

Injection Well Summary
First Sand Biobarrier (FSB-2)

Well ID	Total Well Volume	46% or 42.5% EVO Volume (gal)	Groundwater Volume (gal)	Screen Interval	Screen Length	EVO Solution 80% Volume (gal)	Injected 80% Volume (gal)	Anaerobic Water (gal)	KB-1 (liters)	EVO Solution 20% Volume (gal)	Injected 20% Volume (gal)	Injected Total Well Volume (gal)
IW-70-FSB201	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB202	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB203	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB204	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB205	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB206	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB207	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB208	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB209	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB210	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB211	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB212	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB213	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB214	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB215	36,810	370.0	36,440	66' - 101'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB216	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB217	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB218	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB219	36,810	400.5	36,409	65.5' - 100.5'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB220	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB221	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB222	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB223	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-FSB224	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-BSB225	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-BSB226	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-BSB227	36,810	370.0	36,440	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-BSB228	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
IW-70-BSB229	36,810	400.5	36,409	65' - 100'	35	29,448	29,448	500	3.0	7,362	7,362	36,810
Totals	1,067,490	11,340	1,056,150			853,992	853,992	14,500	87	213,498	213,498	1,067,490
						Remaining Balance	-			Remaining Balance	-	

Group 1			Group 2			Group 3		
KB-1 kg per Well	Keg #	Running Total - Ending wt.	KB-1 kg per Well	Keg #	Running Total - Ending wt.	KB-1 kg per Well	Keg #	Running Total - Ending wt.
3.27	1	30.4						
			3.21	1	27.7			
						3.3	1	30.4
3.27	1	27.2						
			3.21	1	24.5			
						3.3	1	27.1
3.27	1	23.9						
			3.21	1	21.3			
						3.3	1	23.8
3.27	1	20.6						
			3.21	1	18.1			
						3.3	1	20.5
3.27	1	17.4						
			3.21	1	14.9			
						3.3	1	17.2
3.27	1	14.1						
			3.21	1 & 2	25.1			
						3.3	1	13.9
3.27	1 & 2	22.1						
			3.21	2	21.9			
						3.3	1 & 2	18.9
3.27	2	18.8						
			3.21	2	18.7			
						3.3	2	15.6
3.27	2	15.6						
			3.21	2	15.5			
						3.3	2	12.3
3.27	2	12.3						
			3.21	2	12.3			

Note: empty keg weight is approximately 12.3 kg

Group 1			Group 2			Group 3		
	kg			kg			kg	
Keg #2:	0.0	KB Remaining	Keg #2:	-12.3	KB Remaining	Keg #2:	-12.3	KB Remaining
	kg			kg			kg	
Keg #1:	33.7	Start Wt.	Keg #1:	30.9	Start Wt.	Keg #1:	33.7	Start Wt.
	21.4	Less Keg wt.		18.6	Less Keg wt.		21.4	Less Keg wt.
	kg			kg			kg	

Inject	Extract	Total Volume	46% or 42.5% EVO Gal	46% or 42.5% GW Gal	80%	20%	Expected Injection Rate/Well (gpm)
Group 1	Group 2	368,100	4,005	364,095	294,480	73,620	10
Group 2	Group 3	368,100	4,005	364,095	294,480	73,620	9
Group 3	Group 2	331,290	3,330	327,960	265,032	66,258	5

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB202	10/12/2009			0.0	Finish Setting up and Testing System today
Group 2 Well	10/13/2009	8:30 AM	4:00 PM	10.0	Submersible Pump was set at 85 feet bgs.
	10/14/2009	7:00 AM	5:00 PM	10.0	
	10/15/2009	6:00 AM	5:15 PM	10.0	
	10/16/2009	5:50 AM	3:50 PM	10.0	
	10/19/2009	5:30 AM	4:00 PM	20.0	
	10/20/2009	6:00 AM	11:00 AM	15.0	Turned off due to the finishing of injection wells
	10/21/2009				Off
	10/22/2009				Off
	10/23/2009	12:15 PM	3:00 PM	15.0	
	10/26/2009	6:00 AM	4:30 PM	20.0	
	10/27/2009				Turned off due to the finishing of injection wells
	10/28/2009				
	10/29/2009				
	10/30/2009				

IW-70-FSB205	10/12/2009			0.0	Finish Setting up and Testing System today
Group 2 Well	10/13/2009	8:30 AM	4:00 PM	4.5	Submersible Pump was set at 85 feet bgs.
	10/14/2009	7:00 AM	5:00 PM	5.0	
	10/15/2009	6:00 AM	5:15 PM	5.0	
	10/16/2009	5:50 AM	3:50 PM	5.0	
	10/19/2009	5:30 AM	2:30 PM	1.0	Turned off due to the finishing of injection wells
	10/20/2009				Off
	10/21/2009				Off
	10/22/2009				Off
	10/23/2009				Off
	10/26/2009				Off > Lack of flow
	10/27/2009				Off
	10/28/2009				
	10/29/2009				
	10/30/2009				

IW-70-FSB208	10/12/2009			0.0	Finish Setting up and Testing System today
Group 2 Well	10/13/2009	8:30 AM	4:00 PM	8.0	Submersible Pump was set at 85 feet bgs.
	10/14/2009	7:00 AM	5:00 PM	10.0	
	10/15/2009	6:00 AM	5:15 PM	10.0	
	10/16/2009	5:50 AM	3:50 PM	10.0	
	10/19/2009	5:30 AM	2:30 PM	4.0	Turned off due to the finishing of injection wells
	10/20/2009				Off
	10/21/2009				Off

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB202	11/10/2009	12:15 PM	4:45 PM	15.0	Submersible Pump was set at 85 feet bgs.
Group 2 Well	11/11/2009	5:30 AM	5:00 PM	15.0	
	11/12/2009	5:30 AM	5:00 PM	15.0	
	11/13/2009	5:45 AM	4:00 PM	15.0	
	11/16/2009	5:45 AM	5:00 PM	14.0	
	11/17/2009	5:45 AM	5:00 PM	12.0	
	11/18/2009	6:00 AM	4:30 PM	12.0	
	11/19/2009				KB-1 Injection no extraction wells used
	11/20/2009	5:30 AM	3:00 PM	12.0	
	11/23/2009	5:30 AM	4:45 PM	10.0	
	11/24/2009	5:30 AM	4:45 PM	10.0	
	11/25/2009	5:30 AM		4.0	reduced flow for last well.

IW-70-FSB205	11/10/2009	12:15 PM	4:45 PM	6.0	Submersible Pump was set at 85 feet bgs.
Group 2 Well	11/11/2009	5:30 AM	5:00 PM	6.0	
	11/12/2009	5:30 AM	5:00 PM	6.0	
	11/13/2009	5:45 AM	4:00 PM	6.0	
	11/16/2009	5:45 AM	5:00 PM	6.0	
	11/17/2009	5:45 AM	5:00 PM	5.0	
	11/18/2009	6:00 AM	12:15 PM	5.0	
	11/19/2009				KB-1 Injection no extraction wells used
	11/20/2009	5:30 AM	3:00 PM	5.0	cycles on and off
	11/23/2009	5:30 AM	4:45 PM	4.0	
	11/24/2009	5:30 AM	6:30 AM	4.0	Turned off< wells completed
	11/25/2009				Turned off< wells completed

IW-70-FSB208	11/10/2009	12:15 PM	4:45 PM	10.0	Submersible Pump was set at 85 feet bgs.
Group 2 Well	11/11/2009	5:30 AM	5:00 PM	10.0	
	11/12/2009	5:30 AM	5:00 PM	10.0	
	11/13/2009	5:45 AM	4:00 PM	10.0	
	11/16/2009	5:45 AM	5:00 PM	10.0	
	11/17/2009	5:45 AM	5:00 PM	8.0	
	11/18/2009	6:00 AM	12:15 PM	8.0	
	11/19/2009				KB-1 Injection no extraction wells used

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-FSB203	Mor					
Group 3 Well	Tue	10/27/2009				Submersible Pump was set at 85 feet bgs.
	Wed	10/28/2009				Off no flow
	Thu	10/29/2009	6:00 AM	5:00 PM	10.0	
	Fri	10/30/2009	6:00 AM	3:00 PM	14.0	
	Mor	11/2/2009	6:00 AM	5:00 PM	13.0	
	Tue	11/3/2009	6:00 AM	4:30 PM	13.0	
	Wed	11/4/2009	6:00 AM	5:00 PM	13.0	
	Thu	11/5/2009	6:00 AM	4:30 PM	13.0	
	Fri	11/6/2009	11:45 AM	4:30 PM	12.0	
	Mor	11/9/2009	6:00 AM	4:45 PM	12.0	
	Tue	11/10/2009				
	Wed	11/11/2009				
	Thu	11/12/2009				
	Fri	11/13/2009				
	Mor	11/16/2009				
	Tue	11/17/2009				
	Wed	11/18/2009				
	Thu	11/19/2009				
	Fri	11/20/2009				
IW-70-FSB206	Mor					
Group 3 Well	Tue	10/27/2009				Submersible Pump was set at 85 feet bgs.
	Wed	10/28/2009	1:30 PM	4:00 PM	13.0	
	Thu	10/29/2009	6:00 AM	5:00 PM	10.0	
	Fri	10/30/2009	6:00 AM	3:00 PM	8.0	
	Mor	11/2/2009	6:00 AM	5:00 PM	8.0	
	Tue	11/3/2009	6:00 AM	4:30 PM	8.0	
	Wed	11/4/2009	6:00 AM	5:00 PM	8.0	
	Thu	11/5/2009	6:00 AM	4:30 PM	8.0	
	Fri	11/6/2009	11:45 AM	4:30 PM	7.0	
	Mor	11/9/2009	6:00 AM	4:45 PM	7.0	
	Tue	11/10/2009				
	Wed	11/11/2009				
	Thu	11/12/2009				
	Fri	11/13/2009				
	Mor	11/16/2009				
	Tue	11/17/2009				
	Wed	11/18/2009				
	Thu	11/19/2009				
	Fri	11/20/2009				
IW-70-FSB209	Mor					
Group 3 Well	Tue	10/27/2009				
	Wed	10/28/2009	1:30 PM	4:00 PM	14.0	Submersible Pump was set at 85 feet bgs.
	Thu	10/29/2009	6:00 AM	5:00 PM	14.0	
	Fri	10/30/2009	6:00 AM	3:00 PM	12.0	
	Mor	11/2/2009	6:00 AM	5:00 PM	12.0	
	Tue	11/3/2009	6:00 AM	4:30 PM	12.0	
	Wed	11/4/2009	6:00 AM	5:00 PM	12.0	

First Sand Biobarrier (FSB-2)

EVO / Ground Water Metering (5 - 100 gpm)

Multiplier	Gal/Point	Liquid Name		
0.9891198	36,410	Groundwater	36,810.0	EVO Mixture/Well (gal)
0.0108802	400.50	Newman Zone (EVO)		

Total Mix Rate (GPM)		Groundwater 2" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
5	=	4.95	+	0.05
6	=	5.93	+	0.07
7	=	6.92	+	0.08
8	=	7.91	+	0.09
9	=	8.90	+	0.10
10	=	9.89	+	0.11
11	=	10.88	+	0.12
12	=	11.87	+	0.13
13	=	12.86	+	0.14
14	=	13.85	+	0.15
15	=	14.84	+	0.16
16	=	15.83	+	0.17
17	=	16.82	+	0.18
18	=	17.80	+	0.20
19	=	18.79	+	0.21
20	=	19.78	+	0.22
21	=	20.77	+	0.23
22	=	21.76	+	0.24
23	=	22.75	+	0.25
24	=	23.74	+	0.26
25	=	24.73	+	0.27
26	=	25.72	+	0.28
27	=	26.71	+	0.29
28	=	27.70	+	0.30
29	=	28.68	+	0.32
30	=	29.67	+	0.33
31	=	30.66	+	0.34
32	=	31.65	+	0.35
33	=	32.64	+	0.36
34	=	33.63	+	0.37
35	=	34.62	+	0.38
36	=	35.61	+	0.39
37	=	36.60	+	0.40
38	=	37.59	+	0.41
39	=	38.58	+	0.42
40	=	39.56	+	0.44
41	=	40.55	+	0.45
42	=	41.54	+	0.46
43	=	42.53	+	0.47
44	=	43.52	+	0.48
45	=	44.51	+	0.49
46	=	45.50	+	0.50
47	=	46.49	+	0.51
48	=	47.48	+	0.52
49	=	48.47	+	0.53
50	=	49.46	+	0.54

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
51	=	50.45	+	0.55
52	=	51.43	+	0.57
53	=	52.42	+	0.58
54	=	53.41	+	0.59
55	=	54.40	+	0.60
56	=	55.39	+	0.61
57	=	56.38	+	0.62
58	=	57.37	+	0.63
59	=	58.36	+	0.64
60	=	59.35	+	0.65
61	=	60.34	+	0.66
62	=	61.33	+	0.67
63	=	62.31	+	0.69
64	=	63.30	+	0.70
65	=	64.29	+	0.71
66	=	65.28	+	0.72
67	=	66.27	+	0.73
68	=	67.26	+	0.74
69	=	68.25	+	0.75
70	=	69.24	+	0.76
71	=	70.23	+	0.77
72	=	71.22	+	0.78
73	=	72.21	+	0.79
74	=	73.19	+	0.81
75	=	74.18	+	0.82
76	=	75.17	+	0.83
77	=	76.16	+	0.84
78	=	77.15	+	0.85
79	=	78.14	+	0.86
80	=	79.13	+	0.87
81	=	80.12	+	0.88
82	=	81.11	+	0.89
83	=	82.10	+	0.90
84	=	83.09	+	0.91
85	=	84.08	+	0.92
86	=	85.06	+	0.94
87	=	86.05	+	0.95
88	=	87.04	+	0.96
89	=	88.03	+	0.97
90	=	89.02	+	0.98
91	=	90.01	+	0.99
92	=	91.00	+	1.00
93	=	91.99	+	1.01
94	=	92.98	+	1.02
95	=	93.97	+	1.03
96	=	94.96	+	1.04
97	=	95.94	+	1.06
98	=	96.93	+	1.07
99	=	97.92	+	1.08
100	=	98.91	+	1.09

EVO / Ground Water Metering (101 - 200 gpm)

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
101	=	99.90	+	1.10
102	=	100.89	+	1.11
103	=	101.88	+	1.12
104	=	102.87	+	1.13
105	=	103.86	+	1.14
106	=	104.85	+	1.15
107	=	105.84	+	1.16
108	=	106.82	+	1.18
109	=	107.81	+	1.19
110	=	108.80	+	1.20
111	=	109.79	+	1.21
112	=	110.78	+	1.22
113	=	111.77	+	1.23
114	=	112.76	+	1.24
115	=	113.75	+	1.25
116	=	114.74	+	1.26
117	=	115.73	+	1.27
118	=	116.72	+	1.28
119	=	117.71	+	1.29
120	=	118.69	+	1.31
121	=	119.68	+	1.32
122	=	120.67	+	1.33
123	=	121.66	+	1.34
124	=	122.65	+	1.35
125	=	123.64	+	1.36
126	=	124.63	+	1.37
127	=	125.62	+	1.38
128	=	126.61	+	1.39
129	=	127.60	+	1.40
130	=	128.59	+	1.41
131	=	129.57	+	1.43
132	=	130.56	+	1.44
133	=	131.55	+	1.45
134	=	132.54	+	1.46
135	=	133.53	+	1.47
136	=	134.52	+	1.48
137	=	135.51	+	1.49
138	=	136.50	+	1.50
139	=	137.49	+	1.51
140	=	138.48	+	1.52
141	=	139.47	+	1.53
142	=	140.46	+	1.54
143	=	141.44	+	1.56
144	=	142.43	+	1.57
145	=	143.42	+	1.58
146	=	144.41	+	1.59
147	=	145.40	+	1.60
148	=	146.39	+	1.61
149	=	147.38	+	1.62
150	=	148.37	+	1.63

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
151	=	149.36	+	1.64
152	=	150.35	+	1.65
153	=	151.34	+	1.66
154	=	152.32	+	1.68
155	=	153.31	+	1.69
156	=	154.30	+	1.70
157	=	155.29	+	1.71
158	=	156.28	+	1.72
159	=	157.27	+	1.73
160	=	158.26	+	1.74
161	=	159.25	+	1.75
162	=	160.24	+	1.76
163	=	161.23	+	1.77
164	=	162.22	+	1.78
165	=	163.20	+	1.80
166	=	164.19	+	1.81
167	=	165.18	+	1.82
168	=	166.17	+	1.83
169	=	167.16	+	1.84
170	=	168.15	+	1.85
171	=	169.14	+	1.86
172	=	170.13	+	1.87
173	=	171.12	+	1.88
174	=	172.11	+	1.89
175	=	173.10	+	1.90
176	=	174.09	+	1.91
177	=	175.07	+	1.93
178	=	176.06	+	1.94
179	=	177.05	+	1.95
180	=	178.04	+	1.96
181	=	179.03	+	1.97
182	=	180.02	+	1.98
183	=	181.01	+	1.99
184	=	182.00	+	2.00
185	=	182.99	+	2.01
186	=	183.98	+	2.02
187	=	184.97	+	2.03
188	=	185.95	+	2.05
189	=	186.94	+	2.06
190	=	187.93	+	2.07
191	=	188.92	+	2.08
192	=	189.91	+	2.09
193	=	190.90	+	2.10
194	=	191.89	+	2.11
195	=	192.88	+	2.12
196	=	193.87	+	2.13
197	=	194.86	+	2.14
198	=	195.85	+	2.15
199	=	196.83	+	2.17
200	=	197.82	+	2.18

REMEDIATION COMPOUND MASS BALANCE TRACKING

	Container Number	Date Filled	Time Filled	SHB Tanker Volume (gal)	FSB2 Tanker #1 Volume (gal)	FSB2 Tanker #2 Volume (gal)	Container Volume (gal)	
				1 part	4 Parts	4 Parts		
SHB Leftover	1				200		200	*Vironex Tote*
SHB Leftover	2				150		150	*Vironex Tote*
FSB-2 Tanker #1	3	10/13/09	10:25 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	4	10/13/09	2:45 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	5	10/14/09	8:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	6	10/14/09	12:00PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	7	10/14/09	2:13 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	8	10/15/09	8:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	9	10/15/09	12:20 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	10	10/15/09	3:30 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	11	10/16/09	8:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	12	10/16/09	11:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	13	10/16/09	3:15 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	14	10/19/09	8:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	15	10/19/09	11:30 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	16	10/19/09	3:40 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	17	10/20/09	11:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	18	10/23/09	8:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	19	10/26/09	9:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	20	10/26/09	12:15 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	21	10/26/09	3:45 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	22	10/28/09	3:30 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	23	10/29/09	8:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	24	10/29/09	11:00AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	25	10/29/09	3:00 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	26	10/30/09	8:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	27	10/30/09	11:30 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	28	11/2/09	7:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	29	11/2/09	10:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	30	11/2/09	3:15 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	31	11/3/09	6:45 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	32	11/3/09	10:30 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	33	11/3/09	1:50 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	34	11/4/09	8:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	35	11/4/09	11:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	36	11/4/09	2:30 PM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	37	11/5/09	7:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #1	38	11/5/09	9:00 AM	40	160		200	*Vironex Tote*
FSB-2 Tanker #2	39	11/6/09	1:30 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	40	11/9/09	6:45 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	41	11/9/09	11:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	42	11/9/09	3:15 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	43	11/10/09	3:30 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	44	11/11/09	6:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	45	11/11/09	1:00 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	46	11/12/09	6:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	47	11/12/09	8:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	48	11/12/09	3:00 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	49	11/13/09	8:45 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	50	11/16/09	6:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	51	11/16/09	9:15 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	52	11/16/09	3:15 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	53	11/17/09	9:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	54	11/17/09	3:30 PM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	55	11/18/09	10:15 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	56	11/20/09	7:15 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	57	11/23/09	7:30 AM	40		160	200	*Vironex Tote*
FSB-2 Tanker #2	58						0	*Vironex Tote*
FSB-2 Tanker #2	59						0	*Vironex Tote*
FSB-2 Tanker #2	60						0	*Vironex Tote*
				2200	5760	3040	11350	

* Per Bill Newman - a full Agmark Tanker is typically filled \

SHB Leftover Tanker (with Lactate) - this Agmark Tanker was	
3/24/2009	SHB Leftover Tanker arrival date
	SHB Leftover Tanker empty date
689	Days Aging
3,647	Starting EVO SHB Leftover Tanker (plus
2,200	Physical Inventory Removed from SHB L
1,447	Remaining Gal in SHB Leftover Tanker (e
11,938	Remaining Lbs in SHB Leftover Tanker (e

FSB-2 Tanker #1 (without Lactate) - this Agmark Tanker was f	
10/7/2009	FSB-2 Tanker #1 arrival date
11/5/2009	FSB-2 Tanker #1 empty date
492	Days Aging
5,552	Starting EVO in FSB-2 Tanker #1 (plus le
5,760	Physical Inventory Removed from FSB-2
-208	Remaining Gal in FSB-2 Tanker #1 (estim
-1,720	Remaining Lbs in FSB-2 Tanker #1 (estin

FSB-2 Tanker #2 (without Lactate) - this Agmark Tanker was f	
11/5/2009	FSB-2 Tanker #2 arrival date
	FSB-2 Tanker #2 empty date
463	Days Aging
5,338	Starting EVO in FSB-2 Tanker #2
3,040	Physical Inventory Removed from FSB-2
2,298	Remaining Gal in FSB-2 Tanker #2 (estim
18,960	Remaining Lbs in FSB-2 Tanker #2 (estin

Average Volume Per Well (gal)	36,810
EVO Required Per Well (gal)	370.0
Dilution Water Required Per Well (gal)	36,440.0
Total Number of Wells	29
Total Oil Required (gal)	11,340
Total Water Required (gal)	1,056,760
Total Volume from all Agmark Tanks (gal)	14,537
Physical Inventory Removed from Agmark Tanks (gal)	11,350
Remaining Volume in Agmark Tanks (gal)	3,187
EVO Required for Barrier (gal)	11,340.0
EVO Injected to date (gal)	11,340.0
Remaining EVO needed (gal)	0.0

400.5	← 42.5% Oil Per Well (gal)	
370.0	← 46% Oil Per Well)gal)	
0.01088019560	42.5% Oil Multiplier (10/9/09) - (Group 1 & 2)	← 42.5% Oil Content
0.01005161641	46% Oil Multiplier (10/9/09) - (Group 3)	← 46% Oil Content
0.98911980440	42.5% Oil Water Multiplier (10/9/09) - (Group 1 & 2)	← 42.5% Oil Content
0.98994838359	46% Oil Water Multiplier (10/9/09) - (Group 3)	← 46% Oil Content

			Copy & Paste Multiplie
Oil Gal →	400.50	→	0.01088019560
Oil Gal →	370.00	→	0.01005161641
Water Gal →	36,409.50	→	0.98911980440
Water Gal →	36,440.00	→	0.98994838359

Manifold Number 1

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB201		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	16	9.7	39.1	3558	3597	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	16	8.9	56.3	5117	5173	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	10	8.7	62.0	5640	5702	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	13	9.5	59.0	5361	5420	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	17	9.5	65.9	5990	6056	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	11:55 AM	21	9.6	38.1	3462	3500	50 gallon flush at end of the day
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-

				Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	10/23/2009	9:40 AM	11:47 AM	0	3.7	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:02 am

20% Volume									
	Fri	10/23/2009	12:15 PM	3:00 PM	15	8.1	13.7	1247	1261	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	4:30 PM	18	5.3	35.4	3215	3250	50 gallon flush at end of the day
	Tue	10/27/2009	6:00 AM	5:30 PM	0	4.3	26.2	2380	2406	50 gallon flush at end of the day
	Wed	10/28/2009	6:00 AM	8:35 AM	1	3.4	4.8	440	445	50 gallon flush
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB202		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	5	8.8	11.5	1045	1056	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	4	6.2	42.7	3886	3929	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	7	7.6	45.7	4150	4196	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	5	7.4	56.5	5138	5195	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	5	7.1	54.1	4922	4976	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	9	67.3	6122	6189	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	12:45 PM	5	9.7	42.5	3864	3907	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.4	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:26am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	6.7	21.1	1922	1943	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:40 PM	5	8.1	59.0	5360	5419	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB203		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	22	6.1	17.2	1692	1709	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	20	6.6	45.8	4508	4554	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	20	7.1	48.9	4818	4867	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	20	7.3	44.6	4388	4433	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	20	7.1	48.4	4764	4812	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	20	7.1	48.0	4730	4778	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	4:30 PM	20	6.8	43.2	4252	4295	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	4:00 PM	4	3	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:12 pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	8	3.7	20.9	2062	2083	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	12	3.6	23.7	2333	2357	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	4:45 PM	18	3.9	26.1	2569	2595	50 gallon flush at end of the day
	Wed	11/25/2009	5:30 AM	7:05 AM	15	3.7	3.3	324	327	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 2

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB204		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	7	8.3	36.2	3291	3327	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	12	10.31	57.0	5186	5243	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	6	8.9	64.1	5828	5892	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	9	9.8	59.9	5450	5510	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	12	9.9	70.1	6375	6445	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	10:55 AM	15	10.3	33.0	2998	3031	50 gallon flush at end of the day
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		10/23/2009	9:40 AM	11:48 AM	1	5.2	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:04 am
20% Volume	Fri	10/23/2009	12:15 PM	3:00 PM	15	10	17.0	1545	1562	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	3:50 PM	19	9.5	63.1	5737	5800	50 gallon flush at end of the day
	Tue	10/27/2009					0.0	0	0	
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB205		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	8.9	13.5	1227	1241	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	8.6	57.5	5229	5287	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	7.6	43.3	3939	3982	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	9	60.4	5495	5555	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	5	9	59.7	5426	5486	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	5	9	58.4	5313	5371	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	11:35 AM	0	7.5	27.5	2499	2526	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.4	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:29am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.8	26.0	2364	2390	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:30 PM	4	7	54.1	4918	4972	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB206		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	8	20.4	2008	2028	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	3	8.8	60.6	5966	6027	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.7	54.4	5357	5411	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.2	45.2	4453	4498	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.8	46.1	4538	4584	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.7	42.3	4162	4204	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	12:05 PM	0	6.8	27.1	2669	2696	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:35 PM	0	6.6	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:15 pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	5	7	37.3	3678	3715	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:30 PM	14	6.7	36.7	3610	3647	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 3

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB207		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	3	9.8	47.8	4342	4390	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	5	9.8	64.2	5836	5900	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	5	10.2	73.3	6663	6736	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	7	11.2	69.8	6345	6415	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	2:10 PM	9	11.7	65.4	5942	6007	50 gallon flush at end of the day
	Tue	10/20/2009				0	0.0	0	0	
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-

				Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	10/23/2009	9:40 AM	12:10 PM	0	7.1	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:05 am

20% Volume									
	Fri	10/23/2009	12:15 PM	3:00 PM	8	10	18.5	1678	1696	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	3:15 PM	2	10	61.6	5604	5666	50 gallon flush at end of the day
	Tue	10/27/2009					0.0	0	0	
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB208		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	9.6	13.6	1237	1251	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	8.4	57.6	5234	5292	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	8	45.7	4156	4202	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	8.8	60.7	5522	5583	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	1	9	59.0	5362	5421	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	8.6	53.7	4886	4940	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	12:50 PM	0	6.7	30.0	2729	2759	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.8	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:31am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.8	25.9	2352	2378	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:45 PM	3	8.6	54.2	4930	4984	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB209		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	7.6	19.6	1929	1949	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	1	8.9	61.0	6007	6068	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.9	54.1	5331	5385	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.4	45.5	4485	4531	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.6	46.0	4534	4580	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.4	42.6	4191	4234	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	12:05 PM	0	6.6	27.1	2674	2701	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:35 PM	0	6.6	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:15pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	0	7	37.2	3663	3700	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:35 PM	3	6.7	36.8	3625	3662	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 4

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB210		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	0	9.3	50.2	4561	4611	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	0	9.8	65.0	5905	5970	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	0	10.3	77.3	7028	7105	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	4	11.7	70.6	6416	6487	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	12:20 PM	8	13.3	57.4	5218	5275	50 gallon flush at end of the day
	Tue	10/20/2009				0	0.0	0	0	
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		10/23/2009	9:40 AM	12:05 PM	0	6.2	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:07 am
20% Volume	Fri	10/23/2009	12:15 PM	3:00 PM	0	10	17.1	1555	1572	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	3:25 PM	1	9.8	63.0	5727	5790	50 gallon flush at end of the day
	Tue	10/27/2009					0.0	0	0	
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB211		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	10.3	14.6	1326	1341	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	7.9	59.2	5383	5442	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	8	44.8	4069	4114	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	8	54.8	4980	5035	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	0	9.2	59.1	5377	5436	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	8.3	55.6	5054	5110	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	1:20 PM	0	6.5	32.3	2938	2970	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.7	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:32am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.7	24.2	2199	2223	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:40 PM	0	6.5	55.9	5083	5139	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB212		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	6.4	20.6	2027	2048	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	0	8	56.7	5586	5643	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.8	52.4	5159	5211	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.6	46.7	4595	4642	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.9	47.7	4695	4743	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.7	42.3	4167	4209	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	1:00 PM	0	6.6	29.7	2922	2952	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:30 PM	6	6.8	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:17pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	10	6.5	35.1	3458	3493	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	18	7.3	35.7	3519	3555	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	6:30 AM	15	6	3.2	311	314	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 5

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB213		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	4	9.8	48.9	4449	4498	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	0	8.16	59.8	5434	5494	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	6	10.7	71.6	6509	6581	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	9	11	67.9	6170	6238	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	3	7	45.6	4147	4193	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	1:20 PM	0	6	26.6	2417	2444	50 gallon flush at end of the day
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		10/23/2009	9:40 AM	12:11 PM	0	3.1	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:10 am
20% Volume	Fri	10/23/2009	12:15 PM	3:00 PM	0	5.4	10.6	966	977	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	4:30 PM	2	5.3	35.6	3240	3276	50 gallon flush at end of the day
	Tue	10/27/2009	6:00 AM	5:30 PM	0	3.9	28.9	2624	2653	50 gallon flush at end of the day
	Wed	10/28/2009	6:00 AM	8:30 AM	1	3.3	5.0	451	456	50 gallon flush
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB214		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	9.9	14.0	1274	1288	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	1	8	54.5	4951	5005	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	2	6.7	40.2	3653	3693	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	10	7.4	53.3	4847	4900	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	11	7.1	48.3	4388	4436	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	12	7.7	57.2	5204	5261	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	2:50 PM	16	9.2	52.9	4812	4865	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	4.7	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @10:34am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	10	7.3	23.1	2099	2122	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:20 PM	12	8.8	57.0	5183	5240	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB215		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	8.7	22.3	2194	2216	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	0	8	56.6	5578	5635	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.5	52.7	5185	5238	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.8	47.5	4674	4721	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.7	45.3	4460	4505	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.6	43.5	4280	4323	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	12:20 PM	0	6.4	28.2	2782	2810	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:30 PM	0	6.4	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:19pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	4	7	37.5	3693	3731	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:30 PM	13	6.8	36.5	3595	3631	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 6

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB216		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	25	7	27.8	2524	2552	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	0	3.9	33.0	2997	3030	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	3	3.6	31.0	2822	2853	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	2	4.9	33.9	3086	3120	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	2	5.2	36.9	3354	3391	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	5:00 PM	4.5	4.8	35.7	3248	3284	50 gallon flush at end of the day
	Wed	10/21/2009	6:00 AM	4:45 PM	0	3	19.5	1771	1790	50 gallon flush at end of the day
	Thurs	10/22/2009	6:00 AM	4:00 PM	1	2.7	17.6	1602	1620	50 gallon flush at end of the day
	Fri	10/23/2009				0	0.0	0	0	KB-1 was added today to this well with 21,676 gallons of the 80% injected.
	Mon	10/26/2009	6:00 AM	4:30 PM	0	2.5	15.7	1429	1445	50 gallon flush at end of the day
	Tue	10/27/2009	6:00 AM	5:30 PM	0	2.4	16.6	1507	1524	50 gallon flush at end of the day
	Wed	10/28/2009	6:00 AM	4:00 PM	1	2.5	14.2	1292	1306	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	2.5	16.1	1466	1482	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	1	2.4	13.0	1184	1197	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	11:23 AM	10	2.5	9.3	845	854	50 gallon flush at end of the day
							320	**29128**	**29448**	-

				Anox PSI	Anox Flow	Screen Interva	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	10/23/2009	9:40 AM	4:00 PM	10	2	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 12:05 pm

20% Volume	Mon	11/2/2009	11:23 AM	5:00 PM	10	2.5	8.8	796	805	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	10	2.5	16.3	1480	1496	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	10	2.5	18.2	1652	1670	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	4:30 PM	10	2.8	18.5	1682	1701	50 gallon flush at end of the day
	Fri	11/6/2009	6:00 AM	4:30 PM	10	2.5	12.8	1163	1176	9:20 AM stopped pumping for KB-1 injection in group 2. Resumed pumping at 11:45 AM 250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	10:45 AM	10	2.2	5.6	508	514	50 gallon flush at end of the day
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB217		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	10.5	14.4	1306	1320	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	7.3	55.4	5039	5094	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	7.8	44.0	3998	4042	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	7.8	55.9	5079	5135	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	0	8.6	59.4	5397	5456	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	7.7	56.4	5132	5188	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	12:40 PM	0	7.5	35.0	3178	3213	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.4	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:36am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.5	25.2	2287	2312	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:35 PM	3	8.3	54.9	4995	5050	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB218		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	7.2	20.1	1977	1997	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	0	8.2	57.5	5667	5725	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.5	53.0	5217	5270	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.5	46.5	4576	4622	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.8	46.7	4598	4645	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.8	42.9	4228	4271	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	1:00PM	0	6.8	29.3	2889	2918	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:30 PM	4	6.4	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:21pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	9	6.9	35.8	3523	3559	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	16	6.6	36.5	3597	3634	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	6:15 AM	17	5.5	1.7	167	169	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 7

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB219		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	0	9.1	49.1	4464	4513	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	0	5.43	63.3	5757	5820	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	4	10.3	78.9	7173	7252	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	6	11.4	68.7	6241	6310	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	12:40 PM	10	13.2	60.4	5493	5553	50 gallon flush at end of the day
	Tue	10/20/2009				0	0.0	0	0	
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-

				Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	10/23/2009	9:40 AM	12:10 PM	0	5	65.5' - 100.5'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:12 am

20% Volume									
	Fri	10/23/2009	12:15 PM	3:00 PM	3	10	17.4	1586	1603	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	2:40 PM	1	10	62.7	5696	5759	50 gallon flush at end of the day
	Tue	10/27/2009					0.0	0	0	
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB220		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	10.2	14.2	1288	1302	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	7.4	51.8	4711	4763	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	7.7	44.2	4023	4067	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	8	57.9	5260	5318	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	0	8.2	58.2	5288	5346	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	7.6	55.5	5047	5103	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	1:30 PM	0	8.3	38.6	3510	3549	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.4	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:40am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.7	25.5	2320	2346	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:30 PM	3	8.2	54.6	4961	5016	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB221		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	19	7.5	21.0	2064	2085	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	16	7.5	52.2	5139	5191	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	15	7.9	52.8	5201	5254	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	13	7.3	45.1	4446	4491	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	15	6.7	45.5	4484	4530	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	15	6.7	42.0	4141	4183	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	3:00 PM	10	6.7	37.3	3677	3714	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:30 PM	14	6.6	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:23pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	16	6.7	33.4	3289	3322	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	19	6.4	35.8	3526	3562	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	7:10 AM	16	5	4.8	473	478	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 8

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB222		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	16	4	21.1	1921	1942	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	16	6.55	35.5	3229	3265	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	10	5.1	36.2	3287	3323	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	14	5.9	37.4	3400	3437	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	18	6.7	47.6	4326	4374	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	5:00 PM	20	9.3	60.2	5472	5532	50 gallon flush at end of the day
	Wed	10/21/2009	6:00 AM	4:45 PM	22	8.3	57.2	5198	5255	50 gallon flush at end of the day
	Thurs	10/22/2009	6:00 AM	11:20 AM	22	8.7	25.2	2295	2320	50 gallon flush at end of the day
	Fri					0	0.0	0	0	
									29448	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		10/23/2009	9:40 AM	12:20 PM	13	4.6	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:15 am
20% Volume	Fri	10/23/2009	12:20 PM	3:00 PM	15	6	10.6	962	973	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	4:30 PM	20	5.9	42.6	3872	3915	50 gallon flush at end of the day
	Tue	10/27/2009	6:00 AM	12:55 PM	18	5.8	26.9	2447	2474	50 gallon flush at end of the day
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB223		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	10	3.2	5.0	450	455	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	1	7.4	45.3	4118	4163	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	8	45.2	4109	4154	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	8.4	59.6	5418	5478	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	0	8.5	58.8	5347	5406	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	0	8.2	61.0	5543	5604	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	1:20 PM	0	9.4	45.6	4142	4188	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.6	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:42am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.6	25.4	2308	2333	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:25 PM	0	6.8	54.7	4974	5029	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-FSB224		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	0	8.4	21.0	2065	2086	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	0	8.6	59.9	5897	5957	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	0	7.8	52.5	5174	5227	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	0	7.5	46.6	4594	4641	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	0	6.8	46.5	4583	4630	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	0	6.7	41.5	4091	4133	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	12:45 PM	0	6.6	27.9	2746	2774	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:30 PM	0	6.3	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:26pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	0	6.9	35.7	3515	3551	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	0	6.5	35.0	3445	3480	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	6:45 AM	2	5	3.3	328	331	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 9

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-BSB225		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	11	9.7	40.6	3693	3734	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	12	9.86	54.0	4906	4960	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	7	8.1	58.5	5318	5376	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	10	8.7	54.7	4972	5027	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	4:00 PM	14	8.9	62.6	5686	5749	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	2:00 PM	17	10.5	50.1	4552	4602	50 gallon flush at end of the day
	Wed	10/21/2009				0	0.0	0	0	
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		10/23/2009	9:40 AM	12:00 PM	11	6.1	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:18 am
20% Volume	Fri	10/23/2009	12:15 PM	3:00 PM	15	7.6	12.5	1137	1150	250 gallon flush at end of the day
	Mon	10/26/2009	6:00 AM	4:30 PM	20	7.4	53.3	4848	4901	50 gallon flush at end of the day
	Tue	10/27/2009	6:00 AM	9:30 AM	19	7.2	14.3	1297	1311	50 gallon flush at end of the day
	Wed	10/28/2009					0.0	0	0	
	Thurs	10/29/2009					0.0	0	0	
	Fri	10/30/2009					0.0	0	0	
									7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-BSB226		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	8.7	12.8	1167	1180	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	8.1	53.5	4866	4920	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	7	42.0	3816	3858	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	0	8.5	58.3	5302	5360	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	5	8.6	57.8	5255	5313	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	5	8.1	58.9	5354	5413	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	1:15 PM	2	8.2	37.0	3367	3404	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:35 AM	0	5.5	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:44am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.6	25.1	2285	2310	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:20 PM	8	6.9	55.0	4997	5052	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-BSB227		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Tue	11/10/2009	12:15 PM	4:45 PM	18	6.9	19.3	1900	1919	50 gallon flush at end of the day
	Wed	11/11/2009	5:30 AM	5:00 PM	19	6.6	45.3	4465	4510	50 gallon flush at end of the day
	Thurs	11/12/2009	5:30 AM	5:00 PM	20	6.7	50.9	5010	5061	50 gallon flush at end of the day
	Fri	11/13/2009	5:45 AM	4:00 PM	20	7.4	45.9	4523	4569	250 gallon flush at end of the day
	Mon	11/16/2009	5:45 AM	5:00 PM	20	7.1	47.9	4717	4765	50 gallon flush at end of the day
	Tue	11/17/2009	5:45 AM	5:00 PM	20	7.1	46.6	4585	4632	50 gallon flush at end of the day
	Wed	11/18/2009	6:00 AM	3:50 PM	20	6.8	40.1	3952	3992	50 gallon flush at end of the day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
							296	**29152**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/19/2009	1:45 PM	3:40 PM	20	5.6	65'-100'	3.3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 2:27pm
20% Volume	Fri	11/20/2009	5:30 AM	3:00 PM	20	5.8	25.6	2517	2543	250 gallon flush at end of the day
	Mon	11/23/2009	5:30 AM	4:45 PM	20	4.2	25.5	2510	2535	50 gallon flush at end of the day
	Tue	11/24/2009	5:30 AM	2:30 PM	20	4.5	23.0	2261	2284	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							74	**7288**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	370	36,440	36,810
Scope Amount	3	500	370.0	36,440	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-BSB228		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Mon	10/12/2009	7:30 AM	2:30 PM		0	0.0	0	0	Finish Setting up and Testing System today, all stinger pipes installed at 85 feet.
	Tues	10/13/2009	9:00 AM	4:00 PM	14	9.3	37.8	3435	3473	Begin testing with water only at 8:30 am, oil injection started at 9:00 am. 50 gallon flush at end of the day
	Wed	10/14/2009	7:00 AM	5:00 PM	18	8.95	49.5	4500	4550	50 gallon flush at end of the day
	Thurs	10/15/2009	6:00 AM	5:15 PM	9	7.2	50.1	4556	4606	50 gallon flush at end of the day
	Fri	10/16/2009	5:50 AM	3:50 PM	13	7.5	46.5	4226	4272	250 gallon flush at end of the day
	Mon	10/19/2009	5:30 AM	12:00 AM	17	7.8	48.3	4387	4435	50 gallon flush at end of the day
	Tue	10/20/2009	6:00 AM	5:00 PM	18	9.4	59.9	5442	5502	50 gallon flush at end of the day
	Wed	10/21/2009	6:00 AM	11:15 AM	22	8.2	28.4	2582	2610	50 gallon flush at end of the day
	Thurs	10/22/2009				0	0.0	0	0	
	Fri					0	0.0	0	0	
									29448	-

				Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water	10/23/2009	9:40 AM	12:00 PM	13	5.9	65'-100'	3.27	500	250 gal of Anoxic Water followed with 3.27 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 11:20 am

20% Volume									
Fri	10/23/2009	12:15 PM	3:00 PM	20	6.7	11.4	1033	1044	250 gallon flush at end of the day
Mon	10/26/2009	6:00 AM	4:30 PM	20	6.6	39.7	3608	3648	50 gallon flush at end of the day
Tue	10/27/2009	6:00 AM	1:10 PM	20	6.5	29.1	2641	2670	50 gallon flush at end of the day
Wed	10/28/2009					0.0	0	0	
Thurs	10/29/2009					0.0	0	0	
Fri	10/30/2009					0.0	0	0	
								7362	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.3	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	(0)	-	-	-	-

Manifold Number 10

Injection Scope Inject groundwater and EVO into 29 wells. A total EVO mixture of 36,810 gallons will be injected into each well (29,448 gal 80% EVO + 250 gal Anox + 3 Liters KB-1 + 250 gal Anox + 7,362 gal 20% EVO).

IW-70-BSB229		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Volume	Wed	10/28/2009	1:30 PM	4:00 PM	0	8.4	13.2	1197	1210	50 gallon flush at end of the day
	Thurs	10/29/2009	6:00 AM	5:00 PM	0	8	54.5	4957	5012	50 gallon flush at end of the day
	Fri	10/30/2009	6:00 AM	3:00 PM	0	7.3	42.0	3816	3858	250 gallon flush at end of the day
	Mon	11/2/2009	6:00 AM	5:00 PM	9	8.7	62.4	5673	5735	50 gallon flush at end of the day
	Tue	11/3/2009	6:00 AM	4:30 PM	8	8.6	59.0	5361	5420	50 gallon flush at end of the day
	Wed	11/4/2009	6:00 AM	5:00 PM	10	8.7	58.4	5308	5366	50 gallon flush at end of the day
	Thurs	11/5/2009	6:00 AM	1:35 PM	0	6	31.0	2816	2847	50 gallon flush at end of the day
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							320	**29128**	**29448**	-
					Anox PSI	Anox Flow	Screen Interval	KB-1 Liters	Anox Gal	
KB-1 / Anaerobic Water		11/6/2009	9:20 AM	11:40 AM	0	5.5	65'-100'	3	500	250 gal of Anoxic Water followed with 3 Liters (Kg) of KB1 followed with 250 gal Anoxic Water. KB1 was introduced at @ 10:45am
20% Volume	Fri	11/6/2009	11:45 AM	4:30 PM	0	8.8	25.3	2301	2326	250 gallon flush at end of the day
	Mon	11/9/2009	6:00 AM	4:35 PM	8	8	54.8	4981	5036	50 gallon flush at end of the day
	Tue					0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
						0	0.0	0	0	
							80	**7282**	**7362**	-

	KB-1 Injected	Anaerobic Injected	EVO Injected	Groundwater Injected	Combined Mixture
Current Totals	3.0	500	401	36,409	36,810
Scope Amount	3	500	401	36,409	36,810
Balance Remaining	-	-	-	-	-

Injection Well Summary - Shell Horizon Biobarrier (SHB-1)

Well ID	Total Amended Well Volume	Total Screen Length (ft)	Total KB-1 Per Well (liters)	Total Anoxic Water Per Well (gal)	Total Injected	Balance Remaining	Shallow Screen Interval	Shallow Screen Length	Shallow Screen 80% (gal)	Injected Shallow 80% (gal)	Shallow Screen KB-1 (liters)	Shallow Screen 20% (gal)	Injected Shallow 20% (gal)	Shallow Screen Volume	Deep Screen Interval	Deep Screen Length	Deep Screen 80% (gal)	Injected Deep 80% (gal)	Deep Screen KB-1 (liters)	Deep Screen 20% (gal)	Injected Deep 20% (gal)	Deep Screen Volume
IW-70-SHB101	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB102	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB103	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB104	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB105	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB106	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB107	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB108	15,443	20	3.0	350	15,443	0	105'-110'	5	3,089	3,089	0.75	772	772	3,861	115'-130'	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB109	19,304	25	3.0	350	19,304	0	100'-110'	10	6,177	6,177	1.20	1,544	1,545	7,722	115'-130'	15	9,266	9,266	1.80	2,316	2,316	11,582
IW-70-SHB110	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB111	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,177	1.50	1,544	1,545	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB112	19,304	25	3.0	350	19,304	0	100'-110'	10	6,177	6,177	1.20	1,544	1,545	7,722	115'-130'	15	9,266	9,266	1.80	2,316	2,316	11,582
IW-70-SHB113	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB114	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB115	19,304	25	3.0	350	19,304	0	105'-110'	5	3,089	3,089	0.60	772	772	3,861	110'-130'	20	12,355	12,355	2.40	3,089	3,089	15,443
IW-70-SHB116	15,443	20	3.0	350	15,443	0	105'-110'	5	3,089	3,089	0.75	772	772	3,861	115'-130'	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB117	15,443	20	3.0	350	15,443	0	105.5-110.5	5	3,089	3,089	0.75	772	772	3,861	115.5'-130.5	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB118	19,304	25	3.0	350	19,304	0	100'-110'	10	6,177	6,177	1.20	1,544	1,545	7,722	115'-130'	15	9,266	9,266	1.80	2,316	2,316	11,582
IW-70-SHB119	19,304	25	3.0	350	19,304	0	100'-110'	10	6,177	6,178	1.20	1,544	1,544	7,722	115'-130'	15	9,266	9,266	1.80	2,316	2,317	11,582
IW-70-SHB120	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB121	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB122	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,544	7,722
IW-70-SHB123	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,177	1.50	1,544	1,545	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,544	7,722
IW-70-SHB124	15,443	20	3.0	350	15,443	0	105'-110'	5	3,089	3,089	0.75	772	772	3,861	115'-130'	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB125	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB126	15,443	20	3.0	350	15,443	0	105'-110'	5	3,089	3,089	0.75	772	772	3,861	115'-130'	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB127	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	103.5'-128.5	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB128	19,304	25	3.0	350	19,304	0	0	0	-	-	-	-	-	-	105'-130'	25	15,443	15,443	3.00	3,861	3,861	19,304
IW-70-SHB129	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB130	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB131	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB132	15,443	20	3.0	350	15,443	0	105'-110'	5	3,089	3,089	0.75	772	772	3,861	115'-130'	15	9,266	9,266	2.25	2,316	2,316	11,582
IW-70-SHB133	15,443	20	3.0	350	15,443	0	100'-110'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB134	15,443	20	3.0	350	15,443	0	105'-115'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
IW-70-SHB135	11,582	15	3.0	350	11,582	0	105'-110'	5	3,089	3,089	1.00	772	772	3,861	120'-130'	10	6,177	6,177	2.00	1,544	1,544	7,722
IW-70-SHB136	11,582	15	3.0	350	11,582	0	105'-110'	5	3,089	3,089	1.00	772	772	3,861	120'-130'	10	6,177	6,177	2.00	1,544	1,544	7,722
IW-70-SHB137	15,443	20	3.0	350	15,443	0	105'-115'	10	6,177	6,178	1.50	1,544	1,544	7,722	120'-130'	10	6,177	6,177	1.50	1,544	1,545	7,722
Totals	633,169	820	111	12,950	633,158				120,457	120,461	28	30,114	30,111	150,571			386,079	386,074	83	96,520	96,512	482,598
		772.16	Amendment per ft screen							(4)	Gal Remaining		3	Gal Remaining				5	Gal Remaining		7	Gal Rema

Table 4.2 (2/29/08) A	EVO/well	GW/well	Total/well	Total EVO	Total GW	Total Amended Gal
16 wells (25' scr)	194	19110	19,304	3,492	343,980	347,472
20 wells (20' scr)	155	15288	15,443	2,635	259,896	262,531
1 well (15' scr)	117	11466	11,583	234	22,932	23,166
	466	45864	46,330	6,361	626,808	633,169

Table 7.3 (3/4/08)	EVO	GW	Total Gal	KB-1	Anoxic
Grp #1	1,745	171990	173,735	30	3,500
Grp #2	1,590	156702	158,292	27	3,150
Grp #3	1,513	149058	150,571	27	3,150
Grp #4	1,474	145236	146,710	27	3,150
	6,322	622986	629,308	111	12,950

Injection Summary - Shell Horizon Biobarrier (SHB-1)

	Date	Total EVO Injected (Gal)	Total Groundwater Injected (Gal)	Total Volume Injected (Gal)	Combined Injection Rate per Well Group (gpm)	Average Injection Rate per well screened interval (gpm)
Wednesday	2/24/2010					
Thursday	2/25/2010	401	39,534	39,935	69.2	4.6
Friday	2/26/2010	417	41,089	41,506	70.1	4.7
Monday	3/1/2010	415	40,915	41,331	65.4	4.4
Tuesday	3/2/2010	240	23,654	23,895	59.7	4.0
Wednesday	3/3/2010	16	1,572	1,588	5.0	0.3
Thursday	3/4/2010	204	20,096	20,300	61	4.1
Friday	3/5/2010	168	16,593	16,761	68	4.5
Monday	3/8/2010	355	35,016	35,371	52	3.7
Tuesday	3/9/2010	402	39,583	39,985	62	4.4
Wednesday	3/10/2010	399	39,320	39,719	61	4.4
Thursday	3/11/2010	178	17,558	17,736	60	4.3
Friday	3/12/2010	93	9,191	9,284	64	4.5
Monday	3/15/2010	240	23,675	23,916	61	4.4
Tuesday	3/16/2010					
Wednesday	3/17/2010					
Thursday	3/18/2010	402	39,609	40,011	64	4.0
Friday	3/19/2010	405	39,902	40,307	71	4.4
Monday	3/22/2010	234	23,028	23,262	67	4.2
Tuesday	3/23/2010	107	10,591	10,699	29	1.8
Wednesday	3/24/2010					
Thursday	3/25/2010					
Friday	3/26/2010	180	17,763	17,943	78	4.9
Monday	3/29/2010	225	22,197	22,423	135	8.4
Tuesday	3/30/2010	422	41,544	41,966	66	3.9
Wednesday	3/31/2010	381	37,550	37,932	70	4.1
Thursday	4/1/2010	196	19,302	19,498	45	2.6
Friday	4/2/2010					
Monday	4/5/2010					
Tuesday	4/6/2010	212	20,869	21,081	64	4.3
Wednesday	4/7/2010	67	6,646	6,713	46	3.0
Thursday	4/8/2010					
Friday	4/9/2010					
	Totals	6,361	626,797	633,158	59.7	4.1

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SHB0102	Thu Wed	2/24/2010				Finalized Set-up and perfomed water injection testing
Section 1	Fri	2/25/2010	7:00 AM	4:45 PM	12.0	
Group 2 Well	Mon	2/26/2010	4:30 AM	2:45 PM	12.0	
	Tue	3/1/2010	6:00 AM	4:45 PM	12.0	
	Wed	3/2/2010	5:15 AM	10:45 AM	12.0	
	Thu	3/3/2010				
	Fri	3/4/2010	11:15 AM	4:45 PM	11.0	
	Mon	3/5/2010	5:00 AM	9:45 AM	11.0	
	Tue	3/8/2010				
	Wed	3/9/2010				
	Thu	3/10/2010				
	Fri	3/11/2010				
	Mon	3/12/2010				
	Tue	3/15/2010				
	Wed	3/16/2010				
	Thu	3/17/2010				
		3/18/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SHB0101	3/8/2010	5:30 AM	4:45 PM	10.0	
Section 1	3/9/2010	4:45 AM	4:30 PM	10.0	
Group 1 Well	3/10/2010	5:15 AM	4:30 PM	10.0	
	3/11/2010	5:30 AM	10:40 AM	10.0	
	3/12/2010	1:35 PM	4:00 PM	10.0	
	3/15/2010	5:30 AM	2:00 PM	8.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				
IW-70-SHB0103	3/8/2010	5:30 AM	4:45 PM	3.0	
Section 1	3/9/2010	4:45 AM	4:30 PM	3.0	
Group 1 Well	3/10/2010	5:15 AM	4:30 PM	3.0	static water level is low around 54'
	3/11/2010	5:30 AM	10:35 AM	3.0	
	3/12/2010	1:35 PM	4:00 PM	3.0	
	3/15/2010	5:30 AM	2:00 PM	3.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				
IW-70-SHB0105	3/8/2010	5:30 AM	4:45 PM	10.0	
Section 1	3/9/2010	4:45 AM	4:30 PM	10.0	
Group 1 Well	3/10/2010	5:15 AM	4:30 PM	10.0	
	3/11/2010	5:30 AM	10:30 AM	10.0	
	3/12/2010	1:35 PM	4:00 PM	10.0	
	3/15/2010	5:30 AM	2:00 PM	8.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				
IW-70-SHB0107	3/8/2010	5:30 AM	4:45 PM	2.0	
Section 1	3/9/2010	4:45 AM	4:30 PM	2.0	
Group 1 Well	3/10/2010	5:15 AM	4:30 PM	9.0	3" pump removed 4" installed
	3/11/2010	5:30 AM	11:20 AM	9.0	
	3/12/2010	1:35 PM	4:00 PM	9.0	
	3/15/2010	5:30 AM	2:00 PM	9.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				
IW-70-SHB0109	3/8/2010				no pump installed
Section 1	3/9/2010				
Group 1 Well	3/10/2010	6:45 AM	4:30 PM	9.0	4" pump installed
	3/11/2010	5:30 AM	10:30 AM	9.0	
	3/12/2010	1:35 PM	4:00 PM	9.0	
	3/15/2010	5:30 AM	2:00 PM	9.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				
IW-70-SHB0111	3/8/2010	5:30 AM	4:45 PM	8.0	
Section 1	3/9/2010	4:45 AM	4:30 PM	8.0	
Group 1 Well	3/10/2010	5:15 AM	4:30 PM	8.0	
	3/11/2010	5:30 AM	11:20 AM	8.0	
	3/12/2010	1:35 PM	4:00 PM	8.0	
	3/15/2010	5:30 AM	2:00 PM	7.0	
	3/16/2010				
	3/17/2010				
	3/18/2010				
	3/19/2010				
	3/22/2010				
	3/23/2010				
	3/24/2010				
	3/25/2010				
	3/26/2010				

Well ID No.		Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SHB120	Thu	3/18/2010	5:30 AM	4:45 PM	10.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	9.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	7:40 AM	9.0	
	Tue	3/23/2010				
	Wed	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	9.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				
IW-70-SHB122	Thu	3/18/2010	5:30 AM	4:45 PM	10.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	8.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	9:45 AM	8.0	
	Tue	3/23/2010				
	We	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	7.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				
IW-70-SHB124	Thu	3/18/2010	5:30 AM	4:45 PM	10.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	10.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	3:45 PM	10.0	
	Tue	3/23/2010	5:30 AM	2:30 PM	8.0	
	We	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	11.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				
IW-70-SHB126	Thu	3/18/2010	5:30 AM	4:45 PM	3.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	3.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	3:45 PM	3.0	
	Tue	3/23/2010	5:30 AM	2:35 PM	3.0	
	We	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	3.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				
IW-70-SHB128	Thu	3/18/2010	5:30 AM	4:45 PM	10.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	10.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	3:45 PM	10.0	
	Tue	3/23/2010	5:30 AM	3:00 PM	8.0	
	We	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	9.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				
IW-70-SHB130	Thu	3/18/2010	5:30 AM	4:45 PM	10.0	
Section 2	Fri	3/19/2010	5:00 AM	3:45 PM	10.0	
Group 2 Well	Mon	3/22/2010	5:15 AM	8:30 AM	10.0	
	Tue	3/23/2010				
	We	3/24/2010				
	Thu	3/25/2010				
	Fri	3/26/2010	11:20 AM	4:00 PM	11.0	
	Mo	3/29/2010	5:15 AM			
	Tue	3/30/2010				
	We	3/31/2010				
	Thu	4/1/2010				
	Fri	4/2/2010				Vironex Holiday
	Mo	4/5/2010				
	Tue	4/6/2010				
	We	4/7/2010				
	Thu	4/8/2010				
	Fri	4/9/2010				

Well ID No.	Date	Start Time	End Time	Average Extraction Flow Rate	Well Notes
IW-70-SHB121	3/29/2010	1:30 PM	4:45 PM	12.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	12.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	12.0	
	4/1/2010	5:00 AM	5:50 AM	12.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	10.0	
	4/7/2010	5:30 AM	7:30 AM	8.0	
	4/8/2010				
	4/9/2010				
IW-70-SHB123	3/29/2010	1:30 PM	4:45 PM	7.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	7.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	7.0	
	4/1/2010	5:00 AM	3:15 PM	7.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	6.0	
	4/7/2010	5:30 AM	6:20 AM	4.0	
	4/8/2010				
	4/9/2010				
IW-70-SHB125	3/29/2010	1:30 PM	4:45 PM	12.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	12.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	12.0	
	4/1/2010	5:00 AM	3:10 PM	12.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	10.0	
	4/7/2010	5:30 AM	9:10 AM	8.0	
	4/8/2010				
	4/9/2010				
IW-70-SHB127	3/29/2010	1:30 PM	4:45 PM	3.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	3.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	3.0	
	4/1/2010	5:00 AM	3:15 PM	3.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	3.0	
	4/7/2010	5:30 AM	10:25 AM	3.0	
	4/8/2010				
	4/9/2010				
IW-70-SHB129	3/29/2010	1:30 PM	4:45 PM	3.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	3.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	3.0	
	4/1/2010				
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	3.0	
	4/7/2010	5:30 AM	8:45 AM	3.0	
	4/8/2010				
	4/9/2010				
IW-70-SHB131	3/29/2010	1:30 PM	4:45 PM	12.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	12.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	12.0	
	4/1/2010				
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	10.0	
	4/7/2010	5:30 AM	7:05 AM	10.0	
	4/8/2010			8.0	
	4/9/2010				
IW-70-SHB133	3/29/2010	1:30 PM	4:45 PM	10.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	10.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	10.0	
	4/1/2010	5:00 AM	3:30 PM	10.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	8.0	
	4/7/2010	5:30 AM	10:15 AM	8.0	
	4/8/2010			6.0	
	4/9/2010				
IW-70-SHB135	3/29/2010	1:30 PM	4:45 PM	8.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	8.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	8.0	
	4/1/2010				
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	7.0	
	4/7/2010	5:30 AM	6:40 AM	7.0	
	4/8/2010			5.0	
	4/9/2010				
IW-70-SHB137	3/29/2010	1:30 PM	4:45 PM	8.0	
Section 2	3/30/2010	5:00 AM	4:45 PM	8.0	
Group 1 Well	3/31/2010	5:00 AM	4:45 PM	8.0	
	4/1/2010	5:00 AM	12:15 PM	8.0	
	4/2/2010				Vironex Holiday
	4/5/2010				
	4/6/2010	10:45 AM	4:45 PM	7.0	
	4/7/2010	5:30 AM	9:15 AM	7.0	
	4/8/2010			5.0	
	4/9/2010				

EVO / GROUNDWATER METERING (5 - 100 gpm)

Multiplier	Gal/Point	Liquid Name
0.9899211	53,265	Groundwater
0.0100788	542.32	Newman Zone (EVO)

Second Sand Biobarrier

53,807.6 1% EVO Volume/Well

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
5	=	4.95	+	0.05
6	=	5.94	+	0.06
7	=	6.93	+	0.07
8	=	7.92	+	0.08
9	=	8.91	+	0.09
10	=	9.90	+	0.10
11	=	10.89	+	0.11
12	=	11.88	+	0.12
13	=	12.87	+	0.13
14	=	13.86	+	0.14
15	=	14.85	+	0.15
16	=	15.84	+	0.16
17	=	16.83	+	0.17
18	=	17.82	+	0.18
19	=	18.81	+	0.19
20	=	19.80	+	0.20
21	=	20.79	+	0.21
22	=	21.78	+	0.22
23	=	22.77	+	0.23
24	=	23.76	+	0.24
25	=	24.75	+	0.25
26	=	25.74	+	0.26
27	=	26.73	+	0.27
28	=	27.72	+	0.28
29	=	28.71	+	0.29
30	=	29.70	+	0.30
31	=	30.69	+	0.31
32	=	31.68	+	0.32
33	=	32.67	+	0.33
34	=	33.66	+	0.34
35	=	34.65	+	0.35
36	=	35.64	+	0.36
37	=	36.63	+	0.37
38	=	37.62	+	0.38
39	=	38.61	+	0.39
40	=	39.60	+	0.40
41	=	40.59	+	0.41
42	=	41.58	+	0.42
43	=	42.57	+	0.43
44	=	43.56	+	0.44
45	=	44.55	+	0.45
46	=	45.54	+	0.46
47	=	46.53	+	0.47
48	=	47.52	+	0.48
49	=	48.51	+	0.49
50	=	49.50	+	0.50

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
51	=	50.49	+	0.51
52	=	51.48	+	0.52
53	=	52.47	+	0.53
54	=	53.46	+	0.54
55	=	54.45	+	0.55
56	=	55.44	+	0.56
57	=	56.43	+	0.57
58	=	57.42	+	0.58
59	=	58.41	+	0.59
60	=	59.40	+	0.60
61	=	60.39	+	0.61
62	=	61.38	+	0.62
63	=	62.37	+	0.63
64	=	63.35	+	0.65
65	=	64.34	+	0.66
66	=	65.33	+	0.67
67	=	66.32	+	0.68
68	=	67.31	+	0.69
69	=	68.30	+	0.70
70	=	69.29	+	0.71
71	=	70.28	+	0.72
72	=	71.27	+	0.73
73	=	72.26	+	0.74
74	=	73.25	+	0.75
75	=	74.24	+	0.76
76	=	75.23	+	0.77
77	=	76.22	+	0.78
78	=	77.21	+	0.79
79	=	78.20	+	0.80
80	=	79.19	+	0.81
81	=	80.18	+	0.82
82	=	81.17	+	0.83
83	=	82.16	+	0.84
84	=	83.15	+	0.85
85	=	84.14	+	0.86
86	=	85.13	+	0.87
87	=	86.12	+	0.88
88	=	87.11	+	0.89
89	=	88.10	+	0.90
90	=	89.09	+	0.91
91	=	90.08	+	0.92
92	=	91.07	+	0.93
93	=	92.06	+	0.94
94	=	93.05	+	0.95
95	=	94.04	+	0.96
96	=	95.03	+	0.97
97	=	96.02	+	0.98
98	=	97.01	+	0.99
99	=	98.00	+	1.00
100	=	98.99	+	1.01

EVO / GROUNDWATER METERING (101 - 200 gpm)

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
101	=	99.98	+	1.02
102	=	100.97	+	1.03
103	=	101.96	+	1.04
104	=	102.95	+	1.05
105	=	103.94	+	1.06
106	=	104.93	+	1.07
107	=	105.92	+	1.08
108	=	106.91	+	1.09
109	=	107.90	+	1.10
110	=	108.89	+	1.11
111	=	109.88	+	1.12
112	=	110.87	+	1.13
113	=	111.86	+	1.14
114	=	112.85	+	1.15
115	=	113.84	+	1.16
116	=	114.83	+	1.17
117	=	115.82	+	1.18
118	=	116.81	+	1.19
119	=	117.80	+	1.20
120	=	118.79	+	1.21
121	=	119.78	+	1.22
122	=	120.77	+	1.23
123	=	121.76	+	1.24
124	=	122.75	+	1.25
125	=	123.74	+	1.26
126	=	124.73	+	1.27
127	=	125.72	+	1.28
128	=	126.71	+	1.29
129	=	127.70	+	1.30
130	=	128.69	+	1.31
131	=	129.68	+	1.32
132	=	130.67	+	1.33
133	=	131.66	+	1.34
134	=	132.65	+	1.35
135	=	133.64	+	1.36
136	=	134.63	+	1.37
137	=	135.62	+	1.38
138	=	136.61	+	1.39
139	=	137.60	+	1.40
140	=	138.59	+	1.41
141	=	139.58	+	1.42
142	=	140.57	+	1.43
143	=	141.56	+	1.44
144	=	142.55	+	1.45
145	=	143.54	+	1.46
146	=	144.53	+	1.47
147	=	145.52	+	1.48
148	=	146.51	+	1.49
149	=	147.50	+	1.50
150	=	148.49	+	1.51

Total Mix Rate (GPM)		Groundwater 1.5" SS Flow Meter Range: 10 to 100 (gpm) Part No. 4352K54		Newman Zone (EVO) 1" Nylon Flow Meter Range: .3 to 3 (gpm) Part No. 4352K63
151	=	149.48	+	1.52
152	=	150.47	+	1.53
153	=	151.46	+	1.54
154	=	152.45	+	1.55
155	=	153.44	+	1.56
156	=	154.43	+	1.57
157	=	155.42	+	1.58
158	=	156.41	+	1.59
159	=	157.40	+	1.60
160	=	158.39	+	1.61
161	=	159.38	+	1.62
162	=	160.37	+	1.63
163	=	161.36	+	1.64
164	=	162.35	+	1.65
165	=	163.34	+	1.66
166	=	164.33	+	1.67
167	=	165.32	+	1.68
168	=	166.31	+	1.69
169	=	167.30	+	1.70
170	=	168.29	+	1.71
171	=	169.28	+	1.72
172	=	170.27	+	1.73
173	=	171.26	+	1.74
174	=	172.25	+	1.75
175	=	173.24	+	1.76
176	=	174.23	+	1.77
177	=	175.22	+	1.78
178	=	176.21	+	1.79
179	=	177.20	+	1.80
180	=	178.19	+	1.81
181	=	179.18	+	1.82
182	=	180.17	+	1.83
183	=	181.16	+	1.84
184	=	182.15	+	1.85
185	=	183.14	+	1.86
186	=	184.13	+	1.87
187	=	185.12	+	1.88
188	=	186.11	+	1.89
189	=	187.10	+	1.90
190	=	188.09	+	1.91
191	=	189.07	+	1.93
192	=	190.06	+	1.94
193	=	191.05	+	1.95
194	=	192.04	+	1.96
195	=	193.03	+	1.97
196	=	194.02	+	1.98
197	=	195.01	+	1.99
198	=	196.00	+	2.00
199	=	196.99	+	2.01
200	=	197.98	+	2.02

REMEDIATION COMPOUND MASS BALANCE TRACKING

	Container Number	Date Filled	Time Filled	Oil Tank Fill Volume (gal)	
FSB-2 Tanker #3	1	2/24/10	12:00 PM	250	*Vironex Tote*
FSB-2 Tanker #3	2	2/24/10	12:00 PM	250	*Vironex Tote*
FSB-2 Tanker #3	3	2/25/10	12:40 PM	200	*Vironex Tote*
FSB-2 Tanker #3	4	2/26/10	6:15 AM	200	*Vironex Tote*
FSB-2 Tanker #3	5	2/26/10	9:30 AM	200	*Vironex Tote*
FSB-2 Tanker #3	6	2/26/10	1:30 PM	200	*Vironex Tote*
FSB-2 Tanker #3	7	3/1/10	11:45 AM	200	*Vironex Tote*
FSB-2 Tanker #3	8	3/1/10	4:30 PM	200	*Vironex Tote*
FSB-2 Tanker #3	9	3/2/10	11:20 AM	200	*Vironex Tote*
FSB-2 Tanker #3	10	3/2/10	12:00 PM	250	*Vironex Tote*
FSB-2 Tanker #3	11	3/2/10	12:15 PM	250	*Vironex Tote*
FSB-2 Tanker #3	12	3/4/10	1:00 PM	175	*Vironex Tote*
FSB-2 Tanker #4	13	3/8/10	6:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	14	3/8/10	11:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	15	3/9/10	3:45 PM	100	*Vironex Tote*
FSB-2 Tanker #4	16	3/10/10	10:25 AM	200	*Vironex Tote*
FSB-2 Tanker #4	17	3/10/10	3:45 PM	200	*Vironex Tote*
FSB-2 Tanker #4	18	3/11/10	10:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	19	3/18/10	6:00 AM	200	*Vironex Tote*
FSB-2 Tanker #4	20	3/18/10	8:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	21	3/18/10	2:15 PM	200	*Vironex Tote*
FSB-2 Tanker #4	22	3/19/10	8:00 AM	200	*Vironex Tote*
FSB-2 Tanker #4	23	3/19/10	12:30 PM	200	*Vironex Tote*
FSB-2 Tanker #4	24	3/22/10	8:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	25	3/26/10	11:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	26	3/26/10	2:00 PM	200	*Vironex Tote*
FSB-2 Tanker #4	27	3/29/10	3:45 PM	200	*Vironex Tote*
FSB-2 Tanker #4	28	3/30/10	8:45 AM	200	*Vironex Tote*
FSB-2 Tanker #4	29	3/30/10	3:15 PM	200	*Vironex Tote*
FSB-2 Tanker #4	30	3/31/10	7:30 AM	200	*Vironex Tote*
FSB-2 Tanker #4	31	3/31/10	2:15 PM	200	*Vironex Tote*
FSB-2 Tanker #4	32	4/6/10	1:00 PM	50	*Vironex Tote*
	33				
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* Per Bill Newman - a full Agmark Tanker is typically filled

FSB-1 Tanker #3 (without Lactate) - this Agmark Tanker was filled with ~46,580 lbs	
1/28/2010	Arrival Date
3/4/2010	Empty Date
379	Days Aging
46,580	Starting EVO Pounds (from shipment records)
2,456	Starting EVO Gallons (lbs / 8.25)
2,575	Physical Gal Removed (estimated) => Adjust F
-119	Remaining Gal (estimated)
-982	Remaining Lbs (estimated)

FSB-1 Tanker #4 (without Lactate) - this Agmark Tanker was filled with ~47,000 lbs	
3/4/2010	Arrival Date
	Empty Date
344	Days Aging
47,000	Starting EVO Pounds (from shipment records)
5,697	Starting EVO Gallons (lbs / 8.25)
3,750	Physical Gal Removed (estimated) => Adjust F
1,947	Remaining Gal (estimated)
16,063	Remaining Lbs (estimated)

Manifold Number 1

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB101		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	6.9	38.2	3768	3806	Note: this is a single screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	6.5	42.0	4143	4185	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	6.8	48.2	4751	4799	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	10:45 AM	0	8.4	26.7	2626	2653	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	11:00 AM	0	3.7	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:43 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	4.8	18.6	1836	1855	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	9:45 AM	0	7	20.1	1985	2,006	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3861	0
80% Shallow Interval	Wed	2/24/2010								Single screen well - injection data recorded above
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs							0.00		
20% Shallow Interval	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 1

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB102		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	4.7	32.0	3155	3187	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	6.2	44.0	4338	4382	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	8.2	54.8	5403	5458	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	10:40 AM	0	8.4	24.3	2392	2416	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	6.5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 12:27 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	6.3	9.3	918	927	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	1:55 PM	0	6.2	29.5	2904	2,934	250 gallon flush at end of day
	Tue	3/16/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00	0	
20% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 2

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB103		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	6.9	38.7	3818	3857	Note: this is a single screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	6.5	41.3	4069	4110	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	6.7	47.3	4657	4704	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	10:45 AM	0	8.4	27.8	2744	2772	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	11:00 AM	0	3.7	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:44 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	4.9	16.6	1632	1649	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	10:10 AM	0	7	22.2	2189	2,212	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3861	0
80% Shallow Interval	Wed	2/24/2010								Single screen well - injection data recorded above
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs							0.00		
20% Shallow Interval	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 2

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB104		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	4.6	31.3	3089	3120	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	6.1	43.3	4272	4315	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	8.2	55.0	5415	5470	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	10:35 AM	0	8.5	25.5	2513	2538	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	6.5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 12:29 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	6.3	9.3	914	923	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	2:05 PM	0	6.3	29.5	2908	2,938	250 gallon flush at end of day
	Tue	3/16/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 3

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB105		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	7	38.1	3757	3795	Note: this is a single screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	6.4	40.0	3944	3984	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	6.7	47.7	4705	4753	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	10:45 AM	0	8.4	29.2	2882	2911	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	11:03 AM	0	3.5	105.5'-130.5'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:45 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	4.9	16.6	1637	1654	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	10:00 AM	0	7.2	22.2	2184	2,207	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3861	0
80% Shallow Interval	Wed	2/24/2010								Single screen well - injection data recorded above
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs							0.00		
20% Shallow Interval	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 3

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB106		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	4.6	31.6	3116	3148	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	6.3	44.7	4408	4453	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	8.2	54.9	5407	5462	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	10:25 AM	0	8.5	23.9	2356	2380	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	6.5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 12:30 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	6.3	9.4	929	938	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	2:00 PM	0	6.3	29.4	2893	2,923	250 gallon flush at end of day
	Tue	3/16/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 4

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB107		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	7	38.7	3810	3849	Note: this is a single screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	6.5	41.5	4092	4134	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	6.9	48.2	4749	4797	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	10:45 AM	0	8.4	26.8	2636	2663	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	11:03 AM	0	3.5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:46 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	4.8	16.7	1642	1659	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	10:00 AM	0	7.2	22.1	2179	2,202	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3861	0
80% Shallow Interval	Wed	2/24/2010								Single screen well - injection data recorded above
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs							0.00		
20% Shallow Interval	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 4

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB108		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	2.9	20.0	1971	1991	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	4.1	29.3	2887	2916	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	4.4	28.9	2848	2877	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	11:15 AM	0	4.4	14.9	1467	1482	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	4.3	115'-130'	2.25	262	Single Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 12:31 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	3.7	5.4	529	534	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	1:20 PM	0	4.4	17.9	1764	1,782	250 gallon flush at end of day
	Tue	3/16/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	3	20.6	2028	2,049	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	9:00 AM	0	4	10.4	1030	1,040	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	3.4	105'-110'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 12:44 PM
20% Shallow Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	4.2	6.1	598	604	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	5:15 AM	5	4.2	1.7	166	168	250 gallon flush at end of day
	Tue	3/16/2010				0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 5

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB109		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.6	22.8	2245	2268	Note: this is a dual screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	3.7	22.7	2238	2261	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	3.7	26.3	2587	2613	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	1:40 PM	0	3.9	21.3	2103	2124	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:50 AM	0	2	115'-130'	1.80	210	Single Screen Well - 105 gal of Anoxic Water followed with specified volume of KB-1 followed with 105 gal Anoxic Water. KB1 was introduced at @ 9:47 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	3.5	11.9	1172	1184	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	9:40 AM	18	3.5	11.4	1121	1,132	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									2316	0
80% Shallow Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.6	23.4	2303	2,326	50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	3.9	23.0	2263	2,286	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	12:55 PM	0	3.7	15.7	1549	1,565	50 gallon flush at end of day
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									6,177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:20 AM	8	3.5	100'-110'	1.20	140	Dual Screen Well - 70 gal of Anoxic Water followed with specified volume of KB-1 followed with 70 gal Anoxic Water. KB1 was introduced at @ 10:03 AM
20% Shallow Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	3.2	12.0	1180	1192	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	6:35 AM	8	3.7	3.5	349	352.5	250 gallon flush at end of day
	Mon					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
									1545	(0)

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 5

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB110		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	4.6	31.5	3104	3135	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	6.1	43.8	4318	4362	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	8.2	54.8	5395	5450	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	10:25 AM	0	8.6	25.1	2471	2496	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	6.5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 12:32 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	6.4	9.3	920	929	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	1:55 PM	0	6.2	29.4	2902	2,932	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 6

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB111		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.7	23.5	2315	2338	Note: this is a dual screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	3.8	22.4	2205	2227	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	12:55 PM	7	3.9	16.2	1596	1612	50 gallon flush at end of day
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:30 AM	0	4.5	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:48 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	4	3.3	12.1	1188	1200	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	6:50 AM	14	3.1	3.5	341	345	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.7	23.3	2298	2,321	50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	4.1	22.6	2223	2,246	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	12:30 PM	0	4.1	16.2	1594	1,610	50 gallon flush at end of day
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									6,177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:30 AM	0	4.5	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:04 AM
20% Shallow Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	6	3.5	12.4	1220	1232	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	6:15 AM	6	4.1	3.1	309	312.5	250 gallon flush at end of day
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
									1545	(0)

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 6

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB112		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	3.5	23.9	2354	2378	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	3.4	25.0	2467	2492	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	7	4.2	28.2	2775	2803	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	11:15 AM	4	4.6	16.0	1577	1593	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	3.6	115'-130'	1.80	210	Single Screen Well - 105 gal of Anoxic Water followed with specified volume of KB-1 followed with 105 gal Anoxic Water. KB1 was introduced at @ 12:33 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	6	5	7.4	725	732	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	12:25 PM	11	4.5	15.9	1568	1,584	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	3.8	25.8	2543	2,569	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	3.7	25.8	2538	2,564	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	10:25 AM	2	3.3	10.5	1034	1,044	50 gallon flush at end of day
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									6,177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	0	3	100'-110'	1.20	140	Single Screen Well - 70 gal of Anoxic Water followed with specified volume of KB-1 followed with 70 gal Anoxic Water. KB1 was introduced at @ 12:45 PM
20% Shallow Interval	Fri	3/12/2010	1:35 PM	4:00 PM	0	4.7	7.0	687	694	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	8:40 AM	0	4.5	8.5	842	850.5	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1545	(0)

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 7

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB113		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	12	7	38.3	3771	3809	Note: this is a single screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	9	6.5	42.3	4166	4208	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	12	6.8	47.6	4688	4736	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	10:45 AM	15	8.4	27.0	2663	2690	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anon H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	11:10 AM	6	2.9	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:49 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	11	4.8	16.6	1634	1,651	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	10:05 AM	14	7.2	22.2	2187	2,210	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3861	0
80% Shallow Interval	Wed	2/24/2010								Single screen well - injection data recorded above
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
	Wed									
	Thurs									
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anon H2O	
KB-1 / Anaerobic Water	Thurs							0.00		
20% Shallow Interval	Wed									
	Thurs									
	Fri									
	Mon									
	Tues									
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 7

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB114		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	4.5	30.9	3041	3072	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	6.2	44.2	4356	4400	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	0	8.2	55.5	5468	5523	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	10:35 AM	0	8.5	24.6	2423	2448	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	14	6.5	105'-130'	3.00	350	Single Screen Well - 150 gal of Anoxic Water followed with specified volume of KB-1 followed with 105 gal Anoxic Water. KB1 was introduced at @ 12:34 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	12	6.6	9.6	949	959	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	1:50 PM	9	6.2	29.1	2872	2,902	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 8

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB115		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	23	2.5	13.8	1359	1373	Note: this is a dual screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	23	4	25.4	2507	2532	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	23	5	34.7	3423	3458	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	4:45 PM	23	5	34.2	3370	3404	50 gallon flush at end of day
	Wed	3/3/2010	5:30 AM	10:45 AM	23	5	15.9	1572	1587.5	50 gallon flush at end of day
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									12355	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:59 AM	23	3	115'-130'	2.40	262	Single Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 9:51 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	23	3.1	13.4	1324	1337	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	10:15 AM	23	5.5	17.6	1734	1,752	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									3089	0
80% Shallow Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	20	2.8	14.3	1407	1,421	50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	1:05 PM	23	3	16.8	1651	1,668	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0	0	
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:46 AM	20	2.9	105'-110'	0.60	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 10:05 AM
20% Shallow Interval	Thurs	3/4/2010	11:15 AM	4:15 PM	20	2.8	7.8	764	772	50 gallon flush at end of day
	Fri	3/5/2010				0	0.0	0	0	250 gallon flush at end of day
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 8

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB116		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	12	3.7	24.9	2453	2478	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	0	4.1	29.1	2871	2900	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	12	4.5	29.5	2905	2934	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	9:25 AM	12	4.2	9.6	944	954	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	16	3.4	115'-130'	2.25	262	Dual Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 12:35 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	19	3.3	4.9	481	486	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	1:30 PM	16	3.3	18.4	1812	1,830	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/8/2010	5:30 AM	4:45 PM	0	3.6	24.1	2371	2,395	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	9:05 AM	0	2.6	7.0	687	694	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	13	3.80	105'-110'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 12:46 PM
20% Shallow Interval	Fri	3/12/2010	1:35 PM	4:00 PM	12	3.1	4.5	447	452	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	7:10 AM	12	3.2	3.2	317	320	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 9

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB117		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.5	21.2	2091	2112	Note: this is a dual screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	0	3.8	22.5	2216	2238	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	0	3.7	26.4	2599	2625	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	1:55 PM	0	4.7	23.0	2268	2291	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:45 AM	0	2.4	115.5'-130.5'	2.25	262	Single Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 9:52 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	0	4.8	14.5	1432	1447	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	8:43 AM	0	3.7	8.7	860	869	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									2316	0
80% Shallow Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.7	21.1	2081	2,102	50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	8:50 AM	0	3.8	9.9	977	987	250 gallon flush at end of day
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:25 AM	0	2.9	105.5'-110.5'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 10:05 AM
20% Shallow Interval	Thurs	3/4/2010	11:15 AM	1:50 PM	4	4.9	7.8	764	772	50 gallon flush at end of day
	Fri	3/5/2010				0	0.0	0	0	250 gallon flush at end of day
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 9

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB118		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/8/2010	5:30 AM	4:45 PM	16	3.9	26.8	2637	2664	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	4:30 PM	9	3.5	24.9	2450	2475	50 gallon flush at end of day
	Wed	3/10/2010	5:15 AM	4:30 PM	16	4	27.1	2671	2698	50 gallon flush at end of day
	Thurs	3/11/2010	5:30 AM	11:10 AM	14	4.5	14.4	1415	1429	50 gallon flush at end of day
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	16	4.3	115'-130'	1.80	210	Dual Screen Well - 105 gal of Anoxic Water followed with specified volume of KB-1 followed with 105 gal Anoxic Water. KB1 was introduced at @ 12:37 PM
20% Deep Screen Interval	Fri	3/12/2010	1:35 PM	4:00 PM	18	3.3	4.8	475	480	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	2:00 PM	20	2.6	18.4	1818	1,836	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/8/2010	5:30 AM	4:45 PM	5	4.7	32.0	3153	3,185	50 gallon flush at end of day
	Tues	3/9/2010	4:45 AM	1:00 PM	11	5.4	30.1	2962	2,992	50 gallon flush at end of day
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
									6,177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Mon	3/12/2010	10:55 AM	1:25 PM	11	3.1	100'-110'	1.20	140	Dual Screen Well - 70 gal of Anoxic Water followed with specified volume of KB-1 followed with 70 gal Anoxic Water. KB1 was introduced at @ 12:46 PM
20% Shallow Interval	Fri	3/12/2010	1:35 PM	4:00 PM	14	4.3	6.3	620	626	250 gallon flush at end of day
	Mon	3/15/2010	5:30 AM	10:35 AM	16	3	9.2	909	918.5	250 gallon flush at end of day
	Tues	3/16/2010				0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1545	(0)

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB119		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	12	3.6	22.6	2222	2245	Note: this is a dual screen well. 50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	11	3.8	21.9	2161	2183	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	4:45 PM	14	3.6	24.6	2426	2451	50 gallon flush at end of day
	Tues	3/2/2010	5:15 AM	4:00 PM	17	4.1	24.0	2363	2386.5	50 gallon flush at end of day
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									9266	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:47 AM	12	2.5	115'-130'	1.80	210	Single Screen Well - 105 gal of Anoxic Water followed with specified volume of KB-1 followed with 105 gal Anoxic Water. KB1 was introduced at @ 9:53 AM
20% Deep Screen Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	20	3.8	12.9	1268	1281	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	9:40 AM	20	4	10.4	1025	1,036	250 gallon flush at end of day
	Mon					0	0.0	0	0	
									2317	(0)
80% Shallow Interval	Wed	2/24/2010								Finalized Set-up and perfomed water injection testing
	Thurs	2/25/2010	7:00 AM	4:45 PM	0	3.7	23.2	2290	2,313	50 gallon flush at end of day
	Fri	2/26/2010	4:30 AM	2:45 PM	5	3.8	22.7	2234	2,257	250 gallon flush at end of day
	Mon	3/1/2010	6:00 AM	1:10 PM	6	3.8	16.1	1591	1,608	50 gallon flush at end of day
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
	Fri					0	0.0	0	0	
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
	Thurs					0	0.0	0	0	
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Thurs	3/4/2010	8:20 AM	10:25 AM	14	2.9	100'-110'	1.20	140	Dual Screen Well - 70 gal of Anoxic Water followed with specified volume of KB-1 followed with 70 gal Anoxic Water. KB1 was introduced at @ 10:07 AM
20% Shallow Interval	Thurs	3/4/2010	11:15 AM	4:45 PM	16	4.2	14.2	1401	1415	50 gallon flush at end of day
	Fri	3/5/2010	5:00 AM	5:32 AM	19	4.3	1.3	128	129	250 gallon flush at end of day
	Mon					0	0.0	0	0	
	Tues					0	0.0	0	0	
	Wed					0	0.0	0	0	
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB120		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.4	6.5	638	644	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	8	3.5	25.9	2549	2575	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:45 PM	14	3.9	27.9	2754	2782	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	5:50 AM	12	3.6	1.8	174	176	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.1	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:36 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	13	3.1	12.1	1188	1200	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	7:25 AM	12	3	3.5	341	345	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.4	6.7	655	662	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.9	27.6	2722	2,750	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	3:45 PM	2	4.7	27.8	2738	2,766	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.2	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:53 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	4:45 PM	6	3.1	12.1	1196	1208	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	7:25 AM	6	3	3.4	333	336	50 gallon flush at end of day
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB121		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	24	3.5	30.7	3026	3057	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.1	26.9	2650	2677	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	7:00 AM	0	4.2	4.5	439	443	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:25 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	18	4.9	12.1	1188	1200	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	6:40 AM	20	4	3.5	341	345	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.3	27.9	2746	2,774	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.3	28.2	2781	2,809	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	7:35 AM	0	4.2	6.0	589	595	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.5	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:43 AM
20% Shallow Interval	Fri	3/26/2010	11:20 AM	4:00 PM	12	4.8	11.5	1136	1148	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	7:05 AM	12	3.4	4.0	392	396	50 gallon flush at end of day
	Tue					0	0.0	0	0	
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB122		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	16	3.3	6.3	620	626	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.7	27.3	2691	2718	50 gallon flush at end of day
	Wed	3/31/2010	8:40 AM	4:45 PM	0	2.9	14.6	1436	1451	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	10:50 AM	20	3.7	13.9	1368	1382	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:37 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	15	3.8	14.4	1417	1431	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	6:05 AM	13	3.3	1.1	112	113	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									1544	(0)
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.2	6.2	609	615	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.7	26.9	2654	2,681	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:45 PM	0	2.6	18.2	1789	1,807	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	9:05 AM	0	4.3	10.8	1064	1,075	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:54 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	4:45 PM	4	3.9	14.2	1401	1415	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	6:15 AM	3	3.1	1.3	128	129	50 gallon flush at end of day
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB123		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	5	3.2	24.7	2433	2458	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	10	4	26.3	2594	2620	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	9:45 AM	16	3.9	11.0	1088	1099	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	10	2.2	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:26 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	20	3.9	9.8	967	977	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	7:35 AM	19	4	5.7	561	567	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1544	0
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.5	25.0	2465	2,490	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.3	28.1	2769	2,797	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	8:45 AM	9	4.1	8.9	881	890	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	9	3	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:45 AM
20% Shallow Interval	Fri	3/26/2010	11:20 AM	4:00 PM	12	4.5	11.1	1094	1105	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	6:55 AM	14	4.4	4.4	436	440	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1545	(1)

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB124		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3	5.6	555	561	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.4	23.8	2346	2370	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:45 PM	0	4.6	32.8	3235	3268	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	3:15 PM	2	4.8	30.8	3036	3067	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	115'-130'	2.25	262	Single Screen Well -131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 9:38 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	5	4.2	14.3	1414	1428	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	9:05 AM	5	4.2	8.9	879	888	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.6	7.2	714	721	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.3	23.3	2292	2,315	50 gallon flush at end of day
	Wed	3/31/2010	5:15 AM	5:30 AM	0	3.3	0.5	52	53	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.1	105'-110'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 9:56 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	2::00 PM	5	4	7.8	764	772	50 gallon flush at end of day
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB125		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	5.4	37.0	3644	3681	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	5.9	38.6	3806	3845	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	3:45 PM	0	6.6	43.6	4301	4345	50 gallon flush at end of day
	Tues	3/23/2010	5:30 AM	2:25 PM	0	7.7	35.9	3536	3572	50 gallon flush at end of day
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	4.4	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 10:27 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	0	7.5	22.1	2180	2202	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	8:55 AM	0	7.3	16.7	1642	1,659	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									3861	0
80% Shallow Interval	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB126		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	12	3.6	6.9	676	683	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.8	26.7	2632	2659	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:45 PM	7	4.5	31.7	3125	3157	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	3:10 PM	10	3.9	27.8	2739	2767	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	115'-130'	2.25	262	Single Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 9:40 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	11	3.3	12.7	1252	1265	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	10:20 AM	11	3.3	10.6	1040	1,051	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	10	4.4	8.6	851	860	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	1:50 PM	8	4.2	22.4	2207	2,229	50 gallon flush at end of day
	Wed	3/31/2010				0	0.0	0		
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.3	105'-110'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 9:57AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	2:45 PM	10	3.3	7.8	764	772	50 gallon flush at end of day
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB127		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	20	5.3	35.7	3521	3557	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 AM	20	5.8	38.0	3745	3783	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	3:45 PM	19	6.7	44.2	4351	4395	50 gallon flush at end of day
	Tues	3/23/2010	5:30 AM	2:35 PM	19	7.8	37.3	3671	3708	50 gallon flush at end of day
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	4	103.5-128.5	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 10:29 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	17	7.4	21.9	2160	2182	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	9:05 AM	17	7.2	16.9	1662	1,679	50 gallon flush at end of day
	Tue					0	0.0	0		
									3861	0
80% Shallow Interval	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB128		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	7.4	16.1	1584	1600	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	6.2	43.5	4287	4331	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:45 PM	10	7	49.5	4875	4924	50 gallon flush at end of day
	Thurs	4/1/2010	5:00 AM	3:15 PM	10	7.3	46.1	4542	4588	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									15443	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	5	105'-130'	3.00	350	Single Screen Well - 175 gal of Anoxic Water followed with specified volume of KB-1 followed with 175 gal Anoxic Water. KB1 was introduced at @ 9:41 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	10	7	25.0	2466	2491	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	8:40 AM	12	7.3	13.8	1356	1,370	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									3861	0
80% Shallow Interval	Mon					0	0.0	0		
	Tues					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water						0		0.00		
20% Shallow Interval	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									0	

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	194	19,110	19,304
Scope Amount (from Well Summary)	3	350	194	19,110	19,304
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB129		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	10:00 AM	4:45 PM	10	4.6	16.2	1594	1610	Will not flow when upper zone is flowing. 50 gallon flush at the end of the day.
	Fri	3/19/2010	5:00 AM	10:30 AM	12	4.4	14.8	1463	1478	250 gallon flush at end of day
	Mon	3/22/2010	10:30 AM	3:45 PM	12	4.8	16.1	1586	1602	50 gallon flush at end of day
	Tues	3/23/2010	5:30 AM	10:15 AM	12	4.8	14.9	1472	1487	50 gallon flush at end of day
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	16	2.5	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:31 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	1:40 PM	12	4.9	6.8	667	674	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	8:20 AM	11	4.8	8.7	862	871	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	10:00 AM	7	4.2	15.8	1559	1,575	ceased pumping to inject in the lower zone. 50 gallon flush at the end of the day.
	Fri	3/19/2010	10:30 AM	3:45 PM	8	4.7	15.1	1488	1,503	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	10:30 AM	8	4.8	15.7	1546	1,562	50 gallon flush at end of day
	Tues	3/23/2010	10:15 AM	3:00 PM	9	4.9	15.4	1522	1,538	50 gallon flush at end of day
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	12	2.4	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:46 AM
20% Shallow Interval	Fri	3/26/2010	1:40 PM	4:00 PM	10	4.9	6.8	673	680	250 gallon flush at end of day
	Mon	3/29/2010	8:20 AM	11:30 AM	10	4.5	8.7	855	864	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB130		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.3	6.5	645	652	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.5	26.3	2587	2613	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:35 PM	0	4.2	29.3	2883	2912	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.2	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:42 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	4	3.6	12.5	1234	1247	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	7:00 AM	4	3.3	3.0	295	298	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.7	7.9	776	784	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.1	24.1	2379	2,403	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	4:40 PM	0	4.3	30.0	2960	2,991	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.4	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:58 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	4:45 PM	3	3.6	12.4	1223	1235	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	7:00 AM	2	3.4	3.1	306	309	50 gallon flush at end of day
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB131		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.6	26.8	2640	2667	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.2	27.5	2710	2737	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	8:30 AM	0	3.9	7.8	765	773	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.3	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:32 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	8	4.6	11.4	1125	1136	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	6:40 AM	8	4.5	4.1	404	409	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.6	27.2	2683	2,710	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.2	27.5	2709	2,736	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	8:20 AM	0	3.9	7.3	724	732	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.2	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:47 AM
20% Shallow Interval	Fri	3/26/2010	11:20 AM	4:00 PM	0	4.6	12.0	1180	1192	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	6:30 AM	0	4.7	3.5	348	352	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB132		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.2	2.3	223	225	Will not flow when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.7	26.6	2617	2644	Will not flow when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Wed	3/31/2010	8:00 AM	4:45 PM	0	4.8	25.7	2535	2561	Will not flow when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Thurs	4/1/2010	5:00 AM	3:30 PM	0	6.1	38.5	3797	3836	50 gallon flush at end of day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									9266	(0)
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	115'-130'	2.25	262	Single Screen Well - 131 gal of Anoxic Water followed with specified volume of KB-1 followed with 131 gal Anoxic Water. KB1 was introduced at @ 9:43 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	0	3.7	13.3	1309	1322	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	10:10 AM	0	3.6	10.0	984	994	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									2316	0
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	16	3.7	2.6	252	255	Will not flow when lower zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.6	10.7	1057	1,068	Will not flow when lower zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Wed	3/31/2010	5:00 AM	8:00 AM	0	4.8	8.3	814	822	Will not flow when lower zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Thurs	4/1/2010	5:00 AM	12:00 PM	12	2.3	9.5	935	944	50 gallon flush at the end of the day
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	2.5	105'-110'	0.75	88	Dual Screen Well - 44 gal of Anoxic Water followed with specified volume of KB-1 followed with 44 gal Anoxic Water. KB1 was introduced at @ 9:58 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	2:20 PM	9	3.6	7.8	764	772	50 gallon flush at end of day
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB133		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.1	25.9	2549	2575	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.1	26.8	2643	2670	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	8:50 AM	0	4.3	9.4	923	932	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.4	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:33 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	0	4.7	11.5	1133	1145	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	6:40 AM	0	4.4	4.0	395	400	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	4.2	23.9	2353	2,377	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	4.1	26.9	2646	2,673	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	9:35 AM	0	4.3	11.3	1116	1,128	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	8	2.3	100'-110'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:48 AM
20% Shallow Interval	Fri	3/26/2010	11:20 AM	4:00 PM	10	4.8	11.7	1148	1160	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	7:25 AM	10	3	3.9	380	384	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB134		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	4.1	8.2	813	821	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.8	28.0	2755	2783	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	3:45 PM	0	4.2	25.8	2547	2573	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	3	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:44 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	0	4.2	14.7	1446	1461	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	6:05 AM	0	2.5	0.8	83	84	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	4.1	8.8	868	877	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	4:45 PM	0	3.9	26.9	2651	2,678	50 gallon flush at end of day
	Wed	3/31/2010	5:00 AM	2:15 PM	0	4.7	26.3	2596	2,623	50 gallon flush at end of day
	Thurs	4/1/2010				0	0.0	0		
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	3.1	105'-115'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 9:59 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	4:45 PM	0	3.5	13.9	1370	1384	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	6:35 AM	0	2.6	1.6	158	160	50 gallon flush at end of day
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB135		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	10:15 AM	4:45 PM	16	4.9	16.5	1626	1643	Will not flow when upper zone is flowing. 50 gallon flush at the end of the day.
	Fri	3/19/2010	10:30 AM	3:45 PM	20	4.5	14.3	1414	1428	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	3:45 PM	12	4.1	27.2	2685	2712	50 gallon flush at end of day
	Tues	3/23/2010	5:30 AM	7:20 AM	14	4.1	4.0	390	394	50 gallon flush at end of day
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	8	4	120'-130'	2.00	234	Single Screen Well - 117 gal of Anoxic Water followed with specified volume of KB-1 followed with 117 gal Anoxic Water. KB1 was introduced at @ 10:34 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	2:40 PM	8	4.5	8.8	867	876	250 gallon flush at end of day
	Mon	3/29/2010	7:15 AM	9:55 AM	7	4.2	6.7	661	668	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1544	0
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	10:15 AM	18	4.9	15.9	1569	1,585	ceased pumping to inject in the lower zone. 50 gallon flush at end of the day.
	Fri	3/19/2010	5:00 AM	10:30 AM	15	4.5	15.1	1489	1,504	250 gallon flush at end of day
	Mon	3/22/2010				0	0.0	0		
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	13	2.3	105'-110'	1.00	116	Dual Screen Well - 58 gal of Anoxic Water followed with specified volume of KB-1 followed with 58 gal Anoxic Water. KB1 was introduced at @ 10:49 AM
20% Shallow Interval	Fri	3/26/2010	2:40 PM	4:00 PM	14	4.5	3.6	354	358	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	7:15 AM	15	3.5	4.2	410	414	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	116	11,466	11,582
Scope Amount (from Well Summary)	3	350	116	11,466	11,582
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB136		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	2.8	5.6	552	558	50 gallon flush at end of day
	Tues	3/30/2010	9:50 AM	4:45 PM	0	4.8	21.3	2102	2123	Low flow rate when upper zone is open. Will alternate zones midway through the day. 50 gallon flush at the end of the day.
	Wed	3/31/2010	8:00 AM	4:45 PM	0	4.5	23.8	2344	2368	Low flow rate when upper zone is open. Will alternate zones midway through the day. 50 gallon flush at the end of the day.
	Thurs	4/1/2010	7:30 AM	12:15 PM	10	4.9	11.3	1117	1128	Low flow rate when upper zone is open. Will alternate zones midway through the day. 50 gallon flush at the end of the day.
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	3.2	120'-130'	2.00	234	Single Screen Well - 117 gal of Anoxic Water followed with specified volume of KB-1 followed with 117 gal Anoxic Water. KB1 was introduced at @ 9:45 AM
20% Deep Screen Interval	Tue	4/6/2010	10:45 AM	4:45 PM	12	3	9.1	897	906	50 gallon flush at end of day
	Wed	4/7/2010	5:30 AM	9:10 AM	11	2.9	6.4	632	638	50 gallon flush at end of day
	Thu	4/8/2010				0	0.0	0	0	
									1544	0
80% Shallow Interval	Mon	3/29/2010	1:30 PM	4:45 PM	0	3.4	6.6	646	653	50 gallon flush at end of day
	Tues	3/30/2010	5:00 AM	9:50 AM	0	3.5	10.3	1016	1,026	Low flow rate in the lower zone when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Wed	3/31/2010	5:00 AM	8:00 AM	0	4.8	8.8	866	875	Low flow rate in the lower zone when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Thurs	4/1/2010	5:00 AM	7:30 AM	10	3.6	5.4	530	535	Low flow rate in the lower zone when upper zone is open. Will alternate midway through the day. 50 gallon flush at the end of the day.
	Fri	4/2/2010				0	0.0	0		Vironex Holiday
	Mon	4/5/2010				0	0.0	0		
	Tue	4/6/2010				0	0.0	0		
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
									3,089	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Tue	4/6/2010	8:45 AM	10:35 AM	0	3.1	105'-110'	1.00	116	Dual Screen Well - 58 gal of Anoxic Water followed with specified volume of KB-1 followed with 58 gal Anoxic Water. KB1 was introduced at @ 10:00 AM
20% Shallow Interval	Tue	4/6/2010	10:45 AM	3:45 PM	11	3	7.8	764	772	50 gallon flush at end of day
	Wed	4/7/2010				0	0.0	0		
	Thurs	4/8/2010				0	0.0	0		
	Fri	4/9/2010				0	0.0	0		
	Mon					0	0.0	0		
									772	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	116	11,466	11,582
Scope Amount (from Well Summary)	3	350	116	11,466	11,582
Balance Remaining	-	-	0	0	0

Manifold Number 10

Injection Scope Shell Horizon Biobarrier (SHB-1) - Inject groundwater and EVO into 37 wells, an average total EVO mixture of 17,008 gal + 350 gal Anox + 3 Liters KB-1 will be injected into each well.

IW-70-SHB137		Date	Start Time	End Time	Average PSI	Average Flow Rate (GPM)	EVO Injected (Gal)	Groundwater Injected (Gal)	Combined Daily Total (Gal)	Injection Notes
80% Deep Screen Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.6	26.1	2577	2603	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	3.9	25.7	2531	2557	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	9:25 AM	0	3.8	10.2	1007	1017	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6177	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.5	120'-130'	1.50	175	Single Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:35 AM
20% Deep Screen Interval	Fri	3/26/2010	11:20 AM	4:00 PM	0	3.6	9.3	913	922	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM	8:05 AM	12	3.9	6.3	616	623	50 gallon flush at end of day
	Tue					0	0.0	0	0	
									1545	(0)
80% Shallow Interval	Thurs	3/18/2010	5:30 AM	4:45 PM	0	3.5	26.6	2622	2,649	50 gallon flush at end of day
	Fri	3/19/2010	5:00 AM	3:45 PM	0	3.8	25.0	2465	2,490	250 gallon flush at end of day
	Mon	3/22/2010	5:15 AM	9:20 AM	0	3.8	10.4	1028	1,039	50 gallon flush at end of day
	Tues	3/23/2010				0	0.0	0		
	Wed	3/24/2010				0	0.0	0		
	Thurs	3/25/2010				0	0.0	0		
	Fri	3/26/2010				0	0.0	0		
	Mon					0	0.0	0		
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
	Fri					0	0.0	0		
									6,178	0
					Anox PSI	Anox Flow	Screen Zone	KB-1	Anox H2O	
KB-1 / Anaerobic Water	Fri	3/26/2010	8:40 AM	11:15 AM	0	2.6	105'-115'	1.50	175	Dual Screen Well - 88 gal of Anoxic Water followed with specified volume of KB-1 followed with 88 gal Anoxic Water. KB1 was introduced at @ 10:50 AM
20% Shallow Interval	Fri	3/26/2010	11:20 AM	4:00 PM	0	3.8	9.9	976	986	250 gallon flush at end of day
	Mon	3/29/2010	5:15 AM		2	3.7	5.6	552	558	50 gallon flush at end of day
	Tue					0	0.0	0		
	Wed					0	0.0	0		
	Thurs					0	0.0	0		
									1544	0

	KB-1 (L)	Anaerobic Water (gal)	EVO (gal)	Groundwater (gal)	Total Amenment
Current Totals (from above)	3.0	350	155	15,288	15,443
Scope Amount (from Well Summary)	3	350	155	15,288	15,443
Balance Remaining	-	-	0	0	0

APPENDIX J

REGULATORY AGENCY COMMENTS AND RESPONSE

California Regional Water Quality Control Board
Santa Ana Region

Linda S. Adams
Acting Secretary for Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348
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Edmund G. Brown Jr.
Governor

June 3, 2011

Ms. Pei-Fen Tamashiro
Installation Restoration Coordinator
pei-fen.tamashiro@navy.mil
Naval Weapons Station, Seal Beach
800 Seal Beach Blvd.
Seal Beach, CA 90740-5000

COMMENTS ON THE DRAFT 2010 PERFORMANCE MONITORING REPORT, ENHANCED *IN-SITU* BIOREMEDIATION, INSTALLATION RESTORATION PROGRAM SITE 70, NAVAL WEAPONS STATION, SEAL BEACH
Geotracker No. DOD100355700

Dear Ms. Tamashiro:

We have completed our review of the above-referenced document, dated April 2011, which we received on April 26, 2011. This report presents the results of injection activities for enhanced *in situ* bioremediation remedy conducted in accordance with the technical and functional requirements of the March 2008 Remedial Action Plan .

We have the following general and specific comments on this report:

This remedial response action is a very large undertaking. It consists of more than 20 injection wells in the source area, six biobarriers with 9 to 37 injection wells, and 70 groundwater monitoring wells located from the ground surface to below 190 feet. The principal contaminants released in the source area were TCE and associated chlorinated compounds in non-aqueous phase and dissolved phase plumes. Emulsified vegetable oil was injected as the electron donor using a recirculation approach to facilitate its distribution. In addition, injection wells received a one-time application of dechlorination bacteria culture.

The original work plan envisioned that the installation of this remedy will take one year. The groundwater monitoring include one sampling event to determine the baseline groundwater conditions prior to injection activities, and quarterly groundwater monitoring during and following the emplacement of the remedy for one year, followed by semiannual groundwater monitoring. But the remedy was emplaced over a two year period, instead of one year. Therefore, eight quarterly groundwater monitoring events should have occurred, not just one annual groundwater monitoring event, as described in this report. Regional Board staff believe that the work plan commitment of quarterly monitoring for a year was not followed. As a result of inadequate groundwater

monitoring, in all of the Section 4 Figures, both groundwater elevation contour lines and plume concentration contours are approximated. As you know, for the source area and three of the six biobarriers, 48,179 gallon of vegetable oil and 4,682,387 gallons of water were injected. It is important to carefully plan and implement an appropriate groundwater monitoring network in order to accurately assess the effectiveness of the bioremediation remedy.

- **Section 5.1.1 CHANGES TO THE PERFORMANCE MONITORING SCHEDULE**, 1ST paragraph, page 5-1: We strongly disagree with the statement that the quarterly (groundwater monitoring schedule) was not practical. Just because it took a year longer to emplace the remedy, that is no reason for not conducting the quarterly groundwater sampling as specified in the work plan. It should be noted for releases of contaminants or pollutants to groundwater that we oversee, during investigation and remedial actions taken to abate those releases, quarterly groundwater sampling is a standard requirement. For our private sites in particular, quarterly groundwater sampling has been performed for many years, or even for decades, depending the release site.

- **Section 6.2 RECOMMENDATIONS**, pages 6-3 and 6-4: We concur with recommendations numbered 1 through 5. We do not concur with recommendation number 6. We strongly believe that insufficient groundwater monitoring events have occurred to support this recommendation. Also an evaluation of the current groundwater monitoring networks and its ability to demonstrating compliance with the remedial action goals and to demonstrate the current contaminant plume's nature and extent has not been presented in this report to support your recommendation.

If you have any questions, please call me at (951) 782-4494, or send e-mail to jbroderick@waterboards.ca.gov .

Sincerely,

John Broderick
Land Disposal and DoD Section

cc via electronic copy:
Brenda Reese, Navy - Brenda.reese@navy.mil
Stephen Niou, DTSC - sniou@dtsc.ca.gov
Kirk Gilligan, SB NWR - kirk.gilligan@navy.mil

Letter to Pei-Fen Tamashiro (Naval Weapons Station Seal Beach) dated June 3, 2011, from John Broderick, Land Disposal and DoD Section California Regional Water Quality Control Board Santa Ana Region (RWQCB Santa Ana) 3737 Main Street, Suite 500 Riverside, CA 92501-3348	Responses by Insight Environmental Engineering & Construction on behalf of the U.S. Department of the Navy
General Comments	
General Comment 1: The original work plan envisioned that the installation of this remedy will take one year. The groundwater monitoring include one sampling event to determine the baseline groundwater conditions prior to injection activities, and quarterly groundwater monitoring during and following the emplacement of the remedy for one year, followed by semiannual groundwater monitoring. But the remedy was emplaced over a two year period, instead of one year. Therefore, eight quarterly groundwater monitoring events should have occurred, not just one annual groundwater monitoring event, as described in this report. Regional Board staff believe that the work plan commitment of quarterly monitoring for a year was not followed. As a result of inadequate groundwater monitoring, in all of the Section 4 Figures, both groundwater elevation contour lines and plume concentration contours are approximated. As you know, for the source area and three of the six biobarriers, 48,179 gallon of vegetable oil and 4,682,387 gallons of water were injected. It is important to carefully plan and implement an appropriate groundwater monitoring network in order to accurately assess the effectiveness of the bioremediation remedy.	**General Response 1:** The Navy feels strongly that the frequency of monitoring conducted at IR Site 70 to assess the performance of the remedy are of sufficient quality and quantity to support the selected remedial action objectives (Geosyntec 2006), including reasonable interpretations of groundwater level contours and plume maps presented in Section 4 of the Draft 2010 Performance Monitoring Report (PMR) (Insight 2011). The tentative frequency of sampling proposed in the Remedial Action Work Plan (RAWP), Table 6.2, "Tentative Sampling Schedule for First Three Years of Operation", (ECC/Geosyntec 2008) was modified in accordance with discussions with the RWQCB (Patricia Hannon) and DTSC during the 2008 RPM Meeting and are documented in the Meeting Minutes on July 8, 2008: "Navy is proposing to reduce the groundwater monitor frequency from quarterly to annually as during the early stages of the remediation, differences in water quality would not be observable. RWQCB requests that the proposed change and rationale be documented in meeting minutes. Action (COMPLETE): J. Sullivan." Per the RAWP, (ECC/Geosyntec 2008), Figure 10.1, the original injection schedule duration was scheduled from 8/1/2008 through 10/18/2011. The Navy completed all injections from 11/4/2008 through 8/3/2010 – 1 year and 2 months *in advance* of the original schedule. Hence, the injection schedules were always planned for over 1 year. The data presented in Section 4 figures of the Draft 2010 PMR (Insight 2011), including the groundwater elevation contour maps and plume concentration contours, include data for ALL the monitoring wells that are available at IR Site 70 and presented in the RAWP, (ECC/Geosyntec 2008), with the addition of 3 monitoring wells that were added in 2009 outside the original network: MW-70-14, MW-43A, MW-43B. *All* groundwater wells that were monitored

in the 2010 PMR were included during the 2008 baseline and 2009 PMR. These data are sufficient for reasonable interpretation of the performance monitoring of the remedial action at IR Site 70.

The Navy would like to take this opportunity to review and compare the actual groundwater monitoring conducted in 2010 (Table 1-1, Insight 2011), with the tentative monitoring schedule presented in the RAWP (ECC/Geosyntec 2008), Table 6.2. For the tentative Quarterly monitoring listed during Year 1 of the RAWP (Table 6.2 ECC/Geosyntec 2008), the Navy would like to point out that only 11 wells were proposed in the quarterly sampling (e.g. Source Area Treatment Grid (SATG) – 4 wells; Source Area Biobarrier (SAB) – 1 well; First Sand Biobarrier 1 (FSB-1) - 2 wells; First Sand Biobarrier 2 (FSB-2) – 1 well; Shell Horizon Biobarrier 1 (SHB-1) – 1 well; Shell Horizon Biobarrier 3 (SHB-3) – 1 well; Second Sand Biobarrier 1 (SSB-1) – 1 well). The Navy felt that sampling only 1 well for each of the biobarriers, with the exception of the SATG, even if at a quarterly frequency, was not adequate in assessing the performance of the biobarriers. In addition, most of the wells selected in the RAWP for the quarterly monitoring were injection wells within the biobarriers and would not adequately function as performance monitoring wells (PMWs), in assessment of the upgradient and downgradient performance of the biobarrier system.

The Navy would like to summarize the actual frequency of monitoring that was conducted at IR Site 70 during the implementation of the biobarriers between November 2009 and September 2010 and summarized in the 2010 PMR Table 1-1 (Table 1-1 – Insight 2011):

1. **Daily** field and onsite geochemistry monitoring during the injection (Appendix I of 2010 PMR).
2. **Monthly** field and on-site geochemistry (after the installation of the biobarriers) in 26 wells: SAB (3 wells), FSB-1 (6 wells); FSB-2 (6 wells); SHB-1 (3 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field and on-site geochemistry monitoring consisted of: depth to water, pH, dissolved oxygen, oxidation-reduction potential, specific

	conductance, temperature, turbidity, alkalinity, sulfide, sulfate, iron (total) and nitrate. This **monthly** monitoring was effective in assessment of the performance and geochemistry of the biobarriers to ensure that anaerobic conditions were being sustained and groundwater geochemistry conditions were present for effective bioremediation to occur and that no negative effects on secondary groundwater geochemistry were occurring (Tables 2-5 through 2-11 of the 2010 PMR – Insight 2011). 3. **Quarterly** depth to water, field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 15 wells: FSB-1 (6 wells); FSB-2 (6 wells); SHB-1(3 wells) . Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: volatile organic compounds (VOCs), Dissolved Hydrogen Gases (DHGs), Volatile Fatty Acids (VFAs), Total Organic Carbon (TOC) and Dehalococcoides/vinyl reductase A gene (DHC/vcrA) (Tables 3-2 through 3-27). 4. **Semi-annual** depth to water, field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 12 wells: SAB-1 (4 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOCs and DHC/vcrA (Tables 3-2 through 3-27). 5. **Annual** depth to water, field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 72 monitoring wells and 14 Point of Compliance (POC) wells: SATG (16 wells); SAB (8 wells); FSB-1 (15 wells); FSB-2 (9 wells); SHB-1 (5 wells); SHB-3 (8 wells); SSB-1 (11 wells); POC wells (14 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses

	consisted of: VOCs, DHGs, VFAs, TOCs and DHC/vcrA (Tables 3-2 through 3-27). The monitoring events conducted to date support the effective bioremediation activities at IR Site 70. In order to satisfy the RWQCB's request for conducting a quarterly event, the Navy will conduct a quarterly monitoring event between the next 2 sampling events: July 2011 and October 2011. In addition, analytical results for TOC, VFAs, DHC and other parameters will be graphed to better demonstrate the status of the geochemistry and health of the biobarrier in the next submittal to the regulatory agencies. The data acquired during this quarterly frequency will be evaluated with the additional visualizations to determine the next frequency of groundwater monitoring at IR Site 70. The October 2011 sampling event will include all wells included in the previous annual events including groundwater samples from the new proposed monitoring well to be constructed in the Second Sand Biobarrier to the North/Northeast of biobarrier SSB-1, depicted on Figure 4-20 of the 2010 PMR (Insight 2011). Table 6-1 has been revised to reflect these two events for 2011 (please see attached).
SPECIFIC COMMENTS	
Specific Comment 1: Section 5.1.1 CHANGES TO THE PERFORMANCE MONITORING SCHEDULE, 1st paragraph, page 5-1: We strongly disagree with the statement that the quarterly (groundwater monitoring schedule) was not practical. Just because it took a year longer to emplace the remedy, that is no reason for not conducting the quarterly groundwater sampling as specified in the work plan. It should be noted for releases of contaminants or pollutants to groundwater that we oversee, during investigation and remedial actions taken to abate those releases, quarterly groundwater sampling is a standard requirement. For our private sites in particular, quarterly groundwater sampling has been	**Response to Specific Comment 1:** Please see discussion on the frequency of sampling conducted at IR Site 70 in Response to General Comment 1 above. The first paragraph, Section 5.1.1., on page 5-1, will be modified to state: The 2010 performance monitoring schedule is presented in Table 1-1 and consisted of the following frequency of wells: 1. **Monthly** field and on-site geochemistry (after the installation of the biobarriers) in 26 wells: SAB (3 wells), FSB-1 (6 wells); FSB-2 (6 wells); SHB-1 (3 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field and

performed for many years, or even for decades, depending the release site.	on-site geochemistry monitoring consisted of: depth to water, pH, dissolved oxygen, oxidation-reduction potential, specific conductance, temperature, turbidity, alkalinity, sulfide, sulfate, iron (total) and nitrate This **monthly** monitoring was effective in assessment of the performance and geochemistry of the biobarriers to ensure that anaerobic conditions were being sustained and groundwater geochemistry conditions were present for effective bioremediation to occur and that no negative effects on secondary groundwater geochemistry were occurring (Tables 2-5 through 2-11 of the 2010 PMR – Insight 2011). 2. **Quarterly** field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 15 wells: FSB-1 (6 wells); FSB-2 (6 wells); SHB-1(3 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: volatile organic compounds (VOCs), Dissolved Hydrogen Gases (DHGs), Volatile Fatty Acids (VFAs), Total Organic Carbon (TOC) and Dehalococcoides/vinyl reductase A gene (DHC/vcrA) (Tables 3-2 through 3-27). 3. **Semi-annual** field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 12 wells: SAB-1 (4 wells); SHB-3 (4 wells); SSB-1 (4 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOCs and DHC/vcrA (Tables 3-2 through 3-27). 4. **Annual** field parameters, on-site geochemistry, and off-site laboratory analytical sampling was conducted in 72 monitoring wells and 14 Point of Compliance (POC) wells: SATG (16 wells); SAB (8 wells); FSB-1 (15 wells); FSB-2 (9 wells); SHB-1 (5 wells); SHB-3 (8 wells); SSB-1 (11 wells); POC wells (14 wells). Field parameters and on-site geochemistry consisted of analytes listed in the monthly

	sampling. Off-site laboratory analyses consisted of: VOCs, DHGs, VFAs, TOCs and DHC/vcrA (Tables 3-2 through 3-27). The frequency and sampling of the wells was determined to adequately address the remedial action objectives at IR Site 70. However, the frequency of the groundwater monitoring at IR Site 70 was affected by the continuing resolution of the federal government in early 2011. The Navy will conduct a quarterly monitoring event between the next 2 sampling events: July 2011 and October 2011. The data acquired during this quarterly frequency will be evaluated to determine the next frequency of groundwater monitoring at IR Site 70. Note that Table 6-1 in the 2010 PMR has been modified, as attached, to reflect the July (Summer 2011) and October (Annual – Fall 2011) sampling events.
Specific Comment 2: Section 6.2 RECOMMENDATIONS, pages 6-3 and 6-4: We concur with recommendations numbered 1 through 5. We do not concur with recommendation number 6. We strongly believe that insufficient groundwater monitoring events have occurred to support this recommendation. Also an evaluation of the current groundwater monitoring networks and its ability to demonstrating compliance with the remedial action goals and to demonstrate the current contaminant plume's nature and extent has not been presented in this report to support your recommendation.	**Specific Comment 3:** Recommendation Number 6 in Section 6.2 (and corresponding recommendation in the Executive Summary) will be modified as follows: The data presented in the 2010 PMR support the remedial action goals for IR Site 70 (Geosyntec 2006) and demonstrate the remedial action is reducing the contaminant concentrations at IR Site 70. The frequency of the groundwater monitoring at IR Site 70 was affected by the continuing resolution of the federal government in early 2011. The Navy will conduct a quarterly monitoring event between the next 2 sampling events: July 2011 and October 2011. The data acquired during this quarterly frequency will be evaluated to determine the next frequency of groundwater monitoring at IR Site 70 and will be presented in the 2011 PMR. Hence, Table 6-1 (attached) has been modified to reflect the July and October 2011 sampling events. The 2012 and future sampling schedule will be presented in the 2011 PMR pending the results of the July and October 2011 quarterly sampling event frequency.

References:

Environmental Chemical Corporation/Geosyntec Consultants (ECC/Geosyntec) 2008. Final Remedial Action Work Plan, Implementation of Enhanced In-Situ Bioremediation, Installation Restoration Program Site 70, Naval Weapons Station Seal Beach, Seal Beach, California, March.

Geosyntec Consultants (Geosyntec) 2006. Record of Decision (ROD) Installation Restoration Program Site 70, Naval Weapons Station Seal Beach, Seal Beach, California, August.

Insight EEC Inc. (Insight) 2011. Draft 2010 Performance Monitoring Report – Enhanced In-Situ Bioremediation Installation Restoration Program Site 70, Naval Weapons Station Seal Beach, Seal Beach, California, April.

Enclosure: Revised Table 6-1 of 2010 PMR.

Table 6-1
Proposed 2011 Groundwater and Performance Monitoring Schedule

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
Source Area Treatment Grid											
IW-70-SAT35 (25-55)	8/3/2010	July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW01A (25-35)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW01B (25-55)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-27 (25.5-35.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-28 (50.3-60.3)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA01 (40-50)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA02 (35-45)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA03 (35-45)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA04 (35-45)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/Upper Fines											
MW-70-02 (20-30)	Not Applicable	October	October	—	—	—	—	—	—	—	—
MW-70-03 (20-30)		October	October	—	—	—	—	—	—	—	—
MW-70-10 (30-40)		October	October	—	—	—	—	—	—	—	—
MW-70-17 (30-40)		October	October	—	—	—	—	—	—	—	—
MW-70-22 (20-30)		October	October	—	—	—	—	—	—	—	—
Source Area Biobarrier/First Sand											
IW-70-SAB06 (65-80/85-105)	1/30/2009	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-SAB11 (65-105)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-MNA05 (70-80)		October	October	October	—	October	—	—	—	October	—
MW-70-PMW02A (70.5-80.5)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW02B (90-100)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW03A (70.5-80.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW03B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
First Sand Biobarrier 1											
MW-70-38 (80-100)	2/12/2010	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
IW-70-FSB108 (60-105)	2/12/2010	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-FSB118 (60-105)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW04A (70-80)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW04B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW05A (70-80)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW05B (90-100)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW06A (69.5-79.5)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW06B (91-101)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
RDO-5 (65-105)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-MNA08 (80-90)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA06 (80-90)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA11 (80-90)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA07 (90-100)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-43A (86-106)		October	October	October	—	October	—	—	—	October	—
First Sand Biobarrier 2											
IW-70-FSB216 (65-100)	11/24/2009	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-FSB229 (65-100)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW07A (65-75)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW07B (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW08A (65-75)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW08B (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA09 (64-74)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA10 (75-85)		October	October	October	—	October	—	—	—	October	—
MW-70-MNA12 (75-85)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/First Sand											
MW-70-11 (80-100)	Not Applicable	October	October	—	—	—	—	—	—	—	—
MW-70-16 (95-105)		October	October	—	—	—	—	—	—	—	—
MW-70-35 (90-100)		October	October	—	—	—	—	—	—	—	—

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
MW-70-POC01 (80-90)	**Not Applicable**	October	October	—	—	—	—	—	—	—	—
Shell Horizon Biobarrier 1	**4/7/2010**										
IW-70-SHB113 (105-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW09 (120-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW10 (120-130)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
IW-70-SHB217 (105-130)		October	October	October	October	October	October	October	October	October	—
MW-70-MNA13 (115-125)		October	October	October	—	October	—	—	—	October	—
Shell Horizon Biobarrier 3	**9/25/2009**										
IW-70-SHB310 (105-130)		July/ October	October	October	October	October	October	October	October	October	—
IW-70-SHB311 (80-95)		July/ October	October	October	October	October	October	October	October	October	—
MW-70-PMW11A (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW11B (115-125)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW12A (85-95)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW12B (115-125)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA14 (115-125)		October	October	October	—	October	—	—	—	October	—
Point of Compliance/Shell Horizon	**Not Applicable**										
MW-70-23 (110-130)		October	October	—	—	—	—	—	—	—	—
Second Sand Biobarrier 1	**3/18/2009**										
IW-70-SSB109 (125.75-165.75)		July/ October	October	October	October	October	October	October	October	October	—
IW-70-SSB119 (125-165)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW13A (125-135)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW13B (145-155)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW14A (128-138)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-PMW14B (149-159)		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	October	October	October	—
MW-70-MNA16 (141-151)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-MNA17 (140-150)		July/ October	October	October	—	October	—	—	—	October	—
MW-70-15 (161-171)		October	October	October	—	October	—	—	—	October	—
MW-70-14 (160-170)		July/ October	July/ October	July/ October	—	October	—	—	—	October	—

	Biobarrier Installation Completion Date	Field Parameters	VOCs	DHGs	Anions/TDS/Alkalinity	VFAs	TOC	Sulfide	Dissolved Metals	Dhc/vcrA	Soil Vapor
MW-70-43B (136-146)	3/18/2009	October	October	October	—	October	—	—	—	October	—
Proposed Second Sand Well MW-70-44		July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	July/ October	—
Point of Compliance/Second Sand	Not Applicable										
MW-70-21 (150-170)		October	October	—	—	—	—	—	—	—	—
MW-70-36 (150-160)		October	October	—	—	—	—	—	—	—	—
Point of Compliance/Deep Sand	Not Applicable										
MW-70-POC02 (190-200)		October	October	—	—	—	—	—	—	—	—
MW-70-POC03 (190-200)		October	October	—	—	—	—	—	—	—	—
MW-70-POC04 (195-205)		October	October	—	—	—	—	—	—	—	—
Soil Vapor Samples	Not Applicable										
SV-70-01		—	—	—	—	—	—	—	—	—	October
SV-70-02		—	—	—	—	—	—	—	—	—	October
SV-70-03		—	—	—	—	—	—	—	—	—	October
SV-70-04		—	—	—	—	—	—	—	—	—	October
SV-70-05		—	—	—	—	—	—	—	—	—	October
SV-70-06		—	—	—	—	—	—	—	—	—	October
SV-70-07		—	—	—	—	—	—	—	—	—	October
SV-70-08		—	—	—	—	—	—	—	—	—	October
SV-70-09		—	—	—	—	—	—	—	—	—	October
SV-70-10		—	—	—	—	—	—	—	—	—	October
SV-70-11		—	—	—	—	—	—	—	—	—	October
SV-70-12		—	—	—	—	—	—	—	—	—	October

Notes:

— - not analyzed

Anions/TDS/Alkalinity - Anions (EPA Method 300.0)/TDS (EPA Method 2540C)/Alkalinity (EPA Method 2320B)
Dhc/vcrA - Polymerase Chain Reaction Assay (Dehalococcoides/vinyl chloride reductase A gene)
DHGs - dissolved hydrogen gases (RSK 175)
dissolved metals - iron, manganese, and arsenic (EPA Method 6010B)
field parameter (pH, dissolved oxygen, oxidation-reduction potential, specific conductance, temperature, and turbidity)
sulfide - total dissolved hydrogen sulfide (EPA Method 4500F)
Soil Vapor samples analyzed for hydrogen sulfide (ASTM D5504) and methane(25C)
TOC - total organic carbon (EPA Method 5310B)
VFAs - volatile fatty acids (300.0M)
VOCs - volatile organic compounds (EPA Method 8260B)

Department of Toxic Substances Control

Linda S. Adams
Acting Secretary for
Environmental Protection

Deborah O. Raphael, Director
5796 Corporate Avenue
Cypress, California 90630

Edmund G. Brown Jr.
Governor

June 10, 2011

Ms. Pei-Fen Tamashiro
Installation Restoration Coordinator
Naval Weapons Station Seal Beach
800 Seal Beach Blvd
Seal Beach, CA 90740-5000

DRAFT PERFORMANCE MONITORING REPORT (PMR), IRP SITE 70, NAVAL WEAPONS STATION SEAL BEACH, (NWSSB)

Dear Ms. Tamashiro:

The Department of Toxic Substances Control (DTSC) received the above referenced document on April 27, 2011. The PMR reports the activities performed at Site 70 for the treatment of groundwater contaminated with chlorinated solvents by enhanced in-situ bioremediation (EISB). The PMR also presents groundwater monitoring results for the evaluation of the performance of the EISB.

Upon reviewing the PMR and RWQCB's comment letter, DTSC agrees with Mr. Broderick's comments while we do not have further inputs to be forwarded to the Navy.

If you have any questions regarding this letter, please contact me at (714) 484-5458.

Sincerely,

Stephen Niou, P.E.
Brownfields and Environmental Restoration Program

cc: Mr. John Broderick, RWQCB/Region 8

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